VOLUME 30 BOOK 16
JUNE 1985

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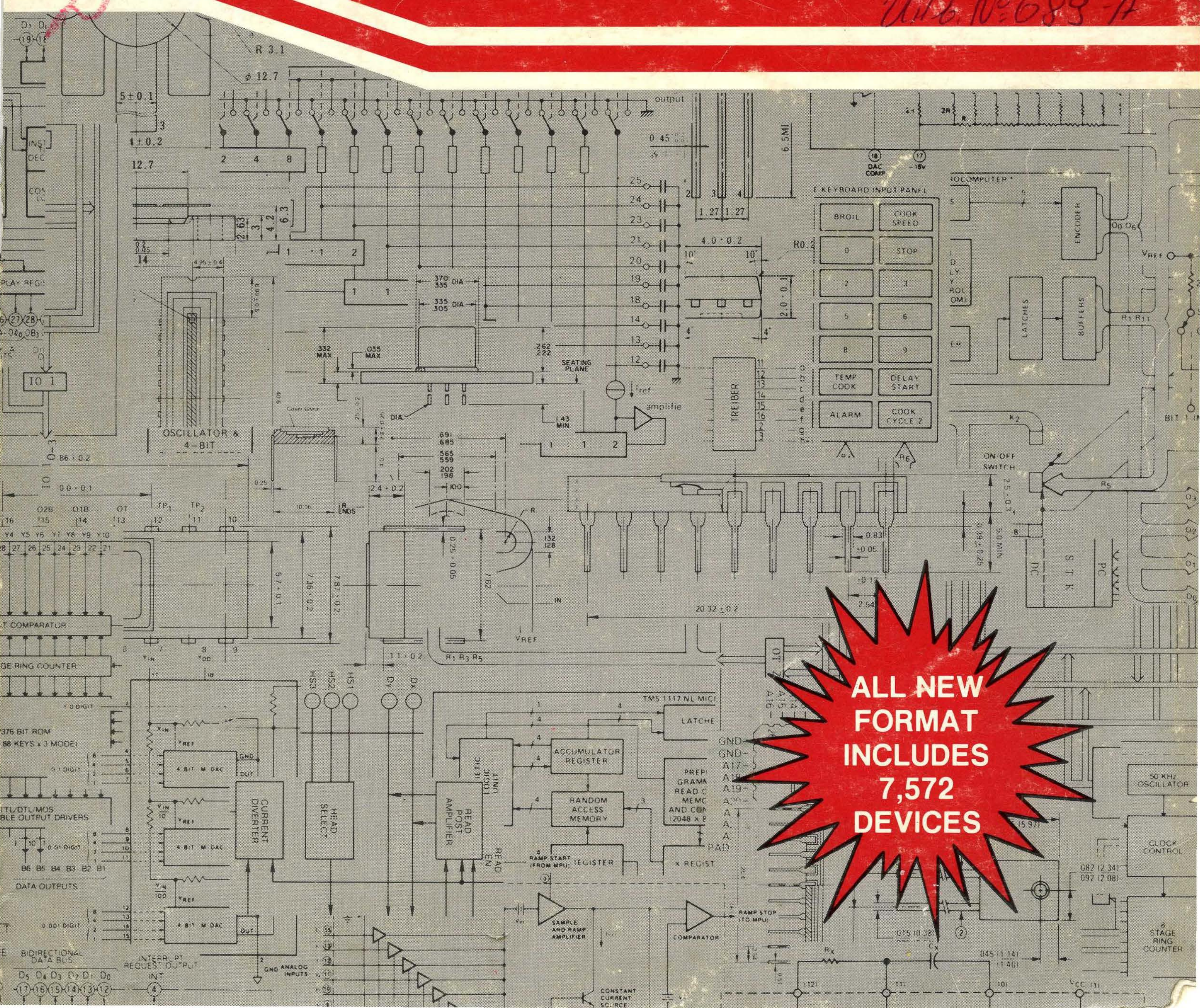
ELECTRONIC INFORMATION SERIES

LINEAR DISCONTINUED DEVICES

EDITION 4



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ELECTRONIC INFORMATION SERIES
VOLUME 30 BOOK 16 JUNE 1985

LINEAR
DISCONTINUED DEVICES

EDITION 4
7,572 TYPES **157 MANUFACTURERS**

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Continued

LINEAR
DISCONTINUED DEVICES

TABLE OF CONTENTS, Continued

3 BASIC WAYS:

	If you know:	And need to know:	Read:
1	Electrical & mechanical requirements	A type number (Manufacturer's part number)	Explanation 1
2	A type number	The electrical and/or mechanical characteristics or its circuit configuration or manufacturer's or equivalent types	Explanation 2

EXPLANATION 1

If you know:
The electrical and mechanical requirements (including military):
And need to know:
A suitable type number:
First: Turn to the TABLE OF CONTENTS

a. Select from the Table of Contents the Technical Section corresponding to the known device type.
EXAMPLE: Technical Section 5

TABLE OF CONTENTS **Page**

Continued

b. Turn to that section. Locate the type number that is in general agreement with your requirements. EXAMPLE: SE531N (Military types are prefaced with JAN) Because of the sequencing, similar types will appear together.
Notice the sequencing parameters in top right corner of each page.

5. OPERATIONAL AMPLIFIERS - Single (Cont'd)

IN ORDER OF (1) IIB MAX (2) BW UNITY GAIN MIN (3) VIO MAX (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (HZ)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP - CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE Δ=MO
1♦	SE531N	500n	500kΔ	5.0m	200n	20	20M†	10u	22	300m	5C	Ext Compensated	5LM31HX	DL8cw
2♦	SG101F	500n	500k†	5.0m	200n	24		3.0u	15	120m	5C	Uncompensated	1LM01FX	FP2v
3♦	SG101J	500n	500k†	5.0m	200n	24	300k	3.0u	15	120m	5C	Uncompensated	1LM01NX	DL14Ø
4♦	SG101T	500n	500k†	5.0m	200n	24	300k	3.0u	15	120m	5C	Uncompensated	1LM01HX	TO99
5♦	SG101Y	500n	500k†	5.0m	200n	24		3.0u	15	120m	5C	Uncompensated	1LM01HX	DL8bt
6♦	AD741H	500n	1.0M†	5.0m	200n	10 ±	300k†		15 ±	500m	5C	comp; ovrld protected	7LM41HX	TO99
7♦	uA741FE	500n	1.0M	5.0m	200n	24	300k	10u	18	1.0	5C	Intern Compensated	7LM41HX	DL8ce
8♦	AD741CH	500n	1.0M†	6.0m	200n	12 ±	300k		15 ±	500m	07	comp; nullable	7LM41HX	TO99
9♦	AD741CN	500n	1.0M†	6.0m	200n	12 ±	300k†		15 ±	500m	07	comp; nullable	7LM41HX	DL8cn
10♦	CA741S	500n♦	1.0M†	6.0m	200n♦	12 ±	300k		15 ±	500m	5C	comp; ovrld protected	7LM41H	CN46
11♦	CA741T	500n♦	1.0M†	6.0m	200n♦	12 ±	300k		15 ±	500m	5C	comp; ovrld protected	7LM41H	Δ002AL
12	LM101T	500n♦	1.0M	6.0m	200n♦	24	300k	6.0u	±20	120m	5C		1LM01HX	CN1g
13♦	RC741DE	500n	1.0M†	6.0m	200n	12 ±	1.0M†		15.0 ±	500m	07	comp; ovrld protected	7LM41H	DL8aa
14♦	uA741CD	500n	1.0M	6.0m	200n	24	300k	10u	18	85m	07	Intern Compensated	7LM41HX	DL8cc
15♦	uA741CFE	500n	1.0M	6.0m	200n	24	300k	10u	18	1.0	07	Intern Compensated	7LM41HX	DL8ce
16♦	uA748A	500n	1.0M	6.0m	200n	12 ±	300k		15 ±	500m	5C	decomp; nullable	1LM01NX	TO116
17♦	uA748V	500n	1.0M	6.0m	200n	12 ±	300k		15 ±	500m	5C	decomp; nullable	1LM01HX	DL8k
18	ICL8017MTW	500n	10M†	6.0m		30 Ø		10u	±15	210m	5C		80LM17HX	TO100

Second: Turn to the TYPE NO. CROSS INDEX Section.

a. Find your selected type number SE531N
b. Note manufacturer's code(s) to the right of device number. EXAMPLE: SIC
c. Note page and line number. EXAMPLE: 56-1

1. TYPE No. CROSS INDEX

IN TYPE NUMBER SEQUENCE

TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line
SA7824CU	MULB	94 - 14	PHIN	♦SIC		PHIN	VALG		SE5561FE	♦SIC	102 - 26	SFC2747KM	♦THEF	69 -107
	VALG			♦VALG		SE567F	♦RTCF	77 - 79		♦VALG		SFC2747M	♦THEF	69 -108
SAA1027	♦PHIN	36 - 33	SE531FE	♦SIC	55 -109		♦SIC		SE5561N	♦SIC	102 - 27	SFC2748C	♦THEF	57 - 35
SAA1027N	MULB	36 - 22		♦VALG		SE567H	♦SIC	77 - 75		♦VALG		SFC2748DC	♦THEF	57 - 36
SAA1042	♦MOTA	36 - 23	SE531H	♦SIC	55 -110	S[illegible]67N	♦RTCF	77 - 80	SFC2006	♦THEF	105 - 22	SFC2748GC	♦THEF	55 - 84
SAA1042A	♦MOTA	36 - 24		♦VALG			♦SIC		SFC2008	♦THEF	105 - 33	SFC2748M	♦THEF	57 - 37
SAA1094	♦ITTG	117 - 18	SE531N	♦SIC	56 - 1	[illegible]7T	♦SIC	77 - 81	SFC2054EC	♦THEF	30 - 66	SFC2748PM	♦THEF	57 - 38
SAA5020	PHIN	117 - 46		♦VALG		[illegible]2FØ	♦MOTA	31 - 46	SFC2100M	♦THEF	91 - 50	SFC2761C	♦THEF	58 -105
SAA5025A(A)	♦PHIN	117 - 44	SE531T	MULB	59 - 23	S[illegible]2FH	♦MOTA	31 - 47	SFC2101A	♦THEF	52 - 31	SFC2761DC	♦THEF	58 -106
SAA5025B(A)	♦PHIN	117 - 45	PHIN	VALG		SE592K	MULB	31 - 48	SFC2101AGM	♦THEF	51 - 80	SFC2761M	♦THEF	58 -107
SAA5120(A)	♦PHIN	117 - 47	SE532AN	MULB	65 - 97	PHIN	VALG		SFC2101APM	♦THEF	51 - 81	SFC2761PM	♦THEF	58 -108
SAA5125(A)	♦PHIN	117 - 48	PHIN	VALG		SE592KØ	♦MOTA	31 - 49	SFC2104M	♦THEF	92 -108	SFC2761T	♦THEF	58 -109
SAB1009B	♦PHIN	148 - 72	SE532AT	MULB	65 - 98	SE4558FE	♦SIC	68 - 66	SFC2105M	♦THEF	99 - 90	SFC2776C	♦THEF	45 -110
SAB1018A	♦PHIN	32 - 36	PHIN	VALG			♦VALG		SFC2107M	♦THEF	51 - 82	SFC2776DC	♦THEF	46 - 1
SAD512D	♦RET	33 - 40	SE532FE	PHIN	66 - 22	SE5512FE	♦PHIN	64 - 15	SFC2107PM	THEF	51 - 83	SFC2776EC	♦THEF	46 - 2
SAK150BT	♦PHIN	36 - 14	RTCF	♦SIC		♦SIC	♦VALG		SFC2108A	♦THEF	43 - 5	SFC2776EM	♦THEF	45 -106
SAS231L	♦SIEG	106 - 45		VALG		SE5512N	♦PHIN	64 - 16	SFC2108M	♦THEF	43 - 35	SFC2776M	♦THEF	45 -107
SAS231W	♦SIEG	106 - 46	SE532H	PHIN	66 - 23	♦SIC	♦VALG		SFC2108PM	♦THEF	43 - 36	SFC2776PM	♦THEF	45 -108

d. Turn to the MANUFACTURERS' CODES, & NAMES section
e. Locate manufacturer's code and name. EXAMPLE: SIC

MANUFACTURERS' CODES & NAMES

D.A.T.A. MFRS.' CODE	MANUFACTURER	D.A.T.A. MFRS.' CODE	MANUFACTURER
HAS	Harris Semiconductor	**SEI**	Semiconductors, Inc.
HBC	Hybrid Systems Corp.	**SGAI**	(See SGSI)
HITJ	Hitachi Ltd., Semicon & IC Div.	**SGL**	Silicon General, Inc.
HSE	Hybrid Semiconductors & Elect., Inc.	**SGSI**	SGS-ATES Componenti Elet. S.p.A.
HTN	Hi-Tron Semiconductor Corp.	**SIC**	Signetics Corp.
IDC	International Diode Corporation	**SIEG**	Siemens Aktiengesellschaft
IDI	International Devices Inc.	**SIL**	Silicon Systems, Inc.
IFC	Interfet Corp.	**SIX**	Siliconix, Inc.
INL	Intersil, Inc.	**SLD**	Solid State Industries, Inc.
INR	International Rectifier	**SMC**	Standard Microsystems Corp.
IPE	In-Phase Electronics	**SMLB**	Semelab
IPSI	Int'l Power Semiconductor	**SOD**	Solitron Devices, Inc.

EXPLANATION 2

If you know:
The type number (including military which has JAN prefix:
And need to know:
The electrical characteristics:
First:
Turn to the TYPE NUMBER CROSS INDEX and find your type number.

a. Note the page and line number beside your Type. EXAMPLE: 56-1

1. TYPE No. CROSS INDEX

IN TYPE NUMBER SEQUENCE

TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line
SA7824CU	MULB	94 - 14	PHIN	♦SIC		PHIN	VALG		SE5561FE	♦SIC	102 - 26	SFC2747KM	♦THEF	69 -107
	VALG			♦VALG		SE567F	♦RTCF	77 - 79		♦VALG		SFC2747M	♦THEF	69 -108
SAA1027	♦PHIN	36 - 33	SE531FE	♦SIC	55 -109		♦SIC		SE5561N	♦SIC	102 - 27	SFC2748C	♦THEF	57 - 35
SAA1027N	MULB	36 - 22		♦VALG		SE[illegible]67H	♦SIC	77 - 75		♦VALG		SFC2748DC	♦THEF	57 - 36
SAA1042	♦MOTA	36 - 23	SE531H	♦SIC	55 -110	S[illegible]7N	♦RTCF	77 - 80	SFC2006	♦THEF	105 - 22	SFC2748GC	♦THEF	55 - 84
SAA1042A	♦MOTA	36 - 24		♦VALG			♦SIC		SFC2008	♦THEF	105 - 33	SFC2748M	♦THEF	57 - 37
SAA1094	♦ITTG	117 - 18	SE531N	♦SIC	56 - 1	[illegible]T	♦SIC	77 - 81	SFC2054EC	♦THEF	30 - 66	SFC2748PM	♦THEF	57 - 38
SAA5020	PHIN	117 - 46		♦VALG		[illegible]FØ	♦MOTA	31 - 46	SFC2100M	♦THEF	91 - 50	SFC2761C	♦THEF	58 -105
SAA5025A(A)	♦PHIN	117 - 44	SE531T	MULB	59 - 23	S[illegible]FH	♦MOTA	31 - 47	SFC2101A	♦THEF	52 - 31	SFC2761DC	♦THEF	58 -106
SAA5025B(A)	♦PHIN	117 - 45	PHIN	VALG		SE[illegible]92K	MULB	31 - 48	SFC2101AGM	♦THEF	51 - 80	SFC2761M	♦THEF	58 -107
SAA5120(A)	♦PHIN	117 - 47	SE532AN	MULB	65 - 97	PHIN	VALG		SFC2101APM	♦THEF	51 - 81	SFC2761PM	♦THEF	58 -108
SAA5125(A)	♦PHIN	117 - 48	PHIN	VALG		SE592KØ	♦MOTA	31 - 49	SFC2104M	♦THEF	92 -108	SFC2761T	♦THEF	58 -109
SAB1009B	♦PHIN	148 - 72	SE532AT	MULB	65 - 98	SE4558FE	♦SIC	68 - 66	SFC2105M	♦THEF	99 - 90	SFC2776C	♦THEF	45 -110
SAB1018A	♦PHIN	32 - 36	PHIN	VALG			♦VALG		SFC2107M	♦THEF	51 - 82	SFC2776DC	♦THEF	46 - 1
SAD512D	♦RET	33 - 40	SE532FE	PHIN	66 - 22	SE5512FE	♦PHIN	64 - 15	SFC2107PM	THEF	51 - 83	SFC2776EC	♦THEF	46 - 2
SAK150BT	♦PHIN	36 - 14	RTCF	♦SIC		♦SIC	♦VALG		SFC2108A	♦THEF	43 - 5	SFC2776EM	♦THEF	45 -106

b. Locate that page and line number, and you will find the electrical characteristics. The circuit and outline drawings numbers 5LM31HX and DL8cw are in the last column and the drawings are listed sequentially in the Drawing Index. (See Table of Contents)

5. OPERATIONAL AMPLIFIERS - Single (Cont'd)

IN ORDER OF (1) IIB MAX (2) BW [illegible] MIN (3) VIO MAX (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (HZ)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP •	CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE Δ=MO
1♦	SE531N	500n	500kΔ	5.0m	200n	20	20M†	10u	22	300m	5	C	Ext Compensated	5LM31HX	DL8cw
2♦	SG101F	500n	500k†	5.0m	200n	24		3.0u	15	120m	5	C	Uncompensated	1LM01FX	FP2v
3♦	SG101J	500n	500k†	5.0m	200n	24	300k	3.0u	15	120m	5	C	Uncompensated	1LM01NX	DL14Ø
4♦	SG101T	500n	500k†	5.0m	200n	24	300k	3.0u	15	120m	5	C	Uncompensated	1LM01HX	TO99
5♦	SG101Y	500n	500k†	5.0m	200n	24		3.0u	15	120m	5	C	Uncompensated	1LM01HX	DL8bt
6♦	AD741H	500n	1.0M†	5.0m	200n	10 ±	300k†		15 ±	500m	5	C	comp; ovrld protected	7LM41HX	TO99
7♦	uA741FE	500n	1.0M	5.0m	200n	24	300k	10u	18	1.0	5	C	Intern Compensated	7LM41HX	DL8ce
8♦	AD741CH	500n	1.0M†	6.0m	200n	12 ±	300k		15 ±	500m	0	7	comp; nullable	7LM41HX	TO99
9♦	AD741CN	500n	1.0M†	6.0m	200n	12 ±	300k†		15 ±	500m	0	7	comp; nullable	7LM41HX	DL8cn
10♦	CA741S	500n♦	1.0M†	6.0m	200n♦	12 ±	300k		15 ±	500m	5	C	comp; ovrld protected	7LM41H	CN46
11♦	CA741T	500n♦	1.0M†	6.0m	200n♦	12 ±	300k		15 ±	500m	5	C	comp; ovrld protected	7LM41H	Δ002AL
12	LM101T	500n♦	1.0M	6.0m	200n♦	24	300k	6.0u	±20	120m	5	C		1LM01HX	CN1g
13♦	RC741DE	500n	1.0M†	6.0m	200n	12 ±	1.0M†		15.0 ±	500m	0	7	comp; ovrld protected	7LM41H	DL8aa
14♦	uA741CD	500n	1.0M	6.0m	200n	24	300k	10u	18	85m	0	7	Intern Compensated	7LM41HX	DL8cc
15♦	uA741CFE	500n	1.0M	6.0m	200n	24	300k	10u	18	1.0	0	7	Intern Compensated	7LM41HX	DL8ce
16♦	uA748A	500n	1.0M	6.0m	200n	12 ±	300k		15 ±	500m	5	C	decomp; nullable	1LM01NX	TO116
17♦	uA748V	500n	1.0M	6.0m	200n	12 ±	300k		15 ±	500m	5	C	decomp; nullable	1LM01HX	DL8k
18	ICL8017MTW	500n	10M†	6.0m		30 Ø		10u	±15	210m	5	C		80LM17HX	TO100

c. Locate the drawing number in the Drawing Index and note the page number listed. EXAMPLE: 5LM31HX

LINEAR INTEGRATED CIRCUITS – DRAWING INDEX

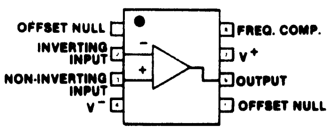
CIRCUIT DRAWINGS

DRAWING NO.	PAGE	DRAWING NO.	PAGE	DRAWING NO.	PAGE	DRAWING NO.	PAGE	DRAWING NO.	PAGE	DRAWING NO.	PAGE	DRAWING NO.	PAGE
0LM2JX	368	1ISOOPX	305	1LM39LX	386	2LM72GX	387	4LM59TX	158	5LM14JX	388	6LM79VX	374
0LM7FX	203	1L20BX	240	1LM39NX	386	2LM72LX	208	4LM60CX	409	5LM15FX	158	6LM85HX	389
0LM7NX	203	1L49VX	157	1LM43D	241	2LM72MX	208	4LM87TX	245	5LM15GX	158	6LM86DX	389
0LM8AX	203	1L61PX	386	1LM44NX	206	2P0	297	4SL41AX	245	5LM15HX	210	6LM86HX	388
0LM9AX	203	1LM0ZX	372	1LM46JX	206	2SA05ZX	179	4SL43AX	246	5LM21ZX	211	6LM86LX	389
0LM14HX	203	1LM00HX	156	1LM46MX	207	2SA31LX	296	4SL45AX	246	5LM22ZX	211	6LM86PX	389
0LM44JX	204	1LM0HX	204	1LM52AX	207	2SA31WX	296	4TB00DX	2[illegible]	5LM31FX	210	6LM87DX	389
0LM66HX	204	1LM0NX	205	1LM53DX	207	2SA41SX	296	4TC10AX	1[illegible]	5LM31HX	211	6LM87LX	390
0LM68LX	207	1LM01FX	205	1LM59JX	207	2SG92SX	181	4TL40JX	2[illegible]	5LM31UX	211	6NE44NX	182
0LM79PX	204	1LM01HX	205	1LM60HX	386	2TA05KX	296	4TL41NX	167	5LM39DX	170	6PD16AX	300
0LM96PX	204	1LM01NX	205	1LM61HX	386	2TA80ZX	243	4TL93JX	245	5LM41ZX	211	6PI26ZX	247
0PA2ZX	155	1LM1NX	205	1LM63DX	157	2U08BX	242	4TL94TX	246	5LM55HX	170	6TA0ZX	374

d. Turn to the page indicated and locate the drawing.

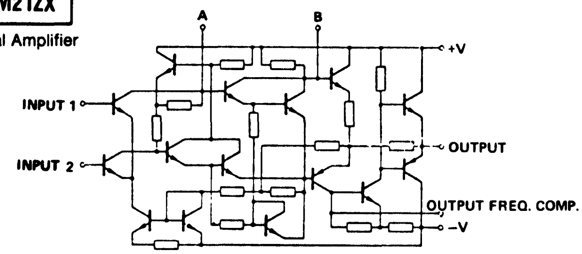
18. CIRCUIT DRAWINGS

5LM31HX Single Operational Amplifier - 8 pin DIP or Can



5LM22ZX **5LM21ZX**

Single Operational Amplifier



	IN 1	IN 2	A	B	+V	OUT	OUT FREQ COMP	-V
5LM22ZX	2	3	1	8	7	6	5	4
5LM21ZX	3	4	2	9	8	7	6	5

DEFINITIONS OF TERMS

Interpreters and Definitions

This section defines column headings and symbols appearing in the Technical Sections of this book. Sorted alphabetically by field description, the **"Interpreter"** interprets the field titles and indicates the section usage.

SECTION 5 OPERATIONAL AMPLIFIERS SECTION 5

5. OPERATIONAL AMPLIFIERS - Single

IN ORDER OF (1) IIB MAX (2) BW UNITY GAIN MIN (3) VIO MAX (4) TYPE NUMBER

LINE No.	5 TYPE NUMBER	1 IIB MAX (A)	2 BW UNITY GAIN MIN (HZ)	3 VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP - CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE Δ=MO
	②	✪	✪	✪	✪	✪	✪	✪	✪	✪	✪			

② † - programmable op amp characteristics given for highest specified bias current

✪ SYMBOLS AND CODES AT TOP OF FIRST INTERPRETER PAGE

POWERS-OF-TEN MULTIPLIERS

The powers-of-ten multipliers shown below are used in numeric columns when the value being entered is many times greater or smaller than the units of measure indicated in the column heading. Usually, the latter are the so-called 'basic' units; such as V (volts), A (amperes) and s (seconds). The multipliers and an explanation of their use are given below:

EXPLANATION

Value of Data To Be Entered	Basic Unit In Column Heading	Actual Entry
3 milliamperes	A (amperes)	3.0m
9 megaohms	Ω (ohms)	9.0M
0.5 volt	V (volts)	500m*
10 amperes	A (amperes)	10

*May also be written as 0.5 with no multiplier

MULTIPLIERS

Power	Prefix	Symbol
10^{12}	tera	T
10^{9}	giga	G
10^{6}	mega	M
10^{3}	kilo	k
10^{2}	hecto	h
10	deka	da
10^{-1}	deci	d
10^{-2}	centi	c
10^{-3}	milli	m
10^{-6}	micro	µ
10^{-9}	nano	n
10^{-12}	pico	p
10^{-15}	femto	f
10^{-18}	atto	a

Recommended by International Committee on Weights and Measures. Adopted by National Bureau of Standards

SEQUENCING PARAMETERS

The arrangement of types in the technical sections is keyed to a set of special characteristics selected for their importance from among the general group of characteristics tabulated in each section. These selected characteristics or sequencing parameters differ from one section to another, and are identified at the top of each page as shown in the sample below.

The different types within a section are first arranged in ascending numeric (or alphabetic) order of the first such parameters. Groups of types having a common value for the first parameter are then arranged in ascending order of the second parameter. This process continues for each parameter in turn, up to and including the last parameter which, in every instance, is the type number itself. The final arrangement, by type number, is done in accordance with the sequencing of type numbers in the cross-index. The absence of an entry for any sequencing parameter is regarded as a zero and precedes any actual entries in the sequencing.

MAJOR CHARACTERISTICS **SEQUENCING PARAMETERS**

5. OPERATIONAL AMPLIFIERS - Single (Cont'd)

IN ORDER OF (1) IIB MAX (2) BW UNITY GAIN MIN (3) VIO MAX (4) TYPE NUMBER

LINE No	4 TYPE NUMBER	1 IIB MAX (A)	2 BW UNITY GAIN MIN (HZ)	3 VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE Δ = MO
1♦	SE531N	500n	500kΔ	5 0m	200n	20	20M+	10u	22	300m	5C	Ext Compensated	5LM31HX	DL8cw
2♦	SG101F	500n	500k+	5 0m	200n	24		3 0u	15	120m	5C	Uncompensated	1LM01FX	FP2v
3♦	SG101J	500n	500k+	5 0m	200n	24	300k	3 0u	15	120m	5C	Uncompensated	1LM01NX	DL14∅
4♦	SG101T	500n	500k+	5 0m	200n	24	300k	3 0u	15	120m	5C	Uncompensated	1LM01HX	TO99
5♦	SG101Y	500n	500k+	5 0m	200n	24		3 0u	15	120m	5C	Uncompensated	1LM01HX	DL8bt
6♦	AD741H	500n	1 0M+	5 0m	200n	10 +	300k+		15 ±	500m	5C	comp. ovrld protected	7LM41HX	TO99
7♦	uA741FE	500n	1 0M	5 0m	200n	24	300k	10u	18	1 0	5C	Intern Compensated	7LM41HX	DL8ce
8♦	AD741CH	500n	1 0M+	6 0m	200n	12 +	300k		15 ±	500m	07	comp. nullable	7LM41HX	TO99
9♦	AD741CN	500n	1 0M+	6 0m	200n	12 ±	300k+		15 ±	500m	07	comp. nullable	7LM41HX	DL8cn

D.A.T.A.BOOKS®

Component Locator

COMPONENT	TRANSISTOR	DIODE	THYRISTOR	POWER SEMICONDUCTOR	DIGITAL I.C.'s	INTERFACE I.C.'s	LINEAR I.C.'s	MEMORY I.C.'s	AUDIO/VIDEO I.C.'s	MICROPROCESSOR I.C.'s	MICROCOMPUTER SYSTEMS	OPTOELECTRONICS	MICROWAVE	MODULES/HYBRIDS	POWER SUPPLIES
	SECTION NUMBER														
A/D Converter						8								13	
A/A I/O Converter										7	5				
AC Switch (ACS)			5	25											
Active Filter							11							21	
A/D I/O Converter										7	5				
Adder: Half, Full					15										
Adder/Subtractor					15										
Address MUX/Refresh Counter						20									
AFC Circuit									3						
AGC Circuit									3						
ALARM Circuit							9								
ALU Status/Shift Controller										6					
ALU					18										
AM Receiver									3						
AM/FM RF-IF Circuit									3						
Amorphous Sense Amplifier						17									
Amplifier-Antilog							3								
Amplifier-Audio									2					21	
Amplifier-Buffer							2								
Amplifier-CATV									3						
Amplifier-Current							2							21	
Amplifier-Differential							2							3	
Amplifier-Gas FET														21	
Amplifier-Instrumentation							2							21	
Amplifier-Isolation							2							21	
Amplifier-Logarithmic							3							21	
Amplifier-Microwave													8		
Amplifier-Operational							5							2	
Amplifier-Optoelectronic												46			
Amplifier-Programmable Gain							5							21	
Amplifier-Reference		2					2								
Amplifier-RF/IF							8		2					4	
Amplifier-Sample/Hold						18								17	
Amplifier-Sense-Amorphous						17									
Amplifier-Sense-Core						17									
Amplifier-Sense-Mag Bubble Mem						17									
Amplifier-Sense-Magnetic Tape						17									
Amplifier-Sense-MOS						17									
Amplifier-Sense-NMOS						17									
Amplifier-Sense-Plated Wire						17									

COMPONENT	TRANSISTOR	DIODE	THYRISTOR	POWER SEMICONDUCTOR	DIGITAL I.C.'s	INTERFACE I.C.'s	LINEAR I.C.'s	MEMORY I.C.'s	AUDIO/VIDEO I.C.'s	MICROPROCESSOR I.C.'s	MICROCOMPUTER SYSTEMS	OPTOELECTRONICS	MICROWAVE	MODULES/HYBRIDS	POWER SUPPLIES
	TITLE OF PUBLICATION														
	SECTION NUMBER														
Amplifier-Servo							4								
Amplifier-Squaring							3								
Amplifier-Track & Hold						20								21	
Amplifier-Video							2		4						
Amplifier-Wideband							16		4					5	
Analog Signal Level Detector							14							21	
Analog MUX						12								15	
Analog Multiplier							3								
Analog Delay (SAD)							3								
Analog Switches-SPDT						11								21	
Analog Switches-SSNC						11								21	
Analog Switches-SSNO						11								21	
Antilog Amplifiers							3								
Arithmetic Logic Unit					18										
Array-Analog Switch						11									
Array-Diode		6													
Array-LED												4			
Array-Photodiode												15			
Array-Phototransistor												15			
Array-Photovoltaic												18			
Array-Programmable Gate								20							
Array-Programmable Logic								20							
Array-Transistor							13								
Astable Multivibrator					12										
Attenuator							3								
Audio Amplifier									2						
Audio Processor (Stereo/4 Channel)									3						
Automatic Call Processing Unit (ACPU)										7					
Automatic Frequency Control									3						
Automatic Gain Control									3						
Automotive									7						
Avalanche Diode		7													
Avalanche Mode Transistor	15														
Backward Diode													8		
Backward Wave Tube													2		
Bar Graph Display												46			
Bargraph Generator									7						
Baud Rate Generator						20									
Bi-Directional Transistor	15														
Bi-Directional Switch			6												
Binary Coded Decimal Counter					11										
Bridges-Silicon Controlled			7												
Bubble Memory								20							
Bubble Memory Support								20							
Buffer Amplifier							2								
Buffer Hex Bus					5										
Buffer/Driver										8					
Buffer/Driver-Logic						2	2								
Buffer Gates					5										
Buffer Octal						2									
Bus Arbiter										7					
Bus Driver						3									
Bus Interface						20									
Bus Receiver						15									
Bus Transceiver						16								21	
Calculators									6						
CAM								20							
CATV Amplifier									3						
Card Controller											4				
CPU Board											2				
CCD							3	20							
Channel Scanner									3						
Character Generator								4							
Charge-Coupled Device (CCD)							3	20							
Checker-Parity					25										

	TITLE OF PUBLICATION														
	TRANSISTOR	DIODE	THYRISTOR	POWER SEMICONDUCTOR	DIGITAL I.C.'s	INTERFACE I.C.'s	LINEAR I.C.'s	MEMORY I.C.'s	AUDIO/VIDEO I.C.'s	MICROPROCESSOR I.C.'s	MICROCOMPUTER SYSTEMS	OPTOELECTRONICS	MICROWAVE	MODULES/HYBRIDS	POWER SUPPLIES
COMPONENT	SECTION NUMBER														
Chip Set Microprocessor										3					
Circular Detector												46			
Clamp						20									
Clamp/Terminator						20								21	
Clock-Digital									7						
Clock Driver						4								11	
Clock Generator/Driver										9					
Clocks/Multivibrators					12										
Code Converter								6							
CODEC							11								
Color TV Circuits									5					21	
Compander							11								
Comparator-Current							7,14								
Comparator-Identity					17										
Comparator-Magnitude					17										
Comparator-Phase							6								
Comparator-Unified Bus					17										
Comparator-Voltage							14							7	
Complementary Symm (PNP & NPN)	15						13								
Computer-on-a-chip										3					
Contact Protector Diode		6													
Content Addressable Memory								20							
Control-Store Sequencer										7					
Controller-ALU Status										6					
Controller-Card											4				
Controller-Data Interface						20				6					
Controller-DMA										6					
Controller-Diskette						20				6					
Controller-Display						20				6					
Controller-Floppy Disk						20				6					
Controller-Interrupt System										6					
Controller-Industrial Timer					10										
Controller-Keyboard Encoder						20				6					
Controller-Magnetic Tape						20				6					
Controller-Memory/Interface						20				6					
Controller-Microcomputer Bus										6					
Controller-Motor Speed							4		7					21	
Controller-Optoelectronic												46			
Controller-Paper Tape						20				6					
Controller-Power Supply							7								
Controller-Printer						20				6					
Controller-Program Sequence										6					
Controller-Serial Communication						20				6	5				
Controller-Shift										6					
Controller-Switching Power Supply							7								
Controller-TTY Interface						20				6					
Controller-Winchester Chip (Flop Disk)						20					4				
Controls					27										
Controls/Counters/Converters					27										
Converter-A/D (All)						8								13	
Converter-A to A I/O										7	5				
Converter-A to D I/O										7	5				
Converter-Code								6							
Converter-D to A						9								14	
Converter-D to A I/O										7	5				
Converter-Digital to Synchro														8	
Converter-Freq. to DC							8							21	
Converter, Hybrid, Volt-Freq.							6							21	
Converter-Logic Level						10								21	
Converter-Volt to Current							10,7							21	
Converter-Voltage to Freq.							6							21	
Converter Sub-System						20								21	
Converter-Synchro to Digital														9	
Converters					27										
Core Sense Amplifier						17									

COMPONENT	TRANSISTOR	DIODE	THYRISTOR	POWER SEMICONDUCTOR	DIGITAL I.C.'s	INTERFACE I.C.'s	LINEAR I.C.'s	MEMORY I.C.'s	AUDIO/VIDEO I.C.'s	MICROPROCESSOR I.C.'s	MICROCOMPUTER SYSTEMS	OPTOELECTRONICS	MICROWAVE	MODULES/HYBRIDS	POWER SUPPLIES
	TITLE OF PUBLICATION — SECTION NUMBER														
Counter-A/D Converter						8								13	
Counter-BCD					11										
Counter-Decimal					11										
Counter-Display Driver						6									
Counter-Fast Carry					11										
Counter-Gray Code					11										
Counter-Hexadecimal					11										
Counter-Ring/Johnson					11										
Counter-Straight Binary					11										
Counters					11										
Crosspoint Switch							11								
CRT Correction Circuit									4						
Crystal Controlled Oscillator					12										
Current Amplifier							2							21	
Current Limiter		7					7								
Current Source							10								
Current Stabilizer							7							21	
DAC Current Switching Network						9									
Darlington Transistor	13			13											
Data Acquisition System						20				9				21	
Data Interface Controller										6					
Data Security Device										9					
Data Selectors/MUX's						13									
DC/DC Converters							7								4
Decimal Counter					11										
Decoder-Display Driver						6									
Decoder-DTMF							11								
Decoder/Encoder					27				5					21	
Decoders					6										
Decryption						20									
Deglitcher						20									
Delay Line (Analog)							3		7					21	
Delay Time					10										
Demodulator						20									
Demultiplexer										7					
Demultiplexer-Digital						14									
Detector-Carrier							11							21	
Detector Error/Corrector					27										
Detector-Analog Signal Level							14							21	
Detector-Address Mark										7					
Detector Devices-Microwave Video													5		
Detector-Emitter/Sensor Pairs/Arrays												45			
Detector-Fluid Level							9								
Detector-Gap												45			
Detector-Infrared												10			
Detector-Microwave													8		
Detector-Null												46			
Detector-Phase									7						
Detector-Quadrant												46			
Detector-Reflex												45			
Detector-Thermopile												46			
Detector-Zero Crossing						20	7								
Diac			2												
Dialer-DTMF						20									
Dialer-Phone							11								
Differential Amplifiers							2								
Differential Line Driver/Transmitter						3									
Differential Line Receiver						15									
Differential Line Transceiver						16									
Differential Pair-Temperature Cont.							9								
Digital Multiplexer						13									
Digital to Synchro Converter														8	
Diode-Array		6													
Diode-Avalanche		7													
Diode-Backward													8		

COMPONENT	TRANSISTOR	DIODE	THYRISTOR	POWER SEMICONDUCTOR	DIGITAL I.C.'s	INTERFACE I.C.'s	LINEAR I.C.'s	MEMORY I.C.'s	AUDIO/VIDEO I.C.'s	MICROPROCESSOR I.C.'s	MICROCOMPUTER SYSTEMS	OPTOELECTRONICS	MICROWAVE	MODULES/HYBRIDS	POWER SUPPLIES
	TITLE OF PUBLICATION														
	SECTION NUMBER														
Diode-Breakover		7													
Diode-Bridge		6													
Diode-Contact Protector		7													
Diode-Current Limiter		7					7								
Diode-Detector													8		
Diode-Detector-UHF		7													
Diode-Gunn													8		
Diode-Harmonic Generator													8		
Diode-Impatt													8		
Diode-Infrared Emitter												3			
Diode-Infrared Emitter-Array												4			
Diode-Infrared Emitter-Laser												3			
Diode-Infrared Emitter-Negative Resis.												3			
Diode-JFET		7													
Diode-Laser-LED												2			
Diode-LED												2			
Diode-LED-Array												4			
Diode-Light Emitting												2			
Diode-Limiter		7											8		
Diode-Logarithmic Conversion		7													
Diode-Matched		7													
Diode-Matrixes		6													
Diode-Microwave-Mixer													4		
Diode-Negative Resistive-LED												2			
Diode-Noise		7											8		
Diode-Noise Generator		7													
Diode-Oscillator													8		
Diode-PIN												10	8		
Diode-Radiation Detector		7													
Diode-Radiation Resistant		7													
Diode-Rectifier		4		2-5											
Diode-Reference		2													
Diode-Ring/Quad													8		
Diode-Schottky Barrier		7													
Diode-Shockley			2												
Diode-Silicon Asym Trigger (SAT)			2												
Diode-Step Recovery													8		
Diode-Switching		4													
Diode-Transient Voltage Suppressor		7													
Diode-Tuning		7													
Diode-Tunnel													7		
Diode-UHF Detector		7											5		
Diode-UHF Mixer		7											4		
Diode-Varactor													6		
Diode-Voltage Regulator		2													
Diode Array		6													
Diode Matrix		6													
Diodes		3													
Diodes-Zener		2		6											
Diskette Controller						20				6	4				
Display-Integrated Logic												46			
Display-LED												35			
Display-Liquid Crystal												36			
Display-Misc.(Incand.,Gas,Disch.,etc.)												37			
Display-Multiplexer						6								12	
Display-Oscillator						6								12	
Display-Shift Register						6								12	
Display Controller										6	4				
Display Driver-Multiplexer						6								12	
Display Driver-Snift Register						6								12	
Display Driver/Counter						6								12	
Display Driver/Decoder						6								12	
Display Driver/Latch						6								12	
Display Driver/Oscillator						6								12	
Divider														21	

COMPONENT	TRANSISTOR	DIODE	THYRISTOR	POWER SEMICONDUCTOR	DIGITAL I.C.'s	INTERFACE I.C.'s	LINEAR I.C.'s	MEMORY I.C.'s	AUDIO/VIDEO I.C.'s	MICROPROCESSOR I.C.'s	MICROCOMPUTER SYSTEMS	OPTOELECTRONICS	MICROWAVE	MODULES/HYBRIDS	POWER SUPPLIES
	SECTION NUMBER														
Divider, Frequency					13										
DMA Controller										6					
DPM Module						20									
Driver-Bus						3									
Driver-Clock						4								11	
Driver-Clock Generator										8/9					
Driver-Display (Digital)						6								12	
Driver-Line						3									
Driver-Memory						4								11	
Driver-Optoelect Photoelectronic, IR												46			
Driver-Peripheral						5									
Driver-Power						5								21	
Drivers/Predrivers/Scalers					27										
DTMF Decoder							11							21	
DTMF Dialer							11							21	
DTMF Filter							11							21	
DTMF Generator							11							21	
DTMF Receiver							11							21	
Dual Quad Transistor	15						13								
Dual Ramp (Slope)-A/D Converter						10								13	
Duplexer Tube													3		
DVM Module						20									
Emitter-Sensor Array Detector												45			
Emitter-Sensor Pair Detector												45			
Emitter Array												4			
Encoder-Keyboard						20									
Encoder-Priority						20									
Encoder-"X" Input to "Y" Output						20									
Encoder-"X" Line to "Y" Line						20									
Encoder/Decoder					27									21	
Encoder/Decoder Remote Cont. Sets									7						
Encryption						20									
Error Detection/Correction Unit										9					
Facsimile Circuit							11								
Fast Carry Counter					11										
Fiberoptic XCURS/XMTRS												46			
Field Effect Transistor	6-7			14/15											
Field Prog Logic Array (FPLA)								20							
FIFO								7							
Filter-Active							11							21	
Filter-DTMF, Telecomm Equipment							11								
Filter (Transversal)							3								
Flip/Flop					4										
Flip/Flop (J-K)					4										
Flip/Flop (R-S)					4										
Flip/Flop (R-S-T)					4										
Flip/Flop (T)					4										
Flip/Flop, Complementary (R-S)					4										
Flip/Flop (D Type)					4										
Floppy Disk Controller						20				6	4				
Floppy Disk Read Amplifier						20									
Fluid Detector							9								
FM Multiplexer									3					21	
FM Receiver									3						
Frequency Divider					13										
Frequency Synthesizer							6								
Frequency to DC Converter							6							21	
Full Adder					15										
Function Generator							3							21	
Game-Video									6						
Gap Detector												45			
Gate Turnoff			5	25											
Gates					5										
Generator					27										
Generator-Baud Rate						20									

TITLE OF PUBLICATION (column headings); SECTION NUMBER (cell values)

COMPONENT	TRANSISTOR	DIODE	THYRISTOR	POWER SEMICONDUCTOR	DIGITAL I.C.'s	INTERFACE I.C.'s	LINEAR I.C.'s	MEMORY I.C.'s	AUDIO/VIDEO I.C.'s	MICROPROCESSOR I.C.'s	MICROCOMPUTER SYSTEMS	OPTOELECTRONICS	MICROWAVE	MODULES/HYBRIDS	POWER SUPPLIES
	SECTION NUMBER														
Generator-Character								4							
Generator-Clock										9					
Generator-DTMF						20									
Generator-Function							3							21	
Generator-Look-ahead Carry					19										
Generator-Parity Checker					25										
Generator-Sin/Cos Function							3							21	
Generator-Special Device					27										
Generator/Oscillator-Sine/Sq/Tri							3								
Generator-Video Display									7						
Gray Code Counter					11										
Ground Fault Interrupt							7								
Gunn Diode													8		
Half Adder					15										
Hall Effect Device							9								
Harmonic Generator Diode													8		
Hex Bus Buffer, Inverting/Non-Invert					5										
Hexadecimal Counter					11										
High Voltage/High Current Driver														21	
I/O Converter										7					
Identity Comparator					17										
Image Scanning/Matrix Sensor												46			
Infrared Detector												10			
Infrared Emitting Diode												3			
Instrumentation Amplifier							2								
Integrated Logic/Display												46			
Integrated Thyristor/Rectifier (ITR)			5												
Interface-General Purpose										7/8					
Interface-Parallel Peripheral										7/8					
Interface-Programmable										7/8					
Interrupt System-Priority Encoder						20				8/9					
Interrupt System Controller										8					
Inverters-Hex					5										
Inverting						2									
Isolation Amplifier							2								
Keyboard Encoder						20									
Keyboard Encoder Controller										6	4				
Keyless Lock CKT									7						
Klystron Tube													2		
Ladder Network						9									
Laser Diode												2			
Latches					26										
Latches Display						6									
LC Oscillator					12										
LDR-Light Dependent Resistor												16			
LED-Negative Resistive												2			
LED Array												4			
LED Display												35			
LED-Dichromatic, Multicolor												4			
Level Detector, Analog							7,14							21	
Level Detector, Voltage							7,14								
LIFO								20							
Light Activated Switch			5	25											
Light Dependent Resistor												16			
Light Emitting Diode												2			
Light Pen												46			
Limiter-Current		7					7								
Limiter-Microwave													8		
Limiter-Voltage							7								
Line Driver/Transmitter-Differential						3									
Line Driver/Transmitter-Single-Ended						3									
Line Receiver-Differential						15									
Line Receiver-Single-Ended						15									
Line Scanning Sensor												46			
Line Transceiver-Differential						16									

COMPONENT	TRANSISTOR	DIODE	THYRISTOR	POWER SEMICONDUCTOR	DIGITAL I.C.'s	INTERFACE I.C.'s	LINEAR I.C.'s	MEMORY I.C.'s	AUDIO/VIDEO I.C.'s	MICROPROCESSOR I.C.'s	MICROCOMPUTER SYSTEMS	OPTOELECTRONICS	MICROWAVE	MODULES/HYBRIDS	POWER SUPPLIES
	TITLE OF PUBLICATION / **SECTION NUMBER**														
Line Transceiver-Single-Ended						16									
Linear Power Supplies															2
Liquid Crystal Display												36			
Logarithmic Amplifier							3							21	
Logic-Special Device					27										
Logic Buffer/Driver						2									
Logic Level Converter						10								21	
Logic Level Translators						10									
Logarithmic Conversion Diode		7													
Look-Ahead Carry Generator					19										
Magnetic Bubble Memory								20							
Magnetic Bubble Memory Sense Amp.						17									
Magnetic Tape Controller										6	4				
Magnetic Tape Preamplifier						20									
Magnetic Tape Sense Amplifier						17									
Magnetron Tube													2		
Magnitude Comparator					17										
Matched Pair (PNP & NPN)	15						13								
Matrix/Image Scanning Sensor												46			
Memory-Content Addressable								20							
Memory-Magnetic Bubble								20							
Memory-Mgmt Unit										9					
Memory Driver						4		20						11	
Memory Interface Controller										6	4				
Memory Interface Sub-system						20									
Microcomputer Bus Controller										6					
Microcontroller										6					
Microprocessor-Card Set											2				
Microprocessor-Chip-Single										3					
Microprocessor-Chip-Set										3					
Microprocessor Converter										9					
Microwave-Ring/Bridge Quad													8		
Microwave-Special Device													8		
Microwave Amplifier													8		
Microwave Detector													8		
Microwave Limiter													8		
Microwave Mixer Diode													4		
Microwave Oscillator													8		
Microwave Transistor													10		
Microwave Trans.-Junction Field Eff.													10		
Microwave Transistor-MOSFET													10		
Microwave Video Detector Devices													5		
Mixer													8	21	
MOD/DEMOD-Slope Delta (Telephone)							11								
MODEM							11		3					21	
Modulator-Pulse Width							11								
Modulator-Ring							11								
Monostable Multivibrator					12										
MOS FET-Microwave													10		
MOS Sense Amplifier						17									
Motion Detector									7						
Motor Speed Controller							4		7					21	
Motor Starting CKT							4								
Multiplexer						13									
Multiplexer-FM									3					21	
Multiplier					16		3	20					8	21	
Multivibrator-Astable					12										
Multivibrator-Monostable					12		12								
MUX						13									
MUX-Analog						12								15	
MUX-Display						6									
MUX-Digital						13									
MUX-Programmable								20							
Negative Resistive LED												2			
NMOS Sense Amplifier						17									

COMPONENT	TRANSISTOR	DIODE	THYRISTOR	POWER SEMICONDUCTOR	DIGITAL I.C.'s	INTERFACE I.C.'s	LINEAR I.C.'s	MEMORY I.C.'s	AUDIO/VIDEO I.C.'s	MICROPROCESSOR I.C.'s	MICROCOMPUTER SYSTEMS	OPTOELECTRONICS	MICROWAVE	MODULES/HYBRIDS	POWER SUPPLIES
	TITLE OF PUBLICATION														
	SECTION NUMBER														
Noise Diode													8		
Noise Generator Circuit							**3**								
Noise Generator Diode		7													
Null Detector												**46**			
Operational Amplifiers							5							2	
Optical Limit Switch												45			
Optically Isolated Logic Gate												**46**			
Optoelectronic Amplifier												46			
Optoelectronic Controller												**46**			
Optoelectronic Driver												46			
Optoelectronic Switch or Relay												45			
Opto-isolator												**25-29**			
Oscillator							6							21	
Oscillator Diode													**8**		
Oscillator-Crystal Controlled					12										
Oscillator-Display						6									
Oscillator-LC					**12**										
Oscillator-Microwave													8		
Oscillator-RC					**12**		**3,6,12**								
Oscillator-Sine/Sq/Triangle Wave							3							21	
Oscillator-Tuning Fork					12										
Oscillator-Varactor Tuner													**8**		
Oscillator-Voltage Controlled					12									21	
Oscillator-Volt. Controlled Crystal							**10,6**								
Over Voltage Protector							7							21	
Paper Tape Controller						20				6					
Parallel A/D Converter						**8**								**13**	
Parallel Communication Transceiver										9					
Parallel Peripheral Interface										**9**					
Parity Generator/Checker					25										
Peripheral Driver						5									
Peripheral Interface Adapter (PIA)										**7**					
PGA (Programmable Gate Array)								20							
Phase Control Circuit							**6,7**							**21**	
Phase Lock Loop							6							21	
Photo Bridge												46			
Photo Circuit												**14**			
Photoconductive Cell												16			
Photocoupler-Photocell Output												**25**			
Photocoupler-Photocircuit Output												29			
Photocoupler-Photodarlington Output												27			
Photocoupler-Photothyristor Output												**28**			
Photocoupler-Phototransistor Output												26			
Photodarlington												**12**			
Photodiode												10			
Photodiode, IR Detector												10			
Photodiode, LASER Detector												**10**			
Photodiode Array												15			
Photo Potentiometer												**46**			
Photothyristor												13			
Phototransistor												11			
Phototransistor Array												**15**			
Photovoltaic Array												18			
Photovoltaic Cell (Solar;IR Detectors)												**17**			
PIN Diode													8		
PIN Photo Diode												10			
PLA (Programmable Logic Array)								**20**							
PLL-Phase Lock Loop							6								
PLS (Programmable Logic Sequence)								**20**							
Potentiometer Circuit							3								
Potentiometer-Photo												46			
Power-Integrated Thyristor/Rectifier			**5**	**25**											
Power-SCR			3	20-23											
Power-Triac			**4**	**24**											
Power Device						5									

	TITLE OF PUBLICATION														
	TRANSISTOR	DIODE	THYRISTOR	POWER SEMICONDUCTOR	DIGITAL I.C.'s	INTERFACE I.C.'s	LINEAR I.C.'s	MEMORY I.C.'s	AUDIO/VIDEO I.C.'s	MICROPROCESSOR I.C.'s	MICROCOMPUTER SYSTEMS	OPTOELECTRONICS	MICROWAVE	MODULES/HYBRIDS	POWER SUPPLIES
COMPONENT	**SECTION NUMBER**														
Power-Drivers Peripheral						5								21	
Power Supplies Linear															2
Power Supplies Switching															3
Power Supply-Switching-Controller							7								
Power Supply Controller, TV							7		7						
Pre-drivers					27										
Prescaler					27				6						
Pressure/Temp Sensor Transistor							9								
Printer Controller										6	4				
Priority Encoder						20									
Priority Encoder-Interrupt System						20				8					
Program Sequence Controller										6					
Program Storage Unit (PSU)								20		8					
Programmable Gain Amplifier							2,15							21	
Programmable Gate Array (PGA)								20							
Programmable Interface						20									
Programmable Logic Array (PLA)								20							
Programmable Logic Sequence (PLS)								20							
Programmable Multiplexer								20							
Programmable Power Source						20								21	
Programmable Read Only Memory								3							
Programmable ROM Patch (PRP)								20							
Prog. Unijunc. Trans. (PUT)-Thyristor			6												
Programmer/Sequencer						20								21	
PROM								3							
Proximity Switch, Solid State							9								
PRP (Programmable ROM Patch)								20							
PSU (Program Storage Unit)								20		8					
Pulse Dialer						20									
Pulse Width Modulator							4								
Pulse Width Modulator Control CKT							4								
PUT (Prog. Unijunction Trans.)			6												
Pyroelectric Detector												45			
Quadrant Detector												46			
Radiation Detector Diode		7													
Radiation Resistant Diode		7													
Radiation Resistant Transistor	15														
Radio, AM									3						
Radio, FM									3						
RAM								2		4					
RC Oscillator					12										
RC Timer					10										
RCT (Reverse Conducting Triode)			5	25											
Read/Write Memory								2		4					
Receiver-DTMF						20									
Rectifier		5		2-5											
Rectifier-Bridge		5													
Rectifier Diode		4		2-5											
Rectifier-Silicon Controlled			3	20-23											
Reference Amplifier							2							21	
Reference Diode		2													
Reflex Detector												45			
Register File								7							
Regulator-Voltage							7							6	
Relay Lamp Driver						5									
Relay Solid State						11									
Remote Control Unit-General Purpose						20			7						
Remote Control Unit-Receiver									6						
Remote Control Unit-Transmitter									6						
Repertory Dialer							11								
Resolver to Digital A/D Converter						8									
Reverse Conducting Triode (RCT)			5	25											
RF/IF Amplifiers							8		2					4	
RF Power Amplifier Transistor	15														
Ring/Bridge Quad													8		

COMPONENT	TRANSISTOR	DIODE	THYRISTOR	POWER SEMICONDUCTOR	DIGITAL I.C.'s	INTERFACE I.C.'s	LINEAR I.C.'s	MEMORY I.C.'s	AUDIO/VIDEO I.C.'s	MICROPROCESSOR I.C.'s	MICROCOMPUTER SYSTEMS	OPTOELECTRONICS	MICROWAVE	MODULES/HYBRIDS	POWER SUPPLIES
	TITLE OF PUBLICATION														
	SECTION NUMBER														
Ring/Johnson Counter					11										
Ring Modulator							**11**								
Ring/Quad Diode													8		
RMS to DC Converter							**3**								
ROM								3		5					
ROM, Speech Synthesis									7						
SAS			**6**												
Sample/Hold						18								17	
Sample/Hold Amplifier						**18**								**21**	
SAT (Silicon Asymmetrical Trigger)			2												
SBS (Silicon Bi-directional Switch)			6												
SCA (Silicon Controlled Assembly)			**7**												
Scaler					27										
Schmitt Trigger						**19**									
Schottky-Barrier Diode		7													
SCR			3	20-23											
Sense Amplifier						**17**									
Sense Amplifier-Amorphous						17									
Sense Amplifier-Core						**17**									
Sense Amp-Magnetic Bubble Mem.						17									
Sense Amplifier-Magnetic Tape						17									
Sense Amplifier-MOS						**17**									
Sense Amplifier-NMOS						17									
Sensor-Array-Photodiode												**15**			
Sensor-Array-Phototransistor												15			
Sensor-Array-Photovoltaic												18			
Sensor-Line-Scanning												**46**			
Sensor-Matrix/Image Scanning												46			
Sensor-Photocircuit-Camera Control									**7**			**14**			
Sensor-Photocircuit-Darlington Stage												14			
Sensor-Photocircuit-Light to Freq.												14			
Sensor-Photocircuit-Multifunc. Proc.												**14**			
Sensor-Photocircuit-Oper. Amp.												14			
Sensor-Photocircuit-Optical Receiv.												**14**			
Sensor-Photocircuit-Oscillator												14			
Sensor-Photocircuit-Schmitt Trigger												14			
Sensor-Photocircuit-Transistor Stage												**14**			
Sensor-Photoconductive Cell												16			
Sensor-Photodarlington												**12**			
Sensor-Photodiode-Avalanche												10			
Sensor-Photodiode-IR Detector												10			
Sensor-Photodiode-Laser Detector												**10**			
Sensor-Photodiode-Multielement												10			
Sensor-Photodiode-Pin												**10**			
Sensor-Photodiode-Special Purpose												10			
Sensor-Photothyristor												13			
Sensor-Phototransistor-Field Eff.												**11**			
Sensor-Photovoltaic Cell												17			
Sensor-Temperature							**9**								
Serial Communication Controller						20					4				
Servo Amplifier							4								
Shift Controller										**6**					
Shift Register								7							
Shift Register/Analog							**3**								
Shockley Diode			2												
Signal Processor						20	3		3-4					21	
Signal Conditioner						**20**	**3**							**21**	
Silicon Asymm. Switch (SAS) Trig.			6												
Silicon Asymmetrical Trigger (SAT)			**2**												
Silicon Bi-directional Switch (SBS)			6												
Silicon Bi-directional Switch Trigger			6												
Silicon Controlled Assembly (SCA)			**7**												
Silicon Controlled Bridges			7												
Silicon Controlled Rectifier (SCR)			**3**	**20-23**											
Silicon Controlled Switches (4 Term)			7												

COMPONENT	TRANSISTOR	DIODE	THYRISTOR	POWER SEMICONDUCTOR	DIGITAL I.C.'s	INTERFACE I.C.'s	LINEAR I.C.'s	MEMORY I.C.'s	AUDIO/VIDEO I.C.'s	MICROPROCESSOR I.C.'s	MICROCOMPUTER SYSTEMS	OPTOELECTRONICS	MICROWAVE	MODULES/HYBRIDS	POWER SUPPLIES
	TITLE OF PUBLICATION — SECTION NUMBER														
Silicon Field Effect Trans.-P Channel	6			14											
Silicon Field Effect Trans.-N Channel	7			15											
Silicon Undirectional Switch			6												
Sin/Cos Function Generator							3							21	
Sine/Square/Triangle Wave Oscillator							3							21	
Single Chip Microprocessor										3					
Single Ended Line Driver/Transmitter						3									
Single Ended Line Receiver						15									
Single Ended Line Transceiver						16									
Solar Cell												17			
Speech Circuit (telephone)							11								
Speech Generator									6						
Speech Synthesizer									6						
SPDT Analog Gate Switches						11									
Squaring Amplifier							3								
SSNC Analog Gate Switches						11									
SSNO Analog Gate Switches						11									
Stabilizer-Current							7							21	
Stabilizer-Voltage							7							21	
Stabistor-Regulating Diode		7													
Step Recovery Diode													8		
Stepper Motor Circuit							9								
Stereo Decoder									3						
Storage					27										
Storage Register								7							
Storage-Special Device					27										
Storage/Shift Register/RAM-ROM								20							
Straight Binary Counter					11										
Subscriber Loop Interface (SLIC)						20	11								
Subtractor					15										
Successive Approx A/D Converter						8								13	
Successive Approximation Register						20								21	
SUS (Silicon Undirectional Switch)			6												
Switch-Cross Point							11								
Switch-Debouncer						20									
Switch-Hall Effect							9								
Switch-Light Activated			5	25											
Switch-Optical Limit												45			
Switch, Proximity, Solid State							9								
Switch-Silicon Undirectional			6												
Switch-Solid State					11								21		
Switch-Zero Voltage							7								
Switch, Touch Control, Interface						20									
Switch Driver						7								21	
Switches (4 Term)-Silicon Controlled			7												
Switch Mode Regulator							7								
Switching Diode		4													
Switching Network-DAC Current						9									
Switching Power Supply Controller							7								
Switching Power Supplies															3
Switching Transistor	12			12									8		
Switching Voltage Regulator							7								
Synchro Conversion Device						20								9	
Synchro Related Devices						20									
Synchro to Digital A/D Converter						8									
Tape System									3						
Telephone Switching Circuit							11								
Telex Circuit							11								
Telecom. Device (Telephone)						8								21	
Temp. Controlled Differential Pair							9								
Temperature Transducer						20	9								
Terminator						20									
Thermopile Detector												46			
Thyristor-ACS-AC Switch			5	25											
Thyristor-GTO-Gate Turnoff Device			5	25											

TITLE OF PUBLICATION / SECTION NUMBER

COMPONENT	TRANSISTOR	DIODE	THYRISTOR	POWER SEMICONDUCTOR	DIGITAL I.C.'s	INTERFACE I.C.'s	LINEAR I.C.'s	MEMORY I.C.'s	AUDIO/VIDEO I.C.'s	MICROPROCESSOR I.C.'s	MICROCOMPUTER SYSTEMS	OPTOELECTRONICS	MICROWAVE	MODULES/HYBRIDS	POWER SUPPLIES
Thyristor-ITR-Integrated			5	25											
Thyristor/Rectifier			5	25											
Thyristor-LAS-Light Activated Switch			5	25											
Transistor (PUT)			6												
Thyristor-RCT-Rev Conducting Triode			5	25											
Thyristor-Silicon Asym. Switch (SAS)			6												
Thyristor-Silicon Bidirect Switch (SBS)			6												
Thyristor-Silicon Undirect Switch (SUS)			6												
Time Base/Counter					10										
Time Delays					10										
Timer-RC					10		12								
Time Slot Assigner Circuit							11								
Tone Ringer							11								
Touch Control Switch Interface						20			7						
Track & Hold Amplifier						20								21	
Transceiver-Line						16									
Transceiver-Parallel Communications						20									
Transducer-Device						20								21	
Transient Voltage Suppressor Diode		7													
Transistor-Avalanche Mode	15														
Transistor-Bidirectional	15														
Transistor-Complementary Symmetry	15														
Transistor-Darlington	13			13											
Transistor-Dual/Quad	15						13								
Transistor-Field Effect	6-7			14/15											
Transistor-Field Effect-N Channel	7			15											
Transistor-Field Effect-P Channel	6			14											
Transistor-Junction Field Effect MW													10		
Transistor-Matched Pair	15														
Transistor-Microwave													10		
Transistor-MOSFET-Microwave													10		
Transistor-NPN-HiPower-Germanium	9			10											
Transistor-NPN-HiPower-Silicon	11			11											
Transistor-NPN-LoPower-Germanium	3														
Transistor-NPN-LoPower-Silicon	5														
Transistor-Photo												11			
Transistor-PNP-HiPower-Germanium	8			10											
Transistor-PNP-HiPower-Silicon	10			11											
Transistor-PNP-LoPower-Germanium	2														
Transistor-PNP-LoPower-Silicon	4														
Transistor-Pressure/Temp. Sensor							9								
Transistor-Programmable Unijunction			3												
Transistor-Radiation Resistant	15														
Transistor-Silicon Field Eff. N Channel	7			15											
Transistor-Silicon Field Eff. P Channel	6			14											
Transistor-Switching	12			12									8		
Transistor-UHF/Microwave													10		
Transistor-Unijunction N	15														
Transistor-Unijunction P	15														
Transistor Array	14														
Transistor Chips	15														
Transistor Chopper	15														
Translators-Logic Level						10									
Transmitter/Encoder						16									
Traveling Wave Tube													2		
Triac			4	24											
Trigger-Schmitt						19									
Trigger-Silicon Asymmetrical			6												
Trigger-Silicon Asymmetrical Switch			6												
Triode-Reverse Conducting			5	25											
TTY Interface/Controller						20				6					
Tube-Backward Wave													2		
Tube-Duplexer													3		
Tube-Klystron													2		
Tube-Magnetron													2		

	TITLE OF PUBLICATION														
	TRANSISTOR	DIODE	THYRISTOR	POWER SEMICONDUCTOR	DIGITAL I.C.'s	INTERFACE I C.'s	LINEAR I C.'s	MEMORY I.C.'s	AUDIO/VIDEO I.C.'s	MICROPROCESSOR I.C.'s	MICROCOMPUTER SYSTEMS	OPTOELECTRONICS	MICROWAVE	MODULES/HYBRIDS	POWER SUPPLIES
COMPONENT	**SECTION NUMBER**														
Tube-Traveling Wave													2		
Tuning Fork Controlled Oscillator					12										
Tunnel Diode													7		
TV-B/W									4						
TV-Color									5						
UART						20								21	
UHF Detector Diode		7													
UHF Mixer Diode		7													
UHF Microwave Transistor													10		
Ultrasonic Device						20			3						
Unified Bus Comparator					17										
Unijunction Transistor-Programmable			6												
Univ Asynchronous Rec/Trans						20								21	
Univ Synchronous Rec/Trans						20								21	
(USYNR/T)						20									
USYNRT						20									
Varactor Diode													6		
Varistor		7													
Video Circuits									4						
Video Detector Devices													5		
Video Game									6						
Video Modulator							11		7						
Voice/Data Circuit							11								
Voice Synthesis									7						
Voltage Comparator							14							7	
Voltage Controlled Amp							3								
Voltage Controlled Crystal Oscillator					12		6								
Voltage Controlled Oscillator					12		6		7					21	
Voltage Follower							2							21	
Voltage Level Detector							7,14			•					
Voltage Limiter							7								
Voltage Reference Precision							15								
Voltage Reference Amplifier							15								
Voltage Regulator							7		7					6	
Voltage Regulator-Diode		2													
Voltage Stabilizer							7		7					21	
Voltage to Frequency Converter							6							21	
Voltage Variable Capacitor													6		
Wideband Amplifier							16		4					5	
Window Detector							14								
Zero Voltage Switch							7								
X-Mitter (UART)						20									
X-Mitter (USYNR/T)						20									

INTERPRETER – LINEAR DISCONTINUED DEVICES
SYMBOLS & CODES EXPLAINED

SYMBOLS & CODES COMMON TO ALL TECHNICAL SECTIONS

⍁ △ % — Indicators of separate manufacturers producing same type number (non-JEDEC), whose characteristics are not the same. This manufacturer-identifying symbol (assigned by D.A.T.A.) is an integral part of the type number (in Type No. Cross Index, Technical Data Sections) to avoid the possibility of confusing the devices of one manufacturer with the devices of others.

#1, #2,: Device has two or more modes of operation – listed on separate lines in the same technical section.

-RT: Suffix indicates device is a replacement type; consult manufacturer.

LINE No.

▼ – New Type
♦ – Revised Specification
– Non-JEDEC type Manufactured outside U.S.A.

TYPE No.

§ – Device has two or more modes of operation – listed in separate technical sections

OUTLINE DRAWINGS

Printed circuit board
CH: Chip (unmounted die)
CN: Can type - non-JEDEC outline
DL: Dual-in-line pkg.
FP: Flat pack - non-JEDEC outline
LL: Leadless chip carrier pkg.
MD: Mini DIP
MT: Mounting tab outline
MP: Molded or encapsulated package not included in other categories
MS: Miscellanous
QL: Quad-in-line pkg.
TO: Outline in accordance with JEDEC registration
OCT: Octal plug-in (no dwg. shown)
⍁: Package style - actual dimensions not specified

OPERATING TEMP. RANGE CODE

0 – 0 up to 9°
1 – 10 up to 19°
2 – 20 up to 29°
3 – 30 up to 39°
4 – 40 up to 49°
5 – 50 up to 59°
6 – 60 up to 69°
7 – 70 up to 79°
8 – 80 up to 89°
9 – 90 up to 99°
A – 100 up to 109°
B – 110 up to 119°
C – 120 up to 129°
D – 130 up to 139°
E – 140 up to 149°
F – 150 up to 159°
G – 160 up to 169°
H – 170 up to 179°
J – 180 up to 189°
K – 190 up to 199°
M – 200°C and above

5 C

$ Both values of temp. are pos. Max. value only is indicated.

Examples Of Operating Temp. Range Code:

5	C
Min. value lies between -50°C and -59°C	Max. value lies between +120°C and + 129°C

OR

$	8
Both values of temp. are pos. Max. value only as indicated.	Max. value lies between +80° and +89°C

TECHNICAL FIELDS

⍁ – Maximum
† – Typical
* – Minimum
△ – Power or large-signal value
- - negative value of this magnitude
± – plus-and-minus value of this magnitude
§ – over operating temperature range
L – over limited temperature range
♦ – at 25°C

SECTION 2 | **AMPLIFIERS** | **SECTION 2**

INCLUDES: Buffer/Voltage Follower
Differential/Instrumentation Amplifier
Power Amplifier
Video Amplifier

TYPE NUMBER	**Type Number** The manufacturer-designated device part number.
3dB BW MIN	**Bandwidth (BW)** The range of frequencies within which the gain of the amplifier is not more than 3 dB below the value of the midband gain. Midband gain is the gain at a specified frequency or the average gain over a specified frequency range (Ref: JEDEC Std. 99/2.4.3).
I BIAS MAX	**Input Bias Current (I_{IB})** The current into* the input or the average of the currents into* the inputs when the device is in the quiescent or balanced state (Ref: JEDEC Std. 99/2.4.6).
V GAIN MIN	**Voltage Gain (A_V)** The voltage amplification of the device, normally specified as an open loop value.
VIO MAX at 25°C	**Input Offset Voltage (V_{IO})** The dc voltage that must be applied between the input terminals to force the quiescent dc output voltage to zero or another specified level (Ref: JEDEC Std. 99/2.4.4).
IIO MAX at 25°C	**Input Offset Current (I_{IO})** The difference between the currents into* the input terminals of a differential-input device in the balanced state (Ref: JEDEC Std. 99/2.4.6).
CM RNGE INPUT MIN at 25°C	**Common-Mode Input Voltage Range (V_{ICR})** The range of common-mode input voltage that, if exceeded, will cause the total harmonic distortion of the output signal resulting from the common-mode input to exceed a specified maximum value (Ref: JEDEC Std. 99/2.4.4).
2 INPT MIN at 25°C	**Differential Input Impedance (z_{id})** The small-signal impedance between two ungrounded input terminals of a differential amplifier (Ref: JEDEC 99/2.4.7).
SLEW RATE MIN at 25°C	**Slew Rate (SR)** The time rate of change of the closed-loop amplifier output voltage for a step-signal input. NOTE: Slew rate is normally measured between specified output levels using the largest input voltage step for which amplifier performance remains linear with feedback adjusted for unity amplification (Ref: JEDEC Std. 99/2.4.3).
V P-P OUTPUT MIN at 25°C	**Maximum Peak-to-Peak Output Voltage Swing ($V_{O(PP)}$)** The maximum peak-to-peak output voltage that can be obtained without waveform clipping when the quiescent dc output voltage is set at a specified reference level (Ref: JEDEC 99/2.4.5).
TOTAL VOLT RATED at 25°C	**Rated Supply Voltage** The device nominal supply voltage, referenced to ground, and representing a recommended operating condition or a test condition of the device's table of electrical characteristics. If the device requires multiple supplies, the greatest of these is cited.
P_D MAX RATED at 25°C	**DC Power Dissipation (P_D)** The total dc power supplied to the device less any power delivered from the device to the load (Ref: JEDEC Std. 99/2.2.4).
TEMP CODE	**Maximum Rated Operating Temperature Range (T_A)** A two-character code indicating the lower and upper limits of the device maximum rated operating temperature range. See the first page of this Interpreter for an explanation of these codes.
CIRCUIT DRAWING	**Circuit Drawing** Indicates the drawing number where device schematic details may be found. See section 18.

*Current out of a terminal may be considered as a negative quantity.

Continued

SECTION 2 AMPLIFIERS CONT'D SECTION 2

2. AMPLIFIERS – Buffer/Voltage Follower

IN ORDER OF (1) 3dB BW MIN (2) I BIAS MAX (3) V GAIN MIN (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] 3dB BW MIN (Hz)	[2] I BIAS MAX (A)	[3] V GAIN MIN (dB)	INPUT CHARACTERISTICS @ 25°C VIO MAX (V)	IIO MAX (A)	CM RNGE MIN (ΔV)	Z MIN (Ω)	MIN. OUTPUT CHAR @ 25°C SLEW RATE (V/us)	V P-P (ΔV)	PWR SUP @ 25°C TOTAL VOLT (V)	PD MAX (W)	TEMP CODE -+	DRAWINGS CIRCUIT	OUTLINE
	②	✪	✪	✪	✪	✪	✪	✪	✪	✪	✪	✪	✪		

② * – device contains two or more identical or matched circuits

SECTION 3 ANALOG SIGNAL PROCESSING DEVICES SECTION 3

INCLUDES: Analog Multiplier/Squarer
Analog Shift Register
Attenuator
Function Generator
Log/Antilog Amplifier
Peak Detector
RMS-to-DC Converter

TYPE NUMBER — **Type Number**
The manufacturer-designated device part number.

FREQ MAX — **Maximum Frequency**
The highest frequency signal that the device can successfully process.

INPUT RANGE MIN at 25°C — **Input Voltage Range**
The range of input voltage for which the device responds linearly.

Z INPUT MIN at 25°C — **Input Impedance**
The input impedance of the device.

TOTAL VOLT RATED at 25°C — **Rated Supply Voltage**
The device nominal supply voltage, referenced to ground, and representing a recommended operating condition or a test condition of the device's table of electrical characteristics. If the device requires multiple supplies, the greatest of these is cited.

P_D MAX RATED at 25°C — **DC Power Dissipation (P_D)**
The total dc power supplied to the device less any power delivered from the device to the load (Ref: JEDEC Std. 99/2.2.4).

TEMP CODE — **Maximum Rated Operating Temperature Range (T_A)**
A two-character code indicating the lower and upper limits of the device maximum rated operating temperature range. See the first page of this Interpreter for an explanation of these codes.

ADDITIONAL DESCRIPTION — **Additional Description**
Additional device details such as other supply voltages, linearity, or other performance or schematic features.

✪ Symbols and Codes at top of first interpreter page.

Continued

SECTION 3 ANALOG SIGNAL PROCESSING DEVICES CONT'D SECTION 3

CIRCUIT DRAWING **Circuit Drawing**
Indicates the drawing number where device schematic details may be found. See section 18.

3. ANALOG SIGNAL PROCESSING DEVICES

IN ORDER OF (1) FREQ MAX (2) INPUT RANGE (3) INPUT Z (4) TYPE NUMBER

LINE No.	4 TYPE NUMBER	1 FREQ MAX (HZ)	MIN INPUT CHAR @ 25°C: 2 INPUT RANGE (ΔV)	MIN INPUT CHAR @ 25°C: 3 Z (Ω)	PWR SUP @ 25°C RATED SPECS: TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS: PD MAX (W)	TEMP -	CODE +	ADDITIONAL DESCRIPTION	DRAWINGS: CIRCUIT	DRAWINGS: OUTLINE
		✪	✪	✪	✪	✪	✪				

SECTION 4 MOTOR CONTROL DEVICES SECTION 4

INCLUDES: Motor Speed Controller
Servo Circuit

TYPE NUMBER **Type Number**
The manufacturer-designated device part number.

IO RATED MAX **Output Current (I_O)**
The allowable device continuous output current.

TOTAL VOLT RATED at 25°C **Rated Supply Voltage**
The device nominal supply voltage, referenced to ground, and representing a recommended operating condition or a test condition of the device's table of electrical characteristics. If the device requires multiple supplies, the greatest of these is cited.

P_D MAX RATED at 25°C **DC Power Dissipation (P_D)**
The total dc power supplied to the device less any power delivered from the device to the load (Ref: JEDEC Std. 99/2.2.4).

TEMP CODE **Maximum Rated Operating Temperature Range (T_A)**
A two-character code indicating the lower and upper limits of the device maximum rated operating temperature range. See the first page of this Interpreter for an explanation of these codes.

ADDITIONAL DESCRIPTION **Additional Description**
Additional device details such as supply voltages, output range, overload protection, or other performance or schematic features.

CIRCUIT DRAWING **Circuit Drawing**
Indicates the drawing number where device schematic details may be found. See section 18.

OUTLINE DRAWING **Outline Drawing**
Indicates the drawing number where device mechanical details may be found. See section 19.

4. MOTOR CONTROL CIRCUITS

IN ORDER (1) IO RATED (2) TOTL VOLT (3) TYPE NUMBER

LINE No.	3 TYPE NUMBER	1 IO RATED MAX (A)	PWR SUP @ 25°C RATED SPECS: 2 TOTL VOLT (V)	PWR SUP @ 25°C RATED SPECS: PD MAX (W)	TEMP -	CODE +	ADDITIONAL DESCRIPTION	DRAWINGS: CIRCUIT	DRAWINGS: OUTLINE
		✪	✪	✪	✪				

✪ Symbols and Codes at top of first interpreter page.

INCLUDES: Single Op Amp
Dual Op Amp
Triple Op Amp
Quadruple Op Amp
Special Purpose Op Amp

TYPE NUMBER — **Type Number**
The manufacturer-designated device part number.

I BIAS MAX — **Input Bias Current (I_{IB})**
The current into* the input or the average of the currents into* the inputs when the device is in the quiescent or balanced state.

BW UNITY GAIN MIN — **Bandwidth, Unity Gain**
The range of frequencies within which the open-loop amplification is greater than unity (Ref: JEDEC Std. 99/2.4.3).

VIO MAX — **Input Offset Voltage (V_{IO})**
The dc voltage that must be applied between the input terminals to force the quiescent dc output voltage to zero or another specified level (Ref: JEDEC Std. 99/2.4.4).

IIO MAX — **Input Offset Current (I_{IO})**
The difference between the currents into* the input terminals of a differential-input device in the balanced state (Ref: JEDEC Std. 99/2.4.3).

VICR MIN — **Common-Mode Input Voltage Range (V_{ICR})**
The range of common-mode input voltage that, if exceeded, will cause the total harmonic distortion of the output signal resulting from the common-mode input to exceed a specified maximum value (Ref: JEDEC Std. 99/2.4.4).

ri DIFF MODE MIN — **Input Resistance (r_i)**
The small-signal parallel equivalent resistance value between the input terminals of a differential amplifier at a specified frequency (Ref: JEDEC Std. 99/2.4.7).

△VIO/△T MAX — **Temperature Coefficient of Input Offset Voltage (αV_{IO})**
The ratio of the change in input offset voltage to the change in temperature.

NOTE: This ratio is the average value for the total temperature change. The change in input offset voltage is usually not normalized to the initial value of input offset voltage (Ref: JEDEC Std. 99/2.4.9).

TOTAL VOLT RATED at 25°C — **Rated Supply Voltage**
The device nominal supply voltage, referenced to ground, and representing a recommended operating condition or a test condition of the device's table of electrical characteristics. If the device requires multiple supplies, the greatest of these is cited.

P_D MAX RATED at 25°C — **DC Power Dissipation (P_D)**
The total dc power supplied to the device less any power delivered from the device to the load (Ref: JEDEC Std. 99/2.2.4).

TEMP CODE — **Maximum Rated Operating Temperature Range (T_A)**
A two-character code indicating the lower and upper limits of the device maximum rated operating temperature range. See the first page of this Interpreter for an explanation of these codes.

ADDITIONAL DESCRIPTION — **Additional Description**
Additional device details such as compensation, or other performance or schematic features.

CIRCUIT DRAWING — **Circuit Drawing**
Indicates the drawing number where device schematic details may be found. See section 18.

*Current out of a terminal may be considered as a negative quantity.

Continued

SECTION 5 — OPERATIONAL AMPLIFIERS CONT'D — SECTION 5

5. OPERATIONAL AMPLIFIERS

IN ORDER OF (1) IIB MAX (2) BW UNITY GAIN MIN (3) VIO MAX (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
	②	✪	✪	✪	✪	✪	✪	✪	✪	✪	✪			

② † – programmable op amp characteristics given for highest specified bias current

SECTION 6 — PHASE LOCKED LOOPS — SECTION 6

INCLUDES: Phase Locked Loop
Tone Decoder
Voltage Controlled Oscillator
V/F and F/V Converter

TYPE NUMBER — **Type Number**
The manufacturer-designated device part number.

VCO f MAX — **Voltage Controlled Oscillator Frequency (f_0)**
The free-running frequency of the voltage controlled oscillator.

VCO SENS MIN — **Voltage Controlled Oscillator Sensitivity**
The ratio of the change in vco free-running frequency to the change in control voltage.

df/dT MAX — **Temperature Coefficient of Free-Running Frequency (αf_0)**
The ratio of the change in vco free-running frequency to the change in temperature.

LOCK-IN RANGE MAX — **VCO Lock-In Range**
The range of frequencies about the vco free-running frequency for which the phase locked loop will come into lock if initially started out of lock.

TOTAL VOLT RATED at 25°C — **Rated Supply Voltage**
The device nominal supply voltage, referenced to ground, and representing a recommended operating condition or a test condition of the device's table of electrical characteristics. If the device requires multiple supplies, the greatest of these is cited.

P_D MAX RATED at 25°C — **DC Power Dissipation (P_D)**
The total dc power supplied to the device less any power delivered from the device to the load (Ref: JEDEC Std. 99/2.2.4).

TEMP CODE — **Maximum Rated Operating Temperature Range (T_A)**
A two-character code indicating the lower and upper limits of the device maximum rated operating temperature range. See the first page of this Interpreter for an explanation of these codes.

ADDITIONAL DESCRIPTION — **Additional Description**
Additional device details such as total harmonic distortion, minimum input level for tracking, frequency drift with supply, or other performance of schematic features.

✪ Symbols and Codes at top of first interpreter page.

Continued

SECTION 6 | PHASE LOCKED LOOPS CONT'D | SECTION 6

CIRCUIT DRAWING **Circuit Drawing**
Indicates the drawing number where device schematic details may be found. See section 18.

6. PHASED LOCKED LOOP DEVICES

IN ORDER OF (1) VCO F MAX (2) VCO SENS MAX (3) DF/DT MAX (4) TYPE NUMBER

LINE No.	4 TYPE NUMBER	1 VCO F MAX (Hz)	2 VCO SENS MIN (Hz/V)	3 DF/DT MAX (PPM/ °C)	LOCK RANGE MAX (% OF Fo)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
		✪	✪	✪	✪	✪	✪	✪			

SECTION 7 | POWER MANAGEMENT DEVICES | SECTION 7

INCLUDES: Fixed Linear Voltage Regulator
Adjustable Linear Voltage Regulator
Switch-Mode Supply Circuit
Supply Supervisory Circuit
Zero Crossing Trigger/Phase Controller

TYPE NUMBER **Type Number**
The manufacturer-designated device part number.

VO NOM **Nominal Output Voltage**
The nominal output voltage of the device.

IL MAX **Load Current (I_L)**
The current that is supplied to the load by the regulator (Ref: JEDEC Std. 99/2.6.4).

VI-VO MIN **Input-Output Voltage Differential (V_I-V_O)**
The difference between the input voltage and the output voltage (Ref: JEDEC Std. 99/2.6.3).

TOTAL VOLT RATED at 25°C **Rated Supply Voltage**
The device nominal supply voltage, referenced to ground, and representing a recommended operating condition or a test condition of the device's table of electrical characteristics. If the device requires multiple supplies, the greatest of these is cited.

P_D MAX RATED at 25°C **DC Power Dissipation (P_D)**
The total dc power supplied to the device less any power delivered from the device to the load (Ref: JEDEC Std. 99/2.2.4).

TEMP CODE **Maximum Rated Operating Temperature Range (T_A)**
A two-character code indicating the lower and upper limits of the device maximum rated operating temperature range. See the first page of this Interpreter for an explanation of these codes.

ADDITIONAL DESCRIPTION **Additional Description**
Additional device details such as line regulation, load regulation, or other performance or schematic features.

CIRCUIT DRAWING **Circuit Drawing**
Indicates the drawing number where device schematic details may be found. See section 18.

✪ Symbols and Codes at top of first interpreter page.

Continued

SECTION 7 POWER MANAGEMENT DEVICES CONT'D SECTION 7

7. POWER-MANAGEMENT CIRCUITS

IN ORDER OF (1) VO NOM (2) IL MAX (3) VI-VO MIN (4) TYPE NUMBER

LINE No.	4 TYPE NUMBER	1 VO NOM (V)	2 IL MAX (A)	3 VI-VO MIN (ΔV)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP -	CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
		✪	✪	✪	✪	⑦✪	✪				

⑦ X – internally limited

SECTION 8 RF/IF AMPLIFIERS SECTION 8

INCLUDES: RF Amplifier

TYPE NUMBER — **Type Number**
The manufacturer-designated device part number.

f_{co} MIN — **Cutoff Frequency**
The frequency at which the voltage amplification is 3 dB below the voltage amplification at a specified frequency (Ref: JEDEC Std. 99/2.4.3).

G_p MIN at TEST FREQ — **Power Gain or Insertion Power Gain (G_p)**
The ratio, usually expressed in dB, of (1) the signal power delivered to the load after insertion of a transducer between the source and the load to (2) the signal power that was delivered to the load when the load was connected directly to the source (Ref: JEDEC Std. 99/2.4.2).

NF TYP at TEST FREQ — **Noise Figure, Average; Noise Factor, Average (F, or NF)**
The ratio of (1) the total output noise power within an output frequency band when the noise temperature of all input terminations is at the reference noise temperature, T_0, at all frequencies that contribute to the output noise to (2) that part of (1) caused by the noise of the signal-input termination within the signal-input frequency band.

NOTE 1: NF abbreviation is often used for symbol F; however, the symbol F is preferred.

NOTE 2: This ratio may be expressed logarithmically in decibels (dB) (Ref: JEDEC Std. 99/2.4.10).

TEST FREQ — **Test Frequency**
The frequency at which the noise figure and power gain are specified.

VI P-P RATED — **Peak-to-Peak Input Voltage Range**
The minimum peak-to-peak input voltage range for which the amplifier responds linearly.

Y_{12} TYP at 25°C — **Small-Signal Short-Circuit Reverse Transadmittance (Y_{12})**
The ratio of the rms input current to the rms output voltage with the input short-circuited to ac.

Y_{21} TYP at 25°C — **Small-Signal Short-Circuit Forward Transadmittance (Y_{21})**
The ratio of the rms output current to the rms input voltage with the output short-circuited to ac.

TOTAL VOLT RATED at 25°C — **Rated Supply Voltage**
The device nominal supply voltage, referenced to ground, and representing a recommended operating condition or a test condition of the device's table of electrical characteristics. If the device requires multiple supplies, the greatest of these is cited.

P_D MAX RATED at 25°C — **DC Power Dissipation (P_D)**
The total dc power supplied to the device less any power delivered from the device to the load (Ref: JEDEC Std. 99/2.2.4).

✪ Symbols and Codes at top of first interpreter page.

Continued

SECTION 8 — **RF/IF AMPLIFIERS CONT'D** — **SECTION 8**

TEMP CODE — **Maximum Rated Operating Temperature Range (T_A)**
A two-character code indicating the lower and upper limits of the device maximum rated operating temperature range. See the first page of this Interpreter for an explanation of these codes.

ADDITIONAL DESCRIPTION — **Additional Description**
Additional device details such as maximum input capacitance, or other performance or schematic features.

CIRCUIT DRAWING — **Circuit Drawing**
Indicates the drawing number where device schematic details may be found. See section 18.

8. RF/IF AMPLIFIERS – RF Amplifier

IN ORDER OF (1) FCO MIN (2) GP MIN (3) NF TYP (4) TYPE NUMBER

LINE No.	4 TYPE NUMBER	1 FCO MIN (Hz)	@ TEST FREQ 2 GP MIN (dB)	@ TEST FREQ 3 NF TYP (dB)	TEST FREQ (Hz)	VI P-P RATED (ΔV)	TYP @ 25°C Y12 (mhos)	TYP @ 25°C Y21 (mhos)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP - / CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
		✪	✪	✪	✪	✪	✪	✪	✪	✪	✪			

SECTION 9 — **SENSOR CIRCUITS** — **SECTION 9**

INCLUDES: Alarm/Security Circuit
Fluid Detector
Hall Effect Device
Temperature Sensor
Other Sensor

TYPE NUMBER — **Type Number**
The manufacturer-designated device part number.

OUTPUT TYPE — **Output Type**
The configuration of the output signal, for example, "linear voltage", or "saturating switch".

TOTAL VOLT RATED at 25°C — **Rated Supply Voltage**
The device nominal supply voltage, referenced to ground, and representing a recommended operating condition or a test condition of the device's table of electrical characteristics. If the device requires multiple supplies, the greatest of these is cited.

P_D MAX RATED at 25°C — **DC Power Dissipation (P_D)**
The total dc power supplied to the device less any power delivered from the device to the load (Ref: JEDEC Std. 99/2.2.4).

TEMP CODE — **Maximum Rated Operating Temperature Range (T_A)**
A two-character code indicating the lower and upper limits of the device maximum rated operating temperature range. See the first page of this Interpreter for an explanation of these codes.

ADDITIONAL DESCRIPTION — **Additional Description**
Additional device details such as rated output current or voltage, linearity, or other performance or schematic features.

CIRCUIT DRAWING — **Circuit Drawing**
Indicates the drawing number where device schematic details may be found. See section 18.

✪ Symbols and Codes at top of first interpreter page.

Continued

SECTION 9 SENSOR CIRCUITS CONT'D SECTION 9

9. SENSOR CIRCUITS

IN ORDER OF (1) OUTPUT (2) TYPE NUMBER

LINE No.	2 TYPE NUMBER	1 OUTPUT TYPE	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
		③	✪	✪	✪			

③ L Cur – linear current
L Vol – linear voltage
Mod – modulated
O Col – open collector
Sat – saturating switch
Other – other

SECTION 10 SPECIAL FUNCTIONS SECTION 10

INCLUDES: Constant Current Source
Other Devices

TYPE NUMBER — **Type Number**
The manufacturer-designated device part number.

TOTAL VOLT RATED at 25°C — **Rated Supply Voltage**
The device nominal supply voltage, referenced to ground, and representing a recommended operating condition or a test condition of the device's table of electrical characteristics. If the device requires multiple supplies, the greatest of these is cited.

P_D MAX RATED at 25°C — **DC Power Dissipation (P_D)**
The total dc power supplied to the device less any power delivered from the device to the load (Ref: JEDEC Std. 99/2.2.4).

TEMP CODE — **Maximum Rated Operating Temperature Range (T_A)**
A two-character code indicating the lower and upper limits of the device maximum rated operating temperature range. See the first page of this Interpreter for an explanation of these codes.

ADDITIONAL DESCRIPTION — **Additional Description**
Additional device details such as output current or voltage, linearity, or other performance of schematic features.

CIRCUIT DRAWING — **Circuit Drawing**
Indicates the drawing number where device schematic details may be found. See section 18.

10. SPECIAL FUNCTIONS

IN ORDER OF (1) TOTL VOLT (2) PD MAX (3) TYPE NUMBER

LINE No.	3 TYPE NUMBER	PWR SUP @ 25°C RATED SPECS 1 TOTL VOLT (V)	2 PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
		✪	✪	✪			

✪ Symbols and Codes at top of first interpreter page.

SECTION 11 TELECOMMUNICATION DEVICES SECTION 11

INCLUDES: Active Filter
Codec Circuit
Compander Circuit
Crosspoint Switch
Dual Tone Multi-Frequency Generator
Modem
Modulator
Pulse Code Modulator Circuit
Subscriber Loop Interface
Switching Circuit
Telephone Circuit
Telephone Dialer
Telephone Tone Ringer
Telex Circuit

TYPE NUMBER — **Type Number**
The manufacturer-designated device part number.

TOTAL VOLT RATED at 25°C — **Rated Supply Voltage**
The device nominal supply voltage, referenced to ground, and representing a recommended operating condition or a test condition of the device's table of electrical characteristics. If the device requires multiple supplies, the greatest of these is cited.

P_D MAX RATED at 25°C — **DC Power Dissipation (P_D)**
The total dc power supplied to the device less any power delivered from the device to the load (Ref: JEDEC Std. 99/2.2.4).

TEMP CODE — **Maximum Rated Operating Temperature Range (T_A)**
A two-character code indicating the lower and upper limits of the device maximum rated operating temperature range. See the first page of this Interpreter for an explanation of these codes.

ADDITIONAL DESCRIPTION — **Additional Description**
Additional device details such as technology, logic levels, additional supplies, or other performance or schematic features.

CIRCUIT DRAWING — **Circuit Drawing**
Indicates the drawing number where device schematic details may be found. See section 18.

11. TELECOMMUNICATION DEVICES

IN ORDER OF (1) TOTL VOLT (2) PD MAX (3) TYPE NUMBER

LINE No.	3 TYPE NUMBER	PWR SUP @ 25°C RATED SPECS 1 TOTL VOLT (V) ✪	2 PD MAX (W) ✪	TEMP CODE - + ✪	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE

SECTION 12 TIMERS SECTION 12

INCLUDES: Timer

TYPE NUMBER — **Type Number**
The manufacturer-designated device part number.

CKTS PER PKG — **Circuits Per Package**
The number of independent timers per device package.

MODE — **Mode**
Indicates whether the device includes a counter.

TECH — **Technology**
Indicates the dominant semiconductor technology of the device.

✪ Symbols and Codes at top of first interpreter page.

Continued

t_p MAX — **Propagation Delay Time (t_p)**
The time between the specified reference points on the input and output voltage waveforms with the output changing from one defined level (high or low) to the other defined level.

t_r OUTPUT TYP — **Rise Time (t_r)**
For a step-function change of the input signal level, the time interval between the end of the delay time (normally 10%) and that instant at which the magnitude of the output signal first passes through a specified value (normally 90%) close to its final value (Ref: JEDEC Std. 99/2.4.3).

t_f OUTPUT TYP — **Fall Time (tf)**
For a step-function change of the input signal level, the time interval between the end of the delay time (normally 90%) and that instant at which the magnitude of the output signal first passes through a specified value (normally 10%) close to its final value (Ref: JEDEC Std. 99/2.4.3).

DRIFT with TEMP — **Temperature Coefficient of Timing Interval**
The ratio of the change in timing interval to the change in temperature.

TOTAL VOLT RATED at 25°C — **Rated Supply Voltage**
The device nominal supply voltage, referenced to ground, and representing a recommended operating condition or a test condition of the device's table of electrical characteristics. If the device requires multiple supplies, the greatest of these is cited.

P_D MAX RATED at 25°C — **DC Power Dissipation (P_D)**
The total dc power supplied to the device less any power delivered from the device to the load (Ref: JEDEC Std. 99/2.2.4).

TEMP CODE — **Maximum Rated Operating Temperature Range (T_A)**
A two-character code indicating the lower and upper limits of the device maximum rated operating temperature range. See the first page of this Interpreter for an explanation of these codes.

ADDITIONAL DESCRIPTION — **Additional Description**
Additional device details such as initial timing accuracy, supply sensitivity, or other performance or schematic features.

CIRCUIT DRAWING — **Circuit Drawing**
Indicates the drawing number where device schematic details may be found. See section 18.

12. TIMERS

IN ORDER OF (1) CKTS PER PKG (2) MODE (3) TECH (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] CKTS PER PKG	[2] MODE	[3] TECH	TP MAX (s)	OUTPUT TR TYP (s)	OUTPUT TF TYP (s)	DRIFT WITH TEMP (PPM/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
			4	5	✪	✪	✪	✪	✪	✪	✪			

(4) RC – Simple RC timer
CNT – RC timer with internal counter
BIP – Bipolar
CMS – CMOS

(5) DTL – Diode-Transistor Logic
HNL – High Noise-Immunity Logic
PCH – PMOS
RTL – Resistor-Transistor Logic
TTL – Transistor-Transistor Logic

✪ Symbols and Codes at top of first interpreter page.

Continued

INTERPRETER – LINEAR DISCONTINUED DEVICES
SYMBOLS & CODES EXPLAINED

SECTION 13 **TRANSISTOR ARRAYS** **SECTION 13**

INCLUDES: CMOS FET
Common Collector
Common Emitter
Darlington
Differential
Independent
Matched Pair

TYPE NUMBER — **Type Number**
The manufacturer-designated device part number.

I_C MAX RATED — **DC Collector Current (I_C)**
The dc current into the collector (or drain) of the transistor.

V_{CEO} MAX RATED — **DC Collector-to-Emitter Voltage (V_{CEO})**
The voltage between the collector and emitter (or the drain and source) of the transistor.

POL AND MAT'L — **Polarity and Material**
The polarity, i.e., n-type or p-type, and the semiconductor, i.e., silicon or germanium, of the device.

NO OF DEV — **Number of Devices**
The number of independent, except for a common bus, transistors or transistor circuits per device package.

H_{FE} MINIMUM — **Common-Emitter DC Forward Current Gain (H_{FE})**
The ratio of the collector current to the base current under dc conditions.

@ IC — **DC Collector Current, Test**
The quiescent collector (or drain) current at which the common-emitter dc forward current gain is specified.

@ VCE — **DC Collector-to-Emitter Voltage, Test**
The quiescent collector-to-emitter voltage at which the common-emitter dc current transfer ratio is specified.

f_T MIN — **Transition Frequency (f_T)**
The product of the modulus (magnitude) of the common-emitter small-signal short-circuit forward current transfer ratio, h_{fe}, and the frequency of measurement when this frequency is sufficiently high so that the modulus (magnitude) of h_{fe} is decreasing with a slope of approximately 6 dB per octave (Ref: JEDEC Std. 77/D/1.2).

t_{on} MAX — **Current Turn-On Time ($t_{on(i)}$)**
The sum of the current delay time and the current rise time, i.e., $t_{di} + t_{ri}$ (Ref: JEDEC Std. 77/D/1.2).

P_D MAX RATED at 25°C — **DC Power Dissipation (P_D)**
The total dc power supplied to the device less any power delivered from the device to the load (Ref: JEDEC Std. 99/2.2.4).

TEMP CODE — **Maximum Rated Operating Temperature Range (T_A)**
A two-character code indicating the lower and upper limits of the device maximum rated operating temperature range. See the first page of this Interpreter for an explanation of these codes.

ADDITIONAL DESCRIPTION — **Additional Description**
Additional device details including performance or schematic features.

CIRCUIT DRAWING — **Circuit Drawing**
Indicates the drawing number where device schematic details may be found. See section 18.

13. TRANSISTOR ARRAYS

IN ORDER OF (1) IC RATED (2) VCEO RATED (3) POL AND MAT (4) NO OF DEV (5) TYPE NUMBER

LINE No.	[5] TYPE NUMBER	[1] IC RATED MAX (A)	[2] VCEO RATED MAX (V)	[3] POL AND MAT'L	[4] NO OF DEV	HFE MINIMUM	@ IC (A)	@ VCE (V)	DYNAMIC CHARACTER FT MIN (HZ)	TON MAX (S)	PD MAX (W)	TEMP -	CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT/ LEAD CODE	OUTLINE
		✪	✪	⑤		⑦✪	✪	✪	✪	✪	✪	✪	✪			

⑤ N – npn or n-channel
P – pnp or p-channel
Si – silicon

⑦ X – ac forward current gain, h_{fe}

✪ Symbols and Codes at top of first interpreter page.

Continued

LEAD CODE	LEAD CONFIGURATION 1	2	3	4
A	E	B	C	
B	E	C	B	
C	B	E	C	
D	B	C	E	
E	C	E	B	
F	C	B	E	
G	E	B	C	CASE
H	E	B1	CASE	C
J	B	E	C	CASE
K	B	E	CASE	C
L	E	C	B	C
M	B	C	CASE	E
N	C	B	E	E
P	E	B	C	C
R	E	B	E	C
S	E	C	E	B
T	B		E	
U	C	B	E	B
V	C	E	B	E
W	E		C	
X	B	C	E	CASE
Y	B	E	C	E
Z	B	E	B	C
AA	C	B	C	E
AB	E K	C	B	A
AC	E	B	C	B
AD	B	C	B	E
AE	E	B		C
AF	OMITTED	E	B	C
AG	B	E	B	C
AH	C	B	E	C
AJ	B		E	C
AK	C	E	C	B
CA	E	B1		B2 CASE
CB	B1	E	B2	
CC	E	B1		B2
CD	E	B2	B1	
CE	K	G	A	
CF	A	G	K	
CG	B2	E	B1	
CH	E	B1	B2	
CJ	G	E	C (Case)	
DA	S	G	D	
DB	S	D	G	
DC	D	G	S	
DD	D	S	G	
DE	G	S	D	
DF	G	D	S	
DG	S	G	D	CASE
DH	S	D	G	CASE
DJ	D	S	G	CASE
DK	D	G	S	CASE
DM	D	G	SUB CASE	S
DN	S SUB	G	D	SUB CASE
DP	D	G	S	SUB CASE
DQ	S SUB	D	G	
DR	S	G	D	SUB CASE
DS	D	G	SUB	S
DT	D	G	S	SUB
DU	S	G1	D	G2 CASE
DV	S	G1	D	G2 SUB
DW	D	S	G	SUB CASE
DX	D	G2	G1	S SUB
DY	S	D	G2 CASE	G1
DZ	G	D	SUB CASE	S

LEAD CODE GROUPING	
A -BZ	Bipolar
CA-CZ	UJT
DA-FZ	FET
GA-HZ	MultiElement (2 to 4 Lead)
KA-KZ	Darlington
PA-RZ	MultiElement (5 to 9 Lead)

LEAD CODE	LEAD CONFIGURATION 1	2	3	4
EA	G1	G2	D	S
EB	S	D	G	G
EC	D	S	G1	G2 SUB
ED	G	S1	D	S2
EE	G1	S	G2	D
EF	S1	G	S2	D
EG	D	G	C	S
EH	S	G1	G2	D
EJ	SUB	D	S	G
EK	SUB	S	DRAIN	G
EM	S SUB CASE	G	D	
EN	S	D	G2	G1
EP	D	G	S SUB	
EQ	G1	G2	S	D
ER	D	S	SUB CASE	G
ES	G2	G1	SUB CASE	D
ET	S SUB	D	G2	G1
EU	SUB S	G1	D	G2
EV	S SUB	G	D	
EW	CASE	D	G	S
EX	S	D	S	G
EY	S	G	S	D
FA	B/C	E		
FB	S	D	G	SUB CASE
FC	G	D	S SUB CASE	
FD	G	S, SUB	D	
FE	G	D	S	D
FF	S	G2	G1	D
FG	G	S	D	D
FH	C	B1	B2	E
FH	G1	S	D	G2
GA	E	B1	C	B2
GB	C	B1	E	B2
GC	E1	B	C	E2
GD	E1	B	E2	C
GE	C	E1	B	E2
GF	E	B1		B2
GG	E2	E1	B	C
GH	E2	B	E1	C
GJ	B	E1	C	E2
GK	B1	E	C	B2
GM	B1	C	E	B2
GN	E	B2	B1	C
GP	E1	E2	B	
GQ	E2	B2	B1	E1
GR	B2	E	C	B1
GS	G	B	D	S
KA	E2	B1	C1/C2	E1/B2
KB	E2	C1/C2	B1	
KC	E2	B1	C1/C2	
KD	E2	E1/B2	B1	C1/C2
KE	B1	C1/C2	E2	
KF	B1	E2	C1/C2	
KH	B1	C1/C2	E2	CASE
KJ	E2	E1/B2	B1	
KK	B1	NC	E2	C1/C2
KM	E	B2	B1	C
KN	C1/C2	B1	E2	C1/C2
KQ	B	C	E	C

ABBREV.	TERM
A	Anode
B	Base
B1	Base 1
C	Collector
C1/C2	Collector (1/2)
D	Drain
E	Emitter
E1/B2	Emitter 1/Base 2
E2	Emitter 2
G	Gate
K	Cathode
S	Source
Case	Case/Shield
Sub	Substrate

LEAD CODE	LEAD CONFIGURATION 1	2	3	4	5	6	7	8	9
PA	C1	B1	E1		E2	B2	C2		
PB	B1	E1		E2	B2		C2		C1
PC	S1	D1	G1	S2	D2	G2			
PD	E1	B1	C1		C2	B2	E2		
PE	S1	D1	G1	SUB	S2	D2	G2		
PF	S1	D1	G1	C	S2	D2	G2		
PG	B2	E2	C2	B1	E1	C1			
PH	B2	E1/E2	C2	B1	E1/E2	C1			
PJ	S1	D1	G1		S2	D2	G2		
PK		S1/S2 CASE	SUB		D2	G2	G1	D1	
PL	E1	B1	C1	E2	B2	C2			
PM	E1	B1	C1		E2	B2	C2		
PN	E1	C1	B1	E2	C2	B2			
PP	E2	E1		B1	C	B2			
PQ	E1	B1	C1	CASE	C2	B2	E2	TAB	
PR	C1	B1	E1	E2	B2	C2			
PS	E1	E2	C2		B2	B1	C1		
PT	D1	G1		SUB		G2	D2	S	
PU	D1		G1	SUB	G2		D2	S	
PV	D1	S1		S2	D2		G2		G1
PW	S1	D1	G1	BASE	G2	D2	S1		
PX	D1		G1	BASE	G2		D2	S	
PY	D1	S1	G1	SUB	G2	S2	D2		
PZ	S1	D1	G1	SUB	G2	S2	D2		
QA	S1	G1	D1	SUB	S2	G2	D2		
QB	S1	G1	D1		D2	G2	S2	SUB	
QC	D1	S1	G1		G2	S2	D2		
QD	G1	S1	D1	D2	S2	G2			
QE	B1	C1	C2	B2	E1/E2	D2			
QF	E1/E2	C1	B2	E1/E2	C1	B1			
QG	E1	C1	C2	E2	B2	B1			
QH	E1/E2	C1	C2	E1/E2	B2	B1			
QJ	E1	C1	B2	E2	C2	B1			
QK	E2	B1	C	B2/E1					
QM	B2	C2	C1	B1	E1/E2				
QN	E1	B1	B2	E2	C2	C1			
QP	E1/E2	B1	B2	E1/E2	C2	C1			
QQ		S1	D1	G1	S2	D2	G2		
QR		E1	B1	C1 E2	Pin 14 B2	Pin 13 C2	Pin 12		
QS	E1	B1	C1	SUB	C2	B2	E2	SUB	
QT	S1	D1		G1	S2	D2		G2	
QU	S1	G1	D1	D2	G2	S2			
QV	S1	G1	D1		D2	G2	S2		
QW	S1	D1		G1	S2	D2		G2	
QX	D1		G1	BASE	G2		D2	S1/S2	
QY	B1	B2		E2	E1	C			
QZ	E1	C1	B1	B2	C2	E2			
RA	B2	E1/E2	C2	C1	E1/E2	B1			
RB	B2	E2	C2	C1	E1	B1			
RC	D1	G1	S1		D2	G2	S2		
RD	B1	B2	E2		E1	C1/C2			
RE	E2	B2	C2	C1	B1	E1			
RF	B1	C1	E1/E2	C2	B2				
RG	E1	C1	B1/B2	C2	E2				
RH	S1	D1	G1	SUB	S2	D2	G2	SUB	
RJ	D1	G1	S1	SUB	S2	G2	D2		
RK	B	E	B	B	C	B			
RL	E1/E2	C1	C2	E1/E2	E1/E2	B2	B1	E1/E2	
RM	E	C	E	E	B	E			
RN	EA1	B1	EB1		EB2	B2	EA2	C1/C2	
RP	C	E	E	B	E	E			
RQ	E	B	E	E	C	E			
RR	B1	C1	E1	E2	C2	B2			
RS	D2	G2	S2	S1	G1	D1			
RT	E	B	E	E	C	E			
RU	S	S	S	S	D	G			
RV	C	E	B	E (Flange)	E				
RW	C	B	E	E (Flange)	E				
RX	C	E	E	B	E (Flange)	E			
RY	C	B	B	E	B	B (Flange)	B		
RZ	S	D	S	S	G	S			
SA	S	G1	G2	S	S	D1	D2	S	
SB	E	E	B	E	E	C			
SC	C1	B1	E1	C2	B2	E2			

INTERPRETER – LINEAR DISCONTINUED DEVICES
SYMBOLS & CODES EXPLAINED

SECTION 14 **VOLTAGE COMPARATORS** **SECTION 14**

INCLUDES: Single Voltage Comparator
Dual Voltage Comparator
Quadruple Voltage Comparator
Special Purpose Voltage Comparator

TYPE NUMBER — **Type Number**
The manufacturer-designated device part number.

I_{IB} MAX — **Input Bias Current (I_{IB})**
The current into* the input or the average of the currents into* the inputs when the device is in the quiescent or balanced state.

RESP TIME TYP — **Response Time**
The interval between the application of an input step function and the time when the output crosses the logic threshold voltage.

VIO MAX — **Input Offset Voltage (V_{IO})**
The dc voltage that must be applied between the input terminals to force the quiescent dc output voltage to zero or another specified level (Ref: JEDEC Std. 99/2.4.4).

IIO MAX — **Input Offset Current (I_{IO})**
The difference between the currents into* the input terminals of a differential-input device in the balanced state (Ref: JEDEC Std. 99/2.4.6).

△VIO/△T MAX — **Temperature Coefficient of Input Offset Voltage (αV_{IO})**
The ratio of the change in input offset voltage to the change in temperature.

> NOTE: This ratio is the average value for the total temperature change. The change in input offset voltage is usually not normalized to the initial value of input offset voltage (Ref: JEDEC Std. 99/2.4.9).

VICR MIN — **Common-Mode Input Voltage Range (V_{ICR})**
The range of common-mode input voltage that, if exceeded, will cause the total harmonic distortion of the output signal resulting from the common-mode input to exceed a specified maximum value (Ref: JEDEC Std. 99/2.4.4).

VOL A LIMIT — **Low-Level Output Voltage (V_{OL})**
The voltage level at the output terminal with input conditions applied that, according to the product specification, will establish a low level at the output.

VOH B LIMIT — **High-Level Output Voltage (V_{OH})**
The voltage level at an output terminal with the input conditions applied that, according to the product specification, will establish a high level at the output.

IO SINK MIN — **Output Sink Current**
The current that the device can draw from the load.

AV MIN — **Voltage Gain (A_V)**
The voltage amplification of the device, usually specified as a large-signal value.

STRB CURR MAX — **Strobe Current**
The dc current required to successfully drive the device strobe terminal.

TOTAL VOLT RATED at 25°C — **Rated Supply Voltage**
The device nominal supply voltage, referenced to ground, and representing a recommended operating condition or a test condition of the device's table of electrical characteristics. If the device requires multiple supplies, the greatest of these is cited.

P_D MAX RATED at 25°C — **DC Power Dissipation (P_D)**
The total dc power supplied to the device less any power delivered from the device to the load (Ref: JEDEC Std. 99/2.2.4).

TEMP CODE — **Maximum Rated Operating Temperature Range (T_A)**
A two-character code indicating the lower and upper limits of the device maximum rated operating temperature range. See the first page of this Interpreter for an explanation of these codes.

*Current out of a terminal may be considered as a negative quantity

✪ Symbols and Codes at top of first interpreter page.

Continued

SECTION 14 VOLTAGE COMPARATORS CONT'D SECTION 14

CIRCUIT DRAWING **Circuit Drawing**
Indicates the drawing number where device schematic details may be found. See section 18.

14. VOLTAGE COMPARATORS

IN ORDER OF (1) IIB (2) RESP TIME TYP (3) VIO MAX (4) TYPE NUMBER

LINE No.	4 TYPE NUMBER	1 IIB MAX (A)	2 RESP TIME TYP (s)	INPUT OFFSET 3 VIO MAX (V)	INPUT OFFSET IIO MAX (A)	ΔVIO/ΔT MAX (V/°C)	VICR MIN (V)	VOL A LIMIT (V)	VOH B LIMIT (V)	IO SINK MIN (A)	AV MIN (dB)	STRB CURR MAX (A)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE - +	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
		✪	✪	✪	✪	✪	✪	✪	✪	✪	(12)	✪	✪	✪	✪		

(12) X – voltage gain in V/mV

SECTION 15 VOLTAGE REFERENCES SECTION 15

INCLUDES: Fixed Voltage Reference
Adjustable Voltage Reference

TYPE NUMBER **Type Number**
The manufacturer-designated device part number.

VO NOM **Reference Voltage (V_O)**
The nominal output voltage of the reference device.

ΔVO/ΔT MAX **Temperature Coefficient of Reference Voltage (α_{VO})**
The ratio of the change in the reference voltage, usually expressed in parts per million of the nominal reference voltage, to the change in temperature.

DYN OUTPT RES MAX **Dynamic Output Resistance**
The reverse dynamic resistance of the device when biased within its active region.

TEMP CODE **Maximum Rated Operating Temperature Range (T_A)**
A two-character code indicating the lower and upper limits of the device maximum rated operating temperature range. See the first page of this Interpreter for an explanation of these codes.

ADDITIONAL DESCRIPTION **Additional Description**
Additional device details such as reverse dynamic impedance, long term stability, or other performance or schematic features.

CIRCUIT DRAWING **Circuit Drawing**
Indicates the drawing number where device schematic details may be found. See section 18.

15. VOLTAGE REFERENCES

IN ORDER OF (1) VO NOM (2) ΔVO/ΔT MAX (3) DYN OUTPUT RES MAX (4) TYPE NUMBER

LINE No.	4 TYPE NUMBER	1 VO NOM (V)	2 ΔVO/ΔT MAX (PPM /°C)	3 DYN OUTPT RES MAX (Ω)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
		✪	✪	✪	✪			

✪ Symbols and Codes at top of first interpreter page.

Continued

INCLUDES: Wideband Amplifier

TYPE NUMBER — **Type Number**
The manufacturer-designated device part number.

3dB FREQUENCY MIN UPPER & MAX LOWER — **Cutoff Frequency**
The frequency at which the voltage amplification is 3 dB below the voltage amplification at a specified frequency (Ref: JEDEC 99/2.4.3).

AV MIN — **Small-Signal Voltage Gain**
The ratio of the device output voltage to the input voltage under small-signal conditions.

NF MAX — **Noise Figure, Average; Noise Factor, Average ($\bar{F}$, or $\overline{NF}$)**
The ratio of (1) the total output noise power within an output frequency band when the noise temperature of all input terminations is at the reference noise temperature, T_O, at all frequencies that contribute to the output noise to (2) that part of (1) caused by the noise of the signal-input termination within the signal–input frequency band.

NOTE 1: $\overline{NF}$ abbreviation is often used for symbol $\bar{F}$; however, the symbol $\bar{F}$ is preferred.

NOTE 2: This ratio may be expressed logarithmically in decibels (dB) (Ref: JEDEC Std. 99/2.4.10).

INPT VSWR MAX at 25°C — **Voltage-Standing-Wave Ratio (VSWR)**
The ratio of the sum of incident and reflected voltage waves to the difference of incident and reflected voltage waves (Ref: JEDEC Std. 77/C/2.2).

@ Z SOURCE MAX at 25°C — **Corresponding Source Impedance**
The source impedance at which the input voltage-standing-wave ratio is specified.

OTPT VSWR MAX at 25°C — **Output Voltage-Standard-Wave Ratio**
The voltage-standing-wave ratio measured at the device output port.

@ Z LOAD MAX at 25°C — **Corresponding Load Impedance**
The load impedance at which the input voltage-standing-wave ratio is specified.

TOTAL VOLT RATED at 25°C — **Rated Supply Voltage**
The device nominal supply voltage, referenced to ground, and representing a recommended operating condition or a test condition of the device's table of electrical characteristics. If the device requires multiple supplies, the greatest of these is cited.

P_D MAX RATED at 25°C — **DC Power Dissipation (P_D)**
The total dc power supplied to the device less any power delivered from the device to the load (Ref: JEDEC Std. 99/2.2.4).

TEMP CODE — **Maximum Rated Operating Temperature Range (T_A)**
A two-character code indicating the lower and upper limits of the device maximum rated operating temperature range. See the first page of this Interpreter for an explanation of these codes.

ADDITIONAL DESCRIPTION — **Additional Description**
Additional device performance or schematic features.

CIRCUIT DRAWING — **Circuit Drawing**
Indicates the drawing number where device schematic details may be found. See section 18.

16. WIDEBAND AMPLIFIERS – Wideband Amplifier

IN ORDER OF (1) MIN UPPER F3dB (2) MAX LOWER F3DB (3) AV MIN (4) TYPE NUMBER

LINE No.	4 TYPE NUMBER	TRANSFER CHARACTERISTICS 3dB FREQUENCY 1 MIN UPPER (Hz)	2 MAX LOWER (Hz)	3 AV MIN (dB)	NF MAX (dB)	INPT CHAR 25C VSWR MAX	@ Z SOURCE MAX (Ω)	OTPT CHAR 25C VSWR MAX	@ Z LOAD MAX (Ω)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
	②	✪	✪	✪	✪	✪	✪	✪	✪	✪	✪	✪			

② * device contains two or more identical or matched circuits

✪ Symbols and Codes at top of first interpreter page.

TYPE No.	MFRS	Pg&Line
0-578A1	DDC	23 - 72
0-578A2	DDC	23 - 73
0-578B1	DDC	23 - 74
0-578B2	DDC	23 - 75
0-578B3	DDC	23 - 83
0-578C1	DDC	23 - 84
0-578C2	DDC	23 - 85
0-578C	DDC	24 - 78
2AC128	MULB	79 - 86
PHIN	RTCF	
2AC187	RTCF	82 - 10
2ACY17	MULB	79 - 87
	NTLB	
2ACY18	MULB	79 - 88
	NTLB	
2ACY19	MULB	79 - 89
	NTLB	
2AD139	ELMA	79 - 90
PHIC	PHIN	
2AD140	MULB	79 - 91
2AD161	RTCF	82 - 12
2AD162	ELMA	79 - 92
PHIC	PHIN	
	RTCF	
2ASZ15	RTCF	79 - 93
2AT128	SERA	79 - 94
2AT329	SERA	77 - 30
2AT331	SERA	80 - 25
2BC119	SGSI	77 - 31
2BC138	SGSI	77 - 32
2BC139	SGSI	80 - 26
2BC142	SGSI	77 - 33
2BC143	SGSI	80 - 27
2BC144	SGSI	77 - 34
2BC221	SGSI	80 - 28
2BC222	SGSI	77 - 35
2BC286	SGSI	77 - 36
2BC288	SGSI	77 - 37
2BD117	SGSI	77 - 38
2BD124	ELMA	77 - 39
	PHIN	
2BD131	MULB	77 - 40
	PHIN	
2BD181	RTCF	81 - 18
2BD182	RTCF	82 - 13
2BD183	RTCF	81 - 43
2BDY20	ELMA	77 - 41
MULB	PHIN	
	RTCF	
2BDY38	ELMA	77 - 42
MULB	PHIN	
	RTCF	
2C111	♦SGSI	76 - 8
2C415	♦SGSI	76 - 22
2C425	♦SGSI	76 - 51
2C444	♦SGSI	77 - 43
2N67	Δ♦WEC	81 - 76
2N214MP	GEM	77 - 44
2N676	ADV	76 - 99
2N2431MP	APX	79 - 95
	PHIC	
2N2706MP	APX	79 - 96
2N3230	FERB	77 - 1
♦RCA	TSC	
2N3231	FERB	75 - 93
♦RCA	TSC	
2N3514	Δ♦GESY	81 - 16
2N3518	Δ♦GESY	81 - 31
FSC	MOTA	
2N3519	Δ♦GESY	81 - 10
2N3520	Δ♦GESY	81 - 11
	SGSI	
2N3523	Δ♦GESY	81 - 27
2N3524	Δ♦GESY	81 - 28
FSC	SGSI	
2N4241MP	APX	79 - 97
2N5505	Δ♦TSC	80 - 29
2N5506	Δ♦TSC	80 - 30
2N5507	Δ♦TSC	80 - 31
2N5509	Δ♦TSC	80 - 32
2N5511	ΔTSC	80 - 33
2N5512	ΔTSC	80 - 34
2N5513	ΔTSC	80 - 35
2N5514	ΔTSC	80 - 36
2NFP4339	SIX	80 - 8
2NFP4340	SIX	80 - 9
2OC6	MULB	82 - 17
2OC26	ELMA	76 -110
PHIN	RTCF	
2OC28	MULB	82 - 18
2OC29	MULB	82 - 15
2OC30	ELMA	76 - 92
	PHIN	
2OC35	MULB	82 - 16
2OC36	MULB	82 - 14
2OC72	AMP	none
APX	ELMA	
MULB	PHIC	
PHIL	PHIN	
	RTCF	
Repl.by 2N282 Obs.		
2OC74	ELMA	82 - 1
PHIN	RTCF	
2OC83	MULB	82 - 6
2OC84	MULB	81 - 15
2SB30	SONY	82 - 3
2SB31	SONY	82 - 4
2SB145	SONY	82 - 8
2SB146	SONY	82 - 9
2SC96	TOSJ	81 -106
2SC1910	TOSJ	77 - 45
2SC1911	TOSJ	77 - 46
2SC1912	TOSJ	77 - 47
2SC1920	TOSJ	77 - 48

TYPE No.	MFRS	Pg&Line
2SFT212	THEF	79 - 98
2SK109	♦MITJ	77 - 49
2T3041	SONY	77 - 7
2T3042	SONY	77 - 8
2T3043	SONY	77 - 9
2V205	♦SGSI	75 - 94
2V435	♦SGSI	76 - 14
2xOC308	BRUB	80 -110
2xOC318	BRUB	81 - 1
	ITTG	
2X2N3055	RTCF	82 - 20
2XBD181	MULB	82 - 19
2XBD182	MULB	82 - 21
2XBD183	MULB	82 - 22
2XBD184	MULB	82 - 23
2XBDY20	RTCF	77 - 50
3K25	ATL	71 - 37
3N96	♦SIX	80 - 37
3N97	♦SIX	80 - 38
3N151	Δ♦GIC	80 - 39
3N207	Δ♦TII	79 -100
	GIC	
4JD12X009	♦GESY	75 - 55
4JD12X010	♦GESY	75 - 25
4JD12X011	♦GESY	75 - 53
4JD12X012	♦GESY	75 - 56
4JD12X014	♦GESY	75 - 54
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4JD12X132	♦GESY	75 - 26
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008A2	CPD	24 - 17
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008A3	CPD	24 - 29
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008A	CPD	24 - 30
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008B1	CPD	24 - 18
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008B2	CPD	24 - 19
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008C1	CPD	24 - 43
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008C2	CPD	24 - 74
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12A8	♦AEIL	77 - 52
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12A108	♦GESY	77 - 56
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12A308	♦GESY	77 - 58
12A904	GESY	77 - 59
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12G2	♦GESY	77 - 61
12G101	♦GESY	77 - 62
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12H301	♦GESY	77 - 65
12H302	♦GESY	77 - 66
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12J901	♦GESY	77 - 73
12J902	♦GESY	77 - 74
12J905	♦GESY	77 - 75
12X006	♦GESY	76 - 10
12X008	♦GESY	76 - 11
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78L05HC	FSC	59 - 63
78L05WC	FSC	59 - 64
78L06WC	FSC	59 -104
78L12HC	FSC	60 - 15
78L12WC	FSC	60 - 16
78L15HC	FSC	60 - 52
78L15WC	FSC	60 - 53
78M05BE	TSC	53 - 40
78M05CE	TSC	53 - 41
78M05HC	♦TEC	53 - 60
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78M06BE	TSC	54 - 28
78M06CE	TSC	54 - 29
78M06HC	♦TEC	54 - 47
78M06UC	♦TEC	54 - 48
78M08BE	TSC	54 -101
78M08CE	TSC	54 -102
78M08HC	♦TEC	55 - 6
78M08UC	♦TEC	55 - 7
78M12BE	TSC	56 - 25
78M12CE	TSC	56 - 26
78M12HC	♦TEC	56 - 37
78M12UC	♦TEC	56 - 38
78M15BE	TSC	56 - 91
78M15CE	TSC	56 - 92
78M15HC	♦TEC	57 - 3
78M15UC	♦TEC	57 - 4
78M20BE	TSC	58 - 21
78M20CE	TSC	58 - 22
78M20HC	♦TEC	58 - 31
78M20UC	♦TEC	58 - 32
78M24BE	TSC	58 - 59
78M24CE	TSC	58 - 60
78M24HC	♦TEC	58 - 78
78M24UC	♦TEC	58 - 79
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147OMY	♦RTCF	19 - 29
148OMY	♦RTCF	18 - 62
174AA	SIX	38 - 46
174AL	SIX	38 - 47
174CA	SIX	45 - 1
174CL	SIX	45 - 2
207A1	CPD	32 - 76
	DDC	
207A2	CPD	32 - 77
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207A3	DDC	35 - 19
207A4	DDC	35 - 20
207A	DDC	35 - 21
207B1	CPD	32 - 78
207B	DDC	35 - 24
207C1	CPD	32 - 79
207C	DDC	35 - 26
207D1	CPD	34 - 83
207E1	CPD	35 - 27
208A1	CPD	24 - 31
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208A2	CPD	24 - 32
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208B1	CPD	24 - 33
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208B2	CPD	24 - 34
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208B3	CPD	24 - 42
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208C1	CPD	24 - 44
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208C2	CPD	24 - 75
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216	CPD	56 -104
216A	CPD	56 -105
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218A	CPD	24 - 11
218B	CPD	24 - 12
218C	CPD	24 - 54
226	CPD	56 - 93
226A	CPD	56 - 94
226B	CPD	56 - 95
228	CPD	24 - 50
228A	CPD	26 - 31
228B	CPD	26 - 33
228C	CPD	26 - 48
236	OEI	20 -105
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238A	CPD	26 - 32
238B	CPD	26 - 34
238C	CPD	26 - 49
247A1	♦CPD	34 - 79
247A2	♦CPD	34 - 80
247B1	♦CPD	34 - 81
247C1	♦CPD	34 - 82
247D1	CPD	34 - 84
247E1	CPD	35 - 28
248A1	♦CPD	24 - 20
248A2	♦CPD	24 - 21
248B1	♦CPD	24 - 22
248B2	♦CPD	24 - 23
248B3	♦CPD	24 - 25
248C1	CPD	24 - 45
248C2	CPD	24 - 76
254A	OEI	20 -106
316-04	GECB	65 - 10
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355AJ	♦TSC	none
Repl.by TSC355AJ Cur.		
355AL	♦TSC	none
Repl.by TSC355AL Cur.		
355CJ	♦TSC	none
Repl.by TSC355CJ Cur.		
355CL	♦TSC	none
Repl.by TSC355CL Cur.		

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416A	DTC	73 - 21
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425Q	♦OPA	38 - 43
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432	♦OPA	35 - 86
433	♦OPA	35 - 87
434	♦OPA	35 - 92
435	♦OPA	38 - 9
440	♦OPA	36 - 5
440KR#1	♦OPA	35 - 88
440KR#2	♦OPA	35 - 89
440KR#3	♦OPA	35 - 90
444	OPA	36 - 6
450	♦OPA	36 - 7
519A	♦OEI	20 - 45
540Δ	♦DTC	73 - 6
556J	TSC	72 -104
556L	TSC	72 -105
612A	ANA	16 - 80
612B	ANA	16 - 81
612C	ANA	16 - 82
612D	ANA	16 - 83
612E	ANA	16 - 84
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GECB	SGSI	
702-1-5B	FSC	44 - 41
GECB	SGSI	
702-1-36	GECB	44 - 42
702-9-3H	FSC	44 - 65
GECB	SGSI	
702-9-5B	FSC	44 - 66
GECB	SGSI	
702-9-6E	GECB	44 - 67
	SGSI	
702-9-36	GECB	44 - 68
703BE	TSC	64 - 60
703CE	TSC	64 - 61
709-1-36	GECB	42 - 3
709-9-6E	GECB	43 - 41
709-9-36	GECB	43 - 42
709-11-3A	FSC	39 - 12
GECB	SGSI	
709-11-36	GECB	39 - 13
709AE	♦TSC	38 - 98
709AH	♦TSC	38 - 99
709AL	♦TSC	38 -100
709AN	♦TSC	38 - 95
709B4	SESC	40 -110
709B4P	SESC	41 - 1
709BE	♦TSC	38 -101
709BH	♦TSC	38 -102
709BL	♦TSC	38 -103
709BN	♦TSC	42 - 50
709CE	♦TSC	38 -104
709CH	♦TSC	38 - 39
709CJ	♦TSC	38 -105
709CN	♦TSC	38 - 40
710-1-3H	FSC	85 - 40
GECB	SGSI	
710-1-36	GECB	85 - 52
710-9-6E	GECB	84 - 73
710-9-36	GECB	85 - 5
710BE	♦TSC	85 - 12
710BH	♦TSC	85 - 13
710BL	♦TSC	85 - 14
710CE	♦TSC	84 - 74
710CH	♦TSC	84 - 75
710CJ	♦TSC	84 - 76
710CL	♦TSC	84 - 77
710CP	♦TSC	84 - 78
711-1-5F	FSC	87 - 1
GECB	SGSI	
711-1-36	GECB	85 - 98
711-9-5F	FSC	87 - 23
GECB	SGSI	
711-9-36	GECB	85 - 99
711BE	♦TSC	87 - 2
711BH	♦TSC	86 - 65
711BL	♦TSC	86 - 66
711BN	♦TSC	87 - 3
711CE	♦TSC	87 - 24
711CJ	♦TSC	86 - 91
711CL	♦TSC	86 - 92
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712-9-5B	FSC	18 - 20
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723BE	♦TSC	61 - 37
723BL	♦TSC	59 - 68
723BN	♦TSC	61 - 38
723CE	♦TSC	61 - 39
723CJ	♦TSC	59 - 69
723CL	♦TSC	59 - 70
723CN	♦TSC	61 - 40
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735-12-5B#2	FSC	29 - 8
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741-1-36	GECB	41 -101
741-9-5B	GECB	40 - 38
741-9-6E	GECB	40 - 39
741-9-36	GECB	40 - 1
741-93-6E	FSC	40 - 40
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741BE	♦TSC	42 - 52
741BH	♦TSC	42 - 53
741BL	♦TSC	41 - 2
741BN	♦TSC	42 - 54

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741CH	♦TSC	40 - 42
741CJ	♦TSC	40 - 43
741CL	♦TSC	40 - 44
741CN	♦TSC	40 - 45
741CP	♦TSC	40 - 46
741DE	TSC	42 - 75
747BE	♦TSC	48 - 60
747BL	♦TSC	48 - 61
747BN	♦TSC	47 - 87
747CE	♦TSC	47 -100
747CJ	♦TSC	47 -101
747CN	♦TSC	48 - 31
748BE	♦TSC	41 - 3
748BH	♦TSC	41 - 4
748BL	♦TSC	41 - 5
748CE	♦TSC	39 - 43
748CJ	♦TSC	39 - 44
748CL	♦TSC	39 - 45
748CP	♦TSC	39 - 46
749BH	TSC	47 - 70
749BN	TSC	47 - 71
749CN	TSC	47 - 72
800BE	TSC	40 - 97
800DE	♦TSC	43 - 71
801A	ANA	44 - 53
801B	ANA	44 - 52
801BE	TSC	40 - 98
801DE	♦TSC	43 - 72
801S	ANA	44 - 82
805BE	♦TSC	42 - 25
805BH	♦TSC	42 - 26
805CE	♦TSC	40 - 91
806BE	♦TSC	42 - 27
806BH	♦TSC	42 - 28
806CE	♦TSC	40 - 92
807BE	♦TSC	42 - 1
807BH	♦TSC	42 - 2
808AE	♦TSC	36 - 44
808BE	♦TSC	36 - 45
808CE	♦TSC	32 - 52
809	♦BECK	60 - 75
809BE	♦TSC	41 -103
809BH	♦TSC	41 -104
809CE	♦TSC	41 -106
809CH	♦TSC	41 -107
809CJ	♦TSC	41 -108
810BH	♦TSC	48 - 94
810BJ	♦TSC	48 - 95
810CH	♦TSC	48 - 96
810CJ	♦TSC	48 - 97
811BE	♦TSC	41 - 95
811CE	♦TSC	41 - 96
811CJ	♦TSC	41 - 97
819BE	♦TSC	37 - 97
819BH	♦TSC	37 - 98
822BE	TSC	61 - 88
822CU	TSC	61 - 87
823AE	♦TSC	61 - 91
823AL	♦TSC	61 - 93
823AN	♦TSC	61 - 92
823BE	♦TSC	61 - 36
823BL	♦TSC	59 - 71
823BN	♦TSC	59 - 67
824BE	TSC	62 - 11
825CU	TSC	56 - 85
826BE	TSC	61 - 89
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828AV6	♦BECK	54 - 44
828AV9	♦BECK	55 - 59
828AV12	♦BECK	56 - 32
828AV15	♦BECK	56 -108
829BE	♦TSC	56 - 1
829CE	♦TSC	55 -110
830BE	♦TSC	56 - 74
830CE	♦TSC	56 - 73
831AE	♦TSC	17 - 45
831AH	♦TSC	17 - 46
831BE	♦TSC	17 - 47
831BH	♦TSC	17 - 48
831CE	♦TSC	17 - 44
831CH	♦TSC	17 - 39
831DE	♦TSC	17 - 43
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833-21C	♦BECK	51 - 40
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835BL	♦TSC	50 - 1
835CJ	♦TSC	50 - 60
835CL	♦TSC	50 - 61
836BJ	♦TSC	50 - 7
836BL	♦TSC	50 - 8
836CJ	TSC	50 - 76
836CL	♦TSC	50 - 77
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838AV6	♦BECK	54 - 45
838AV9	♦BECK	55 - 60
838AV12	♦BECK	56 - 33
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843V15	♦BECK	60 - 64
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844BE	♦TSC	32 - 10
844BH	♦TSC	32 - 11
844BL	♦TSC	32 - 12
844CE	♦TSC	34 - 1
844CL	♦TSC	34 - 2
844CP	♦TSC	34 - 3
844V12	♦BECK	60 - 32
844V15	♦BECK	60 - 65

♦-Mfr's data sheet available in microfilm service

Cur-In current D.A.T.A.BOOK Obs-In this book
Δ-Registered with JEDEC by this manufacturer

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845BH	♦TSC	32 - 14
845BL	♦TSC	32 - 15
845CE	♦TSC	34 - 4
845CL	♦TSC	34 - 5
845CP	♦TSC	34 - 6
846BE	♦TSC	32 - 16
846BH	♦TSC	32 - 17
846BL	♦TSC	32 - 18
846CE	♦TSC	34 - 7
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903BR	♦TSC	19 - 32
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1429-01	TPN	23 -103
1429-02	TPN	23 -101
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1434-01	TPN	24 - 99
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1451CD1	♦DDC	20 - 97
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1452CD1	♦DDC	20 - 99
1452CD2	♦DDC	20 -100
1453CP1	♦DDC	20 - 95
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1453CP3	♦DDC	20 - 70
1453MD1	♦DDC	20 - 71
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3050S01	BUB	37 - 71
3050S/01	♦BUB	37 - 46
3051/01	♦BUB	37 - 72
3052/01	♦BUB	38 - 94
3052A/01	BUB	37 - 16
3053/01	♦BUB	39 - 30
3053A/01	BUB	37 - 58
3054/01	♦BUB	37 - 47
3054S01	BUB	37 - 68
3054S/01	♦BUB	37 - 48
3055/01	♦BUB	37 - 69
3056/01	♦BUB	38 - 93
3056A/01	BUB	37 - 15
3057/01	♦BUB	39 - 28
3057A/01	BUB	37 - 49
3058/01	BUB	37 - 50
3302J	TSC	87 - 95
3402A	♦BUB	24 -101
3500AN	BUB	30 - 88
3500BN	BUB	30 - 5
3500CN	BUB	29 - 96
3501T	BUB	28 - 64
	SPR	
3503A	♦BUB	25 - 4
	INL	
3503B	♦BUB	24 - 58
	INL	
3503C	BUB	23 -106
	INL	
3503R	♦BUB	25 - 5
3503S	♦BUB	24 - 59
3503T	BUB	23 -107
3505J	♦BUB	38 - 55
3506J	♦BUB	31 - 17
3540J	♦BUB	25 - 38
3660J	♦BUB	17 - 54
3660K	♦BUB	17 - 55
3660S	♦BUB	17 - 56
3670J	♦BUB	17 - 51
3670K	♦BUB	17 - 52
3670S	♦BUB	17 - 53
3910	OEI	52 - 28
3930	♦OEI	52 - 29
4009	OPA	36 - 18
4009#1	♦OPA	36 - 19
4009#2	♦OPA	36 - 20

TYPE No.	MFRS	Pg&Line
4009#3	♦OPA	36 - 21
4010☒	♦MDI	21 - 1
4062-45	BUB	20 - 73
4201J	♦BUB	20 - 27
4250C	INL	31 - 69
4380	TPN	20 - 89
4381	TPN	20 -101
4722BDC	♦FSC	71 - 19
4722BDM	♦FSC	71 - 20
4722BFC	♦FSC	71 - 21
4722BFM	♦FSC	71 - 22
4722BPC	♦FSC	71 - 23
4741BDM	none	68 - 92
4741BFC	none	68 - 93
4741BFM	none	68 - 94
4741BPC	none	68 - 95
5002	MDI	38 - 13
5109C	♦OEI	20 - 44
5217	♦OEI	20 - 75
5229C	♦OEI	20 - 24
5233	♦OEI	84 - 4
5323A	♦OEI	20 - 6
5372A	♦OEI	84 - 5
5378	♦OEI	84 - 6
5385	♦OEI	84 - 7
5485	♦OEI	20 - 7
5500	♦OEI	20 - 5
5501	OEI	84 - 3
5507	♦OEI	20 - 4
5600	♦OEI	20 - 47
5670BM	♦TSC	64 - 4
5822B	♦OEI	20 - 46
5887	OEI	20 - 8
7100	♦OEI	83 - 5
7805KC	TEC	53 - 92
7805KM	TEC	53 - 93
7805UC	TEC	53 - 94
7806KC	TEC	54 - 84
7806KM	TEC	54 - 85
7806UC	TEC	54 - 86
7808KC	TEC	55 - 36
7808KM	TEC	55 - 37
7808UC	TEC	55 - 38
7812KC	TEC	56 - 58
7812KM	TEC	56 - 59
7812UC	TEC	56 - 60
7815KC	TEC	57 - 24
7815KM	TEC	57 - 18
7815UC	TEC	57 - 19
7818KC	TEC	57 -106
7818KM	TEC	57 -101
7818UC	TEC	57 -107
7824KC	TEC	59 - 3
7824KM	TEC	59 - 4
7824UC	TEC	59 - 5
8007C	♦SELI	25 - 39
8100	♦OEI	60 - 13
8106	♦OEI	16 - 10
8203	♦VAO	71 - 39
9000	MDI	16 - 85
9300	♦OEI	44 - 49
9302	♦OEI	40 - 78
9308	♦OEI	38 - 92
9314	♦OEI	38 - 91
9428	OEI	44 - 48
9432	OEI	36 - 90
9432A	MDI	50 -106
9495AE	♦TSC	88 -100
9495BE	♦TSC	88 -101
9495CE	♦TSC	88 -102
9495DE	♦TSC	88 -103
9495DJ	♦TSC	88 -104
9495EE	♦TSC	88 -105
9495HE	♦TSC	88 -106
9495HJ	♦TSC	88 -107
9496AE	♦TSC	88 -108
9496BE	♦TSC	88 -109
9496CE	♦TSC	88 -110
9496DE	♦TSC	88 - 98
9496DJ	♦TSC	89 - 1
9496EE	♦TSC	89 - 2
9496HE	♦TSC	89 - 3
9496HJ	♦TSC	89 - 4
9501	♦GPS	24 - 61
9502	♦GPS	24 - 62
9503	♦GPS	24 - 63
9504	♦GPS	24 - 26
9505	♦GPS	24 - 36
9506	♦GPS	24 - 37
9600DC	AMD	72 - 64
	FSC	
9600DM	AMD	72 - 65
	FSC	
9685	♦OEI	35 - 94
9686	♦OEI	35 - 95
9688	♦OEI	34 -104
9690	♦OEI	16 - 11
9691	♦OEI	16 - 12
9692	♦OEI	34 -102
9694	♦OEI	34 -103
9695	♦OEI	34 -100
9696	♦OEI	30 -100
9709	♦OEI	25 - 33
9710	♦OEI	25 - 21
9711	♦OEI	25 - 53
9728	♦OEI	25 - 86
9737	♦OEI	24 - 53
9746	♦OEI	16 - 13
9905	♦OEI	16 - 14
40675	♦RCA	77 - 2
A08A	SIX	71 - 40
A08F	SIX	71 - 41
A25Q	♦PLSB	75 - 27
A48A	SIX	71 - 42

TYPE No.	MFRS	Pg&Line
A48F	SIX	71 - 43
A140	♦ITI	24 -102
A280	♦ITI	17 - 17
A431	♦APX	75 - 28
A520	♦APX	81 - 77
A521	♦APX	81 - 78
A560	♦INT	35 - 6
A561	♦INT	28 - 40
A570	♦INT	29 - 98
A600	♦APX	81 - 79
	♦PHIC	
A601	♦APX	81 - 80
	PHIC	
A602	♦APX	81 - 63
	PHIC	
A603	♦APX	81 - 64
	PHIC	
A604	♦APX	81 - 65
	PHIC	
A605	♦APX	77 - 76
	PHIC	
A606	♦APX	77 - 77
	PHIC	
A607	♦APX	81 - 66
A608	♦APX	81 - 67
A610L	♦APX	77 - 78
A610S	♦APX	77 - 79
A611L	♦APX	77 - 80
A611S	♦APX	77 - 81
A640	♦APX	81 - 68
A640L	♦APX	77 - 82
A640S	♦APX	77 - 83
A641	♦APX	77 - 84
A641L	♦APX	77 - 85
A641S	♦APX	77 - 86
A642	♦APX	77 - 87
A642L	♦APX	77 - 88
A642S	♦APX	77 - 89
A643L	♦APX	77 - 90
A643S	♦APX	77 - 91
A644L	♦APX	77 - 92
A644S	♦APX	77 - 93
A645L	♦APX	77 - 94
A645S	♦APX	77 - 95
A646	♦APX	77 - 96
A649L	♦APX	81 - 12
A649S	♦APX	81 - 13
A970	♦HBC	30 - 36
A975	♦HBC	36 - 43
A980	♦HBC	25 - 96
A1480	♦APX	81 - 3
	PHIC	
A3000	♦ITI	34 - 78
A3001	♦ITI	31 - 76
A3002	♦ITI	30 - 41
A3003	♦ITI	30 - 40
A8495#2	ITI	20 - 32
A8495#3	ITI	20 - 33
A8595#1	ITI	20 - 34
A8595#2	ITI	20 - 35
A8595#3	ITI	20 - 36
AB21	VDM	23 - 86
AC127/AC128	APX	79 -110
BELI	ELMA	
♦PHIC	♦PHIN	
	♦RTCF	
AC127/AC128-01		80 - 1
	RTCF	
AC127/AC132	APX	80 - 2
BELI	ELMA	
♦PHIC	♦PHIN	
	♦RTCF	
AC127/AC152	♦SIEG	82 - 5
AC153-AC176	SIEG	80 - 3
AC153K-AC176K		80 - 4
	♦SIEG	
AC154/AC157	AEIL	80 - 5
AC166/AC168	AEIL	80 - 6
AC187/01/AC188/01		
ELMA	MULB	82 - 11
PHIC	PHIN	
	RTCF	
AC187K-AC188K	SIEG	80 - 7
ACF7032C	♦GIC	68 - 4
ACF7096C	♦GIC	68 - 5
ACF7412C	GIC	68 - 6
AD0042C	♦ANA	25 - 35
AD101AD	INL	46 - 87
AD101AF	♦ANA	32 - 80
AD101AF☒	INL	46 - 88
AD101AP	INL	46 - 89
AD101AT	INL	46 - 90
AD108AH	♦ANA	26 - 86
AD108H	♦ANA	27 - 25
AD111	♦ANA	83 - 54
AD111H	ANA	83 - 55
AD208AH	♦ANA	26 - 87
AD208H	♦ANA	27 - 26
AD211	♦ANA	83 - 56
AD211H	ANA	83 - 57
AD301AD	INL	47 - 44
AD301AF	INL	47 - 45
AD301AP	INL	47 - 46
AD301AT	INL	47 - 47
AD308AH	♦ANA	28 - 65
AD308H	♦ANA	29 - 12
AD311#1	♦ANA	83 - 93
AD311#2	♦ANA	83 - 94
AD311D	ANA	83 - 95
AD311H	ANA	83 - 96
AD351J	♦ANA	83 - 21
AD351K	♦ANA	83 - 22
AD351S	♦ANA	84 - 1
AD501A	♦ANA	24 - 70

TYPE No.	MFRS	Pg&Line
AD501B	♦ANA	24 - 66
AD501C	♦ANA	24 - 38
AD502J	ANA	31 - 63
	INL	
AD502JH	♦ANA	23 - 60
AD502K	ANA	29 - 85
	INL	
AD502KH	♦ANA	23 - 55
AD502LH	♦ANA	23 - 56
AD502SH	♦ANA	23 - 57
AD503LH	♦ANA	26 - 41
AD503TH	ANA	29 - 55
AD504JN	♦ANA	35 - 93
AD504KN	♦ANA	35 - 11
AD504LN	♦ANA	31 - 71
AD504MN	♦ANA	32 - 84
AD505J	DTL	34 - 96
AD505JH	♦ANA	32 - 81
	INL	
AD505K	DTL	34 - 95
AD505KH	♦ANA	30 - 51
	INL	
AD505S	DTL	35 - 30
AD505SH	♦ANA	30 - 52
	INL	
AD508JH	♦ANA	31 - 29
AD508KH	♦ANA	29 - 91
AD508LH	♦ANA	29 - 92
AD511A	♦ANA	26 - 80
AD511B	♦ANA	26 - 50
AD511C	♦ANA	26 - 35
AD512J	ANA	35 - 75
AD512K	♦ANA	35 - 76
AD512S	♦ANA	35 - 77
AD513JH	♦ANA	25 - 11
AD513KH	♦ANA	24 - 97
AD513LH	♦ANA	26 - 42
AD513SH	♦ANA	24 - 98
AD513TH	♦ANA	29 - 56
AD514J	♦ANA	25 - 32
AD514K	♦ANA	24 - 93
AD514L	♦ANA	24 - 52
AD514S	♦ANA	24 - 56
AD516JH	♦ANA	25 - 10
AD516KH	♦ANA	24 - 94
AD516SH	♦ANA	24 - 95
AD521K	none	17 - 73
AD521S#mil	none	17 - 74
AD523J	ANA	23 -108
AD523K	ANA	23 -104
AD523L	ANA	23 -102
AD536J	ANA	21 - 5
AD536K	ANA	21 - 6
AD537J	♦ANA	52 - 30
AD537K	♦ANA	52 - 31
AD537S	♦ANA	52 - 32
AD584JH	ANA	89 - 10
AD584U	ANA	89 - 9
AD741N	♦ANA	37 - 85
AD830	♦ANA	77 - 97
AD831	ANA	77 - 98
AD832	ANA	77 - 99
AD833	ANA	77 -100
AD833A	ANA	77 -101
AD840	ANA	77 -102
AD841	ANA	77 -103
AD3542J	♦ANA	24 -110
ADM501A	♦ANA	24 - 71
ADM501B	♦ANA	24 - 67
ADM501C	♦ANA	24 - 39
ADO49A	FCP	38 - 14
ADO49C	FCP	42 - 37
ADP501A	♦ANA	24 - 72
ADP501B	♦ANA	24 - 68
ADP501C	♦ANA	24 - 40
ADP511A	♦ANA	26 - 81
ADP511B	♦ANA	26 - 51
ADP511C	♦ANA	26 - 36
ADX118	♦ANA	36 - 46
ADX218	♦ANA	36 - 47
ADX318	♦ANA	38 - 87
AH52	♦OPT	90 - 23
AH53	♦OPT	90 - 63
AH56K	♦OPT	90 - 40
AH56L	♦OPT	90 - 41
AH57	OPT	65 - 46
AH59	OPT	90 - 59
AH60	OPT	90 - 39
AH522	OPT	65 - 47
AHD554	♦OPT	65 - 48
AHD555	♦OPT	65 - 49
AM124D	AMD	50 - 2
AM124F	♦AMD	50 - 3
AM224D	AMD	50 - 4
AM324D	AMD	50 - 62
AM324N	AMD	50 - 63
AM405-2	♦DTL	24 -103
AM405-2M	♦DTL	24 -104
AM406-2	♦DTL	24 -106
AM406-2M	♦DTL	24 -107
AM414-2A	DTL	28 - 68
AM414-2B	DTL	27 - 95
AM414-2M	DTL	27 - 77
AM414B	♦DTL	29 - 80
AM414H	♦DTL	28 - 76
AM414M	♦DTL	28 - 60
AM435-1C	♦DTL	17 - 20
AM435-1M	♦DTL	17 - 19
AM542BMC	DTL	16 - 86
AM542BMM	DTL	16 - 87
AM542BMR	DTL	16 - 88
AM542CMC	DTL	16 - 89
AM542CMM	DTL	16 - 90
AM542CMR	DTL	16 - 91

♦-Mfr's data sheet available in microfilm service

Cur-In current D.A.T.A.BOOK Obs-In this book

△-Registered with JEDEC by this manufacturer

TYPE No.	MFRS	Pg&Line
AM715DC	♦AMD	44 - 21
AM715DM	♦AMD	43 -102
AM715HC	♦AMD	44 - 22
AM715HM	♦AMD	43 -103
AM723DC	♦AMD	61 - 8
AM723DM	♦AMD	61 - 9
AM723HC	♦AMD	61 - 10
AM723HM	♦AMD	61 - 11
AM725DC	♦AMD	36 - 33
AM725DM	♦AMD	35 - 39
AM725HC	♦AMD	36 - 34
AM725HL	♦AMD	37 - 40
AM725HM	♦AMD	35 - 40
AM733DC	♦AMD	19 - 2
AM733DM	♦AMD	19 - 3
AM733FM	♦AMD	19 - 4
AM733HC	♦AMD	19 - 5
AM733HM	♦AMD	19 - 6
AM741DC	♦AMD	39 - 47
AM741DM	♦AMD	41 - 6
AM741FM	♦AMD	41 - 7
AM741HC	♦AMD	39 - 48
AM741HM	♦AMD	41 - 8
AM747DC	♦AMD	47 -102
AM747DM	♦AMD	48 - 62
AM747FM	♦AMD	48 - 63
AM747HC	♦AMD	47 -103
AM747HM	♦AMD	48 - 64
AM748DC	♦AMD	39 - 49
AM748DM	♦AMD	41 - 9
AM748FM	♦AMD	41 - 10
AM748HC	♦AMD	39 - 50
AM748HM	♦AMD	41 - 11
AM1660HC	♦AMD	46 - 34
AM2600DC	♦AMD	72 - 66
AM2600DM	♦AMD	72 - 67
AM2600FM	♦AMD	72 - 68
AM2600PC	♦AMD	72 - 69
AM7600C	♦DTL	51 - 4
AM7600M	♦DTL	51 - 6
AM7600R	♦DTL	51 - 5
AM7601C	♦DTL	51 - 10
AM7601M	♦DTL	51 - 12
AM7601R	♦DTL	51 - 11
AM7605C	♦DTL	16 - 92
AM7605M	♦DTL	16 - 93
AM7605R	♦DTL	16 - 94
AM7606C	♦DTL	16 - 95
AM7606M	♦DTL	16 - 96
AM7606R	♦DTL	16 - 97
AM7611C	DTL	25 - 22
AM7611M	DTL	25 - 23
AM7612C	DTL	25 - 24
AM7612M	DTL	25 - 25
AM7613C	DTL	25 - 26
AM7613M	DTL	25 - 27
AM7614C	DTL	25 - 28
AM7614M	DTL	25 - 29
AM7615C	DTL	25 - 30
AM7615M	DTL	25 - 31
AM8510M	♦DTL	22 - 15
AM8510R	♦DTL	22 - 16
AM8520M	♦DTL	22 - 18
AM8520R	♦DTL	22 - 19
AM8530M	♦DTL	22 - 20
AM8530R	♦DTL	22 - 21
AMC8013AC	♦DTL	20 - 9
AMC8013AM	♦DTL	20 - 10
AMC8013BC	♦DTL	20 - 11
AMC8013BM	♦DTL	20 - 12
AMC8013CC	♦DTL	20 - 13
AMC8013CM	♦DTL	20 - 14
AMLM101	AMD	41 - 12
AMLM101A	AMD	33 - 30
AMLM101AD	AMD	33 - 31
AMLM101AF	AMD	33 - 32
AMLM101D	AMD	41 - 13
AMLM101F	AMD	41 - 14
AMLM105	AMD	61 - 95
AMLM105F	AMD	61 - 96
AMLM106	AMD	85 - 15
AMLM106F	AMD	85 - 16
AMLM107	AMD	33 - 33
AMLM107D	AMD	33 - 34
AMLM107F	AMD	33 - 35
AMLM110	AMD	16 - 62
AMLM110D	AMD	16 - 63
AMLM110F	AMD	16 - 64
AMLM112	AMD	27 - 27
AMLM112D	AMD	27 - 28
AMLM112F	AMD	27 - 29
AMLM201	AMD	41 - 15
AMLM201A	AMD	33 - 36
AMLM201AD	AMD	33 - 37
AMLM201AF	AMD	33 - 38
AMLM201D	AMD	41 - 16
AMLM201F	AMD	41 - 17
AMLM205	AMD	61 - 97
AMLM205F	AMD	61 - 98
AMLM206	AMD	85 - 17
AMLM207	AMD	33 - 39
AMLM207D	AMD	33 - 40
AMLM207F	AMD	33 - 41
AMLM210	AMD	16 - 15
AMLM210D	AMD	16 - 16
AMLM212	AMD	27 - 30
AMLM212D	AMD	27 - 31
AMLM216	AMD	26 - 20
AMLM216A	AMD	25 - 61
AMLM216AD	AMD	25 - 62
AMLM216D	AMD	26 - 21
AMLM301	AMD	42 - 94
AMLM301A	AMD	36 - 65
AMLM301AD	AMD	36 - 66

TYPE No.	MFRS	Pg&Line
AMLM305	AMD	60 - 77
AMLM306	AMD	84 - 79
AMLM307	AMD	36 - 67
AMLM307D	AMD	36 - 68
AMLM310	AMD	16 - 17
AMLM310D	AMD	16 - 18
AMLM312	AMD	29 - 13
AMLM312D	AMD	29 - 14
AMLM316	AMD	26 - 22
AMLM316A	AMD	25 - 63
AMLM316AD	AMD	25 - 64
AMLM316D	AMD	26 - 23
AMSSS725AJ	AMD	34 -108
AMSSS725BJ	AMD	35 - 7
AMSSS725EJ	AMD	33 - 22
AMSSS741CJ	AMD	35 - 58
AMSSS741J	AMD	33 - 42
AMSSS747CK	AMD	47 - 20
AMSSS747CP	AMD	47 - 21
AMSSS747K	AMD	46 -101
AMSSS747M	AMD	46 -102
AMSSS747P	AMD	46 -103
AN155	MATJ	88 - 6
AN156	MATJ	88 - 7
AN208	MATJ	66 - 4
AN210	MATJ	64 - 5
AN217	MATJ	64 - 6
AN217P	MATJ	64 - 7
AN220	MATJ	64 - 8
AN238	MATJ	65 - 24
AN238S	MATJ	65 - 18
AN247	MATJ	65 - 25
AN248	MATJ	64 - 9
AN253	MATJ	64 - 10
AN253P	MATJ	64 - 11
AN603	MATJ	52 - 33
AN603N	MATJ	52 - 34
AN606	MATJ	18 - 65
AN607	MATJ	18 - 15
AN608	MATJ	18 - 16
AN829	MATJ	20 - 62
AN829S	MATJ	20 - 63
AN915	MATJ	16 - 98
ARA46P	ADV	75 - 95
ASA2	♦TSC	81 - 5
ASA31	TSC	75 - 29
ASA51	TSC	75 - 30
ASA1000	TSC	77 -104
ASA1001	TSC	77 -105
ASA1003	TSC	75 - 31
ASA1004	TSC	75 - 32
ATF414	♦APX	90 - 91
ATN4002	♦OPT	20 - 64
AY3-9400	♦GIC	69 - 3
AY3-9401	GIC	69 - 4
AY3-9410	♦GIC	69 - 5
AY3-9900	GIC	68 - 74
AY5-9100	GIC	70 - 7
AY5-9106	GIC	70 - 5
AY5-9110	GIC	70 - 8
AY5-9118	GIC	70 - 6
AY5-9120	GIC	70 - 9
AY5-9151	GIC	70 - 24
AY5-9152	♦GIC	70 - 25
AY5-9153	GIC	70 - 26
AY5-9153A	♦GIC	69 -100
AY5-9153B	♦GIC	69 -101
AY5-9154	GIC	70 - 27
AY5-9154A	♦GIC	70 - 23
AY5-9200	GIC	70 - 10
AY5-9500	GIC	68 -101
AY5-9559	♦GIC	69 - 13
AY5-9801	GIC	68 -102
AY5-9802	GIC	69 - 94
AY5-9803	GIC	68 -103
AY5-9804	GIC	68 -104
AY5-9805	GIC	69 - 95
AY5-9806	GIC	68 -105
AY5-9807	GIC	68 -106
AY5-9808	GIC	69 - 96
AY5-9821	GIC	68 -107
AY5-9822	GIC	69 - 97
AY5-9823	GIC	68 -108
AY5-9824	GIC	68 -109
AY5-9825	GIC	69 - 98
AY5-9826	GIC	68 -110
AY5-9827	GIC	69 - 1
AY5-9828	GIC	69 - 99
AY9-9086	GIC	69 - 2
AY9-9600	GIC	70 - 11
B895001	APX	72 - 45
B895003	APX	71 - 7
B895004	APX	72 - 56
BA720	♦HIS	16 - 19
BC327/BC328	SIEG	81 - 26
BC338/BC328	SIEG	77 -106
BC368-BC369	ELMA	81 - 8
	PHIN	
BC635-BC636	ELMA	81 - 19
	PHIN	
BC635/636	RTCF	77 -107
BC637-BC638	ELMA	81 - 33
	PHIN	
BC637/638	RTCF	77 -108
BC639/640	RTCF	77 -109
BCW25	TII	77 -110
BD131/BD132	APX	80 - 40
PHIN	RTCF	
BD135-BD136MP	APX	78 - 1
	RTCF	
BD137-BD138MP	APX	78 - 2
	RTCF	
BD139-BD140MP	APX	78 - 3
	RTCF	

TYPE No.	MFRS	Pg&Line
BD213-45/BD214-45		
	ALGG	78 - 4
BD213-60/BD214-60		
	ALGG	78 - 5
BD213-80/BD214-80		
	ALGG	78 - 6
BD266/267	RTCF	81 - 2
BD266A/267A	RTCF	81 - 41
BD266B/267B	RTCF	77 - 14
BD585-BD586	ALGG	77 - 15
BD587-BD588	ALGG	77 - 16
BD589-BD590	ALGG	77 - 17
BD595-BD596	ALGG	77 - 18
BD597-BD598	ALGG	77 - 19
BD599-BD600	ALGG	77 - 20
BDX66/67	RTCF	81 - 30
BDX66A/67A	RTCF	81 - 42
BDX66B/67B	RTCF	81 - 44
BFW39A	SGSI	78 - 7
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BFW40A	SGSI	78 - 8
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BFW51	SGSI	81 - 20
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BFW51A	SGSI	81 - 34
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BFW52	SGSI	81 - 21
BFW52A	SGSI	81 - 35
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BFX10	SGSI	80 - 41
BFY21	ITTG	76 - 80
BFY85A	ALGG	78 - 9
BFY85B	ALGG	78 - 10
BFY86A	ALGG	78 - 11
BFY86B	ALGG	78 - 12
BN209	TII	78 - 13
BN4000	SOD	54 - 63
BN4001	SOD	56 - 47
BN4002	SOD	57 - 91
BN4003	SOD	58 -101
BN4004	SOD	59 -101
BN4005	SOD	60 - 2
BN4006	SOD	60 - 36
BN4008	SOD	59 - 92
BN4009	SOD	59 - 91
BN4100	SOD	53 - 65
BN4101	SOD	54 - 64
BN4102	SOD	56 - 48
BN4103	SOD	57 - 92
BN4104	SOD	59 - 8
BSX85	SGSI	75 - 96
BSX86	SGSI	75 - 97
BSY42	ITTG	81 -107
BSY43	ITTG	81 -108
BUF01AJ	♦PMI	16 - 43
BUF01AZ	PMI	16 - 44
BUF01AZ#mil	PMI	16 - 45
BUF01BJ	♦PMI	16 - 46
BUF01BZ	PMI	16 - 47
BUF01BZ#mil	PMI	16 - 48
BUF01EJ	♦PMI	16 - 49
BUF01EZ	PMI	16 - 50
BUF01FJ	♦PMI	16 - 51
BUF01FZ	PMI	16 - 52
BUF02AJ	♦PMI	16 - 20
BUF02AZ	PMI	16 - 21
BUF02BJ	♦PMI	16 - 22
BUF02BZ	PMI	16 - 23
BUF02EJ	♦PMI	16 - 24
BUF02EZ	PMI	16 - 25
BUF02FJ	♦PMI	16 - 26
BUF02FZ	PMI	16 - 27
C94EG	♦SLCB	78 - 14
C94ER	♦SLCB	78 - 15
C95EG	♦SLCB	78 - 16
C95ER	♦SLCB	78 - 17
C96EG	♦SLCB	78 - 18
C97EG	♦SLCB	78 - 19
C97ER	♦SLCB	78 - 20
C98EG	♦SLCB	78 - 21
C98ER	♦SLCB	78 - 22
C216	CPD	61 - 73
C218A	♦CPD	24 - 13
C218B	♦CPD	24 - 14
C218C	♦CPD	24 - 55
C226	CPD	58 - 49
C228A	CPD	24 - 46
C228B	CPD	24 - 47
C228C	CPD	24 - 79
C238A	♦CPD	24 - 48
C238B	♦CPD	24 - 49
C238C	♦CPD	24 - 80
C2306	SLCB	75 - 33
CA080AE	♦RCA	26 - 64
CA080AS	♦RCA	28 - 32
CA080AT	♦RCA	28 - 33
CA080BE	♦RCA	26 - 54
CA080CS	♦RCA	26 - 96
CA080CT	♦RCA	26 - 97
CA080E	♦RCA	23 - 88
CA080S	♦RCA	23 - 87
CA080T	♦RCA	29 - 66
CA081AT	♦RCA	28 - 34
CA081CT	♦RCA	26 - 98
CA081T	♦RCA	29 - 67
CA083AE	♦RCA	45 - 36
CA083BE	♦RCA	45 - 35
CA083E	♦RCA	45 - 37
CA101AG	♦RCA	33 - 43
CA101AS	♦RCA	33 - 44
CA101AT	♦RCA	33 - 45
CA101G	RCA	37 - 86
CA107G	♦RCA	33 - 46
CA107S	♦RCA	33 - 47

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CA107T	♦RCA	33 - 48
CA108AS	♦RCA	26 -100
CA108AT	♦RCA	26 -101
CA108S	♦RCA	27 - 32
CA108T	♦RCA	27 - 33
CA111G	♦RCA	83 - 58
CA111S	♦RCA	83 - 83
CA111T	♦RCA	83 - 84
CA124G	♦RCA	50 - 6
CA139AG	♦RCA	87 - 69
CA139G	♦RCA	87 - 71
CA158AG	♦RCA	47 - 9
CA158G	♦RCA	47 - 60
CA201AG	♦RCA	33 - 49
CA201AS	♦RCA	33 - 50
CA201AT	♦RCA	33 - 51
CA201G	RCA	41 - 98
CA207G	♦RCA	33 - 52
CA207S	♦RCA	33 - 53
CA207T	♦RCA	33 - 54
CA208AS	♦RCA	26 -102
CA208AT	♦RCA	26 -103
CA208S	♦RCA	27 - 34
CA208T	♦RCA	27 - 35
CA211G	♦RCA	83 - 59
CA211S	♦RCA	83 - 85
CA211T	♦RCA	83 - 86
CA224G	♦RCA	50 - 71
CA239AG	♦RCA	87 - 76
CA239G	♦RCA	87 - 81
CA258G	♦RCA	47 - 56
CA301AG	♦RCA	36 - 69
CA307G	♦RCA	36 - 70
CA308AS	♦RCA	28 -106
CA308AT	♦RCA	28 -107
CA308H	♦RCA	29 - 15
CA308S	♦RCA	29 - 16
CA308T	♦RCA	29 - 17
CA311G	♦RCA	83 - 97
CA311H	RCA	83 - 98
CA324G	♦RCA	50 - 72
CA324HG	RCA	50 - 73
CA339AG	♦RCA	87 - 77
CA339G	♦RCA	87 - 82
CA339HG	RCA	87 - 78
CA358AG	♦RCA	47 - 23
CA358G	♦RCA	47 - 80
CA580	♦INT	25 - 98
CA741CF	RCA	39 - 51
CA741CG	♦RCA	40 - 48
CA741CH	♦RCA	39 - 52
CA741CHG	RCA	39 - 53
CA741G	♦RCA	38 - 34
CA741HG	RCA	41 - 18
CA741L	♦RCA	41 - 19
CA747CF	RCA	47 -104
CA747CG	♦RCA	48 - 32
CA747CHG	RCA	47 -105
CA747F	RCA	48 - 65
CA747G	♦RCA	47 - 90
CA747HG	RCA	48 - 66
CA748CF	RCA	48 - 67
CA748CG	♦RCA	39 - 54
CA748G	♦RCA	37 - 87
CA1458F	RCA	47 -106
CA1458G	RCA	48 - 33
CA1524G	RCA	62 - 33
CA1558F	RCA	47 - 99
CA1558G	♦RCA	47 - 91
CA2524G	RCA	62 - 34
CA2904G	RCA	47 - 83
CA3000H	♦RCA	17 - 57
CA3001H	♦RCA	18 - 64
CA3002H	♦RCA	18 - 61
CA3004	♦RCA	17 - 6
		64 - 79
CA3005H	♦RCA	17 - 7
		64 - 82
CA3007	♦RCA	17 - 5
CA3008	♦RCA	44 - 62
CA3008A	♦RCA	44 - 1
CA3015L	RCA	44 - 16
CA3021	♦RCA	18 - 34
CA3022	♦RCA	18 - 39
CA3023	♦RCA	18 - 58
CA3023H	♦RCA	18 - 59
CA3028	RCA	65 - 15
CA3028A△	LSI	65 - 16
CA3028AF☒	RCA	17 - 87
CA3028B△	LSI	65 - 17
CA3028BF☒	♦RCA	17 - 11
CA3031-702A	♦RCA	44 - 93
CA3032-702C	♦RCA	44 - 94
CA3033	♦RCA	37 - 31
CA3033A	♦RCA	45 - 6
CA3033H	RCA	37 - 32
CA3034	♦RCA	19 - 26
CA3034V1	♦RCA	19 - 27
CA3035	♦RCA	90 - 14
CA3047	♦RCA	37 - 33
CA3047A	♦RCA	35 - 85
CA3053△	LSI	65 - 11
CA3053F	RCA	17 - 12
		65 - 13
CA3053F☒	♦RCA	17 - 13
CA3053S	♦RCA	17 - 14
		65 - 14
CA3054L	RCA	17 - 93
CA3055	RCA	59 - 46
	SGSI	
CA3056-741C	♦RCA	39 - 55
CA3056A741	♦RCA	44 - 74
CA3060D	♦RCA	49 - 40
CA3078	♦RCA	35 - 80

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CA3078AF	♦RCA	35 - 81
CA3078F	RCA	35 - 82
CA3085L	♦RCA	61 - 17
CA3100F	RCA	43 - 76
CA3140AE#2	RCA	24 - 3
CA3140AS#2	RCA	24 - 4
CA3140AT#2	RCA	24 - 5
CA3140BS#1	♦RCA	25 - 15
CA3140BS#2	RCA	24 - 1
CA3140BT#1	♦RCA	25 - 16
CA3140BT#2	RCA	24 - 2
CA3140E#2	RCA	24 - 6
CA3140S#2	RCA	24 - 7
CA3140T#2	RCA	24 - 8
CA3240AS	RCA	25 - 17
CA3240AT	RCA	25 - 18
CA3240S	RCA	25 - 19
CA3240T	RCA	25 - 20
CA3401G	RCA	50 - 86
CA3401GH	RCA	50 - 87
CA3524G	♦RCA	62 - 35
CD91	TCY	80 - 42
CD92	TCY	80 - 43
CD93	TCY	80 - 44
CD94	TCY	80 - 45
CD95	TCY	80 - 46
CD96	TCY	80 - 47
CD97	TCY	80 - 48
CD98	TCY	80 - 49
CD912	TCY	80 - 50
CD922	TCY	80 - 51
CD932	TCY	80 - 52
CD942	TCY	80 - 53
CD952	TCY	80 - 54
CD962	TCY	80 - 55
CD972	TCY	80 - 56
CD982	TCY	80 - 57
CD22417E	none	69 - 89
CH1252	♦CER	68 - 7
CH1253	♦CER	68 - 8
CH1257	♦CER	68 - 9
CIA2	TPN	32 - 29
CMC100	♦TSC	60 - 67
CMC104	TSC	61 - 82
CMC105	♦TSC	62 - 2
CMC200	♦TSC	60 - 68
CMC205	♦TSC	62 - 1
CMC300	♦TSC	60 - 69
CMC305	♦TSC	60 -105
CMC513	♦TSC	60 - 46
CMC513-1	♦TSC	60 - 47
CMC513-2	♦TSC	56 - 67
CMC513-3	♦TSC	56 - 68
CMC513-4	♦TSC	56 - 69
CMC602	TSC	18 - 28
CMC602-1	TSC	19 - 45
CMC602-4	TSC	19 - 46
CMC723	TSC	61 - 41
CMC5000	TSC	61 - 83
CMC5050	TSC	none
Repl.by 822BE Obs.		
CMC5051	TSC	none
Repl.by 822CU Cur.		
CMC5100	TSC	60 - 48
CMC5130	TSC	none
Repl.by 824BE Obs.		
CMC5131	TSC	none
Repl.by 825CU Obs.		
CMC5138	TSC	none
Repl.by 826BE Obs.		
CMC6020	TSC	none
Repl.by 920BE Obs.		
CMC6021	TSC	none
Repl.by 920CU Obs.		
CMP01BZ#mil	♦PMI	84 - 8
CMP01L	PMI	84 - 9
CMP02BJ	♦PMI	83 - 46
CMP02BY	♦PMI	83 - 47
CMP02BZ#mil	♦PMI	83 - 87
CMP02CY	♦PMI	83 - 90
CMP02EY	♦PMI	83 - 41
CMP02L	PMI	83 - 48
CMP02Y	♦PMI	83 - 49
CMP03AJ#mil	PMI	83 - 30
CMP03AY#mil	PMI	83 - 31
CMP03AZ#mil	PMI	83 - 32
CMP03EJ#ai	PMI	83 - 51
CMP03EY#ai	PMI	83 - 52
CMP03EZ#ai	PMI	83 - 53
CMP03G#ai	PMI	83 - 43
CMP03N#ai	PMI	83 - 44
CMP81CY	PMI	83 - 16
CMP81EY	PMI	84 - 2
CMP82CJ	PMI	83 - 88
CMP82CY	PMI	83 - 89
CMP82EJ	PMI	83 - 39
CMP82EY	PMI	83 - 40
CS100	CHE	17 - 3
CS555A	CHE	71 - 13
CS555B	CHE	71 - 14
CS2639	TSC	80 - 58
CS2640	TSC	78 - 23
CS2641	TSC	75 - 34
CS2642	TSC	78 - 24
CS2643	TSC	78 - 25
CS2644	TSC	75 - 35
CS29008	TSC	78 - 26
CS29009	TSC	78 - 27
CS29010	TSC	75 - 36
CS29011	TSC	78 - 28
CS29012	TSC	78 - 29
CS29013	TSC	75 - 37
CTS0032	♦CMI	25 - 58
CTS0033	♦CMI	16 - 28

♦-Mfr's data sheet available in microfilm service

Cur-In current D.A.T.A.BOOK Obs-In this book

△-Registered with JEDEC by this manufacturer

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CTS101A	♦CMI	33 - 55
CTS108A	♦CMI	26 -104
CTS111	♦CMI	83 - 50
CTS861	♦CMI	90 - 31
CTS862	♦CMI	44 -105
CTS870	♦CMI	59 - 90
CTS873	♦CMI	60 - 59
CTS878	♦CMI	62 - 28
CTS879	♦CMI	62 - 26
D2T918	♦TII	75 - 38
D4	♦DDC	24 -100
D12A8	GESY	78 - 30
D12E026	♦GESY	78 - 31
D12E109	GESY	78 - 32
D12E126	♦GESY	78 - 33
D12X010	GESY	76 - 55
D12X011	GESY	76 - 56
D12X014	GESY	76 - 57
D12X015	GESY	76 - 58
D12X084A	♦GESY	81 - 7
D13V	♦GESY	62 - 25
D16P3	GESY	76 - 12
D16P4	GESY	76 - 13
D555CJ	TSC	72 -106
D951-1R	♦ELLB	71 - 44
D951-1U	♦ELLB	71 - 45
D951-9R	♦ELLB	71 - 46
D951-9U	♦ELLB	71 - 47
D4083	EEC	40 - 77
D4084	EEC	25 - 73
DBOS1193	SSE	71 - 48
DBOS1193XA	SSE	71 - 49
DBOS1193XAN	SSE	71 - 50
DBOS1193XB	SSE	71 - 51
DBOS1193XBN	SSE	71 - 52
DBOS1193XC	SSE	71 - 53
DBOS1193XCN	SSE	71 - 54
DBOS1193XD	SSE	71 - 55
DBOS1193XDN	SSE	71 - 56
DBOS1193YA	SSE	71 - 57
DBOS1193YAN	SSE	71 - 58
DBOS1193YB	SSE	71 - 59
DBOS1193YBN	SSE	71 - 60
DBOS1193YC	SSE	71 - 61
DBOS1193YCN	SSE	71 - 62
DBOS1193YD	SSE	71 - 63
DBOS1193YDN	SSE	71 - 64
DBOS1193ZA	SSE	71 - 65
DBOS1193ZAN	SSE	71 - 66
DBOS1193ZB	SSE	71 - 67
DBOS1193ZBN	SSE	71 - 68
DBOS1193ZC	SSE	71 - 69
DBOS1193ZCN	SSE	71 - 70
DBOS1193ZD	SSE	71 - 71
DBOS1193ZDN	SSE	71 - 72
DC702D	♦DDC	17 - 96
DC702F	♦DDC	17 - 97
DC702T	♦DDC	17 - 98
DC709D	♦DDC	43 - 64
DC709F	♦DDC	43 - 65
DC709T	♦DDC	43 - 70
DC710F	♦DDC	85 - 95
DC710H	♦DDC	85 - 96
DC711	♦DDC	87 - 4
DD15K	♦AMI	75 - 61
DF215CJ	♦SIX	72 - 43
DF216CJ	♦SIX	71 - 24
DF321DJ	SIX	70 - 12
DF321DR	SIX	70 - 19
DF325DJ	SIX	70 - 32
DF331/332	♦SIX	68 - 68
DF334CJ	SIX	68 - 69
DF341/342	♦SIX	68 - 67
DFNA3-50	♦DIC	78 - 34
DFNA3-100	♦DIC	78 - 35
DH3467CD	NSC	75 - 88
DH3468CD	NSC	75 - 89
DH3724CD	NSC	74 -102
DH3725CD	NSC	74 -103
DM01	♦ADC	71 - 15
DM01B	♦AMI	75 - 62
DM02B	♦AMI	75 - 63
DM03B	♦AMI	75 - 64
DM05A	♦AMI	75 - 65
DM06A	♦AMI	75 - 66
DM337	HIS	73 - 7
DM702D	♦DDC	17 - 99
DM702F	♦DDC	17 -100
DM702T	♦DDC	17 -101
DM709D	♦DDC	42 - 56
DM709F	♦DDC	42 - 57
DM709T	♦DDC	42 - 79
DM710F	♦DDC	85 - 90
DM710H	♦DDC	85 - 91
DM711	♦DDC	87 - 5
DM3510B	INI	72 - 57
DM3520B	INI	72 - 58
DM3710B	INI	72 - 59
DM3720B	INI	72 - 60
DM4410B	INI	72 - 61
DM4420B	INI	72 - 62
DN807	♦MATJ	74 - 53
DP1001	TSC	80 - 59
DP1002	TSC	80 - 60
DP1003	TSC	80 - 61
DP1004	TSC	80 - 62
DP1005	TSC	80 - 63
DP1006	TSC	80 - 64
DP1007	TSC	80 - 65
DP1008	TSC	80 - 66
DP1009	TSC	80 - 67
DP1010	TSC	80 - 68
DPA500	SIE	38 - 25
DRAM6.8A10	SIE	88 - 8
DRAM6.8A100	SIE	88 - 9
DRAM6.8A25	SIE	88 - 10
DRAM6.8A50	SIE	88 - 11
DRAM6.8B10	SIE	88 - 12
DRAM6.8B100	SIE	88 - 13
DRAM6.8B25	SIE	88 - 14
DRAM6.8B50	SIE	88 - 15
DRVM6.4B10N	SIE	88 - 16
DRVM6.4B10P	SIE	88 - 17
DRVM6.4B100N	SIE	88 - 18
DRVM6.4B100P	SIE	88 - 19
DRVM6.4B25N	SIE	88 - 20
DRVM6.4B25P	SIE	88 - 21
DRVM6.4B50N	SIE	88 - 22
DRVM6.4B50P	SIE	88 - 23
DTL395151	SSD	71 - 73
DTL395159	SSD	71 - 74
DTL695151	SSD	71 - 75
DTL695159	SSD	71 - 76
DTuL951#1	ELLB	71 - 77
♦FSC	SGSI	
DTuL951#2	ELLB	71 - 78
♦FSC	SGSI	
DVR100A	SIE	60 - 18
DVR100B	SIE	60 - 19
DVR2802B3	SIE	56 - 27
DVR2803B3	SIE	56 - 28
DVR-8	♦DEL	54 -104
E400	NSC	78 - 36
♦SIX	TSC	
E401	NSC	78 - 37
♦SIX	TSC	
E402	NSC	78 - 38
♦SIX	TSC	
E410	♦SIX	78 - 39
	TSC	
E411	♦SIX	78 - 40
	TSC	
E412	♦SIX	78 - 41
	TSC	
E413	♦SIX	78 - 42
	TSC	
E414	♦SIX	78 - 43
	TSC	
E415	♦SIX	78 - 44
	TSC	
EM500	ELE	75 - 84
EM600	ELE	75 - 85
ESM700	THEF	55 - 80
ESM1406	THEF	54 - 62
ESM1410	THEF	55 - 86
FA550	♦INT	23 -109
FA551	♦INT	23 -110
FCK101	APX	71 - 79
MULB	PHIN	
	RTCF	
FCK102Q	PHIN	71 - 80
FI0049	♦FSC	75 - 98
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	DTL	
FLT-BP4B20KQ5	DTL	68 - 24
FLT-BP4B50Q5	DTL	68 - 25
FLT-BP4B500Q10		68 - 26
	DTL	
FLT-BP4B500Q5	DTL	68 - 27
FLT-LP4B5K	DTL	68 - 28
FLT-LP4B50	DTL	68 - 29
FLT-LP4B50K	DTL	68 - 30
FLT-LP4B500	DTL	68 - 31
FLT-LP4L5K	DTL	68 - 32
FLT-LP4L50	DTL	68 - 33
FLT-LP4L50K	DTL	68 - 34
FLT-LP6B5K	DTL	68 - 35
FLT-LP6B50	DTL	68 - 36
FLT-LP6B50K	DTL	68 - 37
FLT-LP6B500	DTL	68 - 38
FLT-LP6L5K	DTL	68 - 39
FLT-LP6L50	DTL	68 - 40
FLT-LP6L50K	DTL	68 - 41
FLT-LP6L500	DTL	68 - 42
FM1100	♦NSC	78 - 45
FM1101	♦NSC	78 - 46
FM1102	♦NSC	78 - 47
FM1103	♦NSC	78 - 48
FM1104	♦NSC	78 - 49
FM1105	♦NSC	78 - 50
FM1106	♦NSC	78 - 51
FM1107	♦NSC	78 - 52
FM1108	♦NSC	78 - 53
FM1109	♦NSC	78 - 54
FM1110	♦NSC	78 - 55
FM1111	♦NSC	78 - 56
FM1200	♦NSC	78 - 57
FM1201	♦NSC	78 - 58
FM1202	♦NSC	78 - 59
FM1203	♦NSC	78 - 60
FM1204	♦NSC	78 - 61
FM1205	♦NSC	78 - 62
FM1206	♦NSC	78 - 63
FM1207	♦NSC	78 - 64
FM1208	♦NSC	78 - 65
FM1209	♦NSC	78 - 66
FM1210	♦NSC	78 - 67
FM1211	♦NSC	78 - 68
FM3954	♦NSC	78 - 69
FM3954A	♦NSC	78 - 70
FM3955	♦NSC	78 - 71
FM3955A	♦NSC	78 - 72
FM3956	♦NSC	78 - 73
FM3957	♦NSC	78 - 74
FM3958	♦NSC	78 - 75
FP4339/2N4339	SIX	78 - 76
FP4340/2N4340	SIX	78 - 77
FSP1	♦SGSI	81 - 9
FSP22	♦FSC	76 - 59
FSP598	ΔGIC	76 - 7
FT701	♦FSC	75 - 99
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FT2974	FSC	79 - 79
FT2978	FSC	79 - 80
FT3838	SGSI	82 - 7
FT4017	♦FSC	76 - 83
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FT4018	♦FSC	76 - 82
	SGSI	
FT4019	♦FSC	76 - 81
	SGSI	
FT4020	♦FSC	81 - 24
	SGSI	
FT4021	♦FSC	81 - 37
	SGSI	
FT4022	♦FSC	81 - 38
	SGSI	
FT4023	♦FSC	81 - 25
	SGSI	
FT4024	♦FSC	81 - 39
	SGSI	
FT4025	♦FSC	81 - 40
	SGSI	
FT5715M	FCAJ	75 - 86
FT5746M	FCAJ	74 - 26
FT5747M	FCAJ	74 - 30
FT5749M	FCAJ	74 - 27
FuL95129	FSC	71 - 81
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G106	♦EEC	90 - 28
G506	♦EEC	71 - 16
G4320DI#ai	GTE	70 - 52
G4320DM#ai	GTE	70 - 53
G4320P#ai	♦GTE	70 - 41
G4320PI#ai	GTE	70 - 42
G4325CM#ai	♦GTE	70 - 54
G4325DI#ai	GTE	70 - 55
G4325P#ai	♦GTE	70 - 43
G4325PI#ai	GTE	70 - 44
G4326DI#ai	GTE	70 - 56
G4326P#ai	♦GTE	70 - 45
G4326PI#ai	GTE	70 - 46
G5087DI	♦GTE	69 - 22
G5087P	♦GTE	69 - 23
G5087PI	♦GTE	69 - 24
G5089DI	♦GTE	69 - 25
G5089P	♦GTE	69 - 26
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HA1-1600-8	HAS	88 - 25
HA1-1602-2	HAS	88 - 26
HA1-1602-8	HAS	88 - 27
HA1-1605-5	HAS	88 - 28
HA1-2111	♦HAS	83 - 60
HA1-2211	♦HAS	83 - 61
HA1-2311	♦HAS	83 - 99
HA1-2400	HAS	none
Repl.by HA2400 Cur.		
HA1-2404	HAS	none
Repl.by HA2404 Cur.		
HA1-2405	HAS	none
Repl.by HA2405 Cur.		
HA1-2655	HAS	none
Repl.by HA2655 Cur.		
HA1-2700	HAS	none
Repl.by HA2700 Cur.		
HA1-2704	HAS	none
Repl.by HA2704 Cur.		
HA1-2705	HAS	none
Repl.by HA2705 Cur.		
HA1-2730	HAS	none
Repl.by HA2730 Cur.		
HA1-2735	HAS	none
Repl.by HA2735 Cur.		
HA1-4602-2	HAS	none
Repl.by HA4602-2 Cur.		
HA1-4605-5	HAS	none
Repl.by HA4605-5 Cur.		
HA1-4741-2	HAS	none
	RTN	
Repl.by HA4741-2 Cur.		
HA1-4741-5	HAS	none
	RTN	
Repl.by HA4741-5 Cur.		
HA1-4900-2	HAS	none
Repl.by HA4900-2 Cur.		
HA1-4900-8	HAS	none
Repl.by HA4900-8 Cur.		
HA1-4905-5	HAS	none
Repl.by HA4905-5 Cur.		
HA1-4905-6	HAS	none
Repl.by HA4905-6 Cur.		
HA1-4920-2	HAS	none
Repl.by HA4920-2 Cur.		
HA1-4925-5	HAS	none
Repl.by HA4925-5 Cur.		
HA1-5190-2	HAS	none
Repl.by HA5190-2 Cur.		
HA1-5190-8	HAS	none
Repl.by HA5190-8 Cur.		
HA1-5195-5	HAS	none
Repl.by HA5195-5 Cur.		
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HA2-2000A	HAS	16 - 30
HA2-2005	HAS	16 - 31
HA2-2005A	HAS	16 - 32
HA2-2050	HAS	29 - 72
HA2-2050A	HAS	29 - 70
HA2-2055	HAS	26 - 68
HA2-2055A	HAS	26 - 65
HA2-2060	HAS	29 - 75
HA2-2060A	HAS	29 - 73
HA2-2065	HAS	26 - 72
HA2-2065A	HAS	26 - 70
HA2-2111	♦HAS	83 - 62
HA2-2211	♦HAS	83 - 63
HA2-2311	♦HAS	83 -100
HA2-2520	HAS	none
Repl.by HA2520 Cur.		
HA2-2522	HAS	none
Repl.by HA2522 Cur.		
HA2-2525	HAS	none
Repl.by HA2525 Cur.		
HA2-2530	HAS	90 - 15
HA2-2535	HAS	90 - 16
HA2-2600	HAS	none
Repl.by HA2600 Cur.		
HA2-2602	HAS	none
Repl.by HA2602 Cur.		
HA2-2605	HAS	none
Repl.by HA2605 Cur.		
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HA2-2620	HAS	31 - 13
HA2-2622	HAS	32 - 33
HA2-2625	HAS	31 - 56
HA2-2625-2	INL	31 - 21
HA2-2630	HAS	none
Repl.by HA2630 Cur.		
HA2-2635	HAS	none
Repl.by HA2635 Cur.		
HA2-2640	HAS	none
Repl.by HA2640 Cur.		
HA2-2645	HAS	none
Repl.by HA2645 Cur.		
HA2-2650	HAS	47 - 31
HA2-2655	HAS	none
Repl.by HA2655 Cur.		
HA2-2700	HAS	31 - 78
HA2-2704	HAS	31 - 79
HA2-2705	HAS	32 - 42
HA2-2720	HAS	none
Repl.by HA2720 Cur.		
HA2-2725	HAS	none
Repl.by HA2725 Cur.		
HA2-2900	HAS	51 - 8
HA2-2904	HAS	51 - 7
HA2-2905	HAS	51 - 9
HA2-5100-2	HAS	none
Repl.by HA5100-2 Cur.		
HA2-5100-5	HAS	none
Repl.by HA5100-5 Cur.		
HA2-5105-5	HAS	none
Repl.by HA5105-5 Cur.		
HA2-5110-2	HAS	none
Repl.by HA5110-2 Cur.		
HA2-5110-5	HAS	none
Repl.by HA5110-5 Cur.		
HA2-5115-5	HAS	none
Repl.by HA5115-5 Cur.		
HA2-5190-2	HAS	none
Repl.by HA5190-2 Cur.		
HA2-5190-8	HAS	none
Repl.by HA5190-8 Cur.		
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HA2A2107	HAS	33 - 56
HA2A2107-3	HAS	41 - 20
HA2A2201A	HAS	46 -105
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HA2A2307	HAS	36 - 71
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HA3-2517	HAS	38 - 61
HA3-2527	HAS	38 - 62
HA3-2607	HAS	31 -104
HA3-2627	HAS	31 -110
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HA9-909A	HAS	36 - 15
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HA9-2500	HAS	37 - 59
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HA9-2505	HAS	38 - 57
HA9-2510	HAS	37 - 62
HA9-2512	HAS	38 - 63
HA9-2515	HAS	38 - 64
HA9-2520	HAS	37 - 67
HA9-2522	HAS	38 - 90
HA9-2525	HAS	38 - 65
HA9-2600	HAS	30 - 99
HA9-2602	HAS	32 - 32
HA9-2605	HAS	31 - 51
HA9-2620	HAS	30 -101
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♦-Mfr's data sheet available in microfilm service

Cur-In current D.A.T.A.BOOK Obs-In this book

Δ-Registered with JEDEC by this manufacturer

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LF351BH	♦NSC	28 - 90
LF351BN1	♦NSC	28 - 89
LF351BN	♦NSC	28 - 91
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LF353AH	♦NSC	45 - 74
LF353AN	♦NSC	45 - 75
LF353BH	♦NSC	46 - 12
LF353BN	♦NSC	46 - 13
LF354AN	NSC	45 - 76
LF354BN	NSC	46 - 14
LF354N	NSC	46 - 15
LF355	ANS	25 -108
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LF355AJG	♦TII	28 - 5
LF355AL	TII	28 - 6
LF355AN	RTN	28 - 7
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LF355BN	♦MOTA	28 - 17
LF355DE	RTN	25 -106
LF355JG	♦TII	28 - 77
LF355L	TII	28 - 78
LF355P	♦TII	28 - 79
LF356	ANS	26 - 10
LF356ADE	RTN	25 - 45
LF356AJG	♦TII	28 - 21
LF356AL	TII	28 - 22
LF356AN	RTN	28 - 28

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LF356BN	♦MOTA	28 - 38
LF356DE	RTN	26 - 8
LF356JG	♦TII	28 - 92
LF356L	TII	28 - 93
LF356P	♦TII	28 - 94
LF357ADE	RTN	25 - 50
LF357AJG	♦TII	28 - 41
LF357AL	TII	28 - 42
LF357AN	RTN	28 - 43
LF357AP	INL	28 - 44
	♦TII	
LF357BN	♦MOTA	28 - 53
LF357DE	RTN	26 - 15
LF357JG	♦TII	28 - 98
LF357L	TII	28 - 99
LF357P	♦TII	28 -100
LF2155AJG	♦TII	46 - 39
LF2155AL	♦TII	46 - 40
LF2155AP	♦TII	46 - 41
LF2155JG	♦TII	46 - 60
LF2155L	♦TII	46 - 61
LF2155P	♦TII	46 - 62
LF2156AJG	♦TII	46 - 43
LF2156AL	♦TII	46 - 44
LF2156AP	♦TII	46 - 45
LF2156JG	♦TII	46 - 76
LF2156L	♦TII	46 - 77
LF2156P	♦TII	46 - 78
LF2157AJG	TII	46 - 46
LF2157AL	TII	46 - 47
LF2157AP	TII	46 - 48
LF2157JG	TII	46 - 80
LF2157L	TII	46 - 81
LF2157P	TII	46 - 82
LF2255L	♦TII	45 - 80
LF2255P	♦TII	45 - 81
LF2256L	♦TII	45 - 86
LF2256P	♦TII	45 - 87
LF2257JG	TII	45 - 91
LF2257L	TII	45 - 92
LF2257P	TII	45 - 93
LF2355AJG	♦TII	45 - 77
LF2355AL	♦TII	45 - 78
LF2355AP	♦TII	45 - 79
LF2355JG	♦TII	45 -103
LF2355L	♦TII	45 -104
LF2355P	♦TII	45 -105
LF2356AJG	♦TII	45 - 83
LF2356AL	♦TII	45 - 84
LF2356AP	♦TII	45 - 85
LF2356JG	♦TII	46 - 16
LF2356L	♦TII	46 - 17
LF2357AJG	TII	45 - 88
LF2357AL	TII	45 - 89
LF2357AP	TII	45 - 90
LF2357JG	TII	46 - 18
LF2357L	TII	46 - 19
LF2357P	TII	46 - 20
LFT155H	♦NSC	28 - 3
LFT156H	♦NSC	28 - 26
LFT355H	♦NSC	28 - 4
LFT356H	♦NSC	28 - 27
LH0001ACD	GIC	36 - 60
	♦NSC	
LH0001ACF	GIC	36 - 61
	♦NSC	
LH0001ACH	GIC	36 - 62
	♦NSC	
LH0001AD	GIC	36 - 54
	♦NSC	
LH0001AF	GIC	36 - 55
	♦NSC	
LH0001AH	GIC	36 - 56
	♦NSC	
LH0001H	♦NSC	36 - 49
LH0042CF	NSC	25 - 36
LH0042F883	NSC	25 - 1
LH0042F	NSC	25 - 2
LH0042H	♦NSC	25 - 3
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LH0070-1H	none	88 - 94
LH0070-2H	none	88 - 95
LH101D	NECJ	41 - 24
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LH201D	♦RTN	42 - 95
	♦SIX	
LH201F	NSC	42 - 96
	♦SIX	
LH740A	INL	27 - 97
	NSC	
LH740AC	NSC	27 -110
LH2108AF	NSC	45 - 54
	SIC	
LH2208AF	NSC	45 - 55
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LH2308AD☒	♦AMD	28 -108
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LH2308D☒	♦AMD	29 - 19
LM10CLJ8	none	51 - 28
LM38BH1.2	none	88 - 74
LM78L06ACH	♦NSC	54 - 20
LM78L06CH	♦NSC	54 - 21
LM78L08ACH	♦NSC	54 - 94
LM78L08CH	♦NSC	54 - 95
LM78L10ACH	♦NSC	55 - 74
LM78L10CH	♦NSC	55 - 75
LM78L18ACH	♦NSC	57 - 55
LM78L18CH	♦NSC	57 - 56
LM78L24ACH	♦NSC	58 - 50
LM78L24CH	♦NSC	58 - 51
LM78M06CP	NSC	54 - 32

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LM78M10CP	NSC	55 - 83
LM78M18CP	NSC	57 - 69
LM78M24CP	NSC	58 - 66
LM79M06ACH	NSC	54 - 33
LM79M06ACP	NSC	54 - 34
LM79M08ACH	NSC	54 -107
LM79M08ACP	NSC	54 -108
LM79M24ACH	NSC	58 - 67
LM79M24ACP	NSC	58 - 68
LM100F	♦INL	57 - 30
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LM100T	♦INL	53 - 6
LM101	♦SELI	38 - 29
LM101A	♦NSC	34 - 37
	♦SELI	
LM101AF883	NECJ	33 - 60
	NSC	
LM101AJ03	♦RTN	34 - 26
LM101AL	♦TII	33 - 61
LM101H883	NECJ	40 -109
	NSC	
LM101H	FSC	41 - 25
NSC	♦RTN	
	♦SIX	
LM101J14	NSC	37 - 89
LM101N☒	♦RTN	41 - 26
LM103-1.8	NSC	88 - 70
LM103-2.0	NSC	88 - 71
LM103-2.2	NSC	88 - 72
LM103-2.4	NSC	88 - 73
LM103-2.7	NSC	88 - 77
LM103-3.0	NSC	88 - 78
LM103-3.3	NSC	88 - 79
LM103-3.6	NSC	88 - 80
LM103-3.9	NSC	88 - 81
LM103-4.3	NSC	88 - 82
LM103-4.7	NSC	88 - 83
LM103-5.1	NSC	88 - 87
LM103-5.6	NSC	88 - 88
LM103H3.0	NSC	88 - 34
LM103H	NSC	88 - 35
LM104F883	NECJ	58 - 17
	♦NSC	
LM104F	NSC	58 - 9
	♦RTN	
LM104H03	♦RTN	58 - 10
LM104L	TII	57 -110
LM105AL	TII	60 - 83
LM105D	♦RTN	60 -104
LM105F883	NECJ	62 - 6
	♦NSC	
LM105L	TII	60 - 84
LM106F883	NECJ	85 - 7
	♦NSC	
LM106F	NSC	85 - 24
	♦RTN	
LM106L	TII	85 - 10
LM107	NSC	34 - 58
LM107D	NSC	33 - 62
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LM107F883	NECJ	33 - 63
	♦NSC	
LM107H03	RTN	33 - 64
LM107J03	RTN	33 - 65
LM107L	TII	33 - 66
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LM108	♦SELI	26 - 91
LM108A	♦SELI	26 - 89
LM108ADE03	♦RTN	26 -105
LM108ADE	♦RTN	26 -106
LM108AF883	NSC	26 -107
LM108AH883	NECJ	27 - 81
LM108AJ03	♦RTN	26 -108
LM108AJ☒	MOTA	26 -109
LM108AJ-8	NSC	26 -110
LM108E	♦TSC	27 - 37
LM108F883	NECJ	27 - 86
LM108H883	NECJ	27 - 87
LM108J03	♦RTN	27 - 1
LM108J☒	MOTA	27 - 38
LM108J-8	NSC	27 - 39
LM109H03	♦RTN	53 - 42
LM109K03	♦RTN	53 - 77
LM109LA	♦TII	53 - 43
LM110F883	NSC	16 - 42
LM111H03	♦RTN	85 - 89
LM112D	NSC	27 - 40
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LM116AF	RTN	25 - 66
LM116AH	RTN	25 - 67
LM116D	RTN	26 - 24
LM116F	RTN	26 - 25
LM116H	RTN	26 - 26
LM117KA	♦TII	60 - 99
LM118D883	NSC	38 - 68
LM118J-8	NSC	38 - 69
LM118P	♦RTN	38 - 70
LM118U	TII	38 - 71
LM119D883	NSC	86 - 23
LM119F883	NSC	86 - 24
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LM120H6.0	NSC	54 - 39
LM120H8.0	NSC	54 -110
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LM120K6.0	NSC	54 - 72
LM120K8.0	NSC	55 - 29
LM120K9.0	NSC	55 - 62
LM120K18	NSC	57 - 88
LM120K24	NSC	58 - 97
LM121AD	NSC	16 -105
LM121AF	NSC	16 -106
LM121D	NSC	16 -107
LM121F	NSC	16 -108
LM124AD	♦INL	49 - 86
	NSC	
LM124D	♦INL	49 - 92
NSC	RTN	
	TSC	
LM124L	TSC	50 - 5
LM127H	♦NSC	56 - 10
LM139AF	♦INL	87 - 54
♦NSC	♦RTN	
	TSC	
LM139F	♦INL	87 - 68
MULB	♦NSC	
PHIN	♦RTN	
SIC	TSC	
LM139H	TSC	87 - 53
LM140AK6.0	♦NSC	54 - 52
LM140AK8.0	♦NSC	55 - 11
LM140AK10	♦NSC	55 - 87
LM140AK18	♦NSC	57 - 76
LM140AK24	♦NSC	58 - 83
LM140AK-5.0☒	none	53 - 18
LM140K6.0	♦NSC	54 - 53
LM140K8.0	♦NSC	55 - 12
LM140K10	♦NSC	55 - 88
LM140K18	♦NSC	57 - 77
LM140K24	♦NSC	58 - 84
LM140LAH6.0	♦NSC	54 - 22
LM140LAH8.0	♦NSC	54 - 96
LM140LAH10	♦NSC	55 - 76
LM140LAH18	♦NSC	57 - 57
LM140LAH24	♦NSC	58 - 52
LM141F	TSC	32 - 19
LM141H	TSC	32 - 20
LM141J	TSC	32 - 21
LM142F	TSC	32 - 22
LM142H	TSC	32 - 30
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LM144D	NSC	30 -109
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LM148F	INL	50 - 16
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LM149	INL	50 - 20
LM149D	NSC	50 - 21
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LM160CH	NSC	84 - 12
LM160D	NSC	84 - 15
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LM160J-14	NSC	84 - 17
LM161CH	NSC	84 - 13
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LM170	LSI	65 - 39
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LM170H	♦NSC	65 - 40
LM171	LSI	64 -105
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LM171H	♦NSC	64 -106
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LM201A☒	♦SELI	32 - 75
LM201ADE	RTN	34 - 27
LM201AL	TII	33 - 67
LM201F☒	NSC	42 - 97
LM201H	♦DDC	42 - 98
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LM201J14	NSC	42 - 99
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LM204	NSC	58 - 18
LM204F	NSC	58 - 15
LM204L	TII	58 - 1
LM205F	INL	61 -110
NSC	TSC	
LM205L	TII	60 - 85
LM206	NSC	85 - 25
LM206L	TII	85 - 11
LM207	NSC	37 - 4
LM207D	NSC	33 - 68
	RTN	
LM207DE	RTN	33 - 69
LM207F	NECJ	33 - 70
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LM207L	TII	33 - 71
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LM208AJ-8	NSC	27 - 3
LM208AN	NSC	27 - 4
LM208DE	♦RTN	27 - 43
LM208E	♦TSC	27 - 44
LM208H☒	♦TSC	27 - 45
LM208J-8	NSC	27 - 46
LM209LA	♦TII	53 - 44
LM210D	♦INL	16 - 70
	NSC	
LM210F	♦INL	16 - 71
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LM211DE	♦RTN	83 - 64
LM212D	NSC	27 - 47
	♦RTN	
LM212F	NSC	27 - 48
LM216AD	NSC	25 - 68
	♦RTN	
LM216AF	NSC	25 - 69
	♦RTN	
LM216D	NSC	26 - 27
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LM216F	NSC	26 - 28
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LM217KA	♦TII	60 -100
LM218DE	♦RTN	38 - 72
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LM220H5.0	NSC	53 - 45
LM220H5.2	NSC	53 -107
LM220H6.0	NSC	54 - 40
LM220H8.0	NSC	55 - 1
LM220H9.0	NSC	55 - 54
LM220H12	NSC	56 - 21
LM220H15	NSC	56 - 89
LM220H18	NSC	57 - 62
LM220H24	NSC	58 - 57
LM220K5.0	NSC	53 - 78
LM220K5.2	NSC	54 - 2
LM220K6.0	NSC	54 - 73
LM220K8.0	NSC	55 - 30
LM220K9.0	NSC	55 - 63
LM220K12	NSC	56 - 43
LM220K15	NSC	57 - 9
LM220K18	NSC	57 - 89
LM220K24	NSC	58 - 98
LM221AD	NSC	16 -109
LM221AF	NSC	16 -110
LM221D	NSC	17 - 1
LM221F	NSC	17 - 2
LM224AD	INL	49 - 87
	NSC	
LM224AF	MULB	49 - 88
NSC	PHIN	
SIC	VALG	
LM224AN☒	RTN	49 - 89
LM224L	TSC	50 - 64
LM225H	♦NSC	56 - 81
LM226H	NSC	56 - 11
LM227H	♦NSC	56 - 12
LM239AF☒	♦RTN	87 - 57
LM239F☒	RTN	87 - 58
LM240LAH5.0	♦NSC	53 - 29
LM240LAH6.0	♦NSC	54 - 23
LM240LAH8.0	♦NSC	54 - 97
LM240LAH10	♦NSC	55 - 77
LM240LAH12	♦NSC	56 - 18
LM240LAH15	♦NSC	56 - 84
LM240LAH18	♦NSC	57 - 58
LM240LAH24	♦NSC	58 - 53
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LM241H	TSC	32 - 25
LM241J	TSC	32 - 26
LM242F	TSC	32 - 27
LM242H	TSC	32 - 31
LM242J	TSC	32 - 28
LM245K5.0	NSC	53 - 98
LM245K5.2	NSC	54 - 11
LM245K	NSC	53 -100
LM246-2J	NSC	49 -102
LM248	INL	50 - 66
LM249	INL	50 - 81
LM249D	NSC	50 - 82
LM258L	TII	47 - 81
LM260D	NSC	84 - 18
LM260J-14	NSC	84 - 19
LM261D	NSC	86 - 28
LM270	LSI	65 - 41
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LM270H	♦NSC	65 - 42
LM271	LSI	64 -107
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LM271H	♦NSC	64 -108
LM275D	NSC	20 - 81
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LM300F	♦NSC	55 -102
LM300T	♦INL	53 - 7
LM301A	NSC	36 -102
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LM301AF☒	NECJ	36 -103
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LM301AFE	RTCF	36 - 73
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LM301AH△	none	36 - 37
LM301AL	TII	36 - 74
LM301AN8	TSC	36 - 75
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LM301N	RTN	41 - 27
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LM305AD	♦RTN	60 -106
LM305AF	♦RTN	60 -107
LM305AL	TII	60 - 88
LM305D	♦RTN	60 - 37
LM305F	NSC	60 - 82
LM305L	TII	60 - 86
LM306	NSC	84 - 83
LM306L	TII	84 - 71
LM307	♦NSC	37 - 10
LM307D	♦NSC	36 - 76
	RTN	
LM307F	NECJ	36 - 77
♦NSC	RTN	
	TSC	
LM307L	TII	36 - 78
	TSC	
LM307N8	TSC	37 - 14
LM308	♦SELI	28 - 70
LM308A	♦SELI	28 - 69
LM308ADE	♦RTN	28 -109
LM308AF☒	NSC	28 -110
LM309	SELI	53 -104
LM309LA	♦TII	53 - 46
LM310F	NSC	16 - 72
LM312D	NSC	29 - 20
	♦RTN	
LM312F	NSC	29 - 21
LM312N	♦RTN	29 - 22
LM316AD	NSC	25 - 70
	♦RTN	
LM316AF	NSC	25 - 71
	♦RTN	
LM316D	NSC	26 - 29
	♦RTN	
LM316F	NSC	26 - 30
	♦RTN	
LM319D☒	none	86 - 22
LM319F	NSC	86 - 25
LM320H5.2	NSC	53 -108
LM320H6.0	NSC	54 - 41
LM320H8.0	NSC	55 - 2
LM320H9.0	NSC	55 - 56
LM320H18	NSC	57 - 66
LM320H24	NSC	58 - 62
LM320K5.2	NSC	54 - 3
LM320K6.0	NSC	54 - 74
LM320K8.0	NSC	55 - 31
LM320K9.0	NSC	55 - 64
LM320K18	NSC	57 - 90
LM320K24	NSC	58 - 99
LM320KC5.2	NSC	54 - 4
LM320KC6.0	NSC	54 - 65
LM320KC8.0	NSC	55 - 21
LM320KC9.0	NSC	55 - 61
LM320KC18	NSC	57 - 78
LM320KC24	NSC	58 - 85
LM320MLP6.0	♦NSC	54 - 31
LM320MLP8.0	♦NSC	54 -105
LM320MLP10	♦NSC	55 - 82
LM320MLP18	♦NSC	57 - 68
LM320MLP24	♦NSC	58 - 64
LM320MP5.2	NSC	53 -109
LM320MP6.0	NSC	54 - 42
LM320MP8.0	NSC	55 - 3
LM320MP9.0	NSC	55 - 57
LM320MP18	NSC	57 - 72
LM320MP24	NSC	58 - 75
LM320T5.2	♦NSC	54 - 5
LM320T6.0	♦NSC	54 - 66
LM320T8.0	♦NSC	55 - 22
LM320T9.0	♦NSC	55 - 65
LM320T18	♦NSC	57 - 79
LM320T24	♦NSC	58 - 86
LM321AD	NSC	16 -101
LM321AF	NSC	16 -102
LM321D	NSC	16 -103
LM321F	NSC	16 -104
LM324AD	INL	49 - 85
LM324L	TSC	50 - 65
LM325AS	NSC	56 - 82
LM325S	NSC	56 - 83
LM326N	NSC	56 - 13
LM326S	NSC	56 - 14
LM327H	♦NSC	56 - 15
LM327N	♦NSC	56 - 16
LM327S	♦NSC	56 - 17
LM340AK6.0	♦NSC	54 - 54
LM340AK8.0	♦NSC	55 - 13
LM340AK10	♦NSC	55 - 89
LM340AK18	♦NSC	57 - 80
LM340AK24	♦NSC	58 - 87
LM340AKC5.0	♦NSC	53 - 66
LM340AKC6.0	♦NSC	54 - 55
LM340AKC8.0	♦NSC	55 - 14
LM340AKC10	♦NSC	55 - 90
LM340AKC12	♦NSC	56 - 44
LM340AKC15	♦NSC	57 - 10
LM340AKC18	♦NSC	57 - 81
LM340AKC24	♦NSC	58 - 88
LM340AT6.0	♦NSC	54 - 56
LM340AT8.0	♦NSC	55 - 15
LM340AT10	♦NSC	55 - 91
LM340AT18	♦NSC	57 - 82
LM340AT24	♦NSC	58 - 89
LM340DA5	MULB	none
PHIN	SIC	
Repl.by LM340-5DA Obs.		
LM340DA6	MULB	none
PHIN	SIC	
Repl.by LM340-6DA Obs.		
LM340DA8	MULB	none
PHIN	SIC	
Repl.by LM340-8DA Obs.		

TYPE No.	MFRS	Pg&Line
LM340DA12	MULB	none
PHIN	SIC	
Repl.by LM340-12DA Obs.		
LM340DA15	MULB	none
PHIN	SIC	
Repl.by LM340-15DA Obs.		
LM340DA18	MULB	none
PHIN	SIC	
Repl.by LM340-18DA Cur.		
LM340DA24	MULB	none
PHIN	SIC	
Repl.by LM340-24DA Obs.		
LM340K6.0	♦NSC	54 - 57
LM340K8.0	♦NSC	55 - 16
LM340K10	♦NSC	55 - 92
LM340K18	♦NSC	57 - 83
LM340K24	♦NSC	58 - 90
LM340KC6.0	♦NSC	54 - 58
LM340KC8.0	♦NSC	55 - 17
LM340KC10	♦NSC	55 - 93
LM340KC18	♦NSC	57 - 84
LM340KC24	♦NSC	58 - 91
LM340LAH6.0	♦NSC	54 - 24
LM340LAH8.0	♦NSC	54 - 98
LM340LAH10	♦NSC	55 - 78
LM340LAH18	♦NSC	57 - 59
LM340LAH24	♦NSC	58 - 54
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LM340T10	NSC	55 - 94
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LM340U6	MULB	none
PHIN	SIC	
Repl.by LM340-6U Obs.		
LM340U8	MULB	none
PHIN	SIC	
Repl.by LM340-8U Obs.		
LM340U12	MULB	none
PHIN	SIC	
Repl.by LM340-12U Obs.		
LM340U15	MULB	none
PHIN	SIC	
Repl.by LM340-15U Obs.		
LM340U18	MULB	none
PHIN	SIC	
Repl.by LM340-18U Obs.		
LM340U24	MULB	none
PHIN	SIC	
Repl.by LM340-24U Obs.		
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LM341P8.0	NSC	54 -109
LM341P10	NSC	55 - 84
LM341P18	NSC	57 - 70
LM341P24	NSC	58 - 69
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LM342P10	NSC	55 - 79
LM342P18	NSC	57 - 63
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LM741EJ	NSC	36 - 27
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LM747-1AH	NSC	47 - 38
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♦-Mfr's data sheet available in microfilm service

Cur-In current D.A.T.A.BOOK Obs-In this book
△-Registered with JEDEC by this manufacturer

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MC3424L	♦MOTA	87 -105
MC3424P	♦MOTA	87 -106
MC3425AP1	♦MOTA	62 - 90
MC3425AU	♦MOTA	62 - 91
MC3519L	MOTA	69 - 83
MC3519P	MOTA	69 - 84
MC3523P	none	63 - 12
MC3524L	♦MOTA	87 -107
MC3525AU	♦MOTA	62 - 92
MC4558	♦MOTA	47 - 93
MC4558NCG	♦MOTA	47 - 94
MC4558NCP1	♦MOTA	47 - 95
MC4558NCU	♦MOTA	47 - 96
MC4558NG	♦MOTA	47 - 97
MC4558NU	♦MOTA	47 - 98
MC4741P	♦MOTA	41 - 44
MC6862CL	♦MOTA	69 - 61
MC6862CP	♦MOTA	69 - 62
MC6862CS	♦MOTA	69 - 63
MC7705CG	MOTA	53 - 62
MC7705CP	MOTA	53 - 63
MC7705CT	MOTA	53 - 64
MC7706CG	MOTA	54 - 49
MC7706CP	MOTA	54 - 50
MC7706CT	MOTA	54 - 51
MC7708CG	MOTA	55 - 8
MC7708CP	MOTA	55 - 9
MC7708CT	MOTA	55 - 10
MC7712CG	MOTA	56 - 40
MC7712CP	MOTA	56 - 41
MC7712CT	MOTA	56 - 42
MC7715CG	MOTA	57 - 6
MC7715CP	MOTA	57 - 7
MC7715CT	MOTA	57 - 8
MC7718CG	MOTA	57 - 74
MC7718CP	MOTA	57 - 71
MC7718CT	MOTA	57 - 75
MC7720CG	MOTA	58 - 34
MC7720CP	MOTA	58 - 35
MC7720CT	MOTA	58 - 36
MC7724CG	MOTA	58 - 81
MC7724CP	MOTA	58 - 74
MC7724CT	MOTA	58 - 82
MC7805CP	MOTA	53 - 84
MC7806CP	MOTA	54 - 75
MC7808ACT	♦MOTA	54 -103
MC7808CP	MOTA	55 - 25
MC7812CP	MOTA	56 - 49
MC7815CP	MOTA	57 - 12
MC7818CP	MOTA	57 - 98
MC7824CP	MOTA	58 - 96
MC7902CP	MOTA	53 - 10
MC7905CP	MOTA	53 - 25
MC7905.2CP	MOTA	53 -105
MC7906CP	MOTA	54 - 16
MC7908CP	MOTA	54 - 90
MC7912CP	MOTA	55 -108
MC7915CP	MOTA	56 - 71
MC7918CP	MOTA	57 - 52
MC7924CP	MOTA	58 - 46
MC8601F	MOTA	72 - 71
MC8601L,P%	MOTA	72 - 72
MC9601F	MOTA	72 - 73
MC9601L	MOTA	72 - 74
MC14402Z	MOTA	68 - 46
MC14403P	MOTA	69 - 31
MC14405P	MOTA	69 - 32
MC14406Z	MOTA	68 - 79
MC14413L	MOTA	69 - 76
MC14413P	MOTA	69 - 77
MC14414L	MOTA	69 - 78
MC14414P	MOTA	69 - 79
MC14461P	MOTA	66 - 5
MC14462P	MOTA	66 - 6
MC14464P	MOTA	66 - 7
MC14465P	MOTA	66 - 8
MC14528AL	♦MOTA	72 -107
MC14528CP	♦MOTA	72 -108
MC14536AL	MOTA	71 - 9
MC14536CL	MOTA	71 - 10
MC14536CP	MOTA	71 - 11
MC14541AL	MOTA	71 - 32
MC14541CL	MOTA	71 - 33
MC14541CP	MOTA	71 - 34
MC14573-1AL	♦MOTA	49 - 56
MC14573-1CL	♦MOTA	49 - 57
MC14573-1CP	♦MOTA	49 - 58
MC14573AL	♦MOTA	49 - 62
MC14574-1AL	♦MOTA	87 - 49
MC14574-1CL	♦MOTA	87 - 50
MC14574-1CP	♦MOTA	87 - 51
MC14574AL	♦MOTA	87 - 52
MC14575-1AL	♦MOTA	49 - 59
		87 -100
MC14575-1CL	♦MOTA	49 - 60
		87 -101
MC14575-1CP	♦MOTA	49 - 61
		87 -102
MC14575AL	♦MOTA	49 - 63
		87 -103
MC34003AG	MOTA	45 - 71
MC34003AP	MOTA	45 - 72
MC34003AU	MOTA	45 - 73
MC34003BG	MOTA	46 - 6
MC34003BP	MOTA	46 - 7
MC34003BU	MOTA	46 - 8
MC34003G	MOTA	46 - 9
MC34003P	MOTA	46 - 10
MC34003U	MOTA	46 - 11
MC34004AL	♦MOTA	49 - 70
MC34004AP	♦MOTA	49 - 71
MC34022AG	♦MOTA	45 - 58
MC34022AP	♦MOTA	45 - 59
MC34022AU	♦MOTA	45 - 60
MC34022BG	♦MOTA	45 - 97
MC34022BP	♦MOTA	45 - 98
MC34022BU	♦MOTA	45 - 99
MC34022G	♦MOTA	45 -100
MC34022P	♦MOTA	45 -101
MC34022U	♦MOTA	45 -102
MC34061AP1	♦MOTA	62 - 78
MC34061AU	♦MOTA	62 - 79
MC34061P1	♦MOTA	62 - 80
MC34061U	♦MOTA	62 - 81
MC35003AG	MOTA	46 - 72
MC35003AU	MOTA	46 - 73
MC35003BG	MOTA	46 - 74
MC35003BU	MOTA	46 - 75
MC35004AL	♦MOTA	49 - 82
MC35022AG	♦MOTA	46 - 56
MC35022AU	♦MOTA	46 - 57
MC35022BG	♦MOTA	46 - 58
MC35022BU	♦MOTA	46 - 59
MC35061AU	♦MOTA	62 - 82
MC35061U	♦MOTA	62 - 83
MC145431L	♦MOTA	68 - 11
MC145431P	♦MOTA	68 - 12
MC145433P	♦MOTA	68 - 13
MC145434L	♦MOTA	68 - 14
MC145434P	♦MOTA	68 - 15
MCB1709F	♦MOTA	41 - 45
MCB1710F	♦MOTA	84 - 29
MCB1723F	♦MOTA	60 - 78
MCB1741F	♦MOTA	42 - 4

♦-Mfr's data sheet available in microfilm service

Cur-In current D.A.T.A.BOOK Obs-In this book

Δ-Registered with JEDEC by this manufacturer

TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line	TYPE No.	MFRS	Pg&Line
MCB1748F	♦MOTA	37 - 75	MHM2014	SOD	76 - 30	MK5380J	♦MOS	69 - 15	MT100M	♦TADI	57 - 27	N8T20B	MULB	72 - 75
MCBC1709	♦MOTA	41 - 46	MHM2015	♦SOD	76 - 61	MK5380P	♦MOS	69 - 16	MT101	♦TADI	41 - 51	PHIN	SIC	
MCBC1710	♦MOTA	84 - 30	MHM2016	♦SOD	76 -107	MK5389J	MOS	69 - 17	MT101-883	♦TADI	41 - 52	N53A1A	SIC	47 - 64
MCBC1723	♦MOTA	60 - 79	MHM2017	SOD	76 -100	MK5389P	MOS	69 - 18	MT101A	♦TADI	33 - 86	N53A1T	SIC	47 - 65
MCBC1741	♦MOTA	42 - 5	MHM2101	♦SOD	76 -101	MK5912-3P	♦MOS	68 - 18	MT102	♦TADI	16 - 53	N53A1V	SIC	47 - 66
MCBC1748	♦MOTA	37 - 76	MHM2111	SOD	76 -102	MK5912J3	♦MOS	69 - 74	MT102-883	♦TADI	16 - 54	N5201G	SIC	43 - 63
MCC100	CHE	none	MHM2112	♦SOD	76 -105	ML78L18	MEHK	57 - 53	MT102B	PLSB	79 -101	N5308G	SIC	29 - 51
Repl.by CS-100	Cur.		MHM2113	♦SOD	76 -108	ML78L18A	MEHK	57 - 54	MT103-2.4	♦TADI	88 - 43	N5709G	♦SIC	43 - 3
MCC140	CHE	none	MHM2114	SOD	76 -103	ML101A	♦PLSB	75 - 70	MT103-2.7	♦TADI	88 - 44	NC0002	♦GIC	16 - 74
Repl.by CS-140	Cur.		MHM2115	♦SOD	76 -106	ML101B	♦PLSB	75 - 71	MT103-3.0	♦TADI	88 - 45	NC0002C	♦GIC	16 - 73
MCC555A	CHE	none	MHM2116	♦SOD	76 -109	ML102A	♦PLSB	75 - 72	MT103-3.3	♦TADI	88 - 46	NC16	GIC	72 - 46
Repl.by CS555A	Cur.		MHM2117	SOD	76 -104	ML102B	♦PLSB	75 - 73	MT103-3.6	♦TADI	88 - 47	NC0032	GIC	31 - 80
MCC555B	CHE	none	MHM2201	♦SOD	76 - 62	ML153A	♦PLSB	75 - 74	MT103-3.9	♦TADI	88 - 48	NC0032-883B	GIC	30 - 2
Repl.by CS555B	Cur.		MHM2211	SOD	76 - 31	ML153B	♦PLSB	75 - 75	MT103-4.3	♦TADI	88 - 49	NC0032C	GIC	29 - 95
MCC1436	♦MOTA	31 - 18	MHM2212	♦SOD	76 - 63	ML154A	♦PLSB	75 - 80	MT103-4.7	♦TADI	88 - 50	NC109T	♦GIC	60 - 8
MCC1439	♦MOTA	40 - 79	MHM2213	♦SOD	76 - 73	ML154B	♦PLSB	75 - 81	MT103-5.1	♦TADI	88 - 51	NC210A	GIC	23 - 68
MCC1463	♦MOTA	60 - 96	MHM2214	SOD	76 - 32	ML157A	♦PLSB	75 - 82	MT103-5.6	♦TADI	88 - 52	NC210B	GIC	23 - 69
MCC1469	♦MOTA	61 - 6	MHM2215	♦SOD	76 - 64	ML157B	♦PLSB	75 - 83	MT104	♦TADI	58 - 12	NC260	♦GIC	16 - 60
MCC1495	♦MOTA	20 - 16	MHM2216	♦SOD	76 - 74	ML8204	MITC	70 - 67	MT104-883	♦TADI	62 - 29	NC320	♦NIT	70 - 28
MCC1536	♦MOTA	30 - 1	MHM2217	SOD	76 - 33	ML8205	MITC	70 - 66	MT105-883	♦TADI	55 - 70	NC321	♦NIT	70 - 31
MCC1539	♦MOTA	38 - 3	MHW1134	MOTA	90 - 32	MLM101AG	♦MOTA	33 - 79	MT105F	♦TADI	61 -105	NC322	♦NIT	70 - 29
MCC1558	♦MOTA	38 - 41	MHW2122	♦MOTA	90 - 42	MLM101AU	♦MOTA	33 - 80	MT105M	♦TADI	61 -106	NC501	♦GIC	56 - 29
MCC1563	♦MOTA	61 - 85	MHW2162	♦MOTA	90 - 43	MLM107G	♦MOTA	33 - 81	MT106	♦TADI	85 - 29	NC503	♦GIC	56 - 30
MCC1569	♦MOTA	61 - 86	MHW2332	♦MOTA	90 - 44	MLM108AF	♦MOTA	45 - 38	MT106-883	♦TADI	85 - 8	NC511	♦GIC	60 - 25
MCC1595	♦MOTA	20 - 17	MHW3171	♦MOTA	90 - 45	MLM108AG	♦MOTA	45 - 39	MT107	♦TADI	33 - 87	NC512	♦GIC	62 - 15
MCC1709	♦MOTA	37 - 77	MHW3172	♦MOTA	90 - 46	MLM108AL	♦MOTA	45 - 40	MT107-883	♦TADI	33 - 88	NC513	♦GIC	60 - 26
MCC1709C	♦MOTA	41 - 91	MHW3181	♦MOTA	90 - 47	MLM108AU	♦MOTA	45 - 41	MT109	♦TADI	53 - 69	NC514	♦GIC	62 - 16
MCC1710	♦MOTA	84 - 31	MHW3182	♦MOTA	90 - 48	MLM108F	♦MOTA	45 - 46	MT110	♦TADI	16 - 68	NC520	♦GIC	59 - 62
MCC1710C	♦MOTA	84 - 42	MHW3222	♦MOTA	90 - 49	MLM108G	♦MOTA	45 - 47	MT111	♦TADI	83 - 69	NC521	♦GIC	59 - 99
MCC1711	♦MOTA	86 - 58	MHW3342	♦MOTA	90 - 50	MLM108L	♦MOTA	45 - 48	MT170	♦TADI	65 - 44	NC523	GIC	59 -100
MCC1711C	♦MOTA	86 - 60	MHW5181	♦MOTA	90 - 56	MLM108U	♦MOTA	45 - 49	MT171	♦TADI	65 - 1	NC530	♦GIC	58 - 43
MCC1723	♦MOTA	60 -102	MHW5182	♦MOTA	90 - 57	MLM109G	♦MOTA	53 - 32	MT200F	TADI	57 - 28	NC531	♦GIC	60 - 63
MCC1723C	♦MOTA	60 -103	MI42070-055	MPI	53 -103	MLM110G	♦MOTA	16 - 65	MT200M	TADI	57 - 29	NC562	♦GIC	60 - 34
MCC1741	♦MOTA	37 - 78	MI42070-065	MPI	54 - 88	MLM111F	♦MOTA	83 - 65	MT201	TADI	42 -110	NC562B	♦GIC	60 - 35
MCC1741C	♦MOTA	37 - 90	MI42070-085	MPI	55 - 40	MLM111L	♦MOTA	83 - 66	MT201A	♦TADI	33 - 89	NC572	♦GIC	56 -102
MCC1748	♦MOTA	37 - 79	MI42070-095	MPI	55 - 68	MLM124L	♦MOTA	49 -106	MT202	TADI	16 - 55	NC573	GIC	56 - 99
MCC1748C	♦MOTA	37 - 91	MI42070-105	MPI	55 -101	MLM139L	MOTA	87 - 55	MT204	TADI	58 - 13	NC581	♦GIC	57 - 1
MCCF1709	♦MOTA	37 - 80	MI42070-125	MPI	56 - 61	MLM158G	♦MOTA	49 -107	MT205F	TADI	61 -107	NC583	♦GIC	57 - 2
MCCF1709C	♦MOTA	41 - 92	MI42070-145	MPI	56 - 65	MLM158U	♦MOTA	49 -108	MT205M	TADI	61 -108	NC2030	♦NIT	69 - 6
MCCF1741	♦MOTA	37 - 81	MI42070-155	MPI	57 - 25	MLM201AG	♦MOTA	33 - 82	MT206	TADI	84 - 89	NC2320R	♦NIT	70 - 20
MCCF1741C	♦MOTA	37 - 92	MI42070-165	MPI	57 - 48	MLM201AP1	♦MOTA	33 - 83	MT207	TADI	47 - 57	NC2320V	♦NIT	70 - 16
MCCF3303	♦MOTA	50 - 50	MI42070-185	MPI	57 -108	MLM201AU	♦MOTA	33 - 84	MT209	♦TADI	53 - 70	NC2321R	♦NIT	70 - 21
MCCF3403	♦MOTA	50 - 55	MI42070-204	MPI	58 - 39	MLM207G	♦MOTA	33 - 85	MT210	♦TADI	16 - 69	NC2321V	♦NIT	70 - 17
MCCF3503	♦MOTA	50 - 38	MI42070-224	MPI	58 - 42	MLM208AF	♦MOTA	45 - 42	MT211	♦TADI	83 - 70	NC2322R	♦NIT	70 - 22
MCE7042	♦MOTA	37 -100	MI42070-244	MPI	59 - 6	MLM208AG	♦MOTA	45 - 43	MT270	♦TADI	65 - 45	NC2322V	♦NIT	70 - 18
MCE7042A	♦MOTA	36 - 57	MI42070-263	MPI	59 - 9	MLM208AL	♦MOTA	45 - 44	MT271	♦TADI	65 - 2	NC2331	NIT	68 - 70
MCH1439G	♦MOTA	40 - 76	MI42070-283	MPI	59 - 16	MLM208AU	♦MOTA	45 - 45	MT301A	♦TADI	36 - 79	NC2332	NIT	68 - 71
MCH1539G	♦MOTA	37 -106	MI42070-303	MPI	59 - 18	MLM208F	♦MOTA	45 - 50	MT302	♦TADI	16 - 56	NDF9401	NSC	78 -107
MCH2870CR	♦MOTA	40 - 63	MI42070-322	MPI	59 - 21	MLM208G	♦MOTA	45 - 51	MT304	♦TADI	56 - 72	NDF9402	NSC	78 -108
MCH2870MR	♦MOTA	42 - 76	MI42070-342	MPI	59 - 22	MLM208L	♦MOTA	45 - 52	MT305	♦TADI	60 - 80	NDF9403	NSC	78 -109
MCLTC6010	MOTA	88 - 38	MIC709-1	♦ITTG	42 - 6	MLM208U	♦MOTA	45 - 53	MT306	♦TADI	85 - 30	NDF9404	NSC	78 -110
MCLTC6025	MOTA	88 - 39	MIC709-5	♦ITTG	42 -109	MLM209G	♦MOTA	53 - 33	MT307	♦TADI	36 - 80	NDF9405	NSC	79 - 1
MCLTC6050	MOTA	88 - 40	MIC709AC	♦ITTG	35 - 45	MLM209K	♦MOTA	53 - 67	MT370	♦TADI	65 - 35	NE160G	♦SIC	71 - 87
MCLTC6100	MOTA	88 - 41	MIC709AD	♦ITTG	35 - 46	MLM210G	♦MOTA	16 - 66	MT371	♦TADI	65 - 3	NE160K	♦SIC	71 - 88
MD68SC40AC	♦MITJ	71 - 35	MIC710-1B	♦ITTG	85 - 43	MLM211F	♦MOTA	83 - 67	MT703	TADI	65 - 5	NE161A	♦SIC	71 - 89
MD68SC40AE	♦MITJ	71 - 36	MIC710-1C	♦ITTG	85 - 44	MLM211L	♦MOTA	83 - 68	MT703C	TADI	65 - 6		♦SPR	
MD981F	♦MOTA	82 - 2	MIC710-5B	♦ITTG	84 -106	MLM224L	♦MOTA	50 - 51	MT703E	TADI	65 - 4	NE161J	♦SIC	71 - 90
MD984F	MOTA	81 -109	MIC710-5C	♦ITTG	84 -107	MLM224P	♦MOTA	50 - 52	MT709	TADI	41 - 53		♦SPR	
MD1123F	MOTA	81 -110	MIC711-1B	ITTG	87 - 8	MLM239L	MOTA	87 - 60	MT709C	♦TADI	43 - 1	NE161K	♦SIC	71 - 91
MD1124F	MOTA	80 - 69	MIC711-1C	ITTG	87 - 9	MLM239P	MOTA	87 - 61	MT709CN	♦TADI	43 - 2	NE162A	♦SPR	71 - 92
MD1125F	MOTA	80 - 70	MIC711-5B	ITTG	87 - 25	MLM258G	♦MOTA	50 - 43	MT710	TADI	85 - 31	NE162J	SIC	71 - 93
MD1131F	♦MOTA	81 - 88	MIC711-5C	ITTG	87 - 26	MLM258P1	♦MOTA	50 - 44	MT710A	♦TADI	85 - 32		♦SPR	
MD1133	♦MOTA	78 - 92	MIC712-1B	♦ITTG	44 - 24	MLM258U	♦MOTA	50 - 45	MT710C	♦TADI	84 - 90	NE510A△	LSI	64 - 23
MD1133F	MOTA	78 - 93	MIC712-1C	♦ITTG	44 - 25	MLM308AF	♦MOTA	46 - 21	MT711	TADI	86 - 71	NE510J	SIC	64 - 24
MD3133	♦MOTA	75 -100	MIC712-1D	♦ITTG	44 - 26	MLM308AG	♦MOTA	46 - 22	MT711C	♦TADI	86 - 72	NE511R	SIC	17 - 8
MD3133F	MOTA	75 -101	MIC712-5B	♦ITTG	44 - 55	MLM308AL	♦MOTA	46 - 23	MT723	♦TADI	61 - 12			64 - 98
MD3134	♦MOTA	75 -102	MIC712-5C	♦ITTG	44 - 56	MLM308AU	♦MOTA	46 - 24	MT723C	♦TADI	61 - 13	NE515G	♦SIC	17 - 62
MD3134F	MOTA	75 -103	MIC712-5D	♦ITTG	44 - 57	MLM308F	♦MOTA	46 - 25	MT741	♦TADI	41 - 54	NE516A	♦SIC	44 - 3
ME501☒	♦MEHK	79 - 81	MIC723-1	♦ITTG	61 - 53	MLM308G	♦MOTA	46 - 26	MT741C	♦TADI	39 - 73	NE516G	♦SIC	44 - 4
ME502	AME	78 - 94	MIC723-1C	♦ITTG	60 - 70	MLM308L	♦MOTA	46 - 27	MT4320AD	MITC	69 -107	NE516K	♦SIC	44 - 5
	♦MEHK		MIC723-5	♦ITTG	61 - 54	MLM308P1	♦MOTA	46 - 28	MT4320AE	MITC	70 - 13	NE517A	SIC	44 - 6
ME504	PHIC	78 - 95	MIC723-5C	♦ITTG	60 - 90	MLM308U	♦MOTA	46 - 29	MT4322AC	♦MITC	70 - 57	NE517Q	SIC	44 - 7
MEM550△	INL	80 - 71	MIC726-1	♦ITTG	81 - 45	MLM309G	♦MOTA	53 - 34	MT4322AE	MITC	70 - 14	NE518A	♦SIC	85 - 57
MEM551	♦GIC	80 - 72	MIC726-5	♦ITTG	81 - 46	MLM309K	♦MOTA	53 - 68	MT4323AC	♦MITC	70 - 58	NE518G△	♦SPR	84 - 56
	INL		MIC730-1C	ITTG	18 - 2	MLM310G	♦MOTA	16 - 67	MT4323AE	MITC	70 - 15	NE518G%	♦SIC	85 - 58
MEM551C	♦GIC	80 - 73	MIC730-5C	ITTG	18 - 5	MLM311F	♦MOTA	83 -101	MT4325AD	MITC	70 - 37	NE518K△	SPR	84 - 57
	INL		MIC741-1C	♦ITTG	41 - 47	MLM311L	♦MOTA	83 -102	MT4325AE	MITC	70 - 35	NE518K%	♦SIC	85 - 59
MEM954	♦GIC	80 - 74	MIC741-1D	♦ITTG	41 - 48	MLM311P1	♦MOTA	83 -103	MT4326AC	♦MITC	70 - 59	NE526G	♦SIC	84 - 67
MEM954A	♦GIC	80 - 75	MIC741-5C	♦ITTG	39 - 71	MLM324L	♦MOTA	50 - 53	MT4326AD	MITC	70 - 38	NE530A	♦SIC	40 - 57
MEM954B	♦GIC	80 - 76	MIC741-5D	♦ITTG	39 - 72	MLM324P	♦MOTA	50 - 54	MT4326AE	MITC	70 - 36	NE530G	SIC	40 - 58
MEM955	♦GIC	80 - 77	MIC951	♦ITTG	71 - 86	MLM339L	MOTA	87 - 62	MT4327AC	♦MITC	70 - 60	NE530T	SIC	35 - 29
MEM955A	♦GIC	80 - 78	MIVR42050-364		59 - 26	MLM339P	MOTA	87 - 63	MT5087AC	♦MITC	69 - 28	NE531	♦SELI	41 - 55
MEM955B	♦GIC	80 - 79		♦MPI		MLM358G	♦MOTA	50 - 46	MT5089AC	♦MITC	69 - 29	NE533T	♦SIC	29 - 87
MEM4962	GIC	66 - 9	MIVR42050-410		53 - 17	MLM358P1	♦MOTA	50 - 47	MT8804AC	none	68 - 91	NE535FE	RTCF	35 - 67
MEM4963	GIC	66 - 10		♦MPI		MLM358U	♦MOTA	50 - 48	MT8804AE	none	68 - 89		♦SIC	
MF409IP	♦ANS	68 - 16	MIVR42051-045		53 - 16	MLM2901P	MOTA	87 - 64	MT8820AC	♦MITC	69 - 35	NE535H	RTCF	35 - 68
MFC4010	♦MOTA	18 - 18		♦MPI		MLM2902P	♦MOTA	50 - 56	MT8820AD	♦MITC	69 - 36		♦SIC	
MFC4010A	♦MOTA	65 - 22	MIVR42051-363		59 - 25	MN210	♦MNC	60 - 38	MT8820AE	♦MITC	69 - 37	NE535V	VALG	35 - 59
MFC4010P	♦MOTA	18 - 19		♦MPI		MN211	♦MNC	60 - 39	MT8820AJ	♦MITC	69 - 38	NE536	♦SELI	25 - 75
MFC4060A	MOTA	61 - 64	MJ335	♦ANS	67 - 4	MN212	♦MNC	60 - 40	MT8820AN	♦MITC	69 - 39	NE537T	♦SIC	29 - 52
MFC4062A	MOTA	61 - 65	MK104CP	♦ANS	83 - 34	MPC900	♦MOTA	60 -101	MT8860AC	♦MITC	69 -103	NE550G	SIC	59 - 72
MFC4063A	MOTA	60 - 9	MK404IP	♦ANS	87 -104	MPC1000	♦MOTA	61 - 7	MT8860AD	MITC	69 -108	NE555	SELI	72 - 76
MFC4064A	MOTA	60 - 10	MK433	MOTA	77 - 21	MPQ1000N	♦MOTA	74 -106	MT8860AE	♦MITC	69 -102	NE567F	none	52 - 11
MFC6010	MOTA	65 - 21	MK5087J	♦MOS	70 - 61	MPQ1050	♦MOTA	74 -107	MT8860AY	MITC	69 -109	NE567N	none	52 - 12
MFC6030	MOTA	53 - 15	MK5087P	♦MOS	70 - 47	MPQ1500N	♦MOTA	75 - 90	MT8862AC	♦MITC	69 - 11	NE567T	none	52 - 13
MFC6030A	MOTA	61 - 66	MK5089J	♦MOS	70 - 48	MPQ4003	♦MOTA	74 -108	MT8862AE	♦MITC	69 - 9	NE592FH	♦MOTA	19 - 52
MFC6032A	MOTA	61 - 67	MK5089N-1	MOS	70 - 62	MPQ4004	♦MOTA	74 -109	MT8862AY	♦MITC	69 - 45	NE5533AJ	TII	49 - 14
MFC6033A	MOTA	60 - 11	MK5089P	♦MOS	70 - 49	MQ328	♦ANS	50 -107	MT8863AC	♦MITC	69 - 12	NE5533AP	TII	48 - 57
MFC6034A	MOTA	60 - 12	MK5091N	♦MOS	70 - 50	MR405IP	♦ANS	88 - 42	MT8863AE	♦MITC	69 - 10	NE5533J	TII	49 - 15
MFC8030	♦MOTA	16 - 99	MK5092N	♦MOS	70 - 51	MS101	♦MIS	41 - 49	MT8863AY	♦MITC	69 - 46	NE5533JG	TII	48 - 58
MFE3954	♦MOTA	78 - 96	MK5094N	♦MOS	69 - 14	MS166	MIS	75 - 76	MT8865AC	♦MITC	69 - 33	NE5533P	TII	48 - 59
MFE3954A	♦MOTA	78 - 97	MK5098N	MOS	69 -106	MS201	MIS	41 - 93	MT8865AD	MITC	68 - 21	NE5534AL	♦TII	43 - 73
MFE3955	♦MOTA	78 - 98	MK5099N	MOS	70 - 34	MS723	♦MIS	61 - 55	MT8865AE	♦MITC	69 - 30	NE5534L	♦TII	43 - 74
MFE3955A	♦MOTA	78 - 99	MK5116P	♦MOS	68 - 53	MS723C	♦MIS	61 - 56	MT8865AY	MITC	68 - 22	NE5562D	none	62 - 52
MFE3956	♦MOTA	78 -100	MK5150N	♦MOS	68 - 59	MS741	♦MIS	41 - 50	MT8912AC	♦MITC	68 - 20	NE5562F	none	62 - 53
MFE3957	♦MOTA	78 -101	MK5150P	♦MOS	68 - 60	MS741X	♦MIS	35 - 97	MTD2972	MEHK	75 - 40	NE5562N	none	62 - 54
MFE3958	♦MOTA	78 -102	MK5151N	MOS	68 - 61	MS747C	♦MIS	48 - 77	MTD2973	MEHK	75 - 41	NE8162A	SPR	71 - 94
MHM1001	♦SOD	76 - 26	MK5151P	♦MOS	68 - 54	MS4044	MIS	81 - 4	MTD2974	♦MEHK	78 -103	NE8162J	SPR	71 - 95
MHM1101	♦SOD	76 - 27	MK5155J	MOS	68 - 83	MSF741A	♦MIS	24 - 83	MTD2975	♦MEHK	78 -104	NF550	NSC	79 - 2
MHM1201	♦SOD	76 - 28	MK5155N	♦MOS	68 - 84	MSF741B	♦MIS	24 - 84	MTD2978	♦MEHK	78 -105	NH0001	♦NSC	none
MHM2001	♦SOD	75 - 39	MK5155P	MOS	68 - 85	MSF741LNA	♦MIS	24 - 85	MTD2979	♦MEHK	78 -106	Repl.by LH0001H	Obs.	
MHM2011	SOD	76 - 29	MK5156N	MOS	68 - 62	MSF741LNB	♦MIS	24 - 86	MW107	♦ANA	71 - 17	NH0003	♦NSC	none
MHM2012	♦SOD	76 - 60	MK5156P	♦MOS	68 - 63	MSN5558	♦MIS	48 - 6	MW197	♦ANA	71 - 18	Repl.by LH0003H	Cur.	
MHM2013	♦SOD	76 - 72	MK5170N	♦MOS	70 - 30	MT100F	♦TADI	57 - 26						

TYPE No.	MFRS	Pg&Line
NH0003C	♦NSC	none
Repl.by LH0003CH Cur.		
NH0004	♦NSC	none
Repl.by LH0004H Cur.		
NH0005C	♦NSC	none
Repl.by LH0005CH Cur.		
NKT450X2	NTLB	79 - 99
NS7000	♦NSC	81 - 22
NS7001	♦NAS	81 - 23
NS7070	♦NSC	79 - 3
NS7100	♦NSC	76 - 65
NS7200	♦NSC	80 - 80
NS7201	♦NSC	80 - 81
NS7300	♦NSC	79 - 4
NS7301	♦NSC	79 - 5
NS7302	♦NSC	79 - 6
NS7303	♦NSC	79 - 7
NS7304	♦NSC	79 - 8
NS7305	♦NSC	79 - 9
NS7560	NSC	34 - 99
NS7560A	NSC	30 - 56
O11001	TSC	72 - 77
O11004	TSC	72 - 78
O11008	TSC	72 - 79
O12001	TSC	71 - 96
O42001	TSC	71 - 97
OA101	♦QUM	24 - 81
OA103	♦QUM	24 -108
OA104	♦QUM	24 - 82
OA105	♦QUM	25 - 54
OA106	♦QUM	25 - 55
OA107	♦QUM	25 - 56
OA108	♦QUM	25 - 57
OA109	♦QUM	25 - 60
OA201	♦QUM	35 - 60
OA202	♦QUM	35 - 61
OA301A	♦QUM	33 - 26
OA302	♦QUM	33 - 27
OA303	QUM	26 - 95
OA304	♦QUM	33 - 28
OA305	♦QUM	33 - 29
OC740M	♦BRUB	80 - 82
OC740Q	♦BRUB	80 -109
OP01CY	♦PMI	36 - 8
OP01EJ	♦PMI	34 - 85
OP01EP	♦PMI	34 - 86
OP01EY	♦PMI	34 - 87
OP01FJ	♦PMI	34 - 88
OP01FL	PMI	34 - 89
OP01FY	♦PMI	34 - 90
OP01GL	PMI	36 - 9
OP01GY	♦PMI	36 - 10
OP01HY	♦PMI	31 - 81
OP01L	PMI	31 - 82
OP01Y	♦PMI	31 - 83
OP02AJ#	♦MPS	none
Repl.by MPS5502AJ Cur.		
OP02AP	♦MPS	none
Repl.by MPS5502AP Cur.		
OP02AY	♦PMI	32 - 2
OP02AY#	♦MPS	none
Repl.by MPS5502AY Cur.		
OP02BJ#	♦MPS	none
Repl.by MPS5502BJ Cur.		
OP02BP	♦MPS	none
Repl.by MPS5502BP Cur.		
OP02BY	♦PMI	35 -103
OP02BY#	♦MPS	none
Repl.by MPS5502BY Cur.		
OP02CJ#	♦MPS	none
Repl.by MPS5502CJ Cur.		
OP02CP#	♦MPS	none
Repl.by MPS5502CP Cur.		
OP02CY	♦PMI	34 - 59
OP02CY#	♦MPS	none
Repl.by MPS5502CY Cur.		
OP02DJ#	♦MPS	none
Repl.by MPS5502DJ Cur.		
OP02DP#	♦MPS	none
Repl.by MPS5502DP Cur.		
OP02DY	♦PMI	35 -104
OP02DY#	♦MPS	none
Repl.by MPS5502DY Cur.		
OP02EJ#	♦MPS	none
Repl.by MPS5502EJ Cur.		
OP02EP	♦MPS	none
	♦PMI	
Repl.by MPS5502EP Cur.		
OP02EY	♦PMI	31 - 72
OP02EY#	♦MPS	none
Repl.by MPS5502EY Cur.		
OP02J#	♦MPS	none
Repl.by MPS5502J Cur.		
OP02P	♦MPS	none
Repl.by MPS5502P Cur.		
OP02Y	♦PMI	34 - 60
OP02Y#	♦MPS	none
Repl.by MPS5502Y Cur.		
OP03AK	♦PMI	46 - 83
OP03AY	♦PMI	46 - 84
OP03BK	♦PMI	47 - 32
OP03BY	♦PMI	47 - 33
OP03CK	♦PMI	47 - 15
OP03CY	♦PMI	47 - 16
OP03DK	♦PMI	47 - 34
OP03DY	♦PMI	47 - 35
OP03EK	♦PMI	46 - 85
OP03EY	♦PMI	46 - 86
OP03G	PMI	46 - 91
OP03K	♦PMI	47 - 17
OP03N	PMI	46 - 55
OP03Y	♦PMI	47 - 18
OP05AL	♦PMI	27 - 96
OP05J8	none	27 - 76

TYPE No.	MFRS	Pg&Line
OP05L	♦PMI	28 - 62
OP06AY	♦PMI	32 - 6
OP06BY	♦PMI	32 - 34
OP06CY#mil	PMI	35 - 35
OP06EY	♦PMI	35 - 2
OP06FY	♦PMI	32 - 82
OP06GY	♦PMI	34 -105
OP07AL	♦PMI	27 - 94
OP07L	♦PMI	28 - 61
OP08BJ	♦PMI	27 - 78
OP08BZ	♦PMI	26 - 85
OP08FJ	♦PMI	28 - 56
OP08FP	♦PMI	26 - 99
OP08FZ	♦PMI	28 - 55
OP09CY	♦PMI	50 - 39
OP09GP	♦PMI	50 - 92
OP09GY	♦PMI	40 - 68
OP15CP	♦ANS	26 - 14
OP15FP	PMI	26 - 73
OP15GP	PMI	26 - 79
OP16CP	♦ANS	26 - 11
OP16FP	PMI	26 - 74
OP16GP	PMI	30 - 14
OP17CP	♦ANS	26 - 18
OP17FP	PMI	29 -103
OP17GP	PMI	30 - 50
OP18AJ	PMI	31 - 57
OP18AZ	PMI	31 - 58
OP18BJ	PMI	32 - 7
OP18BZ	PMI	32 - 8
OP18CJ	PMI	33 -105
OP18CZ	PMI	33 -106
OP18EJ	PMI	31 - 73
OP18EZ	PMI	31 - 74
OP18FJ	PMI	34 - 61
OP18FZ	PMI	34 - 62
OP18G	PMI	31 - 60
OP18GJ	PMI	35 -105
OP18GZ	PMI	35 -106
OP18N	PMI	30 - 60
OP19AZ	PMI	31 - 59
OP19BZ	PMI	32 - 9
OP19CZ	PMI	33 -107
OP19EJ#ai	PMI	34 - 48
OP19EZ#ai	PMI	34 - 49
OP19FJ#ai	PMI	34 - 63
OP19FZ#ai	PMI	34 - 64
OP19G	PMI	31 - 61
OP19GZ	PMI	33 -108
OP19N	PMI	30 - 61
OP215CP	♦ANS	45 - 30
OP220AY	♦PMI	46 - 35
OP220BY	♦PMI	46 - 37
OP220CY	♦PMI	46 - 52
OP220EY	♦PMI	46 - 36
OP220FY	♦PMI	46 - 38
OP220GY	♦PMI	46 - 53
OP220HY	♦PMI	46 - 54
OPA605HG∆	none	25 - 9
OS2	♦CLC	73 - 15
OS11-1	CAM	71 - 98
OS11-2	CAM	71 - 99
OS21	CLC	73 - 16
OS21-1	CAM	71 -100
OS942A	CEQ	73 - 24
PA6003	♦PHIB	77 - 22
PA6005	PHIB	77 - 23
PA6015C	PHIB	77 - 24
PA7600	PHIL	18 - 26
		65 - 26
PA7601	♦PHIL	65 - 51
PA7606	PHIL	18 - 9
PA7703-39	♦PHIL	64 - 92
PA7703-49	♦PHIL	65 - 23
PA7709-31	♦PHIL	42 - 7
PA7709-39	♦PHIL	43 - 60
PA7710-31	♦PHIL	85 - 45
PA7710-39	♦PHIL	84 -108
PA7711-31	♦PHIL	87 - 10
PA7711-39	♦PHIL	85 - 92
PA7712-31	♦PHIL	17 - 59
PA7713	PHIL	18 - 45
		64 - 85
PA7741-31	PHIL	37 - 82
PA7741-39	PHIL	40 - 59
PA7741C39	PHIL	37 - 93
PA7751-39	PHIL	23 - 99
PAM6003	♦PHIB	77 - 25
PB6003	♦PHIB	77 - 26
PB6005	PHIB	77 - 27
PB6015C	PHIB	80 - 10
PC16	GIC	72 - 47
PC18	GIC	72 - 48
PC200	♦GIC	39 - 18
PC200H	♦GIC	39 - 19
PC201	♦GIC	36 -108
PC201H	♦GIC	36 -107
PC210	♦GIC	39 - 26
PC210H	♦GIC	39 - 27
PC212	♦GIC	38 - 31
PC212H	♦GIC	38 - 32
PC250	♦GIC	44 -107
PC251	♦GIC	44 -108
PC260	♦GIC	16 - 61
PC501	♦GIC	60 - 21
PC502	♦GIC	62 - 17
PC503	♦GIC	60 - 22
PC504	♦GIC	62 - 18
PC511	♦GIC	60 - 27
PC511H	♦GIC	60 - 23
PC512	♦GIC	62 - 19
PC513	♦GIC	60 - 28
PC513H	♦GIC	60 - 24
PC514	♦GIC	62 - 20

TYPE No.	MFRS	Pg&Line
PC521	♦GIC	59 - 97
PC523	♦GIC	59 - 98
PD7741C39	PHIL	37 - 94
PD9951-51	PHIL	71 -101
PD9951-59	PHIL	71 -102
PH5203	♦PHIL	57 - 67
PL7600	PHIL	18 - 27
		65 - 27
PL7601	PHIL	64 - 81
PL7709-31	PHIL	42 - 8
PL7709-39	PHIL	43 - 61
PL7710-31	PHIL	85 - 46
PL7710-39	PHIL	84 -109
PL7711-31	PHIL	85 - 93
PL7711-39	PHIL	85 - 94
PL7712-31	PHIL	17 - 60
PL7712-39	PHIL	17 - 61
PL7713	PHIL	18 - 46
		64 - 86
PL7741-39	PHIL	40 - 60
PL7751-39	PHIL	23 -100
PL9951-51	PHIL	71 -103
PL9951-59	PHIL	71 -104
PM111J	PMI	83 - 71
PM111Y	PMI	83 - 72
PM111Z	PMI	83 - 73
PM211J	PMI	83 - 74
PM211Y	PMI	83 - 75
PM211Z	PMI	83 - 76
PM239AY	♦PMI	87 - 65
PM239Y	♦PMI	87 - 66
PM255J	♦PMI	28 - 18
PM255Z	♦PMI	25 - 77
PM256J	♦PMI	28 - 39
PM256Z	♦PMI	25 - 80
PM257J	♦PMI	28 - 54
PM257Z	♦PMI	25 - 84
PM311Z#ai	PMI	83 - 91
PM339Y	♦PMI	87 - 67
PM355AP	PMI	28 - 9
PM355J	♦PMI	28 - 80
PM355Z	♦PMI	25 -107
PM356AP	PMI	28 - 24
PM356J	♦PMI	28 - 95
PM356Z	♦PMI	26 - 9
PM357AP	PMI	28 - 45
PM357J	♦PMI	28 -101
PM357Z	♦PMI	26 - 16
PM725CY	♦PMI	36 - 36
PM725J	♦PMI	35 - 42
PM725Y	♦PMI	35 - 43
PM741CY	♦PMI	39 - 74
PM741CZ	♦PMI	39 - 75
PM741Y	♦PMI	41 - 56
PM741Z#mil	♦PMI	26 - 75
PM747CK	♦PMI	48 - 7
PM747K	♦PMI	48 - 78
PM1448Z	♦PMI	48 - 8
PM1458J	♦PMI	48 - 9
PM1558J	♦PMI	48 - 79
PM1558Z#mil	♦PMI	48 - 80
PM2208AQ	♦PMI	27 - 12
PM2208Q	♦PMI	27 - 49
PM2308AQ	♦PMI	29 - 1
PM2308Q	♦PMI	29 - 23
PM4136CY	♦PMI	50 - 79
PM4136GR	PMI	50 -102
PM4136Y	♦PMI	50 - 78
PM9951-59	PHIL	71 -105
PMC15K5	LAM	53 - 86
PMC15K6	LAM	54 - 77
PMC15K8	LAM	55 - 27
PMC15K10	LAM	55 - 98
PMC15K12	LAM	56 - 51
PMC15K15	LAM	57 - 16
PMC15K18	LAM	57 -100
PMC15K20	LAM	58 - 38
PMC15K24	LAM	58 -108
PMC15K28	LAM	59 - 14
PMC18K2	LAM	53 - 11
PMC18K5	LAM	53 - 85
PMC18K5.2	LAM	54 - 8
PMC18K6	LAM	54 - 76
PMC18K8	LAM	55 - 26
PMC18K10	LAM	55 - 97
PMC18K12	LAM	56 - 50
PMC18K15	LAM	57 - 15
PMC18K18	LAM	57 - 99
PMC18K20	LAM	58 - 37
PMC18K24	LAM	58 -107
PMC18K28	LAM	59 - 12
PPL1N	TPN	76 - 78
PPL1P	TPN	76 - 79
PTC752	TPN	64 - 25
PTC808	TPN	64 - 26
PTC1101	♦MAL	80 - 11
PTC1123	MAL	80 - 12
PTC1423	♦MAL	80 - 13
PTC1623	MAL	80 - 14
PTC1645	MAL	80 - 15
PTC1667	MAL	80 - 16
PTC1689	MAL	80 - 17
PTC1701	MAL	80 - 18
PTC1723	MAL	80 - 19
PTC1741	MAL	39 - 76
PTC1745	MAL	80 - 20
PTC1778	MAL	80 - 21
PTC1956	MAL	80 - 22
PTC1978	MAL	80 - 23
PTC9045	MAL	80 - 24
PWM25BK	♦SIX	62 - 36
PWM25CK	♦SIX	62 - 37
PWM27BK	♦SIX	62 - 38
PWM27CK	♦SIX	62 - 39

TYPE No.	MFRS	Pg&Line
Q25AH	♦TPN	25 - 99
Q82AH	TPN	39 - 40
Q85AH	♦TPN	36 - 31
QD100-71	QDC	80 - 83
QD100-78	QDC	80 - 84
QD101-71	QDC	80 - 85
QD101-78	QDC	80 - 86
QD102-71	QDC	80 - 87
QD102-78	QDC	80 - 88
QD103-71	QDC	80 - 89
QD103-78	QDC	80 - 90
QD104-71	QDC	80 - 91
QD104-78	QDC	80 - 92
QD400-71	QDC	80 - 93
QD400-78	QDC	80 - 94
QD401-71	QDC	80 - 95
QD401-78	QDC	80 - 96
QD402-71	QDC	80 - 97
QD402-78	QDC	80 - 98
QD403-71	QDC	80 - 99
QD403-78	QDC	80 -100
QD404-71	QDC	80 -101
QD404-78	QDC	80 -102
R675B-2	HBC	55 - 72
R675C-2	HBC	55 - 73
RA1	GESY	76 - 41
RA1A	GESY	76 - 42
RA1B	GESY	76 - 43
RA1C	GESY	76 - 44
RA2	GESY	76 - 45
RA2A	GESY	76 - 46
RA2B	GESY	76 - 47
RA3	GESY	76 - 66
RA3A	GESY	76 - 67
RA3B	GESY	76 - 68
RA238	♦HAS	38 - 52
RA240	♦HAS	38 - 51
RA338	HAS	43 -100
RA340	HAS	43 -101
RA909	♦HAS	37 - 21
RA909A	♦HAS	36 - 16
RA911	HAS	38 - 53
RA2500-1	HAS	37 - 42
RA2500-2	HAS	37 - 60
RA2500-5	HAS	37 - 61
RA2501-1	HAS	37 -107
RA2501-2	HAS	37 -108
RA2505-2	HAS	38 - 58
RA2505-5	HAS	38 - 59
RA2510-1	HAS	37 - 43
RA2510-2	HAS	37 - 63
RA2510-5	HAS	37 - 64
RA2511-1	HAS	37 -109
RA2511-2	HAS	37 -110
RA2515-2	HAS	38 - 66
RA2515-5	HAS	38 - 67
RA2520-1	HAS	37 - 44
RA2520-2	HAS	37 - 65
RA2520-5	HAS	37 - 66
RA2521-1	HAS	38 - 1
RA2521-2	HAS	38 - 2
RA2525-2	HAS	38 - 88
RA2525-5	HAS	38 - 89
RA2600-1	HAS	30 - 66
RA2600-2	HAS	30 - 97
RA2600-5	HAS	30 - 98
RA2601-1	HAS	32 - 56
RA2601-2	HAS	32 - 57
RA2605-2	HAS	31 - 52
RA2605-5	HAS	31 - 53
RA2620-5	HAS	30 -102
RA2625-5	HAS	31 - 54
RA2909	HAS	37 - 22
RA2909A	HAS	36 - 14
RA2911	HAS	38 - 54
RC101ABL	RTN	36 - 58
RC101ACD	RTN	45 - 12
RC101ACQ	RTN	45 - 13
RC101ACT	RTN	45 - 14
RC101AD	♦RTN	none
Repl.by LM301AD Obs.		
RC101ADN	♦RTN	none
Repl.by LM301AN Cur.		
RC101AQ	♦RTN	none
Repl.by LM301AF Obs.		
RC101AT	♦RTN	none
Repl.by LM301AH Cur.		
RC101CD	♦RTN	43 - 33
RC101CQ	♦RTN	43 - 34
RC101CT	♦RTN	43 - 35
RC101D	♦RTN	none
Repl.by LM301D Obs.		
RC101DN	♦RTN	none
Repl.by LM301N Obs.		
RC101Q	♦RTN	none
Repl.by LM301F Obs.		
RC101T	♦RTN	none
Repl.by LM301H Obs.		
RC102C	RTN	16 - 57
RC102T	RTN	16 - 38
RC104BL	♦RTN	60 - 45
RC104T	RTN	none
Repl.by LM304H Obs.		
RC105AT	♦RTN	none
Repl.by LM305AH Obs.		
RC105BL	RTN	60 - 81
RC105T	RTN	none
Repl.by LM305H Obs.		
RC106BL	RTN	84 - 34
RC106T	RTN	none
Repl.by LM306H Obs.		
RC108AD	RTN	none
Repl.by LM308AD Obs.		

TYPE No.	MFRS	Pg&Line
RC108AT	RTN	none
Repl.by LM308AH Obs.		
RC108D	RTN	none
Repl.by LM308D Obs.		
RC108Q	RTN	none
Repl.by LM308F Obs.		
RC108T	RTN	none
Repl.by LM308H Cur.		
RC109LK	RTN	none
Repl.by LM309K Obs.		
RC109T	RTN	none
Repl.by LM309H Obs.		
RC111D	RTN	none
Repl.by LM311D Cur.		
RC111Q	RTN	none
Repl.by LM311F Obs.		
RC111T	RTN	none
Repl.by LM311H Cur.		
RC288D	RTN	71 -106
RC288J	RTN	71 - 5
RC288P	RTN	71 -107
RC288Q	RTN	71 -108
RC288T	RTN	71 - 6
RC702AQ	RTN	44 - 43
RC702CQ	RTN	43 - 79
RC702CT	RTN	43 - 80
RC702DC	RTN	44 - 70
RC702DN	RTN	44 - 95
RC702DP	RTN	44 - 96
RC702Q	RTN	44 - 58
RC702T	RTN	44 - 97
RC709BL	RTN	43 - 4
RC709CD	RTN	36 - 81
RC709CQ	RTN	36 - 82
RC709CT	RTN	36 - 83
RC709DN	RTN	38 - 96
RC709DP	RTN	38 - 97
RC709NB	RTN	42 - 73
RC709Q	RTN	43 - 5
RC710BL	♦RTN	84 - 91
RC710DB	RTN	84 - 43
RC710DN	RTN	84 - 92
RC710DP	RTN	84 - 93
RC710Q	RTN	84 - 44
RC711BL	♦RTN	86 - 98
RC711CD	♦RTN	85 -107
RC711CQ	RTN	85 -108
RC711CT	RTN	85 -109
RC711DC	RTN	86 - 73
RC711DP	RTN	86 - 74
RC711Q	RTN	86 - 75
RC711T	RTN	86 - 76
RC733DB	♦RTN	19 - 7
RC733DC	♦RTN	19 - 8
RC733DP	♦RTN	19 - 9
RC733Q	♦RTN	19 - 10
RC733TF	♦RTN	18 - 31
RC741CD	RTN	35 - 69
RC741CQ	RTN	35 - 70
RC741CT	RTN	35 - 71
RC741DB	RTN	42 - 66
	SPR	
RC741Q	RTN	39 - 77
	SPR	
RC748D	♦RTN	39 - 78
RC748DE	♦RTN	39 - 79
RC748DP	♦RTN	39 - 80
RC748NB	RTN	39 - 81
RC748Q	RTN	39 - 82
RC748T	RTN	39 - 83
RC988D	♦RTN	71 -109
RC988J	♦RTN	71 -110
RC988T	♦RTN	72 - 1
RC1101ACD	RTN	45 - 15
RC1101ACQ	RTN	45 - 16
RC1101ACT	RTN	45 - 17
RC1414D	RTN	86 - 40
RC1414DP	RTN	86 - 41
RC1514D	♦RTN	86 - 42
RC1514DP	RTN	86 - 43
RC1556AD	♦RTN	31 - 44
RC1556ANB	♦RTN	31 - 45
RC1556AT	♦RTN	31 - 46
RC1556D	♦RTN	31 - 47
RC1556NB	RTN	31 - 48
RC1556T	RTN	31 - 49
RC3078DE	RTN	35 - 52
RC3301N	♦RTN	50 - 11
RC3403DB	♦RTN	50 - 69
RC3403DC	♦RTN	50 - 70
RC4101AD	RTN	49 - 24
RC4101AQ	RTN	47 - 58
RC4101AT	RTN	47 - 59
RC4101CD	♦RTN	43 - 21
RC4101CQ	♦RTN	43 - 22
RC4101CT	♦RTN	43 - 23
RC4101D	RTN	43 - 24
RC4101Q	RTN	43 - 25
RC4101T	RTN	43 - 26
RC4131CD	♦RTN	32 - 37
RC4131CQ	♦RTN	32 - 38
RC4131CT	♦RTN	32 - 39
RC4131D	RTN	35 - 62
RC4131Q	RTN	35 - 63
RC4132BL	RTN	30 - 24
RC4132D	RTN	30 -103
RC4132DE	RTN	30 - 25
RC4132Q	RTN	30 -104
RC4136D	FSC	50 - 89
	♦RTN	
RC4136DP	FSC	50 - 90
	♦RTN	
RC4137DP	RTN	50 - 75
RC4156ADB	RTN	51 - 35

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TYPE No.	MFRS	Pg&Line
RC4156ADC	RTN	51 - 36
RC4443C	♦RTN	86 - 48
RC4443CD	RTN	85 -110
RC4443CJ	RTN	86 - 1
RC4443D	RTN	86 - 44
RC4443J	RTN	86 - 45
RC4444PU	none	68 - 96
RC4444R	none	68 - 97
RC4531DC	♦RTN	42 - 93
RC4558L	♦TII	48 - 42
RC4709C	♦RTN	37 - 41
RC4709D	RTN	43 - 6
RC4709DP	RTN	41 - 57
RC4709J	RTN	43 - 7
RC4709T	RTN	43 - 8
RC4741C	RTN	35 - 72
RC4741D	♦RTN	39 - 84
RC4741J	RTN	39 - 85
REF01DJ	♦PMI	88 - 53
REF01DP	♦PMI	88 - 54
REF01DZ	♦PMI	88 - 55
REF01GR	PMI	88 - 56
REF02GR	PMI	88 - 57
REF81EJ	PMI	89 - 11
REF81HJ	PMI	89 - 12
REF82EJ	PMI	89 - 13
REF82HJ	PMI	89 - 14
RLM148DC	♦RTN	50 - 14
RLM248DC	♦RTN	50 - 49
RLM348DB	♦RTN	50 - 27
RLM348DC	♦RTN	50 - 28
RM101ABL	RTN	33 - 90
RM101AD	♦RTN	none
Repl.by LM101AD Obs.		
RM101AQ	♦RTN	none
Repl.by LM101AF Cur.		
RM101AT	♦RTN	none
Repl.by LM101AH Cur.		
RM101CD	RTN	43 - 36
RM101CF	RTN	43 - 37
RM101CT	RTN	43 - 38
RM101D	RTN	none
Repl.by LM101D Obs.		
RM101F	RTN	43 - 77
RM101Q	RTN	none
Repl.by LM101F Obs.		
RM101T	RTN	none
Repl.by LM101H Obs.		
RM102T	RTN	16 - 58
RM104BL	♦RTN	61 - 81
RM104Q	RTN	none
Repl.by LM104F Obs.		
RM104T	RTN	none
Repl.by LM104H Obs.		
RM105BL	RTN	61 -109
RM105Q	♦RTN	none
Repl.by LM105F Obs.		
RM105T	♦RTN	none
Repl.by LM105H Obs.		
RM106BL	RTN	84 - 28
RM106Q	RTN	none
Repl.by LM106F Obs.		
RM106T	RTN	none
Repl.by LM106H Obs.		
RM108AD	RTN	none
Repl.by LM108AD Obs.		
RM108AQ	RTN	none
Repl.by LM108AF Obs.		
RM108AT	RTN	none
Repl.by LM108AH Obs.		
RM108D	RTN	none
Repl.by LM108D Cur.		
RM108Q	RTN	none
Repl.by LM108F Obs.		
RM108T	RTN	none
Repl.by LM108H Cur.		
RM109LK	RTN	none
Repl.by LM109K Obs.		
RM109T	RTN	none
Repl.by LM109H Obs.		
RM111D	RTN	none
Repl.by LM111D Cur.		
RM111Q	RTN	none
Repl.by LM111F Obs.		
RM111T	RTN	none
Repl.by LM111H Cur.		
RM116T	♦RTN	25 - 91
RM288D	♦RTN	72 - 2
RM288J	♦RTN	72 - 3
RM288P	♦RTN	72 - 4
RM288Q	♦RTN	72 - 5
RM288T	♦RTN	72 - 6
RM555DE	RTN	72 - 80
RM555T	RTN	72 - 81
RM556DC	RTN	73 - 19
RM702AD	♦RTN	44 - 27
RM702AQ	♦RTN	44 - 28
RM702AT	♦RTN	44 - 29
RM702DC	♦RTN	44 - 99
RM702F	♦RTN	44 - 98
RM702Q	♦RTN	44 - 50
RM702T	♦RTN	44 - 51
RM703	♦RTN	64 - 70
RM709	♦RTN	42 - 9
RM709ABL	♦RTN	35 -107
RM709ADC	♦RTN	39 - 20
RM709AQ	♦RTN	39 - 21
RM709AT	♦RTN	39 - 22
RM709BD	RTN	43 - 9
RM709BL	RTN	40 - 88
RM709BQ	RTN	43 - 10
RM709BT	RTN	43 - 11
RM709CQ	RTN	44 -110
RM709Q	RTN	40 - 89

TYPE No.	MFRS	Pg&Line
RM710ABL	♦RTN	84 - 51
RM710ADC	♦RTN	84 - 52
RM710AQ	♦RTN	84 - 53
RM710AT	♦RTN	84 - 54
RM710BD	♦RTN	84 - 94
RM710BL	♦RTN	85 - 33
RM710BQ	♦RTN	84 - 95
RM710BT	♦RTN	84 - 96
RM710CD	♦RTN	83 - 9
RM710CQ	♦RTN	83 - 10
RM710CT	♦RTN	83 - 11
RM710Q	♦RTN	85 - 34
RM711	♦RTN	87 - 11
RM711AD	RTN	86 - 36
RM711AQ	RTN	86 - 37
RM711AT	RTN	86 - 38
RM711BD	♦RTN	86 - 77
RM711BL	♦RTN	85 - 81
RM711BQ	♦RTN	86 - 78
RM711BT	♦RTN	86 - 79
RM711DC	RTN	86 - 80
RM711Q	RTN	86 - 81
RM711T	RTN	86 - 82
RM733CQ	♦RTN	19 - 11
RM733DC	♦RTN	19 - 12
RM733Q	♦RTN	19 - 13
RM733T	♦RTN	19 - 14
RM733TF	♦RTN	18 - 32
RM741CQ	RTN	41 - 58
RM741Q	RTN	41 - 59
	SPR	
RM748D	♦RTN	39 - 86
RM748DE	♦RTN	39 - 87
RM748Q	♦RTN	39 - 88
RM748T	♦RTN	39 - 89
RM988D	♦RTN	72 - 7
RM988J	♦RTN	72 - 8
RM988T	♦RTN	72 - 9
RM1101AD	RTN	46 - 49
RM1101AQ	RTN	46 - 50
RM1101AT	RTN	46 - 51
RM1414D	♦RTN	86 - 46
RM1514DC	♦RTN	86 - 52
RM1514DP	♦RTN	86 - 53
RM1556AD	♦RTN	30 - 90
RM1556ADN	♦RTN	30 - 91
RM1556AT	♦RTN	30 - 92
RM1556D	♦RTN	30 - 93
RM1556DN	♦RTN	30 - 94
RM1556T	♦RTN	30 - 95
RM3001	♦RTN	75 - 42
RM3002	♦RTN	75 - 43
RM3010	RTN	75 - 44
RM3078ADE	RTN	31 - 67
RM3503DC	♦RTN	50 - 59
RM4101AD	♦RTN	46 -108
RM4101AQ	♦RTN	46 -109
RM4101AT	♦RTN	46 -110
RM4101CD	♦RTN	43 - 27
RM4101CF	♦RTN	43 - 28
RM4101CT	♦RTN	43 - 29
RM4101D	♦RTN	42 - 87
RM4101F	RTN	43 - 75
RM4101Q	RTN	42 - 88
RM4101T	RTN	42 - 89
RM4131D	♦RTN	33 - 91
RM4131Q	♦RTN	33 - 92
RM4132BL	RTN	29 - 36
RM4132D	RTN	29 -104
RM4132Q	RTN	29 -105
RM4136D	FSC	50 - 40
	♦RTN	
RM4136DP	♦RTN	50 - 41
RM4137DP	RTN	50 - 32
RM4156ADC	RTN	50 - 19
RM4195DN	RTN	56 - 86
RM4441D	RTN	83 - 6
RM4441J	♦RTN	83 - 7
RM4443	♦RTN	86 - 47
RM4443D	♦RTN	86 - 54
RM4443J	♦RTN	86 - 55
RM4531D	♦RTN	41 -100
RM4531DN	♦RTN	41 - 60
RM4558DN	♦RTN	26 - 76
RM4558L	♦TII	49 - 7
RM4709	♦RTN	35 - 64
RM4709A	♦RTN	44 -109
RM4709AD	♦RTN	39 - 1
RM4709AJ	♦RTN	39 - 2
RM4709AT	♦RTN	39 - 3
RM4709C	♦RTN	43 - 43
RM4709D	RTN	41 - 61
RM4709J	RTN	39 - 4
RM4709T	RTN	39 - 5
RM4741D	♦RTN	41 - 62
RM4741J	♦RTN	41 - 63
RPT81FQ	PMI	62 - 40
RT3501	♦RTN	80 -103
RV555DE	RTN	72 - 82
RV556DB	RTN	73 - 20
RV3301DB	♦RTN	49 - 91
RV3403ADC	♦RTN	50 - 97
RV4151T	RTN	52 - 39
RV4558DE	RTN	40 - 69
S8T20B	MULB	72 - 83
PHIN	SIC	
S51A1A	SIC	47 - 1
S51A1T	SIC	47 - 2
S51A1V	SIC	64 - 27
S52	♦TPN	23 - 58
S120A3	♦SIEG	69 - 7
S121B	SIEG	69 - 8
S175A	SIEG	67 - 8
S291	SIEG	68 - 64

TYPE No.	MFRS	Pg&Line
S291A	SIEG	68 - 58
S359	SIEG	69 - 34
S708	SOD	76 - 15
	USC	
S715	SOD	76 - 16
	USC	
S2560B	AMI	70 - 33
S2561CE	AMI	70 - 68
S2561E	AMI	70 - 69
S2816	AMI	69 - 93
S2859E	♦AMI	69 - 19
S3501E	♦AMI	68 - 72
S3502E	♦AMI	68 - 73
S3505	AMI	68 - 65
S3505A	AMI	68 - 66
S3505AC	AMI	68 - 47
S3505AD	AMI	68 - 48
S3505AP	AMI	68 - 49
S3505C	AMI	68 - 50
S3505D	AMI	68 - 51
S3505P	AMI	68 - 52
S5101AG	SIC	34 - 28
S5101G	SIC	42 - 67
S5108G	SIC	27 - 88
S5595F	♦SIC	20 - 15
S5709G	♦SIC	41 - 64
S5710G	♦SIC	85 - 47
S5723K	SIC	59 - 96
S5733G	SIC	19 - 15
S10111	AMI	20 - 52
S10377		20 - 53
S25089	♦AMI	69 - 20
SA20	♦SYL	19 - 47
SA21	♦SYL	19 - 35
SA50A	♦TPN	30 - 10
SA60A	♦TPN	30 - 6
SA102	TSC	76 - 17
SA107	TSC	76 - 18
SA5534A	none	42 - 86
SAA1028	♦RTCF	22 - 12
SAA5040A	none	70 - 73
SAA5040B	none	70 - 74
SAA5040C	none	70 - 75
SAA5043	none	70 - 76
SAD512	♦RET	20 - 54
SAD1024	♦RET	20 - 55
SAD4096	♦RET	20 - 56
SAJ205	♦SIEG	20 - 58
SAL1.11	RTCF	87 -109
SAS221S2	SIEG	66 - 37
SAS221S4	SIEG	66 - 38
SAS560	SIEG	67 - 16
SAS570	SIEG	67 - 17
SBA5091	♦ITTG	69 - 21
SC1600	PHIL	75 - 77
SC1601	PHIL	75 - 78
SC1625	PHIL	75 - 79
SCL4528AH	SSS	72 -109
SCL4528BH	SSS	73 - 5
SD3AM	STX	66 - 11
SD3AP	none	66 - 17
SD3M	STX	66 - 12
SD3P	STX	66 - 13
SD342BG	SSS	73 - 10
SD342BJ	SSS	73 - 11
SD342CG	SSS	73 - 12
SD342CJ	SSS	73 - 13
SD5010	MOTA	79 -102
	THEF	
SD5011	MOTA	79 -103
	THEF	
SD5012	MOTA	79 -104
	THEF	
SD5013	MOTA	79 -105
	THEF	
SD5014	THEF	79 -106
SD5015	THEF	79 -107
SD5050	THEF	79 -108
SD5051	THEF	79 -109
SE160G	♦SIC	72 - 10
SE160K	♦SIC	72 - 11
SE161J	♦SIC	72 - 12
	♦SPR	
SE161K	♦SIC	72 - 13
SE510J	♦SIC	65 - 8
SE511R	♦SIC	17 - 9
		64 - 99
SE515G	♦SIC	17 - 63
SE516G	♦SIC	43 - 58
SE516K	♦SIC	43 - 59
SE517Q	♦SIC	44 - 8
SE518A	SIC	85 - 54
SE518GΔ	♦SPR	84 - 58
SE518G%	♦SIC	85 - 55
SE518KΔ	♦SPR	84 - 59
SE518K%	♦SIC	85 - 56
SE526G	♦SIC	84 - 68
SE530A	♦SIC	42 - 68
SE530G	♦SIC	42 - 69
SE530T	♦SIC	34 - 91
SE533T	♦SIC	29 - 86
SE535FE	RTCF	35 - 53
	♦SIC	
SE535H	RTCF	35 - 54
	♦SIC	
SE535V	VALG	33 - 93
SE537T	♦SIC	27 - 89
SE550G	SIC	59 - 73
SE555	SELI	72 - 84
SE564I	none	52 - 6
SE565A	♦SIC	52 - 4
SE1606K	SIC	72 - 14
SE5534AL	TII	42 - 84
SE5534L	TII	42 - 85

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SE5562F	none	62 - 55
SE5562N	none	62 - 56
SE8162A	SPR	72 - 15
SE8162J	SPR	72 - 16
SF105J	none	59 - 45
SFC2001	♦THEF	69 - 69
SFC2100	THEF	none
Repl.by SFC2100M Cur.		
SFC2101M	THEF	35 - 3
SFC2102	THEF	16 - 59
SFC2106M	♦THEF	85 - 35
SFC2108AM	THEF	27 - 50
SFC2201	THEF	36 - 32
SFC2206	♦THEF	85 - 36
SFC2207PT	THEF	36 - 59
SFC2208PT	THEF	27 - 51
SFC2306	♦THEF	84 - 97
SFC2318C	THEF	39 - 11
SFC2430	♦THEF	44 - 9
SFC2430E	♦THEF	44 - 10
SFC2430F	THEF	44 - 76
SFC2430G	THEF	44 - 77
SFC2431	♦THEF	34 - 39
SFC2510	THEF	18 -102
SFC2510F	THEF	18 - 96
SFC2510G	THEF	18 - 97
SFC2510M	♦THEF	18 - 98
SFC2510P	THEF	18 -103
SFC2510PF	THEF	18 - 99
SFC2510PG	THEF	18 -100
SFC2510PM	THEF	18 -104
SFC2510PMF	THEF	18 -101
SFC2524EC	THEF	85 - 60
SFC2524KM	THEF	85 - 61
SFC2525	THEF	17 - 71
SFC2525EC	THEF	85 - 62
SFC2525F	THEF	17 - 90
SFC2525G	THEF	17 - 91
SFC2525KM	THEF	85 - 63
SFC2525M	THEF	17 - 72
SFC2528EC	THEF	85 - 64
SFC2528KM	THEF	85 - 65
SFC2529EC	THEF	85 - 66
SFC2529KM	THEF	85 - 67
SFC2530	♦THEF	43 - 99
SFC2530F	THEF	44 - 44
SFC2530G	THEF	44 - 45
SFC2531	♦THEF	30 - 37
SFC2531F	THEF	36 -100
SFC2531G	THEF	36 -101
SFC2709E	THEF	36 - 50
SFC2709P	THEF	36 - 51
SFC2709PC	THEF	43 - 12
SFC2709PT	THEF	39 - 34
SFC2710E	THEF	84 - 98
SFC2710PC	THEF	84 - 99
SFC2711E	THEF	86 - 99
SFC2711PC	THEF	86 -100
SFC2741PC	THEF	39 - 90
SFC2748PC	THEF	39 - 91
SFC2776PC	THEF	29 - 37
SFC2778C	THEF	29 - 38
SFC2778DC	THEF	29 - 39
SFC2778EC	THEF	29 - 40
SFC2778KM	THEF	29 - 32
SFC2778M	THEF	29 - 33
SFC2778PM	THEF	29 - 34
SFT918	THCI	79 - 10
	THEF	
SFT918A	THCI	79 - 11
	THEF	
SFT918B	THCI	79 - 12
	THEF	
SG100N	♦SGL	57 - 45
SG102Y	♦SGL	34 - 98
SG105N	♦SGL	62 - 7
SG108AJ	♦SGL	27 - 59
SG108J	♦SGL	27 - 68
SG110Y	♦SGL	29 - 68
SG111M	♦SGL	83 - 77
SG117HYK	none	59 - 43
SG118AT	SGL	27 - 13
SG118J	SGL	38 - 75
SG118T	SGL	38 - 76
SG137P	♦SGL	59 - 93
SG139AJ	♦SGL	87 - 72
SG139AN	♦SGL	87 - 73
SG139BJ	♦SGL	87 - 56
SG139J	♦SGL	87 - 74
SG139N	♦SGL	87 - 75
SG200J	♦SGL	57 - 33
SG200M	♦SGL	57 - 34
SG200N	♦SGL	57 - 35
SG200T	♦SGL	57 - 36
SG200Y	♦SGL	57 - 37
SG202Y	♦SGL	31 -102
SG208AF	♦SGL	45 - 56
SG208AJ	♦SGL	27 - 60
SG208F	♦SGL	45 - 57
SG208J	♦SGL	27 - 69
SG208M	♦SGL	27 - 70
SG210Y	♦SGL	29 - 69
SG211M	♦SGL	83 - 78
SG218AT	SGL	27 - 14
SG218J	SGL	38 - 77
SG218T	SGL	38 - 78
SG239AJ	♦SGL	87 - 83
SG239AN	♦SGL	87 - 84
SG239BJ	♦SGL	87 - 91
SG239BN	♦SGL	87 - 92
SG239J	♦SGL	87 - 85
SG239N	♦SGL	87 - 86
SG300J	♦SGL	56 - 3
SG300M	♦SGL	56 - 4

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SG301N	♦SGL	36 -104
SG301T	♦SGL	36 -105
SG302Y	♦SGL	31 -103
SG305AM	♦SGL	62 - 8
SG305AN	♦SGL	62 - 9
SG311M	♦SGL	83 -104
SG318AT	SGL	27 - 15
SG318J	SGL	40 - 99
SG318M	SGL	40 - 75
SG318T	SGL	40 -100
SG339AJ	♦SGL	87 - 87
SG339AN	♦SGL	87 - 88
SG339BJ	♦SGL	87 - 93
SG339BN	♦SGL	87 - 94
SG339J	♦SGL	87 - 89
SG339N	♦SGL	87 - 90
SG555CJ	♦SGL	72 - 85
SG555CM	♦SGL	72 - 86
SG555CN	♦SGL	72 - 87
SG555CT	♦SGL	72 - 88
SG555J	♦SGL	72 - 89
SG555M	♦SGL	72 - 90
SG555N	♦SGL	72 - 91
SG555T	♦SGL	72 - 92
SG556CJ	♦SGL	72 -110
SG556CN	♦SGL	73 - 1
SG556J	♦SGL	73 - 2
SG556N	♦SGL	73 - 3
SG710AT	♦SGL	84 - 55
SG710BN	♦SGL	84 - 45
SG710BT	♦SGL	85 - 38
SG710CJ	♦SGL	84 -100
SG710CN	♦SGL	84 -101
SG710CT	♦SGL	84 -102
SG710J	♦SGL	84 - 33
SG710N	♦SGL	85 - 37
SG710T	♦SGL	84 - 32
SG711AT	♦SGL	86 -106
SG711BN	♦SGL	86 -107
SG711BT	♦SGL	86 -108
SG711CJ	♦SGL	85 - 86
SG711CN	♦SGL	86 -101
SG711CT	♦SGL	86 -102
SG711J	♦SGL	85 - 82
SG711N	♦SGL	86 -109
SG711T	♦SGL	86 - 83
SG723N	♦SGL	61 - 57
SG733CJ	♦SGL	18 -105
SG733CN	♦SGL	18 -106
SG733CT	♦SGL	18 -107
SG733J	♦SGL	18 -108
SG733N	SGL	18 -109
SG733T	♦SGL	18 -110
SG741N	SGL	42 - 70
SG741SCM	♦SGL	38 - 22
SG741SCT	♦SGL	38 - 23
SG741ST	♦SGL	38 - 19
SG747CJ	♦SGL	48 - 28
SG747CN	♦SGL	48 - 29
SG747CT	♦SGL	48 - 30
SG747J	♦SGL	48 -105
SG747N	♦SGL	48 -106
SG747T	♦SGL	48 -107
SG748CF	♦SGL	40 - 33
SG748CJ	♦SGL	40 - 24
SG748CM	♦SGL	40 - 25
SG748CN	♦SGL	40 - 26
SG748CT	♦SGL	40 - 27
SG748CY	♦SGL	40 - 34
SG748F	♦SGL	42 - 42
SG748J	♦SGL	38 - 15
SG748T	♦SGL	38 - 16
SG748Y	♦SGL	42 - 43
SG777CF	SGL	35 - 79
SG777CJ	SGL	34 - 40
SG777CM	SGL	34 - 41
SG777CN	SGL	34 - 42
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♦-Mfr's data sheet available in microfilm service
Cur-In current D.A.T.A.BOOK Obs-In this book
Δ-Registered with JEDEC by this manufacturer

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SL303AE	PLSB	74 - 84
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SL303BE	PLSB	74 - 86
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SL702C	PLSB	43 - 93
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SL704B/F	PLSB	43 - 82
SL704B/T	PLSB	43 - 83
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SL717C	♦PLSB	86 - 32
SL748A	♦PLSB	26 - 47
SL748C	♦PLSB	39 - 92
SL751B	PLSB	40 - 82
SL751B/E	PLSB	40 - 83
SL751B/F	PLSB	40 - 84
SL751BE	PLSB	40 - 85
SL751BF	PLSB	40 - 86
SL751C	PLSB	43 - 94
SL751C/E	PLSB	43 - 95
SL751C/F	PLSB	43 - 96
SL751CE	PLSB	43 - 97
SL751CF	PLSB	43 - 98
SL1301DP	PLSB	74 - 52
SL1360CM	PLSB	74 - 98
SL1360DP	PLSB	74 - 99
SL1362CM	PLSB	74 -100
SL1362DP	PLSB	74 -101
SL1495	PLSB	20 - 37
SL1521B	♦PLSB	90 - 22
SL1595	PLSB	20 - 38
SL3045	PLSB	74 - 88
SL3081#1	PLSB	74 - 28
SL3081#2	PLSB	74 - 29
SL3081CDG	PLSB	75 - 21
SL3081CDP	PLSB	75 - 22
SL3082#1	PLSB	74 - 11
SL3082#2	PLSB	74 - 12
SL3082CDG	PLSB	75 - 23
SL3082CDP	PLSB	75 - 24
SL3083#1	PLSB	75 - 7
SL3083#2	PLSB	75 - 8
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SL3146CDG	PLSB	74 - 44
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SL3183ADP	PLSB	75 - 10
SL3183CDG	PLSB	75 - 11
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SN52L022JP	TII	none
Repl.by TL022MP Cur.		
SN52L022L	TII	none
Repl.by TL022ML Obs.		
SN52L044JA	TII	none
Repl.by TL044MJ Cur.		
SN72L022L	TII	none
Repl.by TL022CL Cur.		
SN72L022P	TII	none
Repl.by TL022CP Cur.		
SN72L044JA	TII	none
Repl.by TL044CJ Cur.		
SN72L044N	TII	none
Repl.by TL044CN Cur.		
SN74LS724J	♦MOTA	52 - 18
SN518A	♦TII	72 - 49
SN518B	♦TII	72 - 50
SN521A	♦TII	43 - 54
SN522A	♦TII	43 - 55
SN523A	♦TII	17 - 29
SN524A	♦TII	37 - 34
SN524AL	♦TII	37 - 35
SN525	♦TII	none
Repl.by SN525F Obs.		
SN525F	♦TII	17 - 25
SN526	♦TII	none
Repl.by SN526F Obs.		
SN526F	♦TII	17 - 31
SN723	♦TII	17 - 26
SN724	♦TII	none
Repl.by SN724F Obs.		
SN724F	♦TII	38 - 4
SN724L	♦TII	38 - 5
SN724N	♦TII	38 - 6
SN725	♦TII	none
Repl.by SN725F Obs.		
SN725F	♦TII	17 - 24
SN726	♦TII	none
Repl.by SN726F Obs.		
SN726F	♦TII	17 - 30
SN2600	♦TII	18 - 42
SN2610	♦TII	18 - 44
SN2620	♦TII	17 - 81
SN5231L	♦TII	17 - 28
SN5380	♦TII	72 - 17
SN5510	♦TII	none
Repl.by SN5510F Cur.		
SN5510FA	TII	18 - 88
SN5510JP	TII	18 - 92
SN5510L	♦TII	18 - 93
SN5511	♦TII	17 - 18
SN5511FA	♦TII	17 - 83
SN5511N	♦TII	17 - 84
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SN5514L	♦TII	19 - 43
SN5514P	♦TII	19 - 44
SN7231L	♦TII	17 - 27
SN7380	♦TII	72 - 18
SN7510	♦TII	none
Repl.by SN7510F Cur.		
SN7510FA	TII	18 - 89
SN7510L	♦TII	18 - 90
SN7510P	TII	18 - 91
SN7511FA	♦TII	17 - 85
SN7511N	♦TII	17 - 86
SN7512L	♦TII	19 - 36
SN7512N	♦TII	19 - 37
SN7514L	♦TII	19 - 38
SN7514P	♦TII	19 - 39
SN52101AFA	♦TII	33 - 94
SN52101AJ	♦TII	none
Repl.by LM101AJ Cur.		
SN52101AJA	♦TII	33 - 95
SN52101AJP	♦TII	none
Repl.by LM101AP Cur.		
SN52101AL	♦TII	none
Repl.by LM101AL Obs.		
SN52104JA	TII	58 - 3
SN52104L	TII	none
Repl.by LM104L Obs.		
SN52105JP	TII	none
Repl.by LM105P Cur.		
SN52105L	TII	none
Repl.by LM105L Obs.		
SN52106FA	TII	none
Repl.by LM106U Cur.		
SN52106J	TII	none
Repl.by LM106J Cur.		
SN52106JP	TII	none
Repl.by LM106P Cur.		
SN52106L	TII	none
Repl.by LM106L Obs.		
SN52107FA	♦TII	none
Repl.by LM107U Cur.		
SN52107JA	♦TII	33 - 96
SN52107JP	♦TII	none
Repl.by LM107P Cur.		
SN52107L	♦TII	none
Repl.by LM107L Obs.		
SN52107P	♦TII	33 - 97
SN52108AFA	TII	27 - 16
SN52108AJA	TII	27 - 17
SN52108AJP	TII	27 - 18
SN52108AL	TII	27 - 19
SN52108AN	TII	27 - 20
SN52108FA	TII	27 - 52
SN52108JA	TII	27 - 53
SN52108L	TII	27 - 54
SN52108N	TII	27 - 55
SN52109LA	TII	none
Repl.by LM109LA Obs.		
SN52110L	TII	29 - 62
SN52111FA	TII	none
Repl.by LM111U Cur.		
SN52111J	TII	none
Repl.by LM111J Cur.		
SN52111JP	TII	none
Repl.by LM111P Cur.		
SN52111L	TII	none
Repl.by LM111L Obs.		
SN52506FA	♦TII	none
Repl.by TL506MW Cur.		
SN52506J	♦TII	none
Repl.by TL506MJ Cur.		
SN52506N	♦TII	86 - 50
SN52510FA	♦TII	none
Repl.by TL510MU Cur.		
SN52510J	♦TII	none
Repl.by TL510MJ Cur.		
SN52510JP	♦TII	none
Repl.by TL510MP Cur.		
SN52510L	♦TII	none
Repl.by TL510ML Obs.		
SN52510N	♦TII	84 - 35
SN52510P	♦TII	84 - 36
SN52514J	♦TII	none
Repl.by TL514MJ Cur.		
SN52514N	♦TII	86 - 29
SN52558JP	TII	none
Repl.by MC1558P Cur.		
SN52558L	♦TII	none
Repl.by MC1558L Obs.		
SN52558P	♦TII	48 -109
SN52660FA	TII	30 - 15
SN52660JA	TII	30 - 16
SN52660JP	TII	30 - 17
SN52660L	TII	30 - 18
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SN52702AFA#2	♦TII	44 - 19
SN52702AJ#1	♦TII	44 - 31
SN52702AJ#2	♦TII	28 - 75
SN52702AL#1	♦TII	44 - 32
SN52702AL#2	♦TII	44 - 20
SN52702AN	♦TII	44 - 33
SN52702BL	♦TII	44 - 88
SN52702BN	♦TII	44 - 89
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SN52709AJ	♦TII	none
Repl.by MA709AMJ Cur.		
SN52709AJA	♦TII	39 - 7
SN52709AL	♦TII	none
Repl.by MA709AML Cur.		
SN52709AN	♦TII	39 - 8
SN52709AP	♦TII	none
Repl.by MA709AMJG Cur.		
SN52709BL	♦TII	43 - 84
SN52709BN	♦TII	43 - 85
SN52709BS	♦TII	43 - 86
SN52709FA	♦TII	26 - 77
SN52709J	♦TII	none
Repl.by MA709MJ Cur.		
SN52709JA	♦TII	26 - 78
SN52709JP	♦TII	none
Repl.by MA709MP Cur.		
SN52709L	♦TII	none
Repl.by MA709ML Cur.		
SN52709N	♦TII	41 - 66
SN52709P	♦TII	41 - 67
SN52710	♦TII	83 - 8
SN52710BF	♦TII	85 - 75
SN52710BL	♦TII	85 - 76
SN52710BN	♦TII	85 - 77
SN52710FA	TII	85 - 83
SN52710J	TII	none
Repl.by TL710MJ Cur.		
SN52710JP	TII	none
Repl.by TL710MP Cur.		
SN52710L	♦TII	none
Repl.by TL710ML Obs.		
SN52710N	♦TII	85 - 84
SN52711FA	♦TII	86 - 84
SN52711J	♦TII	none
Repl.by MA711MJ Cur.		
SN52711L	♦TII	87 - 41
SN52711N	♦TII	87 - 42
SN52723FA	TII	60 - 91
SN52723U	TII	59 - 74
SN52733FA	♦TII	17 -104
SN52733J	♦TII	none
Repl.by UA733MJ Cur.		
SN52733L	♦TII	none
Repl.by MA733ML Cur.		
SN52733N	♦TII	17 -103
SN52741FA	SPR	41 - 68
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SN52741J	SPR	none
	♦TII	
Repl.by MA741MJ Cur.		
SN52741JA	SPR	41 - 69
	♦TII	
SN52741JP	SPR	none
	♦TII	
Repl.by MA741MP Cur.		
SN52741L	SPR	none
	♦TII	
Repl.by UA741ML Cur.		
SN52741N	♦TII	41 - 70
SN52741P	♦TII	41 - 71
SN52747FA	♦TII	48 - 81
SN52747J	♦TII	none
Repl.by MA747MJ Cur.		
SN52747JA	♦TII	48 - 82
SN52747L	♦TII	none
Repl.by MA747ML Cur.		
SN52747N	♦TII	48 -110
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SN52748JA	♦TII	41 - 73
SN52748N	♦TII	41 - 74
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SN52770FA	♦TII	30 -105
SN52770JA	♦TII	30 -106
SN52770JP	♦TII	30 -107
SN52770L	♦TII	31 - 3
SN52770N	♦TII	31 - 4
SN52770P	♦TII	31 - 5
SN52771FA	♦TII	31 - 6
SN52771JA	♦TII	31 - 7
SN52771JP	♦TII	31 - 8
SN52771L	♦TII	31 - 9
SN52771N	♦TII	31 - 10
SN52771P	♦TII	31 - 11
SN52777FA	TII	32 - 47
SN52777JA	TII	32 - 48
SN52777JP	TII	none
Repl.by MA777MP Cur.		
SN52777L	TII	none
Repl.by MA777ML Cur.		
SN52810FA	♦TII	84 - 37
SN52810J	♦TII	none
Repl.by TL810MJ Cur.		
SN52810JP	♦TII	none
Repl.by TL810MP Cur.		
SN52810L	♦TII	none
Repl.by TL810ML Obs.		
SN52810N	♦TII	84 - 38
SN52810P	♦TII	84 - 39
SN52811FA	♦TII	86 - 33
SN52811J	♦TII	none
Repl.by TL811MJ Cur.		
SN52811L	♦TII	none
Repl.by TL811ML Obs.		
SN52811N	♦TII	86 - 34
SN52820J	♦TII	none
Repl.by TL820MJ Cur.		
SN52820N	♦TII	86 - 30
SN56502J	♦TII	none
Repl.by TL441MJ Cur.		
SN56514	♦TII	65 - 50
SN56514J	♦TII	64 - 31
SN56514L	♦TII	64 - 32

♦-Mfr's data sheet available in microfilm service

Cur-In current D.A.T.A.BOOK   Obs-In this book
Δ-Registered with JEDEC by this manufacturer

1. TYPE No. CROSS INDEX

IN TYPE NUMBER SEQUENCE

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SN56514N	♦TII	64 - 33
SN62088N	TII	51 - 27
SN72088N	TII	51 - 29
SN72301AFA	♦TII	36 - 84
SN72301AJ	♦TII	none
Repl.by LM301AJ Cur.		
SN72301AL	♦TII	none
Repl.by LM301AL Obs.		
SN72301AN	♦TII	none
Repl.by LM301AN Cur.		
SN72301AP	♦TII	none
Repl.by LM301AP Cur.		
SN72304L	TII	none
Repl.by LM304L Obs.		
SN72304N	TII	none
Repl.by LM304N Cur.		
SN72305AL	TII	none
Repl.by LM305AL Obs.		
SN72305AP	TII	none
Repl.by LM305AP Cur.		
SN72305L	TII	none
Repl.by LM305L Obs.		
SN72305P	♦TII	none
Repl.by LM305P Cur.		
SN72306FA	TII	84 - 72
SN72306J	TII	none
Repl.by LM306J Cur.		
SN72306L	TII	none
Repl.by LM306L Obs.		
SN72306N	TII	none
Repl.by LM306N Cur.		
SN72306P	TII	none
Repl.by LM306P Cur.		
SN72307FA	♦TII	36 - 85
SN72307JA	♦TII	36 - 86
SN72307L	♦TII	none
Repl.by LM307L Obs.		
SN72307N	♦TII	none
Repl.by LM307N Cur.		
SN72307P	♦TII	none
Repl.by LM307P Cur.		
SN72308AFA	TII	29 - 2
SN72308AJA	TII	29 - 3
SN72308AL	TII	29 - 4
SN72308AN	TII	29 - 5
SN72308AP	TII	29 - 6
SN72308FA	TII	29 - 24
SN72308JA	TII	29 - 25
SN72308L	TII	29 - 26
SN72308N	TII	29 - 27
SN72308P	TII	29 - 28
SN72309LA	TII	none
Repl.by LM309LA Obs.		
SN72310L	TII	29 - 64
SN72310P	TII	29 - 65
SN72311FA	TII	83 - 92
SN72311J	TII	none
Repl.by LM311J Cur.		
SN72311L	TII	none
Repl.by LM311L Obs.		
SN72311N	TII	none
Repl.by LM311N Cur.		
SN72311P	TII	none
Repl.by LM311P Cur.		
SN72376L	TII	none
Repl.by LM376L Obs.		
SN72376P	TII	none
Repl.by LM376P Cur.		
SN72400L	♦TII	61 - 3
SN72400N	♦TII	61 - 4
SN72401J	TII	59 - 75
SN72401N	TII	59 - 76
SN72405L	TII	53 - 30
SN72405P	TII	53 - 31
SN72406L	TII	54 - 25
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SN72409L	TII	55 - 52
SN72409P	TII	55 - 53
SN72412L	TII	56 - 19
SN72412P	TII	56 - 20
SN72415L	TII	56 - 87
SN72415P	TII	56 - 88
SN72418L	TII	57 - 60
SN72418P	TII	57 - 61
SN72424L	TII	58 - 55
SN72424P	TII	58 - 56
SN72506FA	♦TII	83 - 37
SN72506J	♦TII	none
Repl.by TL506CJ Cur.		
SN72506N	♦TII	none
Repl.by TL506CN Cur.		
SN72510FA	♦TII	84 - 61
SN72510J	♦TII	none
Repl.by TL510CJ Cur.		
SN72510L	♦TII	none
Repl.by TL510CL Obs.		
SN72510N	♦TII	none
Repl.by TL510CN Cur.		
SN72510P	♦TII	none
Repl.by TL510CP Cur.		
SN72514J	TII	none
Repl.by TL514CJ Cur.		
SN72514N	TII	none
Repl.by TL514CN Cur.		
SN72558L	♦TII	none
Repl.by MC1458L Obs.		
SN72558P	♦TII	none
Repl.by MC1458P Cur.		
SN72660FA	TII	30 - 19
SN72660JA	TII	30 - 20
SN72660L	TII	30 - 21
SN72660N	TII	30 - 22
SN72660P	TII	30 - 23
SN72702FA	♦TII	44 - 91

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SN72702J	♦TII	none
Repl.by TL702CJ Cur.		
SN72702L	♦TII	none
Repl.by TL702CL Obs.		
SN72702N	♦TII	none
Repl.by TL702CN Cur.		
SN72709	♦TII	23 - 14
SN72709DN	TII	43 - 13
SN72709FA	♦TII	43 - 14
SN72709J	♦TII	none
Repl.by MA709CJ Cur.		
SN72709L	♦TII	none
Repl.by MA709CL Cur.		
SN72709N	♦TII	none
Repl.by MA709CN Cur.		
SN72709P	♦TII	none
Repl.by MA709CP Cur.		
SN72710	♦TII	83 - 12
SN72710FA	TII	85 - 87
SN72710J	TII	none
Repl.by TL710CJ Cur.		
SN72710L	♦TII	none
Repl.by TL710CL Obs.		
SN72710N	♦TII	none
Repl.by TL710CN Cur.		
SN72710P	TII	none
Repl.by TL710CP Cur.		
SN72711FA	♦TII	86 -103
SN72711J	♦TII	none
Repl.by MA711CJ Cur.		
SN72711L	♦TII	none
Repl.by MA711CL Cur.		
SN72711N	♦TII	none
Repl.by MA711CN Cur.		
SN72720J	TII	none
Repl.by TL720CJ Cur.		
SN72720N	TII	none
Repl.by TL720CN Cur.		
SN72723FA	TII	60 - 92
SN72733FA	♦TII	17 -106
SN72733J	♦TII	none
Repl.by MA733CJ Cur.		
SN72733L	♦TII	none
Repl.by MA733CL Cur.		
SN72733N	♦TII	none
Repl.by MA733CN Cur.		
SN72741DN	TII	39 - 93
SN72741FA	SPR	39 - 94
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SN72741J	SPR	none
	♦TII	
Repl.by MA741CJ Cur.		
SN72741L	SPR	none
	♦TII	
Repl.by MA741CL Cur.		
SN72741N	SPR	none
	♦TII	
Repl.by MA741CN Cur.		
SN72741P	SPR	none
	♦TII	
Repl.by MA741CP Cur.		
SN72747FA	♦TII	48 - 10
SN72747J	♦TII	none
Repl.by MA747CJ Cur.		
SN72747L	♦TII	none
Repl.by MA747CL Cur.		
SN72747N	♦TII	none
Repl.by MA747CN Cur.		
SN72748FA	♦TII	39 - 95
SN72770FA	♦TII	31 - 19
SN72770JA	♦TII	31 - 20
SN72770L	♦TII	31 - 36
SN72770N	♦TII	31 - 37
SN72770P	♦TII	31 - 38
SN72771FA	♦TII	31 - 39
SN72771JA	♦TII	31 - 40
SN72771L	♦TII	31 - 35
SN72771N	♦TII	31 - 41
SN72771P	♦TII	31 - 42
SN72777FA	TII	35 - 55
SN72777JA	TII	35 - 56
SN72777L	TII	none
Repl.by MA777CL Cur.		
SN72777N	TII	none
Repl.by MA777CN Cur.		
SN72777P	TII	none
Repl.by MA777CP Cur.		
SN72810FA	♦TII	84 - 62
SN72810J	♦TII	none
Repl.by TL810CJ Cur.		
SN72810L	♦TII	none
Repl.by TL810CL Obs.		
SN72810N	♦TII	none
Repl.by TL810CN Cur.		
SN72810P	♦TII	none
Repl.by TL810CP Cur.		
SN72811FA	♦TII	86 - 56
SN72811J	♦TII	none
Repl.by TL811CJ Cur.		
SN72811L	♦TII	none
Repl.by TL811CN Cur.		
SN72820J	♦TII	none
Repl.by TL820CJ Cur.		
SN72820N	♦TII	none
Repl.by TL820CN Cur.		
SN76502J	♦TII	none
Repl.by TL441CJ Cur.		
SN76502N	♦TII	none
Repl.by TL441CN Cur.		
SNR518	TII	72 - 51
SOS1	CLC	73 - 17
SOS21	CLC	73 - 18
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SP708F	RTN	75 - 59
SP929QF	RTN	76 - 48
SP930QF	RTN	76 - 49
SP1132F	RTN	76 - 19
SP1711F	RTN	76 - 71
SP1890F	RTN	76 - 69
SP1893F	RTN	76 - 75
SP2060F	RTN	79 - 13
SP2218AF	♦RTN	75 - 49
SP2221AF	RTN	75 - 50
SP2221AQF	RTN	75 - 57
SP2221F	RTN	75 - 51
SP2221QF	RTN	75 - 58
SP2223AF	RTN	81 - 36
SP2483QF	RTN	76 - 70
SP2604QF	RTN	76 - 2
SP2904AF	RTN	75 -104
SP2904AQF	RTN	76 - 3
SP2904F	RTN	75 -105
SP2904QF	RTN	76 - 4
SP2906AF	RTN	76 - 36
SP2906AQF	RTN	76 - 40
SP2906F	RTN	76 - 37
SP2906QD	RTN	76 - 38
SP2906QF	RTN	76 - 39
SP2920F	RTN	79 - 14
SP2946F	RTN	75 -106
SP3020F	RTN	76 - 76
SP3115F	RTN	76 - 77
SP3116F	RTN	75 -107
SP3133F	RTN	75 -108
SP3134F	RTN	75 -109
SP3135F	RTN	75 -110
SP3136F	RTN	76 - 1
SP3253QD	RTN	76 - 34
SP3762QD	RTN	76 - 5
SP3762QF	RTN	76 - 6
SP8300	♦SGSI	79 - 15
SP8302	♦SGSI	79 - 16
SP8303	♦SGSI	79 - 17
SP8304	♦SGSI	79 - 18
SP8307	♦SGSI	80 -104
SP8309	♦SGSI	79 - 19
SP8310	♦SGSI	79 - 20
SP8311	♦SGSI	79 - 21
SP8411	♦FSC	75 - 52
	♦SGSI	
SP8411A	♦FSC	74 - 70
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SP8412	♦FSC	74 - 71
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SP8412A	♦FSC	74 - 72
	♦SGSI	
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SP8414	FSC	74 - 75
	♦SGSI	
SP8414A	FSC	74 - 76
	♦SGSI	
SP8588	♦FSC	74 - 77
	♦SGSI	
SP8588A	♦FSC	74 - 78
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SP10800	♦FSC	74 - 79
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SP10801	♦FSC	79 - 22
	SGSI	
SP10810	♦FSC	80 -105
	SGSI	
SP10811	♦FSC	75 - 87
	SGSI	
SPH0070	SIL	59 - 36
SPH0071	SIL	59 - 37
SPH0130	SIL	53 - 4
SPH0131	SIL	53 - 5
SPH0140	SIL	59 - 38
SPH0141	SIL	59 - 39
SPQ918	♦SGSI	74 -110
SPQ2483	♦SGSI	75 - 1
SPQ2484	♦SGSI	75 - 2
SPQ6001	♦SGSI	75 - 91
SPQ6002	♦SGSI	75 - 92
SPQ6501	♦SGSI	75 - 3
SPQ6502	♦SGSI	75 - 4
SSS101AJ	♦PMI	34 - 66
SSS101AL	♦PMI	34 - 67
SSS101AP	♦PMI	34 - 68
SSS107J	♦PMI	34 - 69
SSS107L	♦PMI	34 - 70
SSS107P	♦PMI	34 - 71
SSS201AJ	♦PMI	34 - 72
SSS201AL	♦PMI	34 - 73
SSS201AP	♦PMI	34 - 74
SSS207J	♦PMI	34 - 75
SSS207L	♦PMI	34 - 76
SSS207P	♦PMI	34 - 77
SSS301AJ	PMI	35 -110
SSS301AP	PMI	36 - 1
SSS307J	PMI	35 -108
SSS307P	PMI	35 -109
SSS725AJ	♦PMI	34 -109
SSS725AL	♦PMI	34 -110
SSS725AY	♦PMI	35 - 1
SSS725BJ	♦PMI	35 - 8
SSS725BL	♦PMI	35 - 9
SSS725BY	♦PMI	35 - 10
SSS725CJ	♦PMI	35 - 36
SSS725CY	♦PMI	35 - 37
SSS725EJ	♦PMI	45 - 4

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SSS725L	♦PMI	35 - 33
SSS725Y	♦PMI	35 - 34
SSS741BJ	♦PMI	33 -103
SSS741BL	♦PMI	34 - 93
SSS741BY	♦PMI	33 -104
SSS741CJ	♦PMI	35 - 73
SSS741CL	♦PMI	36 - 12
SSS741CY	♦PMI	35 - 74
SSS741GJ	♦PMI	35 - 65
SSS741GL	♦PMI	36 - 11
SSS741GY	♦PMI	35 - 66
SSS741J	♦PMI	33 - 98
SSS741L	♦PMI	34 - 92
SSS741Y	♦PMI	33 - 99
SSS747BK	♦PMI	47 - 10
SSS747BM	♦PMI	47 - 11
SSS747BY	♦PMI	47 - 12
SSS747CK	♦PMI	47 - 24
SSS747CM	♦PMI	47 - 22
SSS747CY	♦PMI	47 - 25
SSS747GK	♦PMI	47 - 26
SSS747GM	♦PMI	47 - 27
SSS747GY	♦PMI	47 - 28
SSS747K	♦PMI	47 - 3
SSS747M	♦PMI	47 - 4
SSS747Y	♦PMI	47 - 5
SSS841CJ	PMI	35 - 98
SSS841CP	PMI	35 - 99
SSS841GJ	PMI	35 -100
SSS841GL	PMI	35 -101
SSS841GP	PMI	35 -102
SSS841J	PMI	34 - 44
SSS841L	PMI	34 - 45
SSS841P	PMI	34 - 46
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SU2075	♦TSC	79 - 23
SU2076	♦TSC	79 - 24
SU2077	♦TSC	79 - 25
SU2078	♦TSC	79 - 26
SU2079	♦TSC	79 - 27
SU2098	♦INL	79 - 28
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SU2099	INL	79 - 31
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SU2365A	♦INL	79 - 33
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SU2367A	♦INL	79 - 34
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SU2412	TSC	79 - 37
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SU2653	♦TSC	79 - 38
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SW728-1F	♦SWM	72 - 20
SW728-1P	♦SWM	72 - 21
SW728-1S	♦SWM	72 - 22
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SW728-2M	♦SWM	72 - 26
SW728-2P	♦SWM	72 - 27
SW728-2S	♦SWM	72 - 28
SW728-2T	♦SWM	72 - 29
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SW951-1F	SWM	72 - 31
SW951-1P	SWM	72 - 32
SW951-1S	SWM	72 - 33
SW951-1T	SWM	72 - 34
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SW951-2F	SWM	72 - 36
SW951-2M	SWM	72 - 37
SW951-2P	SWM	72 - 38
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T101AJ	TEC	34 - 30
T101AV	TEC	34 - 31
T107F	TEC	34 - 16
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T107V	TEC	34 - 18
T109H	TEC	53 - 53
T109K	TEC	53 - 79
T118F	TEC	38 - 79
T118J	TEC	38 - 80
T118V	TEC	38 - 81
T201AF	TEC	34 - 32
T201AJ	TEC	34 - 33
T201AV	TEC	34 - 34
T207F	TEC	34 - 19
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T309H	TEC	53 - 55
T309K	TEC	53 - 81
T318F	TEC	40 -101
T318J	TEC	40 -102
T318V	TEC	40 -103
T1225F	TEC	85 - 68
T1225J	TEC	85 - 69
T1225V	TEC	85 - 70
T1709F	TEC	42 - 10
T1709J	TEC	42 - 11
T1709V	TEC	42 - 12
T1710F	TEC	85 - 48
T1710J	TEC	84 -110
T1710V	TEC	85 - 49
T1711F	TEC	87 - 12
T1711J	TEC	87 - 13
T1711V	TEC	87 - 14
T1723J	TEC	59 - 77
T1723V	TEC	59 - 78
T1741F	TEC	40 - 6
T1741J	TEC	42 - 13
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T1741WF	TEC	41 - 76
T1741WJ	TEC	41 - 77
T1741WV	TEC	41 - 78
T1747AV	TEC	48 - 83
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T1747V	TEC	48 - 85
T1748F	TEC	42 - 30
T1748J	TEC	42 - 31
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T1809J	TEC	42 - 15
T2002J	TEC	56 - 96
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T2225F	TEC	85 - 71
T2225J	TEC	85 - 72
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T2709F	TEC	43 - 44
T2709J	TEC	43 - 45
T2709V	TEC	43 - 46
T2710F	TEC	85 - 1
T2710J	TEC	85 - 2
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T2711F	TEC	87 - 27
T2711J	TEC	87 - 28
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T2723J	TEC	59 - 79
T2723V	TEC	59 - 80
T2741F	TEC	40 - 8
T2741J	TEC	40 - 9
T2741V	TEC	40 - 10
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T2741WV	TEC	39 - 98
T2747AV	TEC	48 - 11
T2747J	TEC	48 - 12
T2747V	TEC	48 - 13
T2748F	TEC	40 - 16
T2748J	TEC	40 - 17
T2748V	TEC	40 - 18
T2809J	TEC	43 - 47
T3225F	TEC	85 - 78
T3225J	TEC	85 - 79
T3225V	TEC	85 - 80
T3709F	TEC	42 - 16
T3709J	TEC	42 - 17
T3709V	TEC	42 - 18
T3748F	TEC	32 - 62
T3748J	TEC	32 - 63
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T4709J	TEC	39 - 15
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T4711F	TEC	86 - 85
T4711J	TEC	86 - 86
T4711V	TEC	86 - 87
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T5711J	TEC	86 - 89
T5711V	TEC	86 - 90
T6711J	TEC	87 - 15
T7709V	TEC	32 - 98
T7711J	TEC	87 - 30
T7741F	TEC	32 - 99
T7741J	TEC	32 -100
T7741V	TEC	32 -101
T7741WF	TEC	32 - 88
T7741WJ	TEC	32 - 89
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T8709V	TEC	33 - 7
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T8741F	TEC	32 -109
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T8741V	TEC	33 - 1
T8741WF	TEC	32 - 92
T8741WJ	TEC	32 - 93
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T8747J	TEC	46 - 99
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T9600J	♦TEC	72 - 95
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TAA182	♦PHIN	40 - 23
TAA191	♦PHIN	38 - 7
TAA201	♦PHIN	17 - 35
TAA202	♦PHIN	17 - 33
TAA231	♦MULB	90 - 29
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TAA232	♦MULB	90 - 13
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♦MULB	♦PHIN	
RTCF	♦VALG	
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TAA243	♦APX	44 - 75
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	♦RTCF	
TAA320A	♦APX	16 - 39
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TAA380A	APX	64 - 35
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TAA445	VALG	23 - 4
TAA450%	♦PHIN	64 - 36
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TAA521%	♦MULB	36 - 52
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TAA521A	♦SIEG	43 - 16
TAA522	♦SIEG	41 - 79
TAA522%	♦MULB	35 - 38
♦PHIN	RTCF	
	♦VALG	
TAA591	SGAI	64 - 37
TAA640	PHIN	64 - 38
RTCF	VALG	
TAA710A	♦ITTG	64 - 39
TAA710B	♦ITTG	64 - 40
TAA721	♦SIEG	18 - 94
TAA722	♦SIEG	18 - 95
TAA730	SGAI	64 - 41
TAA761AS	SIEG	40 - 73
TAA761G	♦SIEG	23 - 25
TAA761G△	♦SIEG	23 - 6
TAA762S	SIEG	39 - 29
TAA765AS	SIEG	40 - 74
TAA765G	♦SIEG	23 - 26
TAA765G△	♦SIEG	23 - 7
TAA775G	♦ITTG	20 - 74
TAA780A	♦ITTG	53 - 8
TAA780B	♦ITTG	53 - 9
TAA811	♦MULB	37 - 24
♦PHIN	RTCF	
TAA812	♦MULB	36 - 48
♦PHIN	RTCF	
TAA861G	♦SIEG	23 - 27
TAA861G△	♦SIEG	23 - 15
TAA865G	♦SIEG	23 - 28
TAA865G△	♦SIEG	23 - 16
TAA940B	ALGG	88 - 59
TAA940C	ALGG	88 - 60
TAA981	SIEG	64 - 42
TAA991	SIEG	64 - 43
TAB101	♦APX	69 - 66
	♦RTCF	74 - 81
TAB1044	PLSB	50 - 80
TAB1453G△	♦SIEG	23 - 8
TAD93	TADI	74 - 82
TAE1453G△	♦SIEG	23 - 5
TBA221A	MULB	39 - 42
SIEG	SPR	
TBA221G	♦SIEG	39 - 99
	SPR	
TBA221G△	♦SIEG	39 -100
TBA221N	♦RTCF	39 -101
	SPR	
TBA222GG	SIEG	37 - 25
TBA231	♦SGSI	49 - 10
TBA271A	SGSI	88 - 61
TBA271B	SGSI	88 - 62
TBA271C	SGSI	88 - 63
TBA325A	SGSI	53 - 59
TBA325B	SGSI	56 - 36
TBA325C	SGSI	56 -107
TBA352	SGSI	60 - 89
TBA440CQ	NSC	64 - 44
TBA440Q	♦SIEG	18 - 47
TBB741G△	♦SIEG	39 -102
TBB0747	♦SIEG	48 - 14
TBB0747A	♦SIEG	48 - 15
TBB0748	♦SIEG	39 -103
TBB0748B	♦SIEG	39 -104
TBB1331A	♦SIEG	23 - 24
TBB1458	♦SIEG	40 - 13
TBB1458G△	♦SIEG	45 - 18
TBC0747	♦SIEG	48 - 86
TBC0748	♦SIEG	41 - 80
TBC1458	♦SIEG	48 - 20
TCA250	♦ITTG	68 - 17
TCA280	♦RTCF	62 -101
TCA311G	♦SIEG	23 - 17
TCA311G△	♦SIEG	23 - 18
TCA315G	♦SIEG	23 - 19
TCA321G	♦SIEG	23 - 10

TYPE No.	MFRS	Pg&Line
TCA321G△	♦SIEG	23 - 11
TCA325G	♦SIEG	23 - 12
TCA325G△	♦SIEG	23 - 13
TCA331G	♦SIEG	23 - 20
TCA331G△	♦SIEG	23 - 21
TCA335G	♦SIEG	23 - 22
TCA335G△	♦SIEG	23 - 23
TCA370	♦ITTG	20 - 57
TCA520	VALG	33 -110
TCA520A	VALG	33 -109
TCA700	♦ITTG	55 - 81
TCA710A	ITTG	55 -109
TD5452	TSC	79 - 42
TD5453	TSC	79 - 43
TD5454	TSC	79 - 44
TD5902	TSC	79 - 45
TD5902A	TSC	79 - 46
TD5903	TSC	79 - 47
TD5903A	TSC	79 - 48
TD5904	TSC	79 - 49
TD5904A	TSC	79 - 50
TD5905	TSC	79 - 51
TD5905A	TSC	79 - 52
TD5906	TSC	79 - 53
TD5906A	TSC	79 - 54
TD5907	TSC	79 - 55
TD5907A	TSC	79 - 56
TD5908	TSC	79 - 57
TD5908A	TSC	79 - 58
TD5909	TSC	79 - 59
TD5909A	TSC	79 - 60
TD5911	TSC	79 - 61
TD5911A	TSC	79 - 62
TD5912	TSC	79 - 63
TD5912A	TSC	79 - 64
TD62001P	TOSJ	74 - 60
TD62002P	TOSJ	74 - 61
TD62003P	TOSJ	74 - 62
TD62004P	TOSJ	74 - 63
TD62064P	TOSJ	74 - 24
TD62074P	TOSJ	75 - 5
TD62101P	♦TOSJ	74 - 64
TD62103P	♦TOSJ	74 - 65
TD62104P	♦TOSJ	74 - 66
TD62105P	♦TOSJ	74 - 67
TD62107P	TOSJ	74 - 25
TD62301P	♦TOSJ	74 - 68
TD62302P	♦TOSJ	74 - 69
TD62501P	♦TOSJ	74 - 19
TD62502P	♦TOSJ	74 - 20
TD62503P	♦TOSJ	74 - 21
TD62504P	♦TOSJ	74 - 22
TD62505P	♦TOSJ	74 - 9
TD62506P	♦TOSJ	74 - 10
TD62507P	♦TOSJ	74 - 59
TD62703P	TOSJ	74 - 13
TD62705P	TOSJ	74 - 14
TD62706P	TOSJ	74 - 15
TDA1032	ITTG	55 - 46
TDA1058	SIEG	65 - 29
TDA1059B	none	22 - 13
TDA1059C	none	22 - 14
TDA1085B	♦MOTA	22 - 7
TDA1185A	♦MOTA	22 - 8
TDA1285A	♦MOTA	22 - 9
TDA1533	none	22 - 11
TDA4600	♦SIEG	62 - 50
TDB0723	♦SIEG	61 - 14
TDB0723A	♦SIEG	61 - 15
TDB2905ASP	THEF	53 -110
TDB2905CM	THEF	53 - 35
TDB2912CM	THEF	56 - 23
TDB2915CM	THEF	56 -100
TDB7805	♦SIEG	53 - 88
TDB7805T	♦SIEG	53 - 89
TDB7806T	♦SIEG	54 - 79
TDB7808	♦SIEG	55 - 32
TDB7808T	♦SIEG	55 - 33
TDB7812	♦SIEG	56 - 54
TDB7812T	♦SIEG	56 - 55
TDB7815	♦SIEG	57 - 20
TDB7815T	♦SIEG	57 - 21
TDB7818	♦SIEG	57 -102
TDB7818T	♦SIEG	57 -103
TDB7824	♦SIEG	58 -109
TDB7824T	♦SIEG	58 -110
TDC0117	♦SIEG	59 - 51
TDC0723	♦SIEG	61 - 16
TDC1710	♦TEC	85 - 50
TDC1710P	TEC	none
Repl.by TDC1710J Cur.		
TDC1711	♦TEC	87 - 17
TDC1711P	TEC	none
Repl.by TDC1711J Cur.		
TDC2710	♦TEC	85 - 4
TDC2710E	♦TEC	85 - 6
TDC2710P	TEC	none
Repl.by TDC2710J Cur.		
TDC2711	♦TEC	87 - 32
TDC2711E	♦TEC	87 - 44
TDC2711P	TEC	none
Repl.by TDC2711J Cur.		
TDC2905CM	THEF	53 - 36
TDC2912CM	THEF	56 - 24
TDC2915CM	THEF	56 -101
TDC4711	♦TEC	87 - 18
TDC4711P	TEC	none
Repl.by TDC4711J Cur.		
TDC5711	♦TEC	87 - 33
TDC5711F	♦TEC	87 - 34
TDC5711P	TEC	none
Repl.by TDC5711J Cur.		
TDC6711	♦TEC	87 - 19
TDC6711F	♦TEC	87 - 20

TYPE No.	MFRS	Pg&Line
TDC6711P	TEC	none
Repl.by TDC6711J Cur.		
TDC7711	♦TEC	87 - 35
TDC7711F	♦TEC	85 - 97
TDC7711P	TEC	none
Repl.by TDC7711J Cur.		
TDC7805	♦SIEG	53 - 90
TDC7806	♦SIEG	54 - 80
TDC7808	♦SIEG	55 - 34
TDC7812	♦SIEG	56 - 56
TDC7815	♦SIEG	57 - 22
TDC7818	♦SIEG	57 -104
TDC7824	♦SIEG	59 - 1
TDC8711	♦TEC	87 - 21
TDC8711F	♦TEC	87 - 22
TDC8711P	TEC	none
Repl.by TDC8711J Cur.		
TDC9711	♦TEC	87 - 36
TDC9711F	♦TEC	87 - 37
TDC9711P	TEC	none
Repl.by TDC9711J Cur.		
TDD0246	AEGG	70 - 1
TDD1605	ITTG	53 - 19
TDD1606	ITTG	54 - 13
TDD1608	ITTG	55 - 45
TDD1610	ITTG	55 - 71
TDD1612	ITTG	55 -106
TDD1615	ITTG	56 - 66
TDD1618	ITTG	57 - 50
TDD1624	ITTG	58 - 44
TH2PA#1	♦TADI	36 - 95
TH5PA#1	♦TADI	41 - 81
TI155	♦TII	77 - 3
TIS61M	♦TII	80 -106
TIS68	NSC	79 - 65
♦TII	♦TIIB	
TIS69	NSC	79 - 66
♦TII	♦TIIB	
TIS70	NSC	79 - 67
♦TII	TIIB	
TIS92M	♦TII	79 - 68
	TIIB	
TIS93M	♦TII	80 -107
	TIIB	
TL022ML	♦TII	47 - 49
TL071ACL	♦TII	28 - 72
TL071AML	♦TII	31 - 90
TL071BCL	♦TII	28 - 71
TL071CL	♦TII	28 - 73
TL071IL	TII	30 - 7
TL071ML	♦TII	31 - 94
TL072ACL	TII	45 - 95
TL072AML	TII	46 - 63
TL072BCL	TII	45 - 94
TL072CL	TII	45 - 96
TL072IL	♦TII	46 - 32
TL075AMJ	♦TII	49 - 79
TL080ACL	♦TII	28 - 20
TL080CL	♦TII	29 - 59
TL080IL	TII	30 - 8
TL080ML	♦TII	31 - 95
TL081ACL	♦TII	28 - 58
TL081AML	♦TII	30 - 45
TL081BCL	♦TII	27 -103
TL081CL	♦TII	28 - 59
TL081IL	TII	30 - 9
TL081ML	TII	31 - 96
TL082ACL	♦TII	45 - 82
TL082AML	♦TII	46 - 42
TL082CL	♦TII	46 - 31
TL082IL	TII	46 - 33
TL082ML	♦TII	46 - 70
TL085ACJ	♦TII	49 - 53
TL085ACN	♦TII	49 - 54
TL085AMJ	♦TII	49 - 50
TL085BCJ	♦TII	49 - 51
TL085BCN	♦TII	49 - 52
TL087CL	♦TII	26 - 44
TL087ML	TII	26 - 1
TL088CL	♦TII	26 - 45
TL088ML	TII	26 - 2
TL089C	♦TII	51 - 26
TL089CL	♦TII	29 - 97
TL089I	♦TII	51 - 25
TL089IL	TII	29 - 58
TL091IJG	♦TII	26 - 37
TL091IP	♦TII	26 - 38
TL092IJG	♦TII	45 - 31
TL092IP	♦TII	45 - 32
TL287CL	♦TII	45 - 33
TL288CL	♦TII	45 - 34
TL321CL	♦TII	37 - 99
TL321IL	♦TII	36 - 63
TL321ML	♦TII	36 - 64
TL326CJ	♦TII	51 - 33
TL326CN	♦TII	51 - 34
TL326IJ	♦TII	51 - 37
TL326IN	♦TII	51 - 38
TL326MJ	♦TII	51 - 32
TL331CL	♦TII	83 -109
TL331IL	♦TII	83 -107
TL331ML	♦TII	83 -108
TL431CLA	♦TII	59 - 33
TL431ILA	♦TII	59 - 34
TL431MLA	♦TII	59 - 35
TL497AIJ	♦TII	62 - 64
TL497AIN	♦TII	62 - 65
TL497CJ	♦TII	none
Repl.by TL497ACJ Cur.		
TL497CN	♦TII	none
Repl.by TL497ACN Cur.		
TL497IJ	♦TII	none
Repl.by TL497AIJ Cur.		

TYPE No.	MFRS	Pg&Line
TL497IN	♦TII	none
Repl.by TL497AIN Cur.		
TL497MJ	♦TII	none
Repl.by TL497AMJ Cur.		
TL506MW	TII	86 - 51
TL510CL	TII	84 - 63
TL510CU	TII	84 - 64
TL510ML	TII	84 - 40
TL702CL	TII	44 - 92
TL702ML	TII	44 - 87
TL710CL	TII	85 - 88
TL710ML	TII	85 - 85
TL711CL	TII	87 - 45
TL810CL	TII	84 - 65
TL810ML	TII	84 - 41
TL811CL	TII	86 - 57
TL811ML	TII	86 - 35
TL1702A	♦ALGG	44 - 38
TL1702C	♦ALGG	44 - 63
TL1709	ALGG	42 - 19
TL1709C	ALGG	43 - 48
TL1710	♦ALGG	85 - 9
TL1710C	♦ALGG	84 - 69
TL1711C	♦ALGG	86 - 62
TL1723	ALGG	61 - 58
TL1723C	ALGG	61 - 59
TL1741	ALGG	37 -103
TL1741C	ALGG	40 - 2
TL2702A	ALGG	44 - 39
TL2702C	ALGG	44 - 64
TL2709	ALGG	42 - 20
TL2709C	ALGG	43 - 49
TL2711C	ALGG	86 - 63
TL2741	ALGG	37 -104
TL2741C	ALGG	40 - 3
TL3709C	ALGG	43 - 50
TL3710C	ALGG	84 - 70
TL3723C	ALGG	61 - 60
TL3741	ALGG	37 -105
TL3741C	ALGG	40 - 4
TL7805ACKC	TII	53 - 82
TLB3101	♦SIEG	62 -102
TLB3102	♦SIEG	62 -103
TLB3103	♦SIEG	62 -104
TLB3104	♦SIEG	62 -105
TLC25LACD	none	45 - 20
TLC25LBCD	none	45 - 19
TLC25N2ACD	none	45 - 22
TLC25N2BCD	none	45 - 21
TLC25N2CD	none	45 - 23
TMC400-02	MEP	72 - 52
TO200	RTN	73 - 14
TOA101AE	♦TEC	34 - 35
TOA107E	♦TEC	34 - 22
TOA118E	♦TEC	38 - 85
TOA201AE	♦TEC	34 - 36
TOA207E	♦TEC	34 - 23
TOA218E	♦TEC	38 - 86
TOA301AE	♦TEC	36 - 99
TOA307E	♦TEC	36 - 94
TOA318E	♦TEC	40 -104
TOA1709	♦TEC	42 - 21
TOA1709P	TEC	none
Repl.by TOA1709J Cur.		
TOA1740V	♦TEC	25 -110
TOA1741	TEC	42 - 22
TOA1741W	♦TEC	42 - 33
TOA1741WF	TEC	42 - 34
TOA1741WP	TEC	42 - 35
TOA1747F	♦TEC	49 - 25
TOA1809P	TEC	none
Repl.by TOA1809J Cur.		
TOA2709	♦TEC	43 - 51
TOA2709E	TEC	43 - 30
TOA2709P	TEC	none
Repl.by TOA2709J Cur.		
TOA2740V	♦TEC	26 - 88
TOA2741	TEC	40 - 11
TOA2741E	TEC	40 - 5
TOA2741W	♦TEC	40 - 19
TOA2741WE	TEC	45 - 7
TOA2741WF	TEC	40 - 20
TOA2741WP	TEC	40 - 21
TOA2747E	♦TEC	40 - 12
TOA2748E	TEC	40 - 22
TOA2809E	TEC	43 - 52
TOA2809P	TEC	none
Repl.by TOA2809J Cur.		
TOA3709	♦TEC	42 - 23
TOA3709E	TEC	41 -102
TOA3709P	TEC	none
Repl.by TOA3709J Cur.		
TOA4709	♦TEC	39 - 17
TOA4709P	TEC	none
Repl.by TOA4709J Cur.		
TOA6809	TEC	30 - 71
TOA6809F	TEC	30 - 72
TOA6809P	TEC	30 - 73
TOA7709	♦TEC	32 -105
TOA7709F	TEC	32 -106
TOA7709J	TEC	32 -107
TOA7709P	TEC	none
Repl.by TOA7709J Obs.		
TOA7741	TEC	32 -108
TOA7741W	♦TEC	33 - 11
TOA7741WF	♦TEC	33 - 12
TOA7741WP	♦TEC	33 - 13
TOA7809	♦TEC	29 - 77
TOA7809F	♦TEC	29 - 78
TOA7809J	TEC	29 - 79
TOA7809P	TEC	none
Repl.by TOA7809J Obs.		
TOA8709	♦TEC	33 - 8
TOA8709E	♦TEC	32 - 96

TYPE No.	MFRS	Pg&Line
TOA8709F	♦TEC	33 - 9
TOA8709J	TEC	33 - 10
TOA8709P	TEC	none
Repl.by TOA8709J Obs.		
TOA8741	TEC	33 - 5
TOA8741E	TEC	32 - 95
TOA8741W	♦TEC	33 - 14
TOA8741WE	♦TEC	32 - 97
TOA8741WF	♦TEC	33 - 15
TOA8741WP	♦TEC	33 - 16
TOA8748E	TEC	33 - 6
TOA8809	♦TEC	30 - 74
TOA8809E	♦TEC	30 - 65
TOA8809F	♦TEC	30 - 75
TOA8809J	TEC	30 - 76
TOA8809P	TEC	none
Repl.by TOA8809J Obs.		
TPQ2369	SPR	75 - 6
TRI741I	MIS	40 - 61
TRI741II	MIS	49 - 38
TRI741III	MIS	49 - 39
TRW74121	TRW	71 - 8
TSQ1421D/B	♦TSI	76 - 98
TSQ1421D/C	♦TSI	76 - 93
TSQ1421F/B	♦TSI	76 - 94
TSQ1422D/B	♦TSI	76 - 95
TSQ1422D/C	♦TSI	76 - 96
TSQ1422F/B	♦TSI	76 - 97
TSQ1423D/B	♦TSI	76 - 86
TSQ1423D/C	♦TSI	76 - 87
TSQ1423F/B	♦TSI	76 - 88
TSQ1424D/B	♦TSI	76 - 89
TSQ1424D/C	♦TSI	76 - 90
TSQ1424F/B	♦TSI	76 - 91
TT590I	♦DTL	66 - 42
TT590J	♦DTL	66 - 43
TT590K	♦DTL	66 - 44
TT590L	♦DTL	66 - 45
TT590M	♦DTL	66 - 46
TVR2002	♦TEC	56 - 98
TVR2723E	TEC	59 - 81
TZ2001	GIC	70 - 39
TZ2002	GIC	70 - 40
uA78C05U1C	FSC	53 - 20
uA78C06U1C	FSC	54 - 14
uA78C08U1C	FSC	55 - 4
uA78C10U1C	FSC	55 - 85
uA78C12U1C	FSC	56 - 34
uA78C15U1C	FSC	56 -110
uA78C17U1C	FSC	57 - 49
uA78C18U1C	FSC	57 - 73
uA78C20U1C	FSC	58 - 30
uA78C22U1C	FSC	58 - 41
uA78C24U1C	FSC	58 - 77
uA78C82U1C	FSC	55 - 41
uA78CBKC	♦FSC	56 - 63
uA78CBUC	FSC	56 - 64
uA78CGU1C	FSC	57 -109
uA78L05AHC	FSC	59 - 65
uA78L05AWV	FSC	59 - 66
uA78L05HC	FSC	59 - 60
uA78L05HM	FSC	59 - 61
uA78L09AHC	♦FSC	59 -110
uA78L09AWV	♦FSC	60 - 1
uA78L09HC	FSC	59 -109
uA78L12AHC	FSC	60 - 20
uA78L12AWV	FSC	60 - 17
uA78L12HM	FSC	60 - 14
uA78L15AHC	FSC	60 - 60
uA78L15AWV	FSC	60 - 61
uA78L15HM	FSC	60 - 49
uA78L18AHC	♦FSC	60 -108
uA78L18AWC	♦FSC	60 -109
uA78L18AWV	♦FSC	60 -110
uA78L20AHC	FSC	61 - 78
uA78L20AWC	FSC	61 - 79
uA78L20AWV	FSC	61 - 80
uA78L24AHC	♦FSC	62 - 12
uA78L24AWC	♦FSC	62 - 13
uA78L24AWV	♦FSC	62 - 14
uA78L26AHC	♦FSC	59 - 57
uA78L26AWC	♦FSC	59 - 58
uA78L26AWV	♦FSC	59 - 59
uA78L26HC	FSC	59 - 54
uA78L26HM	FSC	59 - 55
uA78L62AHC	FSC	59 -105
uA78L62AWV	FSC	59 -106
uA78L62HC	FSC	59 -102
uA78L62HM	FSC	59 -103
uA78L82AHC	FSC	59 -107
uA78L82AWV	FSC	59 -108
uA78M05UV	FSC	53 - 27
uA78M05U1C	FSC	53 - 28
uA78M06UV	FSC	54 - 18
uA78M06U1C	FSC	54 - 19
uA78M08UV	FSC	54 - 92
uA78M08U1C	FSC	54 - 93
uA78M12RM	FSC	56 - 6
uA78M12UV	FSC	56 - 7
uA78M12U1C	FSC	56 - 8
uA78M15U1C	FSC	56 - 79
uA78M20HC	FSC	58 - 24
uA78M20HM	FSC	58 - 25
uA78M20UC	FSC	58 - 26
uA78M20UV	FSC	58 - 19
uA78M20U1C	FSC	58 - 20
uA78M24HM	FSC	58 - 70
uA78M24U1C	FSC	58 - 48
uA79GU1C	FSC	57 - 46
uA79M05UC	♦FSC	59 - 27
uA79M05U1C	FSC	53 - 26
uA79M06AHC	FSC	54 - 36
uA79M06AUC	FSC	54 - 37
uA79M06HM	FSC	54 - 38

♦-Mfr's data sheet available in microfilm service

Cur-In current D.A.T.A.BOOK Obs-In this book

△-Registered with JEDEC by this manufacturer

TYPE No.	MFRS	Pg&Line
uA79M06UC	♦FSC	54 - 46
uA79M06U1C	FSC	54 - 17
uA79M08UC	♦FSC	55 - 5
uA79M08U1C	FSC	54 - 91
uA79M12AUV	FSC	56 - 9
uA79M12UC	♦FSC	56 - 39
uA79M12U1C	FSC	56 - 2
uA79M15UC	♦FSC	57 - 5
uA79M15U1C	FSC	56 - 75
uA79M20AHC	FSC	58 - 27
uA79M20AUC	FSC	58 - 28
uA79M20HM	FSC	58 - 29
uA79M20UC	♦FSC	58 - 33
uA79M20U1C	FSC	58 - 14
uA79M24AHC	FSC	58 - 71
uA79M24AUC	FSC	58 - 72
uA79M24HM	FSC	58 - 73
uA79M24UC	♦FSC	58 - 80
uA79M24U1C	FSC	58 - 47
uA79MGHC	♦FSC	60 - 73
uA101ADM	FSC	47 - 6
uA101DM	FSC	48 - 87
uA101FM	♦FSC	48 - 88
uA104HM	♦FSC	58 - 16
uA108-3F	FSC	27 - 90
uA108-6A	FSC	27 - 91
uA108A-3F	FSC	27 - 82
uA108A-6A	FSC	27 - 83
uA108ADM	FSC	27 - 21
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uA108DM	FSC	27 - 56
uA109BN	FSC	53 - 21
uA111DM	FSC	83 - 45
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uA208-3F	FSC	27 - 92
uA208-6A	FSC	27 - 93
uA208A-3F	FSC	27 - 84
uA208A-6A	FSC	27 - 85
uA208ADM	FSC	27 - 23
uA208AFM	FSC	27 - 24
uA208DM	FSC	27 - 57
uA208FM	FSC	27 - 58
uA209BN	FSC	53 - 22
uA209KM	♦FSC	53 - 83
uA217UV	♦FSC	61 - 77
uA224DM	♦FSC	49 -109
uA248JC	FSC	50 - 67
uA248NC	FSC	50 - 68
uA248PC	♦FSC	49 - 95
uA249DC	FSC	50 - 83
uA249JC	FSC	50 - 84
uA249NC	FSC	50 - 85
uA249PC	FSC	49 -100
uA293ARC	♦FSC	86 - 5
uA293ATC	♦FSC	86 - 6
uA293RC	♦FSC	86 - 9
uA293TC	♦FSC	86 - 10
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uA307TC	FSC	36 - 88
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uA308DC	FSC	29 - 29
uA308HM	FSC	28 - 67
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uA348NC	FSC	50 - 31
uA349DC	FSC	50 - 35
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uA393RC	♦FSC	86 - 11
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uA702DM	FSC	44 - 35
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uA702HC	FSC	44 - 61
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uA709DM	FSC	41 - 82
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uA709PC	♦FSC	41 - 83
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uA710	♦SELI	83 - 33
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uA710CL	TII	84 - 48
uA710CP	TII	84 - 49
uA710PC☒	TUNH	84 - 50
uA711	♦SELI	83 - 38
uA711B-3F	♦FSC	87 - 38
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uA711DC	♦FSC	86 -104
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uA711PC	♦FSC	86 -105
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uA799RM	♦FSC	37 - 13
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uAF311HC	♦FSC	83 - 20
uAF311T	♦FSC	83 - 15
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uAF355HC	♦FSC	28 - 81
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uAF356HC	♦FSC	28 - 96
uAF356TC	♦FSC	28 - 97
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uAF772DC	♦FSC	45 -106
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U248A	SIX	none
Repl.by 2N5906	Cur.	
U249	SIX	none
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U249A	SIX	none
Repl.by 2N5907	Cur.	
U250	♦SIX	none
Repl.by 2N5904	Cur.	
U250A	SIX	none
Repl.by 2N5908	Cur.	
U251	INL	none
	♦SIX	
Repl.by 2N5905	Cur.	
U251A	SIX	none
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VA3026	VAD	17 - 4
VR401	QUM	56 - 76
VR1030	TRA	53 - 14
VR1050	TRA	53 - 56
VR1060	TRA	54 - 43
VR1090	TRA	55 - 58
VR1120	TRA	56 - 31
VR1150	♦TRA	56 -103
VR1180	♦TRA	59 - 87
VR1200	♦TRA	59 - 88
VR1240	♦TRA	58 - 65
VR1270	♦TRA	59 - 10
VR1320	♦TRA	59 - 19
VR1360	♦TRA	59 - 23
VR2180	TRA	59 - 89
VR2200	TRA	60 - 66
VR2240	TRA	58 - 76
VR2270	TRA	59 - 11
VR2320	TRA	59 - 20
VR2360	TRA	59 - 24
VR8069AC	♦DTL	88 - 64
VR8069BC	♦DTL	88 - 65
VR8069CC	♦DTL	88 - 66
VR8069CM	♦DTL	88 - 67
VR8069DC	♦DTL	88 - 68
VR8069DM	♦DTL	88 - 69
VRN12	♦GIC	60 - 29
VRN24	♦GIC	62 - 23
VRP12	♦GIC	60 - 30
VRP24	♦GIC	62 - 24
WC101T	WESY	36 - 38
WC109T	♦LTIC	60 - 7
WC115T	♦LTIC	17 - 34
WC330R	WESY	56 - 62
WC1146	none	18 - 69
WC1709	♦WESC	43 - 53
WC1709T	WESY	36 -106
WG8038BC	♦DTL	20 - 77
WG8038BM	♦DTL	20 - 78
WG8038CC	♦DTL	20 - 79
WJA1	♦WJC	90 - 79
WJA3	♦WJC	90 - 71
WJA4	♦WJC	90 - 72
WJA5	♦WJC	90 - 73
WJA5-5	♦WJC	90 - 74
WJA5-6	♦WJC	90 - 86
WJA6	♦WJC	90 - 75
WJA7	♦WJC	90 - 76
WJA8	♦WJC	90 - 77
WJA9	♦WJC	90 - 68
WJA11	♦WJC	90 - 93
WJA11-1	♦WJC	90 - 88
WJA11-2	♦WJC	90 - 96
WJA13	♦WJC	90 - 94
WJA15	♦WJC	90 - 95
WJA17	WJC	90 -103
WJA18	♦WJC	90 - 90
WJA19	♦WJC	90 -101
WJA23	♦WJC	90 -108
WJA24	♦WJC	90 -109
WJA25	♦WJC	90 -107
WJA27	♦WJC	91 - 1
WJA28	♦WJC	91 - 2
WJA29#1	♦WJC	90 -110
WJA29#2	♦WJC	90 -105
WJA31	♦WJC	91 - 7
WJA33	♦WJC	91 - 6
WJA34	♦WJC	91 - 8
WJA34-1	♦WJC	91 - 10
WJA35	WJC	91 - 4
WJA37	♦WJC	91 - 5
WJA51	♦WJC	90 - 53
WJA53	♦WJC	90 - 64
WJA54	♦WJC	90 - 55
WJA55	♦WJC	90 - 65
WJA56	♦WJC	90 - 54
WJA57	♦WJC	90 - 66
WJA58	♦WJC	90 - 69
WJA59	♦WJC	90 - 70
WJA59-1	♦WJC	90 - 89
WJA63	♦WJC	90 - 97
WJA64	♦WJC	90 -106
WJA65	♦WJC	90 -102
WJA71	♦WJC	90 - 33
WJA72	♦WJC	90 - 78
WJA73	♦WJC	90 - 85
WJA74	♦WJC	90 - 84
WJA74-1	♦WJC	90 - 38
WJA74-2	♦WJC	90 - 82
WJA75	♦WJC	90 - 81
WJA75-1	WJC	90 - 36
WJA75-2	♦WJC	90 - 37
WJA75-3	♦WJC	90 - 67
WJA76	♦WJC	90 - 83
WJA77	♦WJC	90 - 80
WJA77-1	♦WJC	90 - 87
WJA79	♦WJC	90 - 35
WJEA2	♦WJC	90 - 51
WJEA5	♦WJC	90 - 52
WJG1	♦WJC	91 - 3
WJL1	♦WJC	90 -104
WJLG1	WJC	90 -100
WJM2B	WJC	69 - 67
WJM2H	WJC	69 - 68
WJPA1	♦WJC	90 - 20
WJPA2	♦WJC	90 - 21
WM101T	WESY	35 - 5
WM306Q	♦WESC	44 -106
WM330R	♦WESC	62 - 10
	WESY	
WM741T	WESY	35 - 78
WM1146Q	♦LTIC	18 - 72
		90 - 5
WM1709	WESC	42 - 24
WM1709Q	WESY	35 - 83
WM1709T	WESY	35 - 84
WS840Q	WESY	72 - 42
WS841Q	WESY	72 - 63
XC3422P	MOTA	62 - 88
XC3422R	MOTA	62 - 89
XR555CT#2	EXR	72 - 97
XR555MT#2	EXR	72 - 98
XR567N	♦EXR	52 - 10
XR742CN	♦EXR	63 - 1
XR742CP	♦EXR	63 - 2
XR1468CP	EXR	60 - 57
XR2250CN#1	♦EXR	72 - 99
XR2250CP#1	♦EXR	72 -100
XR2250M#1	♦EXR	72 -101
XR2250N#1	♦EXR	72 -102
XR2250P#1	♦EXR	72 -103
XR2261CP	♦EXR	22 - 26
XR2307	none	52 - 22
XR4151CT#1	EXR	52 - 49
XR4151CT#2	EXR	52 - 50
XR4151MT#1	EXR	52 - 51
XR4151MT#2	EXR	52 - 52
XR4151T#1	EXR	52 - 53
XR4151T#2	EXR	52 - 54
XR4194CK	EXR	60 - 72
XR4195CT	EXR	60 - 58
XR4195MK	EXR	60 - 62
ZA801T1	ZEL	17 - 82
ZBA1	♦FERB	16 - 9
ZDT11	♦FERB	77 - 28
ZDT20	♦FERB	79 - 85
ZDT21	♦FERB	77 - 29
ZLA1A	♦FERB	18 - 35
ZLA10	♦FERB	19 - 49
ZLA30	♦FERB	65 - 19
ZLA151T	none	18 - 67
ZLD2S	♦FERB	43 -109
ZLD2T	♦FERB	43 -110
ZLD2U	♦FERB	44 - 15
ZN401T	♦FERB	55 - 51
ZN402E	♦FERB	51 - 41
ZN402T	♦FERB	51 - 42
ZN456J	♦FERB	20 - 94
ZSP6	♦FERB	16 - 40
ZSP7	♦FERB	16 - 41
ZTK33DPD	♦ITTG	89 - 5
ZZZZ0201A	XXX	16 - 1
ZZZZ0201B	XXX	16 - 2
ZZZZ0201C	XXX	16 - 3
ZZZZ0202A	XXX	16 - 76
ZZZZ0202B	XXX	16 - 77
ZZZZ0202C	XXX	16 - 78
ZZZZ0203A	XXX	17 -109
ZZZZ0203B	XXX	17 -110
ZZZZ0203C	XXX	18 - 1
ZZZZ0204A	XXX	18 - 12
ZZZZ0204B	XXX	18 - 13
ZZZZ0204C	XXX	18 - 14
ZZZZ0301DA	XXX	20 - 1
ZZZZ0301DB	XXX	20 - 2
ZZZZ0301DC	XXX	20 - 3
ZZZZ0302DA	XXX	20 - 49
ZZZZ0302DB	XXX	20 - 50
ZZZZ0302DC	XXX	20 - 51
ZZZZ0303DA	XXX	20 - 59
ZZZZ0303DB	XXX	20 - 60
ZZZZ0303DC	XXX	20 - 61
ZZZZ0304DA	XXX	20 - 66
ZZZZ0304DB	XXX	20 - 67
ZZZZ0304DC	XXX	20 - 68
ZZZZ0305DA	XXX	20 - 84
ZZZZ0305DB	XXX	20 - 85
ZZZZ0305DC	XXX	20 - 86
ZZZZ0306DA	XXX	20 -108
ZZZZ0306DB	XXX	20 -109
ZZZZ0306DC	XXX	20 -110
ZZZZ0307DA	XXX	21 - 2
ZZZZ0307DB	XXX	21 - 3
ZZZZ0307DC	XXX	21 - 4
ZZZZ0401DA	XXX	22 - 1
ZZZZ0401DB	XXX	22 - 2
ZZZZ0401DC	XXX	22 - 3
ZZZZ0402DA	XXX	22 - 22
ZZZZ0402DB	XXX	22 - 23
ZZZZ0402DC	XXX	22 - 24
ZZZZ0403DA	XXX	22 - 27
ZZZZ0403DB	XXX	22 - 28
ZZZZ0403DC	XXX	22 - 29
ZZZZ0501DA	XXX	23 - 1
ZZZZ0501DB	XXX	23 - 2
ZZZZ0501DC	XXX	23 - 3
ZZZZ0502DA	XXX	45 - 9
ZZZZ0502DB	XXX	45 - 10
ZZZZ0502DC	XXX	45 - 11
ZZZZ0503DA	XXX	49 - 27
ZZZZ0503DB	XXX	49 - 28
ZZZZ0503DC	XXX	49 - 29
ZZZZ0504DA	XXX	49 - 47
ZZZZ0504DB	XXX	49 - 48
ZZZZ0504DC	XXX	49 - 49
ZZZZ0505DA	XXX	50 -103
ZZZZ0505DB	XXX	50 -104
ZZZZ0505DC	XXX	50 -105
ZZZZ0601DA	XXX	52 - 1
ZZZZ0601DB	XXX	52 - 2
ZZZZ0601DC	XXX	52 - 3
ZZZZ0602DA	XXX	52 - 7
ZZZZ0602DB	XXX	52 - 8
ZZZZ0602DC	XXX	52 - 9
ZZZZ0603DA	XXX	52 - 14
ZZZZ0603DB	XXX	52 - 15
ZZZZ0603DC	XXX	52 - 16
ZZZZ0604DA	XXX	52 - 25
ZZZZ0604DB	XXX	52 - 26
ZZZZ0604DC	XXX	52 - 27
ZZZZ0701DA	XXX	53 - 1
ZZZZ0701DB	XXX	53 - 2
ZZZZ0701DC	XXX	53 - 3
ZZZZ0702DA	XXX	59 - 30
ZZZZ0702DB	XXX	59 - 31
ZZZZ0702DC	XXX	59 - 32
ZZZZ0703DA	XXX	62 - 30
ZZZZ0703DB	XXX	62 - 31
ZZZZ0703DC	XXX	62 - 32
ZZZZ0704DA	XXX	62 - 66
ZZZZ0704DB	XXX	62 - 67
ZZZZ0704DC	XXX	62 - 68
ZZZZ0705DA	XXX	62 - 93
ZZZZ0705DB	XXX	62 - 94
ZZZZ0705DC	XXX	62 - 95
ZZZZ0801DA	XXX	64 - 1
ZZZZ0801DB	XXX	64 - 2
ZZZZ0801DC	XXX	64 - 3
ZZZZ0901DA	XXX	66 - 1
ZZZZ0901DB	XXX	66 - 2
ZZZZ0901DC	XXX	66 - 3
ZZZZ0902DA	XXX	66 - 21
ZZZZ0902DB	XXX	66 - 22
ZZZZ0902DC	XXX	66 - 23
ZZZZ0903DA	XXX	66 - 26
ZZZZ0903DB	XXX	66 - 27
ZZZZ0903DC	XXX	66 - 28
ZZZZ0904DA	XXX	66 - 39
ZZZZ0904DB	XXX	66 - 40
ZZZZ0904DC	XXX	66 - 41
ZZZZ0905DA	XXX	66 - 52
ZZZZ0905DB	XXX	66 - 53
ZZZZ0905DC	XXX	66 - 54
ZZZZ1001DA	XXX	67 - 1
ZZZZ1001DB	XXX	67 - 2
ZZZZ1001DC	XXX	67 - 3
ZZZZ1002DA	XXX	67 - 5
ZZZZ1002DB	XXX	67 - 6
ZZZZ1002DC	XXX	67 - 7
ZZZZ1101DA	XXX	68 - 1
ZZZZ1101DB	XXX	68 - 2
ZZZZ1101DC	XXX	68 - 3
ZZZZ1102DA	XXX	68 - 43
ZZZZ1102DB	XXX	68 - 44
ZZZZ1102DC	XXX	68 - 45
ZZZZ1103DA	XXX	68 - 80
ZZZZ1103DB	XXX	68 - 81
ZZZZ1103DC	XXX	68 - 82
ZZZZ1104DA	XXX	68 - 86
ZZZZ1104DB	XXX	68 - 87
ZZZZ1104DC	XXX	68 - 88
ZZZZ1105DA	XXX	68 - 98
ZZZZ1105DB	XXX	68 - 99
ZZZZ1105DC	XXX	68 -100
ZZZZ1106DA	XXX	69 - 47
ZZZZ1106DB	XXX	69 - 48
ZZZZ1106DC	XXX	69 - 49
ZZZZ1107DA	XXX	69 - 58
ZZZZ1107DB	XXX	69 - 59
ZZZZ1107DC	XXX	69 - 60
ZZZZ1108DA	XXX	69 - 71
ZZZZ1108DB	XXX	69 - 72
ZZZZ1108DC	XXX	69 - 73
ZZZZ1109DA	XXX	69 - 80
ZZZZ1109DB	XXX	69 - 81
ZZZZ1109DC	XXX	69 - 82
ZZZZ1110DA	XXX	69 - 85
ZZZZ1110DB	XXX	69 - 86
ZZZZ1110DC	XXX	69 - 87
ZZZZ1111DA	XXX	69 - 90
ZZZZ1111DB	XXX	69 - 91
ZZZZ1111DC	XXX	69 - 92
ZZZZ1112DA	XXX	70 - 2
ZZZZ1112DB	XXX	70 - 3
ZZZZ1112DC	XXX	70 - 4
ZZZZ1113DA	XXX	70 - 63
ZZZZ1113DB	XXX	70 - 64
ZZZZ1113DC	XXX	70 - 65
ZZZZ1114DA	XXX	70 - 70
ZZZZ1114DB	XXX	70 - 71
ZZZZ1114DC	XXX	70 - 72
ZZZZ1201DA	XXX	71 - 1
ZZZZ1201DB	XXX	71 - 2
ZZZZ1201DC	XXX	71 - 3
ZZZZ1301DA	XXX	74 - 1
ZZZZ1301DB	XXX	74 - 2
ZZZZ1301DC	XXX	74 - 3
ZZZZ1302DA	XXX	74 - 6
ZZZZ1302DB	XXX	74 - 7
ZZZZ1302DC	XXX	74 - 8
ZZZZ1303DA	XXX	74 - 16
ZZZZ1303DB	XXX	74 - 17
ZZZZ1303DC	XXX	74 - 18
ZZZZ1304DA	XXX	74 - 31
ZZZZ1304DB	XXX	74 - 32
ZZZZ1304DC	XXX	74 - 33
ZZZZ1305DA	XXX	74 - 39
ZZZZ1305DB	XXX	74 - 40
ZZZZ1305DC	XXX	74 - 41
ZZZZ1306DA	XXX	74 - 45
ZZZZ1306DB	XXX	74 - 46
ZZZZ1306DC	XXX	74 - 47
ZZZZ1307DA	XXX	77 - 4
ZZZZ1307DB	XXX	77 - 5
ZZZZ1307DC	XXX	77 - 6
ZZZZ1401DA	XXX	83 - 1
ZZZZ1401DB	XXX	83 - 2
ZZZZ1401DC	XXX	83 - 3
ZZZZ1402DA	XXX	85 -104
ZZZZ1402DB	XXX	85 -105
ZZZZ1402DC	XXX	85 -106
ZZZZ1403DA	XXX	87 - 46
ZZZZ1403DB	XXX	87 - 47
ZZZZ1403DC	XXX	87 - 48
ZZZZ1404DA	XXX	87 - 97
ZZZZ1404DB	XXX	87 - 98
ZZZZ1404DC	XXX	87 - 99
ZZZZ1501DA	XXX	88 - 1
ZZZZ1501DB	XXX	88 - 2
ZZZZ1501DC	XXX	88 - 3
ZZZZ1502DA	XXX	89 - 6
ZZZZ1502DB	XXX	89 - 7
ZZZZ1502DC	XXX	89 - 8
ZZZZ1601DA	XXX	90 - 1
ZZZZ1601DB	XXX	90 - 2
ZZZZ1601DC	XXX	90 - 3

♦-Mfr's data sheet available in microfilm service

Cur-In current D.A.T.A.BOOK Obs-In this book

Δ-Registered with JEDEC by this manufacturer

BUFFER/VOLTAGE FOLLOWER

LINE No.	[4] TYPE NUMBER	[1] 3dB BW MIN (Hz)	[2] I BIAS MAX (A)	[3] V GAIN MIN (dB)	INPUT CHARACTERISTICS @ 25°C VIO MAX (V)	IIO MAX (A)	CM RNGE MIN (ΔV)	Z MIN (Ω)	MIN. OUTPUT CHAR @ 25°C SLEW RATE (V/us)	V P-P (ΔV)	PWR SUP @ 25°C TOTAL VOLT (V)	PD MAX (W)	TEMP CODE -+	DRAWINGS CIRCUIT	OUTLINE
4	LA302						30	1.0G		20	30	165m	07		CN7
5♦	SH720				1.0m		20	100M†		20	48	3.2			
6♦	SH725				1.0m		22	80M†		20	48	4.8			
7♦	T100NYFC							200M			1.3	180m	28	1T00FX	TO72
8♦	T300NYFA							200M			1.3	180m	28	1T00FX	TO72
9▼	ZBA1										20.0	350m	5F	0LM01ZX	TO78
10♦	8106			0.0			1.2	12M			30	240m			CN20c
11♦	9690			0.0			22	1.0M		20 †	30	1.2	27		
12♦	9691			0.0			22	1.0M		20 †	30	2.2	27		
13♦	9746			0.0			20	100G		20	30	300m	5A		CN87a
14♦	9905			0.0			20	100G		20	30	240m	6C		8-8
15♦	AMLM210			0.0				10G		20	30	165m	28		TO99
16♦	AMLM210D			0.0				10G		20	30	165m	28		DL14m
17♦	AMLM310			0.0				10G		20	30	165m	07		TO99
18♦	AMLM310D			0.0				10G		20	30	165m	07		DL14m
19♦	BA720			0.0			20	100M†		20	48	1.9			
20♦	BUF02AJ			0.0			10 ±	100G	170m		15 ±	500m	2C		TO99
21♦	BUF02AZ			0.0			10 ±	1.0T†			15 ±	500m	2C		DL8ba
22♦	BUF02BJ			0.0			10 ±	100G			15 ±	500m	2C		TO99
23♦	BUF02BZ			0.0			10 ±	1.0T†			15 ±	500m	2C		DL8ba
24♦	BUF02EJ			0.0			10 ±	100G			15 ±	500m	07		TO99
25♦	BUF02EZ			0.0			10 ±	1.0T†			15 ±	500m	07		DL8ba
26♦	BUF02FJ			0.0			10 ±	100G			15 ±	500m	07		TO99
27♦	BUF02FZ			0.0			10 ±	1.0T†			15 ±	500m	07		DL8ba
28♦	CTS0033			0.0			40	100G			15 ±	1.5	5C		CN102
29♦	HA2-2000			0.0			20	1.0T†		20	15 ±	51m	5C		TO99
30♦	HA2-2000A			0.0			20	1.0T†		20	15 ±	51m	5C		TO99
31♦	HA2-2005			0.0			20	1.0T†		20	15 ±	51m	07		TO99
32♦	HA2-2005A			0.0			20	1.0T†		20	15 ±	51m	07		TO99
33♦	HIC037			0.0				180k		20	15 ±	240m	5C		CN1m
34♦	HZ305CD			0.0			24	1.0M		24	30	300m	07		DL14☑
35♦	LA102H			0.0			30	10G		20	30	165m	5C		CN1c
36♦	LA202H			0.0			30	10G		20	30	165m	28		CN1c
37♦	LA302H			0.0			30	1.0G		20	30	165m	07		CN1c
38♦	RC102T			0.0						10 ±	18.0 ±	120m	07	1LM02HX	TO99
39♦	TAA320A			0.0							20.0	150m		3LM20AX	TO18
40♦	ZSP6			0.0							4.0	40.0m	4C	0LM06ZX	CN23
41♦	ZSP7			0.0							4.0	40.0m	4C	0LM07ZX	CN23
42	LM110F883		3.0n	999m	4.0m	10.0n					18.0 ±	500m			
43♦	BUF01AJ		7.0n	0.0			10 ±	100G†	170m	22	15 ±	120m	5C		TO99
44♦	BUF01AZ		7.0n	0.0			10 ±	1.0T†	170m		15 ±	120m	5C		
45♦	BUF01AZ#mil		7.0n	0.0			10 ±	1.0	170m		15 ±	120m	5C		
46♦	BUF01BJ		7.0n	0.0			10 ±	100G†	170m	22	15 ±	150m	5C		TO99
47♦	BUF01BZ		7.0n	0.0			10 ±	1.0T†	170m		15 ±	150m	5C		
48♦	BUF01BZ#mil		7.0n	0.0			10 ±	1.0	170m		15 ±	150m	5C		
49♦	BUF01EJ		7.0n	0.0			10 ±	100G†	170m	22	15 ±	120m	07		TO99
50♦	BUF01EZ		7.0n	0.0			10 ±	1.0T†	170m		15 ±	120m	07		
51♦	BUF01FJ		7.0n	0.0			10 ±	100G†	170m	22	15 ±	150m	07		TO99
52♦	BUF01FZ		7.0n	0.0			10 ±	1.0	170m		15 ±	150m	07		
53♦	MT102	10M	50n	3.0m-			12 ±	10G	10	10 ±	15 ±	120m	5C		1LM02HX
54♦	MT102-883	10M	50n	3.0m-			12 ±		10	10 ±	15 ±	165m	5C		1LM02HX
55♦	MT202	10M	50n	3.0m-			12 ±	10G	10	10 ±	15 ±	165m	28		1LM02HX
56♦	MT302	10M	50n	3.0m-			12 ±	1.0G	10	10 ±	15 ±	165m	07		1LM02HX
57♦	RC102C	10M	50n	3.0m-			12 ±	1.0G†	10	10 ±	15 ±	150m	07		1LM02HX
58♦	RM102T	10M	50n	3.0m-			12 ±	1.0G†	10	10 ±	15 ±	120m	5C		1LM02HX
59♦	SFC2102	10M	50n	3.0m-			12 ±	100G	10	10 ±	15 ±	120m	5C		1LM02HX
60♦	NC260	20M		440m-			15	300k		16	12	150m	5C		CN17a
61♦	PC260	20M		440m-			15	300k		16	12	150m	5C		FP7a
62♦	AMLM110	20M	7.0m	8.6m-	6.0m		12.0 ±	10G	30	10 ±	15 ±	165m	5C		LM10HX
63♦	AMLM110D	20M	7.0m	8.6m-	6.0m		12.0 ±	10G	30	10 ±	15 ±	165m	5C		LM10NX
64♦	AMLM110F	20M	7.0m	8.6m-	6.0m		12.0 ±	10G	30	10 ±	15 ±	165m	5C		LM10FX
65♦	MLM110G	20M	7.0m	8.6m-	6.0m		12.0 ±	10G	30	10 ±	15 ±	198m	5C		LM10HX
66♦	MLM210G	20M	7.0m	8.6m-	6.0m		12.0 ±	10G	30	10 ±	15 ±	198m	28		LM10HX
67♦	MLM310G	20M	7.0m	8.6m-	6.0m		12.0 ±	10G	30	10 ±	15 ±	198m	07		LM10HX
68♦	MT110	20M	7.0m	8.6m-	6.0m		12.0 ±	10G	30	10 ±	15 ±	144m	5C		LM10HX
69♦	MT210	20M	7.0m	8.6m-	6.0m		12.0 ±	10G	30	10 ±	15 ±	144m	28		LM10HX
70♦	LM210D	20M	10M	0.0	4.0m		10 ±	10G	30	20	15 ±	198m	28		DL14bv
71♦	LM210F	20M	10M	0.0	4.0m		10 ±	10G	30	20	15 ±	198m	28		FP37
72♦	LM310F	20M	10M	0.0	4.0m		10 ±	10G	30	20	15 ±	198m	07		FP37
73♦	NC0002C	30M					24	180k		10 ±	12 ±	600m	07		CN1k
74♦	NC0002	30M		440m-			24	180k		10 ±	12 ±	600m	5C		CN1k
75♦	SH0002HC	30M		440m-			20 †	180k		19	24	240m	08		TO99

DIFFERENTIAL/INSTRUMENTATION AMPLIFIER

LINE No.	TYPE NUMBER	3dB BW MIN (Hz)	I BIAS MAX (A)	V GAIN MIN (dB)	VIO MAX (V)	IIO MAX (A)	CM RNGE MIN (ΔV)	Z MIN (Ω)	SLEW RATE (V/us)	V P-P (ΔV)	TOTAL VOLT (V)	PD MAX (W)	TEMP CODE -+	CIRCUIT	OUTLINE
79▼	391						20	10M†	4.0	20	230	6.0 †			
80	612A						20 †	10G		20	30	240m	28		DL24j
81	612B						20 †	10G		20	30	240m	28		DL24j
82	612C						20 †	10G		20	30	240m	28		DL24j
83	612D						20 †	10G		20	30	240m	28		DL24j
84	612E						20 †	10G		20	30	240m	28		DL24j
85▼	9000								500m	10	15.0		57		
86	AM542BMC							10T†		22	30		07		DL24Ø
87	AM542BMM							10T†		22	30		5C		DL24Ø
88	AM542BMR							10T†		22	30		28		DL24Ø
89	AM542CMC						22	10T†		22	30		07		DL24Ø
90	AM542CMM						22	10T†		22	30		5C		DL24Ø
91	AM542CMR						22	10T†		22	30		28		DL24Ø
92♦	AM7605C									9.9	10	500m	07		DL18Ø
93♦	AM7605M									9.9	10	500m	5C		DL18Ø
94♦	AM7605R									9.9	10	500m	28		DL18Ø
95♦	AM7606C									9.9	10	500m	07		DL18Ø
96♦	AM7606M									9.9	10	500m	5C		DL18Ø
97♦	AM7606R									9.9	10	500m	28		DL18Ø
98▼	AN915											450m	26	9LM15ZX	TO116
99	MFC8030			32 †	10m		10				±6		07	80LM30HX	8-2a
100♦	TAA242Δ			63	6.0m	3.0u	4.5	8.0k		10	±9	120m	5C	2LM42FX	TO91
101♦	LM321AD		25n	22	650u	1.0n	13 ±	2.0M			15 ±	88m	07	1LM21NX	DL14cc
102♦	LM321AF		25n	22	650u	1.0n	13 ±	2.0M			15 ±	88m	07	1LM21FX	FP37
103♦	LM321D		28n	22	2.5m	4.0n	13 ±	2.0M			15 ±	88m	07	1LM21NX	DL14cc
104♦	LM321F		28n	22	2.5m	4.0n	13 ±	2.0M			15 ±	88m	07	1LM21FX	FP37
105♦	LM121AD		30n	24	650u	1.0n	13 ±	4.0M			15 ±	60m	5C	1LM21NX	DL14cc
106♦	LM121AF		30n	24	650u	1.0n	13 ±	4.0M			15 ±	60m	5C	1LM21FX	FP37
107♦	LM121D		30n	24	1.0m	3.0n	13 ±	4.0M			15 ±	60m	5C	1LM21NX	DL14cc
108♦	LM121F		30n	24	1.0m	3.0n	13 ±	4.0M			15 ±	60m	5C	1LM21FX	FP37
109♦	LM221AD		30n	24	650u	1.0n	13 ±	4.0M			15 ±	60m	28	1LM21NX	DL14cc
110♦	LM221AF		30n	24	650u	1.0n	13 ±	4.0M			15 ±	60m	28	1LM21FX	FP37

2. AMPLIFIERS – Differential/Instrumentation Amplifier (cont'd)

IN ORDER OF (1) 3dB BW MIN (2) I BIAS MAX (3) V GAIN MIN (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] 3dB BW MIN (Hz)	[2] I BIAS MAX (A)	[3] V GAIN MIN (dB)	INPUT CHARACTERISTICS @ 25°C: VIO MAX (V)	IIO MAX (A)	CM RNGE MIN (ΔV)	Z MIN (Ω)	MIN. OUTPUT CHAR @ 25°C: SLEW RATE (V/us)	V P-P (ΔV)	PWR SUP @ 25°C: TOTAL VOLT (V)	PD MAX (W)	TEMP CODE -+	DRAWINGS: CIRCUIT	OUTLINE
1♦	LM221D		30n	24	1.0m	3.0n	13 ±	4.0M			15 ±	60m	28	1LM21NX	DL14cc
2♦	LM221F		30n	24	1.0m	3.0n	13 ±	4.0M			15 ±	60m	28	1LM21FX	FP37
3	CS100		2.0u		50m		5.0			3.1	3.2	64m	27	1LM00HX	FP47
4	VA3026		24u♦	32	5.0m	2.0u	5.0				±9	600m	5C	30LM26HX	MO006AG
5	CA3007		34u♦		5.0m†	5.0u	5.0	4.0k†			±6	30m†	5C	30CA07ZX	CN18
6	CA3004		40u♦		5.0m	5.0u	6.0 §	12k†			±6	26m†	5C	30CA04HX	CN18
7	CA3005H		40u♦		5.0m	1.4u†	6.0 §	1.4k†			±6	26m	5C	30LM05ZX	CH16
8♦	NE511R		40u		4.0m	9.0u					6.0 ±	180m	07	5NE11NX	FP13
9♦	SE511R		40u		3.5m	7.5u					6.0 ±	180m	5C	5NE11NX	FP13
10	LM3028AH		106u♦	30 †	5.0m	5.0u					±12	260m	5C	30LM28HX	CN1d
11	CA3028BF⌀		106u♦	42							±12	260m	5C	30LM28HX	DL8u
12	CA3053F		125u♦								±6	120m	5C	30LM28HX	DL8u
13♦	CA3053F⌀		125u♦								6.0 ±	120m	5C	30LM28HX	DL8u
14	CA3053S		125u♦								±6	120m	5C	30LM28HX	CN46
15	LM3053H		125u	30 †							±6	150m	5C	30LM28HX	CN1d
16	LM3053N		125u♦	30 †							±6	150m	07	30LM28HX	DL8ah
17	A280	200	25p♦	60				100M		4.0	±15	75m			
18	SN5511	3.0k†	10u†♦	70 †	1.0m†	600n†	5.2 †	5.0k		5.0 †	±6	180m†	5A	5LM11FX	TO89
19	AM435-1M	7.0k†	20p	60 †	15m	10p	20	2.0T†	1.0 †	20	±15	45m	5C	1LM52DX	16-36
20	AM435-1C	7.0k†	40p	60 †	30m	20p	20	2.0T†	1.0 †	20	±15	45m	07	1LM52DX	16-36
21♦	LF252D	7.0k†	3.0n	60	30m	600p	20	2.0T†	1.0u	18	±15	66m	28	1LM52DX	DL16bs
22♦	LF352D	7.0k†	3.0n	60	30m	600p	20	2.0T†	1.0u	18	±15	66m	07	1LM52DX	DL16bs
23♦	LF152D	7.0k†	20n	60	15m	2.0n	20	2.0T†	1.0u	18	±15	66m	5C	1LM52DX	DL16bs
24	SN725F	45k†	1.2u	80	7.5m	350n	6.0 †	140k†		12	±12	135m	07	5LM25FX	TO84
25	SN525F	45k†	1.5u	86	4.0m	550n	14 †	50k		18 †	±12	135m	5C	5LM25FX	TO84
26	SN723	60k	6.5u†♦	70 †	15m	4.0u	10 †	4.0k		20 †	±12	100m†	07	7LM23W	TO84
27	SN7231L	60k	6.5u†♦	70 †	15m	4.0u	10 †	4.0k		20 †	±12	100m†	07	2LM31LX	CN17c
28	SN5231L	70k	5.0u†♦	72	12m	2.0u	10 †	5.0k		24 †	±12	100m†	5C	2LM31LX	CN17c
29	SN523A	70k	5.0u†♦	78	12m	2.0u	10 †	5.0k		24 †	±12	100m	5C	7LM23WX	TO84
30	SN726F	120k†	600n♦	57	20m	200n	5.0 †	200k		9.0	±12	135m†	07	5LM26FX	TO89
31	SN526F	120k†	1.0u	58	20m	500n	14 †	350k		12 †	±12	190m	5C	5LM26FX	TO89
32	MB326	137k†	3.0u♦	66	30m	500n				5.0 †	6.0	9.0m†	5C	3LM26MX	TO78
33	TAA202	150k†		32	7.0m			300k		13 †	±9	26m†	5C	2TA02ZX	TO84
34	WC115T	150k	1.2u♦		10m	30n		75k		24	±9	33m	57	1LM15TX	CN1s
35	TAA201	150k	1.2u♦	32	10m	30n		75k		12	±9	33m	57	2TA01ZX	TO78
36	MC1529G	150k	4.0u♦	28	9.0m	2.0u	10	40k		5.0	±12		5C	14LM29GX	CN10c
37	L127T9	180k†	12n†	40 †	2.0m†	2.5n†	26 †	300M†		14 †	36	330m†	28	1LM27TX	TO100
38	L127T2	180k†	50n	35 †	10m	15n	24	300M†		10	36	510m	5C	1LM27TX	TO100
39♦	831CH	200k		64 †	40m	10u	2.0 §	5.0k			±12	120m	28	8LM31FX	FP6e
40	326-01	200k†	3.0u♦	66	30m	500n				1.0	6.0	9.0m†	5C	3LM26MX	TO78
41	M326	200k†	3.0u♦	66	30m	500n				5.0	6.0	9.0m†	5C		TO78
42	MC1429G	200k	4.0u♦	27	12m	3.0u	10	30k		5.0	±12		07	14LM29GX	CN10c
43	831DE	250k	500n♦	74	10m	100n	8.0	5.0k		8.0	±12	120m	07	8LM31ZX	TO101
44	831CE	300k		64 †	40m	10u	2.0 §	5.0k			±12	120m	28	8LM31ZX	TO101
45	831AE	300k		66 †	5.0m	2.0u	3.5 §	20k			±12	120m	5C	8LM31ZX	TO101
46♦	831AH	300k		66 †	5.0m	2.0u	3.5 §	20k			±12	120m	5C	8LM31FX	FP6e
47	831BE	300k		66 †	17m	5.0u	3.0 §	10k			±12	120m	5C	8LM31ZX	TO101
48♦	831BH	300k		66 †	17m	5.0u	3.0 §	10k			±12	120m	5C	8LM31FX	FP6e
49	327-02	500k†		70	30m					9.0 †	15		5C	3LM27ZX	TO78
50	MC1526G	500k	3.5u♦	45 †	7.0m	2.0u	10	60k		7.0	±12		5C	14LM29GX	CN10c
51	3670J	550k†	10p♦	60	10m	10p	20	100G†	1.8 †	20	±15	180m	06		TO100
52♦	3670K	550k†	10p♦	60	5.3m	5.0p	10 ±	100G†	1.8 †	20	15 ±	180m	06		TO100
53♦	3670S	550k†	10p♦	60	5.3m	5.0	10 ±	100G†	1.8 †	20	15 ±	180m	5C		TO100
54♦	3660J	650k†	200n♦	60	6.6m	50n	10 ±	20M†	1.8 †	20	15 ±	180m	5C		TO100
55♦	3660K	650k†	200n♦	60	1.3m	20n	10 ±	20M†	1.8 †	20	15 ±	180m	5C		TO100
56♦	3660S	650k†	200n♦	60	1.3m	20n	10 ±	20M†	1.8 †	20	15 ±	180m	5C		TO100
57	CA3000H	650k†	36u♦	28	8.0m	10u	4.0	70k†		6.4 †	±6	300m†	5C	30CA00HX	CH16
58	M327	1.0M†		70 †	30m					9.0 †	15		5C		TO78
59	PA7712-31	1.0M†	10u	68	3.0m	1.5u	4.5 §	16k	35 †	10	±9	135m	5C	7LM12HX	CN1
60♦	PL7712-31	1.0M†	10u	68	3.0m	1.5u	4.5 §	16k	35 †	10	±9	135m	5C	7LM12FX	FP2c
61♦	PL7712-39	1.0M†	12u	66	6.5m	2.5u	4.5 §	10k	35 †	10	±9	125m	07	7LM12FX	FP2c
62	NE515G	1.0M	40u	68	4.0m		2.0	1.4k		5.3	9.0	21m	07	5LM15GX	TO91
63	SE515G	1.0M	40u	71	3.0m		2.5	1.0k		5.7	9.0	63m	5C	5LM15GX	TO91
64	MC1525G	1.4M	20u♦	75 †	5.0m	4.0u	10	2.0k		7.0	±12		5C	14LM29GX	CN10c
65♦	MC1712F	1.5M	5.0u♦	88	3.0m	1.5u	4.5 §	16k	1.5 †	10	±9	120m	5C	7LM12FX	TO91
66	MC1712G	1.5M	5.0u♦	88	3.0m	1.5u	4.5 §	16k	1.5 †	10	±9	120m	5C	7LM12HX	TO99
67♦	MC1712L	1.5M	5.0u♦	88	3.0m	1.5u	4.5 §	16k	1.5 †	10	±9	120m	5C	7LM12NX	DL14ag
68♦	MC1712CF	1.5M	7.5u♦	86	6.5m	2.5u	4.5 §	16k	1.5 †	10	±9	120m	07	7LM12FX	TO91
69	MC1712CG	1.5M	7.5u♦	86	6.5m	2.5u	4.5 §	16k	1.5 †	10	±9	120m	07	7LM12HX	TO99
70♦	MC1712CL	1.5M	7.5u♦	86	6.5m	2.5u	4.5 §	16k	1.5 †	10	±9	120m	07	7LM12NX	DL14ag
71	SFC2525	1.7M†	7.0u♦†	39	2.0m†	1.5u†		15k†			±12	65m	08	25LM25MX	TO100
72	SFC2525M	1.7M†	7.0u♦†	39	2.0m†	1.5u†		15k†			±12	65m	5C	25LM25MX	TO100
73	AD521K	2.0M	40.0n		1.5m	10.0p		3.0G			15 ±	90m	07		
74	AD521S#mil	2.0M	40.0n		1.5m	10.0p		3.0G			15 ±	90m	5C		
75	64B4	2.0M	10u♦†	28	8.0m	2.0u†	3.5 §	3.0k		5.0	±6	80m†	5C	64LM4PX	TO100
76	64B4P	2.0M	10u♦†	28	8.0m	2.0u†	3.5 §	3.0k		5.0	±6	80m†	5C	64LM4PX	TO91
77	71B4	2.0M	20u♦	40	5.0m	3.0u	5.0k	5.0k		8.0	±9	100m†	5C	71LM4PX	TO100
78	71B4P	2.0M	20u♦	40	5.0m	3.0u	5.0k	5.0k		8.0	±9	100m†	5C	71LM4PX	TO91
79	74B4	2.0M	20u♦	40	5.0m	3.0u	5.0k	5.0k		8.0	±9	100m†	5C	74LM4PX	TO101
80	74B4P1	2.0M	20u♦	40	5.0m	3.0u	5.0k	5.0k		8.0	±9	100m†	5C	74LM4PX	TO86
81	SN2620	3.0M†		32	10m	1.0u					±7	120m	5C	26LM20ZX	TO84
82♦	ZA801T1	3.0M	25p♦	100	5.0m†		20	100G†	6.0	20	15 ±	90m†	28		CN43
83	SN5511FA	3.0M†	15u♦	61 †	5.0m	7.0u	4.5 §	5.0k†		2.5	±6	180m†	5C	5LM11FX	FP2t
84♦	SN5511N	3.0M†	15u♦	61 †	5.0m	7.0u	4.5 §	5.0k		2.5	±6	180m†	5C	5LM11NX	MO001AA
85	SN7511FA	3.0M†	20u♦	55 †	5.0m	10u	2.0	5.0k†		1.5	±6	180m†	07	5LM11FX	FP2t
86♦	SN7511N	3.0M†	20u♦	55 †	5.0m	10u	2.0	5.0k		1.5	±6	180m†	07	5LM11NX	MO001AA
87	CA3028AF⌀	8.0M†	80u♦	40	5.0m	6.0u	5.0	3.0k†		15	±12	220m	5C	30LM28HX	DL8u
88♦	MC1712CP	10M	12u	71 †	6.5m	2.5u	4.5 §	32k†	1.5 †	10 †	±9	120m	07	7LM12NX	14-3a
89	LM3028BH	12M	80u♦	30 †	2.0m	2.0u	12			16	±12	220m	5C	30LM28HX	CN1d
90♦	SFC2525F	13M	18u♦	45	10m	9.0u	2.5	2.5k		14	9.0 ±	45m	08		FPØ
91♦	SFC2525G	13M	18u♦	45	10m	9.0u	2.5	2.5k		14	9.0 ±	45m	08		CN17c
92♦	MC3330P	15M			10m		5.0 ±				9.0 ±	1.2	07	33LM30PX	DL8ac
93♦	CA3054L	15M	24u♦	32 †	5.0m	2.0u	5.0 ±	3.5k†		12	9.0 ±	750	5C	30LM54HX	CH18
94♦	LM3026H	15M	24u♦	32 †	5.0m	2.0u	5.0 ±	3.5k†		12	9.0 ±	600m	5C	30LM26HX	CN18d
95♦	LM3054N	15M	24u♦	32 †	5.0m	2.0u	5.0 ±	3.5k†		12	9.0 ±	750m	08	30LM54HX	DL14z
96	DC702D	30M†	20u	60	15m	5.0u	8.0	6.0k		10	±9	125m	07		14-2b
97	DC702F	30M†	20u	60	15m	5.0u	8.0	6.0k		10	±9	125m	07		FP2a
98	DC702T	30M†	20u	60	15m	5.0u	8.0	6.0k		10	±9	125m	07		CN1b
99	DM702D	30M†	20u	63	6.0m	3.0u	8.0	8.0k		10	±9	120m	5C		14-2b
100	DM702F	30M†	20u	63	6.0m	3.0u	8.0	8.0k		10	±9	120m	5C		FP2a
101	DM702T	30M†	20u	63	6.0m	3.0u	8.0	8.0k		10	±9	120m	5C		CN1b
102	MA733ML	50M†	20u♦	39		3.0u	2.0	4.0k†		3.0	±6	288m	5C	7LM33JX	TO100
103	SN52733N	50M†	20u♦	39		3.0u	2.0	4.0k†		3.0	±6	288m	5C	7LM33JX	DL14x
104	SN52733FA	50M†	20u♦	49	1.5	3.0u	2.0	4.0k		3.0	±6	288m	5C	7LM33JX	FP2t
105	MA733CL	50M†	30u♦	38		5.0u	2.0	4.0k		3.0	±6	288m	07	7LM33JX	TO100
106	SN72733FA	50M†	30u♦	47	1.5	5.0u	2.0	4.0k		3.0	±6	288m	07	7LM33JX	FP2t
107	SI3026EA	550MX†	24u♦	32 †	5.0m	2.0u	5.0	3.5k†		12	±9	600m	5C	30LM26HX	MO006AG
108	SI3054CJ	550MX†	24u♦	32 †	5.0m	2.0u	5.0	3.5k†		12	±9	750m	5C	30LM26HX	MO001AB

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

2. AMPLIFIERS – Power Amplifier

IN ORDER OF (1) 3dB BW MIN (2) I BIAS MAX (3) V GAIN MIN (4) TYPE NUMBER

POWER AMPLIFIERS

LINE No.	[4] TYPE NUMBER	[1] 3dB BW MIN (Hz)	[2] I BIAS MAX (A)	[3] V GAIN MIN (dB)	INPUT CHARACTERISTICS @ 25°C: VIO MAX (V)	IIO MAX (A)	CM RNGE MIN (ΔV)	Z MIN (Ω)	MIN. OUTPUT CHAR @ 25°C: SLEW RATE (V/us)	V P-P (ΔV)	PWR SUP @ 25°C: TOTAL VOLT (V)	PD MAX (W)	TEMP CODE -+	DRAWINGS: CIRCUIT	OUTLINE
2	MIC730-1C	1.0M	15u	20	3.5m	3.0u	7.0	5.0k		5.0	±6	156m	5C	7LM30HX	TO99
3	UC4730	1.0M	15u	20	3.5m	3.0u	7.0	5.0k		5.0	±6	156m	5C	7LM30HX	TO99
4	uA730HM	1.0M	15u	60	3.5m	3.0u	3.5 §	5.0k		5.0	±6	180m	5C	7LM30HX	CN1d
5	MIC730-5C	1.0M	20u	20	7.5m	5.0u	7.0	2.5k		5.0	±6	156m	07	7LM30HX	TO99
6	UC4730C	1.0M	20u	20	7.5m	5.0u	7.0	2.5k		5.0	±6	156m	07	7LM30HX	TO99
7	uA730HC	1.0M	20u	60	7.5m	5.0u	3.5 §	2.5k		5.0	±6	180m	07	7LM30HX	CN1d
8▼	MA500CP	7.0M	400n						17		25.0 ±		07	5MA00PX	CH☒
9	PA7606	27M†		48 †	1.0m†	20u		10k†		3.3	10	125m	5C	76PA06ZX	FP2f
10♦	MC1545F	45M	25u	16	5.0m	2.0u†	5.0 †	4.0k			12 ±	500m	5C	14LM45FX	FP72
11♦	MC1445F	50M†	30u	16	7.5m	2.0u†	5.0 †	3.0k			12 ±	500m	07	14LM45FX	FP72

VIDEO AMPLIFIER

LINE No.	[4] TYPE NUMBER	[1] 3dB BW MIN (Hz)	[2] I BIAS MAX (A)	[3] V GAIN MIN (dB)	INPUT CHARACTERISTICS @ 25°C: VIO MAX (V)	IIO MAX (A)	CM RNGE MIN (ΔV)	Z MIN (Ω)	MIN. OUTPUT CHAR @ 25°C: SLEW RATE (V/us)	V P-P (ΔV)	PWR SUP @ 25°C: TOTAL VOLT (V)	PD MAX (W)	TEMP CODE -+	DRAWINGS: CIRCUIT	OUTLINE
15▼	AN607										12.0	160m	16	6AN07ZX	TO72
16▼	AN608										12.0	160m	16	6AN08ZX	TO72
17▼	HEPC6010-RT			60							18	500m	17	60LM10RX	4-1A
18▼	MFC4010			60							6.0	500m	17		4-1A
19▼	MFC4010P			60							6.0	500m	17		4-1A
20▼	712-9-5B			63				10k			21	125m	07		TO99
21▼	712-1-5B			70				10k			21	125m	5C		TO99
22▼	uA751-5B	30		51							10		07	7LM51HX	TO99
23▼	HA17733M	40		48				10k			16		27	7LM33HX	TO100
24▼	uA719-5F	50		22				3.0k			12		5C		TO100
25▼	uA719C-5F	50		22				3.0k			12		07		TO100
26▼	PA7600	50		35							6.0		5C	76PA00LX	CN170
27▼	PL7600	50		35							6.0		5C	76PA00LX	FP2c
28▼	CMC602	100		20							12		5C	60LM20ZX	
29▼	SL541C	100		20							18		58	5SL41CX	CN27b
30▼	920CU	120		20							12		5C	60LM20ZX	TO110
31▼	RC733TF	120		48				250k			16		07	7LM33HX	MO006AD
32▼	RM733TF	120		49				250k			16		5C	7LM33HX	MO006AD
33▼	920BE	120		60							12		5C	60LM20ZX	TO96
34▼	CA3021	800k		50							6.0	8.0m	5C	30LM21HX	CN18
35▼	ZLA1A	1.5M		18				3.2k			22	50m	5C	0LA1ZX	CN23
36▼	uA716HM	2.0M		9.0				9.0k			21	298m	5C	7LM16HX	CN1x
37▼	MC1520F	2.0M		60.0	10.0m	200m	6.0	2.0M	30	8.0	6.0 ±	500m	5C	14LM20FX	TO91
38▼	MC1520G	2.0M		60.0	10.0m	200m	6.0	2.0M	30	8.0	6.0 ±	680m	5C	14LM20ZX	CN10m
39▼	CA3022	3.0M		50							6.0	24m	5C	30LM21HX	CN18
40▼	L174AA	4.0M		86				100k			30	500m	5C		TO73
41▼	L174AL	4.0M		86				100k			30	750m	5C		TO86
42▼	SN2600	4.5M		23							14	120m	5C	26SN00ZX	TO84
43▼	HEP591-RT	4.5M		60							10	600m	5C	13LM13ZX	CN10c
44▼	SN2610	6.0M		14							14	120m	5C	26SN01ZX	TO84
45▼	PA7713	9.0M		30							6.0	30m	5C	77LM13AX	CN17c
46▼	PL7713	9.0M		30							6.0	30m	5C	77LM13AX	FP2c
47▼	TBA440Q	9.0M		50				1.9k			13	234m	27	4TB40QX	16-6a
48♦	SL20#2	10M						65k		2.5	9.0	144m	5E	2SL01BX	CN11b
49♦	SL21	10M						65k		2.5	9.0	144m	5E	2SL1ZX	CN11b
50♦	SL22	10M						65k		2.5	9.0	144m	5E	2SL1ZX	CN15a
51♦	SL201B#2	10M						60		2.5	9.0	144m	5H	2SL01BX	CN11b
52♦	SL201C#2	10M						60		2.5	9.0	144m	5H	2SL1BX	CN11b
53▼	SL01C#1	10M		9				530		2.5	9.0	144m	5H		CN11b
54♦	SL201B#1	10M		11				530		2.5	9.0	144m	5H	2SL01BX	CN11b
55♦	SL20#1	10M		18				900		2.5	9.0	144m	5E	2SL01BX	CN11b
56♦	SL23	10M		18				900		2.5	9.0	144m	5C	2SL3ZX	CN11b
57♦	SL24	10M		18				900		2.5	9.0	144m	5C	2SL3ZX	CN15a
58▼	CA3023	10M		50							6.0	48m	5C	30LM21HX	CN18
59▼	CA3023H	10M		50							6.0	48m	5C	30LM21HX	CN16e
60▼	LM3011H	10M		55				3.0k			7.5	187m	57	30LM11HX	CN10n
61▼	CA3002H	11M		24				100k			12	55m	5C	30CA02HX	CH16
62▼	148OMY	15M		40				900			9.0			14LM80YX	TO74
63▼	SG3001T	16M		19				150k			12	120m	5C	30CA01HX	TO101
64♦	CA3001H	16M†	36u♦	16	1.5m†	10u	5.0	50k		5.0 †	6.0 ±	120m	5C	30CA01HX	CH16
65	AN606	16M†	36u♦	19 †	1.5m†	10u		50k†		4.0	10	130m	16	30CA01HX	CN18
66	HA1110	20M	36u♦	16	7.0m	10u	5.0	50k		3.8	±6	110m	27	30CA01HX	TO101
67▼	ZLA151T	25M						25k			12	150m	5A	1LA10HX	CN23
68▼	uA702PC	30M						10k			12	670m	07	7LM02NX	DL14ce
69▼	WC1146	30M									12	84m	07	11LM46TX	CNis
70♦	uA751-3H	30M		51			2.0	140		1.2	10	139m	07	7LM51FX	FP2a
71♦	uA751-5H	30M		51			2.0	140		1.2	10	139m	07	7LM51HX	TO99
72▼	WM1146Q	35M		20							12	120m	5C	11LM46TX	FP2v
73▼	MC1553G	35M		52				10k			6.0	120m	5C	15LM53GX	CN8j
74▼	901BE	40M		22							15	13m	5C	9LM01EX	TO99
75▼	901CE	40M		22							15	13m	07	9LM01EX	TO99
76▼	SG1402N	40M		23				1.2k			10	85m	07	14LM02JX	DL14u
77▼	SG1401J	40M		26				2.5k			12	110m	5C	60LM20ZX	TO116
78▼	SG1401T	40M		26				2.5k			12	110m	5C	60LM20ZX	TO100
79▼	SG2401J	40M		26				2.5k			12	110m	07	60LM20ZX	TO116
80▼	SG2401N	40M		26				2.5k			12	110m	07	60LM20ZX	DL14u
81▼	SG2401T	40M		26				2.5k			12	110m	07	60LM20ZX	TO100
82▼	SG3401J	40M		26				2.5k			12	110m	07	60LM20ZX	TO116
83▼	SG3401N	40M		26				2.5k			12	110m	07	60LM20ZX	DL14u
84▼	SG3401T	40M		26				2.5k			12	110m	07	60LM20ZX	TO100
85♦	MC1509F	40M		30			10	6.0k		4.5	12	220m	5C	15LM09FX	TO90
86♦	MC1510F	40M		30			10	6.0k		4.5	12	220m	5C	14LM10FX	TO90
87▼	MC1552G	40M		34				10k			6.0	120m	5C	15LM52GX	CN8j
88♦	SN5510FA	40M		36			16	6.0k		4.5	6.0 ±	220m	5A	5NE01FX	FP210
89♦	SN7510FA	40M		36			16	6.0k		4.5	12	220m	07	5NE01GX	FP2t
90♦	SN7510L	40M		36			16	6.0k		4.5	12	220m	07	5NE01GX	CN1
91♦	SN7510P	40M		36			16	6.0k		4.5	12	220m	07	5NE01GX	DL8n
92♦	SN5510JP	40M		38			16	6.0k		4.5	12	220m	5A	5NE01GX	FP2t
93♦	SN5510L	40M		38			16	6.0k		4.5	12	220m	5A	5NE01GX	DL8q
94▼	TAA721	40M		38				6.0k			12	160m	07	5NE01GX	CN73
95▼	TAA722	40M		38				6.0k			12	160m	5C	5NE01GX	CN73
96♦	SFC2510F	40M		39			1.0	6.0k		4.5	12	220m	5C	14LM10FX	TO91
97♦	SFC2510G	40M		39			1.0	6.0k		4.5	12	220m	5C	14LM10FX	TO99
98♦	SFC2510M	40M		39			1.0	6.0k		4.5	6.0 ±	220m	5C	14LM10GX	TO91
99♦	SFC2510PF	40M		39			1.0	6.0k		4.5	12	220m	5C	14LM10FX	TO91
100♦	SFC2510PG	40M		39			1.0	6.0k		4.5	12	220m	5C	14LM10GX	TO99
101♦	SFC2510PMF	40M		39			1.0	6.0k		4.5	6.0 ±	220m	5C	14LM10FX	TO99
102▼	SFC2510	40M		40				6.0k			12	165m	07	5NE01GX	TO99
103▼	SFC2510P	40M		40				6.0k			12	165m	07	5NE01GX	TO91
104▼	SFC2510PM	40M		40				6.0k			12	165m	57	5NE01GX	TO91
105▼	SG733CJ	40M		47			1.0 ±	4.0k		3.0	6.0 ±	288m	07	7LM33JX	TO116
106▼	SG733CN	40M		47			1.0 ±	4.0k		3.0	6.0 ±	288m	07	7LM33JX	DL14u
107▼	SG733CT	40M		47			1.0 ±	4.0k		3.0	6.0 ±	288m	07	7LM33HX	TO100
108▼	SG733J	40M		47			1.0 ±	4.0k		3.0	6.0 ±	288m	5C	7LM33JX	TO116
109▼	SG733N	40M		47			1.0 ±	4.0k		3.0	6.0 ±	288m	07	7LM33JX	DL14u
110▼	SG733T	40M		47			1.0 ±	4.0k		3.0	6.0 ±	288m	5C	7LM33HX	TO100

Инв № 689-А

2. AMPLIFIERS – Video Amplifier

LINE No.	4 TYPE NUMBER	1 3dB BW MIN (Hz)	2 I BIAS MAX (A)	3 V GAIN MIN (dB)	INPUT CHARACTERISTICS @ 25°C VIO MAX (V)	IIO MAX (A)	CM RNGE MIN (ΔV)	Z MIN (Ω)	MIN. OUTPUT CHAR @ 25°C SLEW RATE (V/us)	V P-P (ΔV)	PWR SUP @ 25°C TOTAL VOLT (V)	PD MAX (W)	TEMP CODE -+	DRAWINGS CIRCUIT	OUTLINE
1▼	MB3501K	40M		48							12	288m	07	35LM01MX	CN17c
2▼	AM733DC	40M		50			1.0 ±	4.0k		3.0	6.0 ±	288m	07	7LM33JX	DL14m
3▼	AM733DM	40M		50			1.0 ±	4.0k		3.0	6.0 ±	288m	5C	7LM33JX	DL14m
4▼	AM733FM	40M		50			1.0 ±	4.0k		3.0	6.0 ±	288m	5C	7LM33UX	FP18
5▼	AM733HC	40M		50			1.0 ±	4.0k		3.0	6.0 ±	288m	07	7LM33HX	TO100
6▼	AM733HM	40M		50			1.0 ±	4.0k		3.0	6.0 ±	288m	5C	7LM33HX	TO100
7▼	RC733DB	40M		50			1.0 ±	4.0k		3.0	6.0 ±	288m	07	7LM33JX	DL14v
8▼	RC733DC	40M		50			1.0 ±	4.0k		3.0	6.0 ±	288m	5C	7LM33JX	DL14ae
9▼	RC733DP	40M		50			1.0 ±	4.0k		3.0	6.0 ±	288m	07	7LM33JX	DL14ae
10▼	RC733Q	40M		50			1.0 ±	4.0k		3.0	6.0 ±	288m	07	7LM33UX	FP2k
11▼	RM733CQ	40M		50			1.0 ±	4.0k		3.0	6.0 ±	288m	5C	7LM33UX	FP2z
12▼	RM733DC	40M		50			1.0 ±	4.0k		3.0	6.0 ±	288m	07	7LM33JX	DL14ae
13▼	RM733Q	40M		50			1.0 ±	4.0k		3.0	6.0 ±	288m	5C	7LM33UX	FP2k
14▼	RM733T	40M		50			1.0 ±	4.0k		3.0	6.0 ±	288m	5C	7LM33HX	TO100
15▼	S5733G	40M		50			1.0 ±	4.0k		3.0	6.0 ±	288m	5C	7LM33UX	TO91
16♦	MC1410G	40M		60			1.0 ±	6.0k		4.5	6.0 ±	220m	07	14LM10GX	CN1k
17♦	MC1510G	40M		75			1.0 ±	6.0k		4.5	6.0 ±	220m	5C	14LM10GX	CN1k
18▼	LM733D	40M	20u	50		3.0u	1.0 ±	4.0k		3.0	6.0 ±	288m	5C	7LM33JX	DL14cc
19▼	LM733J	40M	20u	50		3.0u	1.0 ±	4.0k		3.0	6.0 ±	288m	5C	7LM33JX	DL14cd
20▼	uA733C-3F	40M	20u	50			1.0 ±	4.0k		3.0	6.0 ±	288m	07	7LM33UX	TO91
21▼	uA733FC	40M	20u	50			1.0 ±	4.0k		3.0	6.0 ±	288m	07	7LM33UX	FP2w
22▼	uA733FM	40M	20u	50			1.0 ±	4.0k		3.0	6.0 ±	288m	5C	7LM33UX	FP2w
23▼	uA733MU	40M	20u	50			1.0 ±	4.0k		3.0	6.0 ±	288m	5C	7LM33UX	MO004AE
24▼	LM733CD	40M	30u	50		5.0u	1.0 ±	4.0k		3.0	6.0 ±	288m	07	7LM33JX	DL14cc
25▼	LM733CJ	40M	30u	50		5.0u	1.0 ±	4.0k		3.0	6.0 ±	288m	07	7LM33JX	DL14cd
26▼	CA3034	45M						2.0k			10	26m	5C	30LM34VX	CN19
27▼	CA3034V1	45M						2.0k			10	26m	5C	30LM34VX	CN10d
28♦	MC1545G	45M	25u	16	5.0m	2.0u†	5.0 †	4.0k			12 ±	680m	5C	14LM45GX	CN8j
29▼	147OMY	50M		30							12	240m		14LM70YX	CNØ
30▼	ULN2103M	50M		30				1.2k			12	120m	08	21LM03MX	DL8a
31▼	903BE	60M		13							15	96m	5C	9LM03EX	CNØ
32▼	903BR	60M		13							15	96m	5C	9LM03EX	CN10
33▼	903CE	60M		13							15	96m	07	9LM03EX	CNØ
34▼	903CR	60M		13							15	96m	07	9LM03EX	CN10
35▼	SA21	60M		19				1.6k			24	540m	5C	2LM0SX	14-2c
36♦	SN7512L	80M		46			1.0 ±	6.0k		3.0	6.0 ±	270m	07	55LM12LX	TO100
37♦	SN7512N	80M		46			1.0 ±	6.0k		3.0	6.0 ±	270m	07	55LM12NX	DL14x
38♦	SN7514L	80M		46			1.0 ±	6.0k		3.0	6.0 ±	270m	07	55LM14LX	TO99
39♦	SN7514P	80M		46			1.0 ±	6.0k		3.0	6.0 ±	270m	07	55LM14LX	DL8n
40▼	SN5514JP	80M		47				6.0k			12	270m	5C	55LM12LX	DL8q
41♦	SN5512L	80M		48			1.0 ±	6.0k		3.0	6.0 ±	270m	5C	55LM12LX	TO100
42♦	SN5512N	80M		48			1.0 ±	6.0k		3.0	6.0 ±	270m	5C	55LM12NX	DL14x
43♦	SN5514L	80M		48			1.0 ±	6.0k		3.0	6.0 ±	270m	5C	55LM14LX	TO99
44♦	SN5514P	80M		48			1.0 ±	6.0k		3.0	6.0 ±	270m	5C	55LM14LX	DL8q
45▼	CMC602-1	100M		16							12	120m	C	60LM20ZX	TO96
46▼	CMC602-4	100M		16							12	120m	C	60LM20ZX	TO110
47▼	SA20	100M		20				1.6k			24	540m	5C	2LM0SX	14-2c
48	HOS-050C	100M†	2.0n		65m	100p	20	10G	300	20	18	1.5	28	0HO50CX	CN104
49▼	ZLA10	120M						10k			12	150m	5A	1LA10HX	CN23
50▼	SL550	125M		39							6.0	78m	5C	5SL50GX	DL16at
51▼	SG1401N	200M		20				2.5k			12	110m	07	60LM20ZX	DL14u
52	NE592FH	250M	30u	200		5.0u		10.0k		3.0 ±	6.0 ±	500m		7LM33JX	DL14bk

LINE No.	[4] TYPE NUMBER	[1] FREQ MAX (Hz)	MIN INPUT CHAR @ 25°C [2] INPUT RANGE (ΔV)	[3] Z (Ω)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP MODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
ANALOG MULTIPLIER/SQUARER										
4♦	5507		10m	4.0k	30	300m	5C	Acc .80%†;FP BW 5.0MHz†;ΔIo 6.0mA;Tc .05%/°C†.	55LM07ZX	CN20
5	5500		100m	3.0k	40	500m	5C	Analog multiplier; 7 lead TO5 case	55LM00HX	TO5
6	5323A		20	100k	30	360m	28	Analog multiplier module		
7	5485		20	100k	30	240m	57	Analog multiplier module		
8	5887		20	10M	30	135m	28	Multiplication and Squaring;SR 1.5V/us.		
9	AMC8013AC		20 †	10M	36	500m	07	4 Quad mult;divider;Sq;Sq-Rooter w/.50% accurac	80LM13CX	TO100
10	AMC8013AM		20 †	10M	36	500m	5C	4 Quad mult;divider;Sq;Sq-Rooter w/.50% accurac	80LM13CX	TO100
11	AMC8013BC		20 †	10M	36	500m	07	4 Quad mult;divider;Sq;Sq-Rooter w/1.0% accurac	80LM13CX	TO100
12	AMC8013BM		20 †	10M	36	500m	5C	4 Quad mult;divider;Sq;Sq-Rooter w/1.0% accurac	80LM13CX	TO100
13	AMC8013CC		20 †	10M	36	500m	07	4 Quad mult;divider;Sq;Sq-Rooter w/2.0% accurac	80LM13CX	TO100
14	AMC8013CM		20 †	10M	36	500m	5C	4 Quad mult;divider;Sq;Sq-Rooter w/2.0% accurac	80LM13CX	TO100
15♦	S5595F		23	35M†	47	170m	5C	Acc. 1.0%Δ;BW 3dB 3.0MHz;Common Mode Gain 60dB.	55LM95AX	14-11
16	MCC1495		24 †	20M†	47	170m	5C	4 Quadrant;Linearity Error 1.0%.	14LM95JX	CH8
17	MCC1595		26 †	35M†	47	170m	5C	4 Quadrant;Linearity Error 0.5%.	14LM95JX	CH8
18	LS1495		30	20M	47	170m	07	4 Quadrant Analog Multiplier.	14LM95JX	TO116
19	MC1495		30	20M	47	170m	07	4 Quadrant Analog Multiplier.	14LM95JX	TO116
20	LS1595		30	35M	47	170m	5C	4 Quadrant Analog Multiplier.	14LM95JX	TO116
21	MC1595		30	35M	47	170m	5C	4 Quadrant Analog Multiplier.	14LM95JX	TO116
22♦	425J	40k	20	10k	30	480m	28	0.1% accuracy; I: 7mA		CBØ
23♦	425K	40k	20	10k	30	480m	28	Acc .05%;FPBW 40kHz;3dB 100kHz;Io 7.0mA.		CBØ
24♦	5229C	100k	20	10k	30	600m	05	Acc 1.0%†;FP BW 100kHz†;ΔIo 15mA;Tc .05%/°C†.		
25♦	M540J	1.0M		36k†	30	120m†	06	Multiplier/divider/squarer/squarerooter	5M40JX	TO100
26♦	M540K	1.0M		36k†	30	120m†	06	Multiplier/divider/squarer/squarerooter	5M40JX	TO100
27♦	4201J	1.0M	20 †	36k†	30	120m	06	Acc 2.0%;Tc 400uV/°C;BW 3db 1MHz;ΔIo 5.0mA.		TO100
28♦	M530J	1.0M	20	10M	30	135m	28	Multiplier/Div/Squarer/Square Rooter;BW 1.0MHz.	5M30JX	TO100
29♦	M530K	1.0M	20	10M	30	135m	28	Multiplier/Divider/Squarer/SquareRooter;BW 1.0M	5M30JX	TO100
30♦	M530L	1.0M	20	10M	30	135m	28	Multiplier/Divider/Squarer/SquareRooter;BW 1.0M	5M30JX	TO100
31♦	M530S	1.0M	20	10M	30	135m	5C	Multiplier/Divider/Squarer/SquareRooter;BW 1.0M	5M30JX	TO100
32♦	A8495#2	3.0M	12 †	20M†	15	750m	07	4-quad sq-rooter; accuracy ±0.75%		
33♦	A8495#3	3.0M	12 †	20M†	15	750m	07	4-quad sq-rooter; accuracy ±1.5%		
34♦	A8595#1	3.0M	13 †	35M†	15	750m	5C	4-quad sq-rooter; 60 LB com mode rejection		
35♦	A8595#2	3.0M	13 †	35M†	15	750m	5C	4-quad sq-rooter; accuracy ±0.5%		
36♦	A8595#3	3.0M	13 †	35M†	15	750m	5C	4-quad sq-rooter; accuracy ±1.5%		
37♦	SL1495	3.0M	21	400n†X	47	170m	07	4 Quadrant Mult;BW 3dB 3.0MHz†;Linearity ±2.0%	14LM95JX	DL14bx
38♦	SL1595	3.0M	23	200n†X	47	170m	5C	4 Quadrant Mult;BW 3dB 3.0MHz†;Linearity ±1.0%	14LM95JX	DL14bx
39♦	GEL1495	3.0M	30 ☒	20M†	47	170m	07	Acc. 4.0%Δ;BW 3dB 3.0MHz†;Com. Mode GV 50dB†.	14LM95JX	TO116
40♦	SG1495D	3.0M	30 ☒	20M†	47	170m	07	Acc 4.0%Δ:BW3dB3.0MHz†;Com Mode GV-50dB†.	14LM95JX	TO116
41♦	VA6A159539	3.0M	30 ☒	20M†	47	170m	07	Acc. 4.0%Δ;BW 3dB 3.0MHz†;Com.Mode Gv -50dB†.	14LM95JX	TO116
42♦	GEL1595	3.0M	30 ☒	35M†	47	170m	5C	Acc. 2.0%Δ;BW 3dB 3.0MHz†;Com. Mode GV 60dB†.	14LM95JX	TO116
43♦	VA6A159531	3.0M	30 ☒	35M†	47	170m	5C	Acc. 2.0%Δ;BW 3dB 3.0MHz†;Com.Mode Gv -60dB†.	14LM95JX	TO116
44♦	5109C	5.0M	20	10k	30	1.2	26	Acc 1.0%†;FP BW 5.0MHz†;ΔIo 10mA;Tc .10%/°C.		
45♦	519A	10M	20	10k	15	450m	27	Acc 1.0%†;FP BW 10MHz†;ΔIo 10mA;Tc .05%/°C†.		
46♦	5822B	30M	10	4.0k	30	750m	58	Multiplier module		
47♦	5600	30M	18	9.0k	30	1.3	25	Multiplier module		
48♦	SG1402N§	50.0M		1.2k†	10.0	85.0m	07	Balanced Modulator, Frequency Doubler.	14SG02JX	DL14u
ANALOG SHIFT REGISTER										
52▼	S10111				24 -		1	185-stage bucket brigade device; PMOS techn	10S111ZX	DL8v
53▼	S10377				24 -	350m	1	185-stage bucket brigade device; PMOS techn	10S377ZX	DL8v
54	SAD512				30		07	Analog Delay Lines;512 Stage BBD	5SA12DX	DL8☒
55	SAD1024				30		07	Dual Analog Delay Lines;512 Stage BBD		DL☒
56	SAD4096				36		07	Audio Delay Line 4096 BBD		DL☒
57♦	TCA370		2.5		10		26	512 stages	3TC70ZX	DL16i
58	SAJ205		5.0	2.0M	22	450m	05	Staircase Volt Gen;8 Divide Stages;8 D/A Conver	2SA05ZX	DL14ab
ATTENUATOR										
62♦	AN829				18.0	450m	27	Control voltage: 0 to Vcc;GV 14 dB	8AN29ZX	DL14bq
63▼	AN829S				18.0	300m	27	Control Voltage: 0 to Vcc;GV 14 dB	8AN29SX	DL14bq
64▼	ATN4002				15.0			Attenuation range: 15 dB;INS loss 3.0 dB	4AT02ZX	CN2n
65▼	HEPC6009-RT		500m		16.0	1.0	07	Ics:2.0mAdc max;Av 13 dB±;Attn rnge 90 dB	60LM09RX	6.1
FUNCTION GENERATOR										
69♦	1453CP2			500	30	600m	07	Precision Waveform Generator/Volt.Controlled Os	14LM53PX	DL16an
70♦	1453CP3			500	30	600m	07	Precision Waveform Generator/Volt.Controlled Os	14LM53PX	DL16an
71♦	1453MD1			500	30	450m	5C	Precision Waveform Generator/Volt.Controlled Os	14LM53PX	DL16an
72♦	1453MD2			500	30	450m	5C	Precision Waveform Generator/Volt.Controlled Os	14LM53PX	DL16an
73♦	4062-45	1.0k	10 †	10k†	30	1.2	28	Seg.11; S1 Rng 4.0V/V†; No 5.0mVΔ; I% BW 1.0kHz		CB8
74♦	TAA775G	20k			12	96m†	28	Power Oscillator; Io: 150mA max		MT49
75♦	5217	100k	20	10k	30	300m	05	Acc 3.0%;BW 3dB 100kHz;Tc .10% FS/°C.		
76▼	LS8038CC	1.0M			15 ±			Sine/triangle/square; 50ppm drift; 0.001Hg fmin		
77♦	WG8038BC	1.0M		1.0k	20	750m	07	0.17 linearity	80LM38NX	DL14bv
78♦	WG8038BM	1.0M		1.0k	20	750m	5C	0.17 linearity	80LM38NX	DL14bv
79♦	WG8038CC	1.0M		1.0k	20	750m	07	0.17 linearity	80LM38NX	DL14bv
80♦	LM175D	200M		4.5k	5.0	500m	5C	TTL output	1LM75DX	DL14bv
81♦	LM275D	200M		4.5k	5.0	500m	28	TTL output	1LM75DX	DL14bv
82♦	LM375D	200M		4.5k	5.0	500m	07	TTL output	1LM75DX	DL14bv
83♦	LM375N	200M		4.5k	5.0	500m	07	TTL output	1LM75DX	DL14z
LOG/ANTILOG AMPLIFIER										
87♦	2536				30	150m	27	Log Range 200dB;ΔI;1.0pA to 10mA.		CN87a
88♦	2537				30	120m	58	Log Range 140dB;ΔI; 100nA to 1.0A.		CN87a
89	4380				15 ±	750m	07	AMPLIFIER,Log;1/2% Full Scale Acc;Temp Comp 0-7		DL16an
90	LA8048BC				30	750m	07	Monolithic Log Amp;Max Error 30mV;1/2% FSA	80LM48EX	DL16an
91	LA8048CC				30	750m	07	Monolithic Log Amp;Max Error 60mV;1/2% FSA	80LM48EX	DL16an
92♦	LA8049BC				30	750m	07	Monolithic Antilog Amp;Max Error 10mV;1/2% FSA	80LM49EX	DL16an
93♦	LA8049CC				30	750m	07	Monolithic Antilog Amp;Max Error 25mV;1/2% FSA	80LM49EX	DL16an
94♦	ZN456J			1.0u	8.0	140m	26	Log electrometer; Input Range 1.0pA - 1.0mA	4LM56JX	
95	1453CP1			500	30	600m	07	Precision Waveform Generator/Volt.Controlled Os	14LM53PX	DL16an
96	2268		1.0 ☒	1.0kX	30	1.8	05	Log Range 60dB;Acc 3.0%;BW 10MHz;Tc .10%/°C.		
97	1451CD1		10		30	200m	07	Dynamic Range 120db;Error 1.25%Δ.	14LM51DX	DL16an
98	1451CD2		10		30	200m	07	Dynamic Range 120db;Error 2.5%Δ.	14LM51DX	DL16an
99	1452CD1		10		30	200m	07	Dynamic Range 120db;Error 1.25%Δ.	14LM52DX	DL16an
100	1452CD2		10		30	200m	07	Dynamic Range 120db;Error 2.5%Δ.	14LM52DX	DL16an
101	4381		15 ±☒		15 ±	750m	07	AMPLIFIER,Antilog;1/2% Full Scale Acc;Temp Comp		DL16an
102♦	2435	10k	1.0 ☒	1.0kX	30	750m	58	100dB dynamic range; 0.1%/°C drift		
103♦	2245A	10k	10	10G	30	600m	06	Log Range 80dB;Acc 3.0%;BW 10kHz;Tc .01%/°C.		
104♦	2369	10k	30	10k	30	90m	55	Log Range 100dB;Acc 3.0%;BW 10kHz;Tc .30%/°C.		
105♦	236	30k	500m☒	10kX	50	1.0	05	160dB dynamic range; 0.1%/°C drift; 3% accuracy		
106♦	254A	100k	1.0	10G	50	1.5	05	Log Range 60dB;Acc 3.0%;BW 100kHz;Tc .01%/°C.		
107♦	SL530C	10M		500	6.0	150m	5C	73dB dynamic range	5SL30CX	CN11e

LINE No.	[4] TYPE NUMBER	[1] FREQ MAX (Hz)	MIN INPUT CHAR @ 25°C [2] INPUT RANGE (ΔV)	[3] Z (Ω)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP - CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
PEAK DETECTOR										
1▼	4010☑	20k		20k	15.0 ±			Peak Program Indicator;Input Level 0 to 27 dBm		
RMS – TO – DC CONVERTER										
5♦	AD536J		20 ±	16k	15 ±	60m	07	RMS to Converter; .5% Max Error	5AD36DX	DL14ch
6♦	AD536K		20 ±	16k	15 ±	60m	07	RMS to DC Converter; .2% Max Error	5AD36DX	DL14ch

LINE No.	[3] TYPE NUMBER	[1] IO RATED MAX (A)	PWR SUP @ 25°C RATED SPECS [2] TOTL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP - CODE +	ADDITIONAL DESCRIPTION	▼ DRAWINGS CIRCUIT	DRAWINGS OUTLINE

MOTOR SPEED CONTROLLER

LINE No.	TYPE NUMBER	IO RATED MAX (A)	TOTL VOLT (V)	PD MAX (W)	TEMP CODE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
4	HA13406				27	3 Phase Brushless Motor Driver: Vcc5v,Vcc2;13v,Io3A,Pd 25W, w/i	13H406ZX	MT78
5	MC212				28	Motor Speed Control;Armature,Voltage and Current Feedback;1.0%		
6	MC213				28	Motor Speed Control;Tachometer Feedback;IR Compensation		
7	TDA1085B				07	Universal Motor Speed Controller	10TD85AX	DL16dd
8	TDA1185A				07	Triac Phase Angle Controller	11TD85AX	DL14di
9	TDA1285A				07	Universal Motor Speed Controller	12TD85AX	DL16dd
10	uA7392DM				5A	Motor Speed Control Ckt;Vs 14.5V;Is 7.5mA†;Regulator Vo 5.0V†;R	73LM92PX	DL14bz
11	TDA1533	20m	11.0	1.00	06	PLL motor speed cntrl;fXtal 5MHz;Vio 15mV;Quartz osc;tacho-amp	15-33	DL18cp
12▼	SAA1028	35m	12.0	340m	48	Motor Controller Circuit;Output Frequency 0.5 Hz		
13	TDA1059B	600m	16.0		2C	Speed cntrlr;thermal shtdn; Vref 1.3V;Vsup 3.3-16V;cur limiting	1-059	TO126
14	TDA1059C	600m	16.0		2C	Speed cntrlr;thermal shtdn; Vref 1.3V;Vsup 3.3-16V;cur limiting	1-059	TO126
15♦	AM8510M	1.0	24.0 ±		5C	Pwr amp; motor actuator driven; I standby: 20mA; Av: 100dB	85LM10ZX	TO3
16♦	AM8510R	1.0	24.0 ±		28	Pwr amp; motor actuator driven; I standby: 20mA; Av: 100dB	85LM10ZX	TO3
17	uPC1470H	2.0	18.0	1.20	27	motor speed regulator;Id 1.2mA;K 20; 0.02% load reg	14-70h	MS51
18♦	AM8520M	2.0	24.0 ±		5C	Pwr amp; motor actuator driven; I standby: 20mA; Av: 100dB	85LM10ZX	TO3
19♦	AM8520R	2.0	24.0 ±		28	Pwr amp; motor actuator driven; I standby: 20mA; Av: 100dB	85LM10ZX	TO3
20♦	AM8530M	2.7	24.0 ±		5C	Pwr amp; motor actuator driven; I standby: 20mA; Av: 100dB	85LM10ZX	TO3
21♦	AM8530R	2.7	24.0 ±		28	Pwr amp; motor actuator driven; I standby: 20mA; Av: 100dB	85LM10ZX	TO3

SERVO CIRCUIT

LINE No.	TYPE NUMBER	IO RATED MAX (A)	TOTL VOLT (V)	PD MAX (W)	TEMP CODE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
25▼	HD103101		8.3	560m	07	Servo preamplifier for magnetic disk;BW 65 MHz max		
26▼	XR2261CP	20m±	5.0	550m	15	Proportional Servo Cicuit	22Lm61PX	DL14bp

SINGLE OP AMP

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO/ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TC MD / EO PE (- +)	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
4♦	TAA445					11	10k†		18.0				4LM45ZX	FP20
5	TAE1453GΔ			4.0m	50n	14 ±	200k†		±18		28		7LM61FX	MD6c
6	TAA761GΔ			6.0m	300n♦	12 ±	200k†		±15		07		7LM61FX	MD6c
7	TAA765GΔ			6.0m	300n♦	12 ±	200k†		±15		28		7LM61FX	MD6c
8	TAB1453GΔ			6.0m	80n	13 ±	200k†		±18		07		7LM61FX	MD6c
9	HEPC6053G-RT			7.5m	150nL			5.0u	±15	200m	07		14LM39HX	TO99
10	TCA321G			7.5m	300n♦	13 ±	200k†		±15		07		3TC11WX	MD6b
11	TCA321GΔ			7.5m	300n♦	13 ±	200k†		±15		07		3TC11GX	MD6c
12	TCA325G			7.5m	300n♦	13 ±	200k†		±15		28		3TC11WX	MD6b
13	TCA325GΔ			7.5m	300n♦	13 ±	200k†		±15		28		3TC11GX	MD6c
14	SN72709			10m	750n	16	50k		±15	200	07		7LM09F	TO89
15	TAA861GΔ			10m	300n♦	8 ±	200k†		20		07		7LM61FX	MD6c
16	TAA865GΔ			10m	300n♦	8 ±	200k†		20		28		7LM61FX	MD6c
17	TCA311G			15m	25n♦	13 ±	3M†		±15		07		3TC11WX	MD6b
18	TCA311GΔ			15m	25n♦	13 ±	3.0M		±15		07		3TC11GX	MD6c
19	TCA315G			15m	25n♦	13 ±	3M†		±15		28		3TC11GX	MD6b
20	TCA331G			15m	25n♦	13 ±	3M†		±15		07		7LM61FX	MD6b
21	TCA331GΔ			15m	25n♦	13 ±	3.0M†		±15		07		3TC11GX	MD6c
22	TCA335G			15m	25n♦	13 ±	3M†		±15		28		7LM61FX	MD6b
23	TCA335GΔ			15m	25n♦	13 ±	3.0M†		±15		28		3TC11GX	MD6c
24	TBB1331A			20m	25n♦	13 ±	3M†		±15		07		13LM31ZX	DL6c
25	TAA761G			6	300 ♦	12 ±	200 †		±15 ±		07		7LM61FX	MD6b
26	TAA765G			6	300 ♦	12 ±	200k†		±15 ±		28		7LM61FX	MD6b
27	TAA861G			10	300m♦	8 ±	200k†		20		07		7LM61FX	MD6b
28	TAA865G			10	300m♦	8 ±	200k†		20		28		7LM61FX	MD6b
29	LM740CT		3.0 †	20m	150p♦		1.0m†		±15	500m	07		5LM15HX	CN☒
30	LM740T		3.0 †	20m	150p♦		1.0m†		±15	500m	5C		5LM15HX	CN☒
31	2327		50kΔ				10k		±15	300m				D
32	1541/16		250k	2.5mL	80nL	40	500k†	25u	120	1.2	48			DL14a
33	1542/16		250k	2.5mL	80nL	40	500k	25u	240	2.4	48			DL14a
34	1514/16		500k	1.5mL	50nL	20 †	500k†	15u	±15	300m	48			DL14a
35	3001/16		500k	1.5mL	40nL	8.0	1.0M†	10u	12	12m	48			DL14a
36	1545/16		750k	2.5mL	250p♦	40	100G†	25u	240	1.7	48			DL14a
37	1547/16		800k	2.0mL	.10uL	30	200k†	20u	52	260m	48			DL14a
38	1544/16		800k	2.5mL	250p♦	40	100G†	25u	120	840m	48			DL14a
39	1557/16		800k	3.3mL	250p♦	20	10G†	25u	±15	240m	48			DL14a
40	HAD1000		1.0M		12m		1.0T		±15	250m	07		10LM00ZX	CN39
41	1506/16		1.0M	1.1mL	40nL	20	500k†	10u	±15	150m†	48			DL14a
42	1556/16		1.0M	1.3mL	100p♦	20	100G†	5.0u	±15	240m	48			DL14a
43	1509/16		1.0M	1.5mL	50nL	20	500k†	15u	±15	210m	48			DL14a
44	1540/16		1.0M	1.5mL	50nL	30	500k†	10u	52	260m	48			DL14a
45	1549/16		1.0M	1.5mL	50nL	30	500k†	15u	52	154m	48			DL14a
46	1543/16		1.0M	2.0mL	250p♦	30	100G†	15u	52	364m	48			DL14a
47	1552/16		1.0M	2.0mL	50p♦	20	100G†	15u	±15	240m	48			DL14a
48	ICL8007C1		1.0M	2.0m	500n†	20	1.0M†	5.0u	±15	180m	07		1LM07HX	TO99
49	ICL8007C2		1.0M	2.0m	500n†	20	1.0M†	15u	±15	180m	07		1LM07HX	TO99
50	1516/16		1.0M†	2.1mL	135nL	20	200k†	30u	±15	150m†	28			DL14a
51	1517/16		1.0M†	2.1mL	135nL	20	200k†	30u	±15	300m†	28			DL14a
52	1554/16		1.0M	2.5m	100p♦	20	100G†	15u	±15	240m	5C			DL14a
53	ICL8007M2		1.0M	3.5m	500n†	20	1.0M†	15u	±15	156m	5C		1LM07HX	TO99
54	ICL8007C3		1.0M	4.0m	500n†	20	1.0M†	30u	±15	180m	07		1LM07HX	TO99
55	AD502KH		1.0M	5.0m	4.0n	80		20u	±15		39	internally compensate		CN1d
56	AD502LH		1.0M	5.0m	1.0n	80		10u	±15		39	internally compensate		CN1d
57	AD502SH		1.0M	5.0m	5.0n	80		20u	±15		5C			CN1d
58♦	S52		1.0M	5.0m	1.0u♦	22	50k	40u♦	15.0 ±	180m	2A			14-2
59♦	T52		1.0M	5.0m	1.0u♦	22	50k	40u♦	15.0 ±	180m	2A			TO99
60	AD502JH		1.0M	6.0m	12n	80		40u	±15		39	internally compensate		CN1d
61	ICL8007C4		1.0M	10m	500n†	20	1.0M†	10u	±15	180m	07		1LM07HX	TO99
62	ICL8007C5		1.0M	10m	500n†	20	1.0M†	15u	±15	180m	07		1LM07HX	TO99
63	ICL8007M5		1.0M	11m	500n†	20	1.0M†	15u	±15	156m	5C		1LM07HX	TO99
64	uA740HC		1.0M†	30m†	60p†	20	1.0T†		±15	240m	07		7LM40HX	CN1d
65	901Δ		2.0M					15u	48	360m				CB4
66♦	1643A-16		2.5M	100uL	1.3nL		50k†	1.0u	120	2.4	48			DL14a
67♦	1644A-16		2.5M	100uL	1.3nL		50k†	1.0u	240	4.8	48			DL14a
68♦	NC210A		2.5M†	1.0m	130n♦	24	50k	15u	15.0	200m	5C		2LM10ZX	CN34
69♦	NC210B		2.5M†	5.0m	200n♦	24	30k	25u	15.0	200m	5C		2LM10ZX	CN34
70	uA740EHC		3.0M†	30m	150p				±22	228m	07		3LM43HX	CN1d
71	uA740HM		3.0M†	30m	185p†	20	1.0T†		±15	156m	5C		7LM40HX	CN1d
72♦	0-578A1		4.5M†	1.0m	10p♦	20	100G†	5.0u♦	15.0 ±	240m†	28			FP30
73♦	0-578A2		4.5M†	1.0m	10p♦	20	100G†	10u♦	15.0 ±	240m†	28			FP30
74♦	0-578B1		4.5M†	1.0m	10p♦	20	100G†	25u♦	15.0 ±	240m†	28			FP30
75♦	0-578B2		4.5M†	1.0m	10p♦	20	100G†	50u♦	15.0 ±	240m†	28			FP30
76	H50A1		4.5M†	1.0m	10p♦	20	100G†	5.0u♦	±15	240m†	5C			CN2q
77	H50A2		4.5M†	1.0m	10p♦	20	100G†	10u♦	±15	240m†	5C			CN2q
78	H50B1		4.5M†	1.0m	10p♦	20	100G†	25u♦	±15	240m†	5C			CN2q
79	H50B2		4.5M†	1.0m	10p♦	20	100G†	50u♦	±15	240m†	5C			CN2q
80	H50B3		4.5M†	1.0m	10p♦	20	100G†	75u♦	±15	240m†	5C			CN2q
81	H50C1		4.5M†	1.0m	10p♦	20	100G†	100u♦	±15	240m†	5C			CN2q
82	H50C2		4.5M†	1.0m	10p♦	20	100G†	150u♦	±15	240m†	5C			CN2q
83♦	0-578B3		4.5M†	2.0m	10p♦	20	100G†	75u♦	15.0 ±	240m†	28			FP30
84♦	0-578C1		4.5M†	5.0m	10p♦	20	100G†	100u♦	15.0 ±	240m†	28			FP30
85♦	0-578C2		4.5M†	5.0m	10p♦	20	100G†	150u♦	15.0 ±	240m†	28			FP30
86	AB21		5.0MΔ		20n	24	3.0k	20u	±15	750m	05			CB3
87	CA080S		5.0M†	9.0m	4.0n	12 ±	1.5T†	10u	18 ±	680m	5C		1LM01HX	TO5
88	CA080E		5.0M†	20m	1.0n	10 ±	1.5T†	10u	18 ±	625m	07		1LM01HX	DL8ad
89♦	1548-16		10M	100nL	200pL		500k†	1.0u	52	208m	48			DL14a
90♦	1538A-16		10M	100uL	200pL		500k†	1.0u	15	240m†	48			DL14a
91	1525/16		10M	2.0mL	40nL	20	500k†	15u	±15	180m	48			DL14a
92	1527/16		10M	2.0mL	40nL	20	500k†	15u	±15	450m	48			DL14a
93	1555/16		10M	2.5mL	250p♦	20	100G†	25u	±15	360m	48			DL14a
94	ICL8017MTZ		10M†	6.0m	500n	30 ☒		10u	±15	210m	5C		80LM17HX	TO100
95	ICL8017CTZ		10M†	7.5m	500n	30 ☒		10u	±15	240m	07		80LM17HX	TO100
96♦	HA100		10M†	50m			10G		21 §	45m	28			TO96
97♦	1510-16		20M	2.5mL	80nL		500k†	25u	±15	450m	48			DL14a
98♦	1560-16		20M	2.5mL	250p♦		100G†	25u	±15	600m	48			DL14a
99♦	PA7751-39		30MΔ	4.0m		1.0	140		10	139m	07			TO99
100♦	PL7751-39		30MΔ	4.0m		1.0	140		10	139m	07			FP2m
101	1429-02	250f♦	500k	1.0m	100f♦	20	10T†	60u	±15	90m	07			TO99
102	AD523L	250f	1.0M	20m		20.0	1.0G		15.0 ±			FET input		
103	1429-01	500f♦	500k	1.0m	100f♦	20	10T†	30u	±15	90m	07			TO99
104	AD523K	500f	1.0M	20m		20.0	1.0G		15.0 ±			FET input		
105	1429	1.0p♦	500k	30m	100f♦	20	10T†	90u	±15	90m	07			TO99
106	3503C	1.0p♦	1.0M†	30m	500f†	22	100G†	50u	±15	180m	28	740,741 rplcmnt	7LM40HX	TO99
107	3503T	1.0p♦	1.0M†	30m	500f†	22	100G†	50u	±15	180m	5C	740,741 rplcmnt	7LM40HX	TO99
108	AD523J	1.0p	1.0M	50m		20.0	1.0G		15.0 ±			FET input		
109	FA550	1.0p♦	8.0MΔ	30m		20	1.0T	50u♦	±15	180m	07		5LM31HX	TO99
110	FA551	1.0p♦	10MΔ	15m		20	1.0T	50u♦	±15	120m	07		5LM31HX	TO99

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1	CA3140BS#2	2.0p†	3.7M†	800u†	100f†	3.1 †	1.0T†		5.0 §	8.0m†	5C		31LM40HX	CN46
2	CA3140BT#2	2.0p†	3.7M†	800u†	100f†	3.1 †	1.0T†		5.0 §	8.0m†	5C		31LM40HX	MO002AL
3	CA3140AE#2	2.0p†	3.7M†	2.0m†	100f†	3.1 †	1.0T†		5.0 §	8.0m†	5C		31LM40HX	DL8ad
4	CA3140AS#2	2.0p†	3.7M†	2.0m†	100f†	3.1 †	1.0T†		5.0 §	8.0m†	5C		31LM40HX	CN46
5	CA3140AT#2	2.0p†	3.7M†	2.0m†	100f†	3.1 †	1.0T†		5.0 §	8.0m†	5C		31LM40HX	MO002AL
6	CA3140E#2	2.0p†	3.7M†	5.0m†	100f†	3.1 †	1.0T†		5.0 §	8.0m†	5C		31LM40HX	DL8ad
7	CA3140S#2	2.0p†	3.7M†	5.0m†	100f†	3.1 †	1.0T†		5.0 §	8.0m†	5C		31LM40HX	CN46
8	CA3140T#2	2.0p†	3.7M†	5.0m†	100f†	3.1 †	1.0T†		5.0 §	8.0m†	5C		31LM40HX	MO002AL
9	2358	5.0p♦	70kΔ	1.0m		14	1.0T	25u	±22	150m	5C			CN2f
10	2359	5.0p♦	70kΔ	1.0m		14	1.0T	25u	±22	150m	5C			CN2f
11♦	218A	5.0p	500kΔ	1.0m		20	100G	10u	15.0 ±	100m				CN2
12♦	218B	5.0p	500kΔ	1.0m		20	100G	25u	15.0 ±	100m				CN2
13	C218A	5.0p♦	500k†	1.0m		20	100G†	10u	±15	210m	28	FET input		CN2j
14	C218B	5.0p♦	500k†	1.0m		20	100G†	25u	±15	210m	28	FET input		CN2j
15	1428-02	5.0p♦	1.0M	1.0m	1.0p♦	20	1.0T†	25u	±15	90m	28			FPØ
16	008A1	5.0p♦	2.0M	1.0m		14	100G†	5.0u	±15	210m	28			FP15
17	008A2	5.0p♦	2.0M	1.0m		14	100G†	10u	±15	210m	28			FP15
18	008B1	5.0p♦	2.0M	1.0m		14	100G†	25u	±15	210m	28			FP15
19	008B2	5.0p♦	2.0M	1.0m		14	100G†	50u	±15	210m	28			FP15
20	248A1	5.0p♦	2.0M	1.0m		20	100G†	5.0u	±15	210m	5C			CN2f
21	248A2	5.0p♦	2.0M	1.0m		20	100G†	10u	±15	210m	5C			CN2f
22	248B1	5.0p♦	2.0M	1.0m		20	100G†	25u	±15	210m	5C			CN2f
23	248B2	5.0p♦	2.0M	1.0m		20	100G†	50u	±15	210m	5C			CN2f
24	008B3	5.0p♦	2.0M	2.0m		14	100G†	75u	±15	210m	28			FP15
25	248B3	5.0p♦	2.0M	2.0m		20	100G†	75u	±15	210m	5C			CN2f
26	9504	5.0p†	3.0M†	1.0m		20	100G†	25u♦	±15	150m†	28		95LM01ZX	CN2
27♦	HB50	5.0p	4.0M			20	100G	5.0u	15.0 ±	210m	5C			CN2
28♦	HC50	5.0p	4.0M			20	100G	10u	15.0 ±	210m	5C			CN2
29	008A3	5.0p♦	4.0M†	1.0m		20	100G†	15u	±15	90m	28			FP1
30	008A	5.0p♦	4.0M†	1.0m		20	100G†	25u	±15	90m	28			FP1
31	208A1	5.0p♦	4.0M	1.0m		14	100G†	5.0u♦	±15	210m	5C			CN2
32	208A2	5.0p♦	4.0M	1.0m		14	100G†	10u♦	±15	210m	5C			CN2
33	208B1	5.0p♦	4.0M	1.0m		14	100G†	25u♦	±15	210m	5C			CN2
34	208B2	5.0p♦	4.0M	1.0m		14	100G†	50u♦	±15	210m	5C			CN2
35	1408-02	5.0p♦	4.0M†	1.0m	2.0p♦	20	100G	25u	±15	270m	28			
36	9505	5.0p†	4.0M†	1.0m		20	100G†	25u♦	±15	150m†	28		95LM01ZX	CN2
37	9506	5.0p†	4.0M†	1.0m†		20	100G†	25u♦	±15	150m†	28		95LM01ZX	CN2
38	AD501C	5.0p♦	4.0M†	1.0m		30	100G†	25u	±15	270m	28	FET input; GP		
39	ADM501C	5.0p♦	4.0M†	1.0m		30	100G†	25u	±15	270m	5C	FET input		
40	ADP501C	5.0p♦	4.0M†	1.0m		30	100G†	25u	±15	270m	28	FET input		
41	M501C	5.0p♦	4.0M†	1.0m†		20	100G†	25u	±15	270m	28		5LM01ZX	CN2
42	208B3	5.0p♦	4.0M	2.0m		14	100G†	75u♦	±15	210m	5C			CN2
43	008C1	5.0p♦	4.0M	5.0m		14	100G†	100u♦	±15	210m	28			FP15
44	208C1	5.0p♦	4.0M	5.0m		14	100G†	100u♦	±15	210m	5C			CN2
45	248C1	5.0p♦	4.0M	5.0m		14	100G†	100u♦	±15	210m	5C			CN2
46	C228A	5.0p♦	7.0M	1.0m		20	100G†	10u	±15	300m	5C	FET input		CN2j
47	C228B	5.0p♦	7.0M	1.0m		20	100G†	25u	±15	300m	5C	FET input		CN2j
48	C238A	5.0p♦	10M	1.0m		20	100G†	10u	±15	270m	5C	FET input		CN2m
49	C238B	5.0p♦	10M	1.0m		20	100G†	25u	±15	270m	5C	FET input		CN2m
50♦	228	5.0p	12MΔ	1.0m		22	100G	25u	15.0 ±	165m				CN2
51♦	238	5.0p	12MΔ	1.0m		22	100G	25u	15.0 ±	270				CN2d
52♦	AD514L	10p	750u†	20m		20	10G†	25u	±15	210m	07		SLM31HX	TO99
53	9737	10p	200kΔ		5.0p	22	100G	1.0m	±15	1.2	58		97LM37HX	CN93
54♦	218C	10p	500kΔ	2.0m		20	100G	50u	15.0 ±	100m				CN2
55	C218C	10p♦	500k†	2.0m		20	100G†	50u	±15	210m	28	FET input		CN2j
56♦	AD514S	10p	750k†	20m		20	10G†	50u	±15	210m	5C		5LM31HX	TO99
57	1428-01	10p♦	1.0M	1.0m	2.0p♦	20	1.0T†	25u	±15	90m	28			FPØ
58	3503B	10p♦	1.0M†	20m	2.0p†	22	100G†	25u	±15	180m	28	740,741 rplcmnt	7LM40HX	TO99
59	3503S	10p♦	1.0M†	20m	2.0p†	22	100G†	25u	±15	180m	5C	740,741 rplcmnt	7LM40HX	TO99
60♦	1003	10p♦	1.5M		5.0p†	16	100G†	4.0u	15.0 ±	180m	28			
61	9501	10p†	1.5M†	2.0m		20	100G†	75u♦	±15	150m†	28		95LM01ZX	CN2
62	9502	10p†	1.5M†	2.0m		20	100G†	50u♦	±15	150m†	28		95LM01ZX	CN2
63	9503	10p†	3.0M†	1.0m		20	100G†	25u♦	±15	150m†	28		95LM01ZX	CN2
64♦	008B	10p♦	4.0M†	1.0m		20	100G†	25u	15.0 ±	90m	28		OML08BX	FP1
65	1408-01	10p♦	4.0M†	1.0m	5.0p♦	20	100G	25u	±15	270m	28			
66	AD501B	10p♦	4.0M†	1.0m		30	100G†	25u	±15	270m	28	FET input; GP		
67	ADM501B	10p♦	4.0M†	1.0m		30	100G†	25u	±15	270m	5C	FET input		
68	ADP501B	10p♦	4.0M†	1.0m		30	100G†	25u	±15	270m	28	FET input		
69	M501B	10p♦	4.0M†	1.0m†		20	100G†	25u	±15	270m	28		5LM01ZX	CN2
70	AD501A	10p♦	4.0M†	2.0m		30	100G†	75u	±15	270m	28	FET input; GP		
71	ADM501A	10p♦	4.0M†	2.0m		30	100G†	75u	±15	270m	5C	FET input		
72	ADP501A	10p♦	4.0M†	2.0m		30	100G†	75u	±15	270m	28	FET input		
73	M501A	10p♦	4.0M†	2.0m†		20	100G†	75u	±15	270m	28		5LM01ZX	CN2
74	008C2	10p♦	4.0M	5.0m		14	100G†	150u♦	±15	210m	28			FP15
75	208C2	10p♦	4.0M	5.0m		14	100G†	150u♦	±15	210m	5C			CN2
76	248C2	10p♦	4.0M	5.0m		14	100G†	150u♦	±15	210m	5C			CN2
77	M501D	10p♦	4.0M†	5.0m†		20	100G†	100u	±15	270m	28		5LM01ZX	CN2
78♦	0-578C	10p♦	4.5M	2.0m		20	100G†	10u	15.0 ±	240m	5C			FP1
79	C228C	10p♦	7.0M	2.0m		20	100G†	50u	±15	300m	5C	FET input		CN2j
80	C238C	10p♦	10M	2.0m		20	100G†	50u	±15	270m	5C	FET input		CN2m
81♦	OA101	15p♦		1.0m		24	10G†	20u	15.0 ±	105m	28		1LM07NX	DL14f
82♦	OA104	15p♦		1.0m		24	10G†	5.0u	15.0 ±	105m	28		1LM07NX	DL14f
83♦	MSF741A	15p♦		15m		12 ±	30G	10u	15 ±	270m	28	compensated; nullable	7LM41LX	TO91
84♦	MSF741B	15p♦		15m		12 ±	30G	50u	15 ±	270m	28	compensated; nullable	7LM41LX	TO91
85♦	MSF741LNA	15p♦		15m		12 ±	30G	10u	15 ±	270m	28	compensated; nullable	7LM41LX	TO91
86♦	MSF741LNB	15p♦		15m		12 ±	30G	50u	15 ±	270m	28	compensated; nullable	7LM41LX	TO91
87	1421-25	15p♦	1.0M	15m		24	1.0T†	25u	±15	105m	28		7LM41HX	TO99
88	1422-01	15p♦	5.0M	15m	2.0p♦	24	100G†	50u	±15	90m	28			TO99
89♦	2709CG	20p♦		4.0m†	10p♦	16	100M	15u♦	15.0 ±	90m†	0A		7LM09HX	CN☒
90	2809CG	20p♦		8.0m†	10p♦	20	100M	25u♦	±15	100m†	0A			CN☒
91	2404BG	20p♦		10m	2.0p♦	16	10G	25u	±15	55m	5C		24LM04ZX	CN2b
92	2405BG	20p♦		10m	2.0p♦	32	10G	25u	60	110m	5C		24LM04ZX	CN2b
93♦	AD514K	20p	750k†	20m		20	10G†	25u	±15	210m	07		5LM31HX	TO99
94	AD516KH	20p	1.0MΔ	1.0m	10p	20	100G	25u	±15	210m	07	FET input		TO99
95	AD516SH	20p	1.0MΔ	1.0m	10p	20	100G	50u	±15	210m	5C	FET input		TO99
96	1001MT	20p♦	1.0M†	20m	500n†	20	1.0M†	75u	±15	156m	5A		1LM07HX	CN37a
97	AD513KH	20p	1.0M	20m	10p	20	100G	25u	±15	210m	07	FET input; High Spd		TO99
98	AD513SH	20p	1.0M	20m	10p	20	100G	50u	±15	210m	5C	FET input; High Spd		TO99
99	1434-01	20p♦	1.0MΔ	60m	5.0n	20	1.0T	35u	±15	240m	5C			CN1d
100	D4	20p	3.0M†			20	100G	100u	±15	210m		FET input		
101	3402A	20p	10M		10p†	20	100G†	50u	±15	450m	28			
102	A140	20p♦	10M	1.0m		10	100G	25uL	±15	450 †	28			
103	AM405-2	20p♦	20M†	30m	20p♦	20	1.0T†	50u♦	±15	180m†	07		5LM31HX	TO99
104	AM405-2M	20p♦	20M†	30M	20p♦	20	10T†	50u♦	±15	180m†	5C		5LM31HX	TO99
105	1433-01	20p	60M	60m	20p♦	20	1.0T	30u	±15	180m	5C			CN1d
106	AM406-2	20p♦	100M†	15m	20p♦	20	1.0T†	50u♦	±15	120m†	07		5LM31HX	TO99
107	AM406-2M	20p♦	100M†	15m	20p♦	20	10T†	50u♦	±15	120m†	5C		5LM31HX	TO99
108♦	OA103	25p♦		1.0m		24	10G†	45u	15.0 ±	105m	28		1LM07NX	DL14f
109	1428	25p♦	1.0M	2.0m	5.0p♦	20	100G†	50u	±15	90m	28			FPØ
110	AD3542J	25p♦	1.0M	20m	5.0p♦	20	100G	50u	±15	120m	07		1LM01HX	TO99

5. OPERATIONAL AMPLIFIERS – Single (cont'd)

IN ORDER OF (1) IIB MAX (2) BW UNITY GAIN MIN (3) VIO MAX (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO/ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1	LH0042F883	25p♦	1.0M†	20m	5.0p♦	24	1.0T†	20u♦	±15	105m	5C		00LM42HX	FP18
2	LH0042F	25p♦	1.0M†	20m	5.0p♦	24	1.0T†	20u♦	±15	105m	5C		00LM42HX	FP37
3	LH0042H	25p♦	1.0M†	20m	5.0p♦	24	1.0T†	20u♦	±15	105m	5C		00LM42HX	CN17g
4	3503A	25p♦	1.0M†	50m	5.0p†	22	100G†	75u	±15	180m	28	740,741 rplcmnt	7LM40HX	TO99
5	3503R	25p♦	1.0M†	50m	5.0p†	22	100G†	75u	±15	180m	5C	740,741 rplcmnt	7LM40HX	TO99
6	008C	25p♦	4.0M†	2.0m		20	100G†	75u	±15	90m	28			FP1
7	1408	25p♦	4.0M†	2.0m	10p♦	20	100G	75u	±15	270m	28			
8	1427-01	25p♦	6.0M	500u		20	100G†	25u	±15	450m	28			CN2p
9	OPA605HG☒	25p-	200M†	250u†	2.0p	20	1.0T†	25u	15		5C	Settling time 300nSF	6LM05ZX	DL14cw
10	AD516JH	30p	1.0MΔ	3.0m	20p	20	100G	75u	±15	210m	07	FET input		TO99
11	AD513JH	30p	1.0M	50m	20p	20	100G	75u	±15	210m	07	FET input; High Spd		TO99
12	1402-02	30p	2.5M†	300u	10p	24	1.0T†	50u	±15	30m	28			CN2
13	1402-01	30p	2.5M†	1.0m	10p	24	1.0T†	50u	±15	30m	28			CN2
14	1402	30p	2.5M†	3.0m	10p	24	1.0T†	50u	±15	30m	28			CN2
15	CA3140BS#1	30p♦	4.5M†	3.0m	10p♦	27 §	1.5T†	5.0u	±15	180m	5C		31LM40HX	CN46
16	CA3140BT#1	30p♦	4.5M†	3.0m	10p♦	27 §	1.5T†	5.0u	±15	180m	5C		31LM40HX	MO002AL
17	CA3240AS	40p		5.0m	20p	11 §	1.5T†		15 §	90m	5C		31LM40HX	CN46
18	CA3240AT	40p		5.0m	20p	11 §	1.5T†		15 §	90m	5C		31LM40HX	MO002AL
19	CA3240S	50p		15m	30p	11 §	1.5T†		15 §	90m	5C		31LM40HX	CN46
20	CA3240T	50p		15m	30p	11 §	1.5T†		15 §	90m	5C		31LM40HX	MO002AL
21	9710	50p	20m†	10m	10p	20 †	10G	10u	±15	120m	58			
22	AM7611C	50p♦	44k	5.0m	30p♦	7.4	10T	15u♦	10	250m	07			TO99
23	AM7611M	50p♦	44k	5.0m	30p♦	7.4	10T	15u♦	10	250m	5C		42LM50HX	TO99
24	AM7612C	50p♦	44k	5.0m	30p♦	7.4	10T	15u♦	10	250m	07			TO99
25	AM7612M	50p♦	44k	5.0m	30p♦	7.4	10T	15u♦	10	250m	5C		42LM50HX	TO99
26	AM7613C	50p♦	44k	5.0m	30p♦	7.4	10T	15u♦	10	250m	07		42LM50HX	TO99
27	AM7613M	50p♦	44k	5.0m	30p♦	7.4	10T	15u♦	10	250m	5C		42LM50HX	TO99
28	AM7614C	50p♦	44k	5.0m	30p♦	7.4	10T	15u♦	10	250m	07		42LM50HX	TO99
29	AM7614M	50p♦	44k	5.0m	30p♦	7.4	10T	15u♦	10	250m	5C		42LM50HX	TO99
30	AM7615C	50p♦	44k	5.0m	30p♦	7.4	10T	15u♦	10	250m	07		42LM50HX	TO99
31	AM7615M	50p♦	44k	5.0m	30p♦	7.4	10T	15u♦	10	250m	5C		42LM50HX	TO99
32♦	AD514J	50p	750k†	50m		20	10G†	75u	±15	210m	07		5LM31HX	TO99
33	9709	50p	1.0M†	100u	10p	24 †	10G	500n	±15	90m	58			
34	1421-24	50p♦	1.0M	15m		24	1.0T†	50u	±15	105m	28		7LM41HX	TO99
35	AD0042C	50p♦	1.0M	20m		20	1.0T†	25u	±15	120m	07		1LM07HX	TO99
36	LH0042CF	50p♦	1.0M†	20m	10p♦	24	1.0T†	25u♦	±15	120m	28		00LM42HX	FP37
37	1001CT	50p♦	1.0M†	50m	500n†	20	1.0M†	75u	±15	180m	07		1LM07HX	CN37a
38	3540J	50p♦	1.0M	50m	.50p♦	20	10G	75u	±15	180m†	06		35LM40HX	TO99
39	8007C	50p	1.0M	50m	.50p			75u	3		07	Compensated		CN1g
40	LF155ADE	50p♦	2.5M†	2.0m	10p♦	22	1.0T	5.0u	±15	120m	5C			DL8aa
41♦	LF155AF	50p	2.5M†	2.0m	10p	11 ±	1.0T†	3.0u	15 ±	670m	5C	comp; biFET; nullable	7LM41HX	CN1d
42	LF355ADE	50p♦	2.5M†	2.0m	10p♦	22	1.0T	5.0u	±15	120m	07			DL8aa
43	L120AA	50p♦	3.0MΔ	200m	50p♦	24	1.0G		±15	500m	5C			TO100
44	LF156ADE	50p♦	4.5M†	2.0m	10p♦	22	1.0T	5.0u	±15	120m	5C			DL8aa
45	LF356ADE	50p♦	4.5M†	2.0m	10p♦	22	1.0T	5.0u	±15	120m	07			DL8aa
46	uAF156AHC	50p♦	5.0M	2.0m	10p♦	22	1.0T†	5.0u	±15	210m	07		7LM41HX	CN1d
47	1422	50p♦	5.0M	15m	5.0p♦	24	100G†	50u	±15	90m	28			TO99
48	1427	50p♦	6.0M	1.0m		20	100G†	50u	±15	450m	28			CN2p
49	LF157ADE	50p♦	10M†	2.0m	10p♦	22	1.0T	5.0u	±15	120m	5C			DL8aa
50	LF357ADE	50p♦	20M†	2.0m	10p♦	22	1.0T	5.0u	±15	120m	07			DL8aa
51♦	LD357A	50p♦	20M†	2.3m	10p♦	11 ±	1.0T†	5.0u	15 ±	300m	07	decomp; biFET; nullbl	7LM41HX	CH☒
52♦	LD157A	50p♦	20M†	2.5m	10p♦	11 ±	1.0T†	5.0u	15 ±	210m	5C	decomp; biFET; nullbl	7LM41HX	CH☒
53	9711	50p	60M†	15m	10p	20 †	10G	100u	±15	450m	57			
54♦	OA105	75p♦		1.0m		24	100G†	20u	15.0 ±	105m	58		1OA05JX	DL14f
55♦	OA106	75p♦		1.0m		24	100G†	50u	15.0 ±	105m	58		1OA05JX	DL14f
56♦	OA107	75p♦		1.0m		24	100G†	20u	15.0 ±	105m	58		1OA05JX	DL14f
57♦	OA108	75p♦		1.0m		24	100G†	50u	15.0 ±	105m	58		1OA05JX	DL14f
58	CTS0032	100p		2.0m	25p		10T		±18	500m	5C		00LM32ZX	TO8
59♦	2709BG	100p♦		4.0m†	100p♦	8.0 ±	100M	15u♦	15.0 ±	180m	5C	decompensated	7LM09H	CN☒
60♦	OA109	100p♦		5.0m		24	100G†	100u	15.0 ±	105m	28		1OA05JX	DL14f
61	AMLM216A	100p		6.0m	30p	26	5.0G		±20	24m	28		7LM25HX	TO99
62	AMLM216AD	100p		6.0m	30p	26	5.0G		±20	24m	28		7LM25NX	DL14m
63	AMLM316A	100p		6.0m	30p	26	5.0G		±20	24m	07		7LM25HX	TO99
64	AMLM316AD	100p		6.0m	30p	26	5.0G		±20	24m	07		7LM25NX	DL14m
65	LM116AD	100p		6.0m	30p	26	5.0G		±20	24m	28		7LM25HX	14-21
66	LM116AF	100p		6.0m	30p	26	5.0G		±20	24m	28		7LM25HX	FP2n
67	LM116AH	100p		6.0m	30p	26	5.0G		±20	24m	28		7LM25HX	TO99
68	LM216AD	100p		6.0m	30p	26	5.0G		±20	24m	28		7LM25HX	DL14bv
69	LM216AF	100p		6.0m	30p	26	5.0G		±20	24m	28		7LM25HX	FP37
70	LM316AD	100p		6.0m	30p	26	5.0G		±20	24m	07		7LM25HX	DL14bv
71	LM316AF	100p		6.0m	30p	26	5.0G		±20	24m	07		7LM25HX	FP37
72	2809BG	100p♦		8.0m†	100p♦	20	100M	25u♦	±15	180m	5C			CN☒
73	D4084	100p	2.0k	.20m	2.0n	20		50u	±22	1.4	05	FET input		
74	3002/16	100p♦	500k	2.5mL		8.0	100G†	15u	12	24m	48			DL14a
75♦	NE536	100p	1.0M	90m	5.0p			30u	15.0 ±	180m	07		7LM41HX	CN1g
76	LF155DE	100p♦	2.5M†	5.0m	20p♦	22	1.0T	5.0u	±15	120m	5C			DL8aa
77	PM255Z	100p	2.5M†	5.0m	20p	20	1.0T†	5.0u	±22	570m	28		7LM41HX	DL8ba
78	MA337	100p	3.0M	100u	30p	24		10u	±18	500m	57		3MA33HX	
79	LF156DE	100p♦	4.5M†	5.0m	20p♦	22	1.0T	5.0u	±15	120m	5C			DL8aa
80	PM256Z	100p	5.0M†	5.0m	20p	20	1.0T†	5.0u	±22	570m	28		7LM41HX	DL8ba
81	3013/16	100p♦	8.0M	2.0mL		20	100G†	15u	±15	240m	48			DL14a
82	H60	100p♦	10M			20	100G†	40u♦	±15	750m	58			CN2f
83	LF157DE	100p♦	20M†	5.0m	20p♦	22	1.0T	5.0u	±15	120m	5C			DL8aa
84	PM257Z	100p	20M†	5.0m	20p	20	1.0T†	5.0u	±22	570m	28		7LM41HX	DL8ba
85♦	LD157	100p♦	20M†	7.0m	20p♦	11 ±	1.0T†	5.0u	15 ±	210m	5C	decomp; biFET; nullbl	7LM41HX	CH☒
86	9728	100p	1.0G†	10m	30p	6.0 †	10G	100u	±15	180m	57			
87	3008/16	105pL	1.0M	3.5mL		20	500k†	10u	±15	150m	48			DL14a
88	3010/16	110pL	10M	60uL		30 ☒	500k†	.50u	±15	300m	48			DL14a
89	2392	130p	800kΔ	1.3m	25p	20	1.0T	5.0m	±15	375m	28			
90	3009/16	130pL	1.0M†	5.0mL		20	500k†	20u	±15	150m	48			DL14a
91♦	RM116T	150p		10m	50p	26	1.0G		20.0 ±	32m	28		7LM25HX	TO99
92	MA403IP	150p	1.0M	2.0m	50p	30	1.0T†	20u	±18	61m†	28		7LM41HX	DL8ah
93	MA407	150p	1.0M	2.0m	50p	30	1.0T†	20u	±18	245m†	28			DL14ce
94	MA339CP	150p	1.0MΔ	10m	50p	24	1.0 †	20u	±15	90m	07			DL8☒
95 ♦	MA340	150p	2.0M	300u	50p	24	1.0T†	5.0u	±15	51m†	07			
96♦	A980	150p♦	3.0M	20u†	50p♦	20	1.0G	200n♦	15.0 ±	104m	07		5LM80HX	TO99
97	MA34022	150p♦	4.0M†	2.0m	70p♦	22	1.0T†	5.0u	±15	162	07			CH☒
98	CA580	150p♦	8.0MΔ	20u			100M	200n♦	±15	105m	07		5LM80HX	TO99
99♦	Q25AH	150p♦	30M		10p♦	20	100G	55u	15.0 ±	228m	5C		5LM01ZX	CN2
100	1407	150p♦	30M	10m	10p♦	20	100G	55u	±15	228m	5C			CN2
101	1407-01	150p♦	30M	10m	10p♦	20	100G	25u	±15	228m	5C			CN2
102	3011/16	180pL	10M	.10mL		30 ☒	500k†	1.0u	±15	300m	48			DL14a
103	MA00017	200p	400kΔ	3.0m	50p	21		15u	±15	240m	07		3MA33HX	
104	3018/16	200p♦	1.0M	1.8mL		20	100G†	15u	±15	150m	48			DL14a
105♦	uA740	200p	1.0M	50m	40p				15.0 ±	126m	5C		7LM41HX	CN1g
106	LF355DE	200p♦	2.5M†	10m	50p♦	22	1.0T	5.0u	±15	120m	07			DL8aa
107	PM355Z	200p	2.5M†	10m	50p	20	1.0T†	5.0u	±18	500m	07		7LM41HX	DL8ba
108♦	LF355	200p	2.5M	13m	50p	11 ±	1.0T†	5.0u	15 ±	120m	07	comp; biFET; nullable	7LM41HX	
109	MA365	200p	2.5M	13m	50p	20	1.0T†	5.0u	±15	300m	07			
110	TOA1740V	200p♦	3.0M†	20n	40n♦	20	1.0T†		±15	156m	5C		7LM40HX	TO99

5. OPERATIONAL AMPLIFIERS – Single (cont'd)

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (±V)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	T C E O M D P E - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1	TL087ML	200p♦	3.0M†	500u	100p♦			10u	±15	84m	5C		7LM41HX	CN1k
2	TL088ML	200p♦	3.0M†	3.0m	100p♦			10u	±15	84m	5C		7LM41HX	CN1k
3	HA17080GSA	200p	3.0M†	6.0m	100p	22	1.0T†		±15	625m	48		1LM01HX	DL8au
4	HA17080PSA	200p	3.0M†	6.0m	100p	22	1.0T†		±15	625m	27		1LM01HX	DL8au
5	uA771LRC	200p	3.0M†	15m	100p	22	10T†		±18	670m	07		7LM41HX	DL8bk
6	uA740AHM	200p	3.0M†	20m	150p				±22	228m	5C		3LM43HX	CN1d
7	MA344CP	200p	4.0M	2.0m	50p	24	1.0T†	5.0u	±15	51m†	07		7LM41HX	
8	LF356DE	200p♦	4.5M†	10m	50p♦	22	1.0T	5.0u	±15	120m	07			DL8aa
9	PM356Z	200p	5.0M†	10m	50p	20	1.0T†	5.0u	±18	500m	07		7LM41HX	DL8ba
10♦	LF356	200p	5.0M	13m	50p	11 ±	1.0T†	5.0u	15 ±	300m	07	comp; biFET; nullable	7LM41HX	
11	OP16CP	200p	7.6M	4.5m	50p	21	1.0T†	15u	±15	240m	07		7LM41HX	
12	MA00357CP	200p♦	10M	10m	50p♦	10 ±		15u♦	15 ±	300m	07		3MA33HX	CHØ
13	MA00357MD	200p♦	10M	10m	50p♦	10 ±		15u♦	15 ±	300m	6F		3MA33HX	CHØ
14	OP15CP	200p	12M†	4.5m	50p	21	1.0T†	15u	±15	150m	07		7LM41HX	
15	LF357DE	200p♦	20M†	10m	50p♦	22	1.0T	5.0u	±15	120m	07			DL8aa
16	PM357Z	200p	20M†	10m	50p	20	1.0T†	5.0u	±18	500m	07		7LM41HX	DL8ba
17♦	LD357	200p♦	20M†	13m	50p♦	11 ±	1.0T†	5.0u	15 ±	300m	07	decomp; biFET; nullbl	7LM41HX	CHØ
18	OP17CP	200p	28M	4.5m	50p	21	1.0T†	15u	±15	240m	07		7LM41HX	
19	1437-80	200p†	350M†	2.0m±	20p♦	12 ±			15 ±		5C			TO99
20	AMLM216	250p		15m	100p	26	1.0G		±20	32m	28		7LM25HX	TO99
21	AMLM216D	250p		15m	100p	26	1.0G		±20	32m	28		7LM25NX	DL14m
22	AMLM316	250p		15m	100p	26	1.0G		±20	32m	07		7LM25HX	TO99
23	AMLM316D	250p		15m	100p	26	1.0G		±20	32m	07		7LM25NX	DL14m
24	LM116D	250p		15m	100p	26	1.0G		±20	32m	28		7LM25HX	14-21
25	LM116F	250p		15m	100p	26	1.0G		±20	32m	28		7LM25HX	FP2n
26	LM116H	250p		15m	100p	26	1.0G		±20	32m	28		7LM25HX	TO99
27	LM216D	250p		15m	100p	26	1.0G		±20	32m	28		7LM25HX	DL14bv
28	LM216F	250p		15m	100p	26	1.0G		±20	32m	07		7LM25HX	FP37
29	LM316D	250p		15m	100p	26	1.0G		±20	32m	07		7LM25HX	DL14bv
30	LM316F	250p		15m	100p	26	1.0G		±20	32m	07		7LM25HX	FP37
31♦	228A	320p		1.5m	160p	10	100G	10u	15.0 ±	300m				CN2
32♦	238A	320p		1.6m	160p	10	100G	10u	15.0 ±	270m				CN2d
33♦	228B	320p	7.0 Δ	2.5m	160p	10	100G	25n	15.0 ±	300m				CN2
34♦	238B	320p	12 Δ	2.5m	160p	10	100G	25u	15.0 ±	270m				CN2d
35	AD511C	350p	1.0MΔ	2.5m	350p	20	100G	25u	±22	500m	28	FET input; GP		
36	ADP511C	350p	1.0MΔ	2.5m	350p	20	100G	25u	±22	500m	28			
37	TL091IJG	0.4n♦		9m	0.2n♦	36	1.0T†		18 ±	1.1	48		7LM41HX	DL8v
38	TL091IP	0.4n♦		9m	0.2n♦	36	1.0T†		18 ±	1.0	48		7LM41HX	DL8p
39	MA00087CP	400p♦	160kΔ	500u	100p♦	11 ±		15u♦	15 ±	90m	07		7LM41HX	CHØ
40	MA00088CP	400p♦	160kΔ	3.0m	100p♦	11 ±		15u♦	15 ±	90m	07		7LM41HX	CHØ
41	AD503LH	400p	1.0MΔ	1.0m	200p	20	100G	25u	±22	500m	07	FET input		TO99
42	AD513LH	400p	1.0MΔ	1.0m	200p	20	100G	25u	±22	500m	07	FET input; High Spd		TO99
43	MA00287	400p♦	3.0M†	500u	100p♦	22	1.0T†	10u	±15	168	07			
44	TL087CL	400p♦	3.0M†	500u	100p♦	20	1.0T†	10u	±15	84m	07		7LM41HX	CN1k
45	TL088CL	400p♦	3.0M†	3.0m	100p♦	20	1.0T	10u	±15	84m	07		7LM41HX	CN1k
46	3012/16	400pL	5.0M	.25mL		30 Ø	500k†	2.0u	±15	300m	48			DL14a
47	SL748A	500p		6.0m	200n	24	300k		±15	85m	5C		7LM77HX	CN11e
48♦	228C	640p		5.0m	320p	10	100G	50u	15.0 ±	300m				CN2
49♦	238C	640p		5.0m	320p	10	100G	50u	15.0 ±	270m				CN2d
50	AD511B	650p	1.0MΔ	2.5m	350p	20	100G	25u	±22	500m	28	FET input; GP		
51	ADP511B	650p	1.0MΔ	2.5m	350p	20	100G	25u	±22	500m	28			
52	monoOP08EJ	700p	1.0M†	850u	140n	24	230M	4.5u	±15	120m	07		7LM25HX	TO99
53♦	monoOP08EP	700p	1.0M†	850u	140n	24	230M	4.5u	15.0 ±	120m	07	Decompensated	1LM08NX	TO116
54	CA080BE	0.7n	5.0M†	5.0m	0.4n	24	1.5T†		±15	625m	07	composite FET input		DL8ad
55	monoOP08AJ	990p	1.0M†	1.0m	330p	24	230M	4.5u	±15	120m	5c		7LM25HX	TO99
56♦	monoOP08AL	990p	1.0M†	1.0m	330p	24	230M	4.5u	15.0 ±	120m	5c	Decompensated	1LM08FX	TO91
57♦	monoOP08AP	990p	1.0M†	1.0m	330p	24	230M	4.5u	15.0 ±	120m	5c	Decompensated	1LM08NX	TO116
58	monoOP08BJ	990p	1.0M†	6.5m	380n	24	160M	10u	±15	120m	28		7LM25HX	TO99
59♦	monoOP08BL	990p	1.0M†	6.5m	380n	24	160M	10u	15.0 ±	120m	28	Decompensated	1LM08FX	TO91
60♦	monoOP08BP	990p	1.0M†	6.5m	380n	24	160M	10u	15.0 ±	120m	28	Decompensated	1LM08NX	TO116
61	HT58	1.0n				20	250	500n	60	1.5				CBØ
62	1012MT	1.0n	3.0M	60u	500p	20	100M†	.60u	±15	150m	5C		5LM80HX	CN53
63	1012CT	1.0n	3.0M	80u	500p	20	100M†	.20u	±15	150m	07		5LM80HX	CN53
64	CA080AE	1.0n	5.0M†	7.5m	0.6n	24	1.5T†		±15	625m	07	composite FET input		DL8ad
65	HA2-2055A	1.0n	20M†	17m	500p	20	1.0T†		±15	240m	07		5LM31HX	TO99
66	1434	1.0n	20M†	60m	500p	20	1.0T†	75u	±15	240m	07			TO99
67	1014CT	1.0n	20M	65m	5.0n	20	1.0T†	50u	±15	240m	07		5LM31HX	TO99
68	HA2-2055	1.0n	20M†	65m	500p	20	1.0T†		±15	240m	07		5LM31HX	TO99
69	1433	1.0n	60M	60m	500p	20	1.0T†	70u	±15	180m	07			TO99
70	HA2-2065A	1.0n	100M†	15m	500p	20	1.0T†		±15	180m	07		5LM31HX	TO99
71	1015CT	1.0n	100M†	65m	500p	20	1.0T†	50u	±15	180m	07		5LM31HX	TO99
72	HA2-2065	1.0n	100M†	65m	500p	20	1.0T†		±15	180m	07		5LM31HX	TO99
73	OP15FP	1.1n	13M†	1.5m	800p	20	1.0T†	10u	±15	120m	07		7LM41JX	DL8j
74	OP16FP	1.4n	18M†	1.5m	1.1n	23	1.0T†	10u	±15	210m	07		7LM41JX	DL8j
75	PM741Z#mil	1.5n		6.0m	500n		0.3m	7.1m	±15	500m	5C		7LM41HX	
76	RM4558DN	1.5n		6.0m	500n	24	30		±15	170m	5C		14LM58HX	DL8g
77	SN52709FA	1.5nL		6.0m	500nL	16	150k	3.0u	±15	165m	07		7LM09FX	FP2t
78	SN52709JA	1.5nL		6.0m	500nL	16	150k	3.0u	±15	165m	07		7LM09NX	14-25
79	OP15GP	1.5n	12M†	3.8m	1.2n	20	1.0T†	15u	±15	150m	07		7LM41JX	DL8j
80	AD511A	1.6n	1.0MΔ	6.5m	1.6n	20	100G	75u	±22	500m	28	FET input; GP		
81	ADP511A	1.6n	1.0MΔ	6.5m	1.6n	20	100G	75u	±22	500m	28	FET input; Gen pupse		
82	monoOP08J	1.7n	1.0M†	2.7m	500p	24	230M	6.0u	±15	120m	5c		7LM25HX	TO99
83♦	monoOP08L	1.7n	1.0M†	2.7m	500p	24	230M	6.0u	15.0 ±	120m	5c	Decompensated	1LM08FX	TO91
84♦	monoOP08P	1.7n	1.0M†	2.7m	500p	24	230M	6.0u	15.0 ±	120m	5c	Decompensated	1LM08NX	TO116
85	OP08BZ	2.0n		.30m	.20n	26	26M	3.5u	±20	500m	5C		1LM08HX	DL8ba
86	AD108AH	2.0n		500u	200p	28		5u	±15	18m	5C	low bias current		TO99
87	AD208AH	2.0n		500u	200p	28		5u	±15	18m	28			TO99
88	TOA2740V	2.0n♦	1.0M†	30n†	60n♦	24	1.0T†		±15	240m	07		7LM40HX	TO99
89	LM108A	2.0n	1.0M	.50m	.05n			5.0u	±20	12m	5C	Op Amp/Buffer Amp		CN1g
90	LM208A	2.0n	1.0M	.50m	.05n			5.0u	±20	12m	28	Op Amp/Buffer Amp		CN1g
91	LM108	2.0n	1.0M	2.0m	.05n			15u	±20	12m	5C	Op Amp/Buffer Amp		CN1g
92	LM208	2.0n	1.0M	2.0m	.05n			15u	±20	12m	28	Op Amp/Buffer Amp		CN1g
93	monoOP08CJ	2.0n	1.0M†	9.5m	700n	24	50M	18u	±15	150m	07		7LM25HX	TO99
94♦	monoOP08CP	2.0n	1.0M†	9.5m	700n	24	50M	18u	15.0 ±	150m	07	Decompensated	1LM08NX	TO116
95♦	OA303	2.0n♦	2.0M	1.0m	400p♦	20	1.0G†	5.0u	15.0 ±	750m	27			
96	CA080CS	2.0n	5.0M†	20m	1.0n	20	1.5T†		±15	680m	07	composite FET input		TO5
97	CA080CT	2.0n	5.0M†	20m	1.0n	20	1.5T†		±15	680m	07	composite FET input		MO002AL
98	CA081CT	2.0n	5.0M†	20m	1.0n	20	1.5T†		±15	680m	07		7LM41HX	MO002AL
99	OP08FP	2.6n	800k	260u	300p	28	26M	2.5u	±15	18m	07		1LM08HX	DL8j
100	CA108AS	3.0n		1.0m	400p	27	30M	5.0u♦	±15	18m	5C		1LM08HX	CN46
101	CA108AT	3.0n		1.0m	400p	27	30M	5.0u♦	±15	18m	5C		1LM08HX	MO002AL
102	CA208AS	3.0n		1.0m	400p	27	30M	5.0u♦	±15	18m	28		1LM08HX	CN46
103	CA208AT	3.0n		1.0m	400p	27	30M	5.0u♦	±15	18m	28		1LM08HX	MO002AL
104	CTS108A	3.0n		1.0m	400p			5.0u	±20	500m	5C		1LM08FX	TO5
105	LM108ADE03	3.0n		1.0m	400p	27	30M	5.0u	±20	24m	5C	Op Amp/Buffer Amp		DL8t
106	LM108ADE	3.0n		1.0m	400p	27	30M	5.0u	±20	24m	5C	Op Amp/Buffer Amp		DL8aa
107	LM108AF883	3.0n		1.0m	400p	27	30m	5.0u	±20	24m	5C	Op Amp/Buffer Amp		FP2n
108	LM108AJ03	3.0n		1.0m	400p	27	30M	5.0u	±20	24m	5C	Op Amp/Buffer Amp		TO116
109	LM108AJØ	3.0n		1.0m	400p	27	30M	5.0u	±20	24			1LM08HX	DL14bk
110	LM108AJ-8	3.0n		1.0m	400p	27	30M	5.0u	±20	24m	5C		1LM08HX	DL8ag

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (±V)	RI DIFF MODE MIN (Ω)	ΔVIO/ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP - CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	LM108J03	3.0n		1.0m	400p	27	30M	5.0u	±20	24m	5C		1LM08HX	FP37
2	LM208ADE	3.0n		1.0m	400p	27	30M	5.0u	±20	24m	28		1LM08HX	DL8aa
3	LM208AJ-8	3.0n		1.0m	400p	27	30M	5.0u	±20	24m	28		1LM08HX	DL8aq
4	LM208AN	3.0n		1.0m	400p	27	30M	5.0u	±20	24m	28		1LM08HX	DL8ah
5	JANM38510/10104ACA	3.0n		1.0m	400p	40 ⧄		5.0u	±20	18m	5C		1LM08NX	DL14bb
6	JANM38510/10104ACB	3.0n		1.0m	400p	40 ⧄		5.0u	±20	18m	5C		1LM08NX	DL14bb
7	JANM38510/10104ACC	3.0n		1.0m	400p	40 ⧄		5.0u	±20	18m	5C		1LM08NX	DL14bb
8	JANM38510/10104AGA	3.0n		1.0m	400p	40 ⧄		5.0u	±20	18m	5C		1LM08HX	CN1t
9	JANM38510/10104AGC	3.0n		1.0m	400p	40 ⧄		5.0u	±20	18m	5C		1LM08HX	CN1t
10	JANM38510/10104AHA	3.0n		1.0m	400p	40 ⧄		5.0u	±20	18m	5C		1LM08FX	FP31
11	JANM38510/10104AHC	3.0n		1.0m	400p	40 ⧄		5.0u	±20	18m	5C		1LM08FX	FP31
12	PM2208AQ	3.0n		1.0m	400p	26	30M	5.0u	±15	18m	28		1LM08NX	DL16ah
13♦	SG118AT	3.0n		1.0m	400p	11.5 ±	30m	5.0u	15.0 ±	24m	5C	comp; nullable	7LM41H	TO99
14♦	SG218AT	3.0n		1.0m	400p	11.5 ±	30m	5.0u	15.0 ±	24m	28	comp; nullable	LM18HX	TO99
15♦	SG318AT	3.0n		1.0m	400p	11.5 ±	30m	5.0u	15.0 ±	24m	07	comp; nullable	LM18HX	TO99
16	SN52108AFA	3.0n		1.0m	400u	27	30M	5.0u	±20	24m	5C		1LM08HX	FP2t
17	SN52108AJA	3.0n		1.0m	400u	27	30M	5.0u	±20	24m	5C		1LM08HX	14-25
18	SN52108AJP	3.0n		1.0m	400u	27	30M	5.0u	±20	24m	5C		1LM08HX	DL8q
19	SN52108AL	3.0n		1.0m	400p	27	30M	5.0u	±20	24m	5C		1LM08HX	TO99
20	SN52108AN	3.0n		1.0m	400p	27	30M	5.0u	±20	24m	5C		1LM08HX	DL14x
21	uA108ADM	3.0n		1.0m	400p	27	30M	5.0u	±20	18m	5C		1LM08HX	DL14br
22	uA108AFM	3.0n		1.0m	400p	27	30M	5.0u	±20	18m	5C		1LM08HX	FP2w
23	uA208ADM	3.0n		1.0m	400p	27	30M	5.0u	±20	18m	28		1LM08HX	DL14br
24	uA208AFM	3.0n		1.0m	400p	27	30M	5.0u	±20	18m	28		1LM08HX	FP2w
25	AD108H	3.0n		3.0m	400p	28	30M	15u	±15	18m	5C		1LM08HX	TO99
26	AD208H	3.0n		3.0m	400p	28	30M	15u	±15	18m	28		1LM08HX	TO99
27	AMLM112	3.0n		3.0m	400p	27	30M	15u	±20	24m	5C		7LM25HX	TO99
28	AMLM112D	3.0n		3.0m	400p	27	30M	15u	±20	24m	5C		7LM25NX	DL14m
29	AMLM112F	3.0n		3.0m	400p	27	30M	15u	±20	24m	5C		7LM25FX	FP18
30	AMLM212	3.0n		3.0m	400p	27	30M	15u	±20	24m	28		7LM25HX	TO99
31	AMLM212D	3.0n		3.0m	400p	27	30M	15u	±20	24m	28		7LM25HX	DL14m
32	CA108S	3.0n		3.0m	400p	27	30M	15u♦	±15	18m	5C		1LM08HX	CN46
33	CA108T	3.0n		3.0m	400p	27	30M	15u♦	±15	18m	5C		1LM08HX	MO002AL
34	CA208S	3.0n		3.0m	400p	27	30M	15u♦	±15	18m	28		1LM08HX	CN46
35	CA208T	3.0n		3.0m	400p	27	30M	15u♦	±15	18m	28		1LM08HX	MO002AL
36	LA108H	3.0n		3.0m	400p	28	30M	15u	±15	18m	5C		1LM08HX	CN1c
37	LM108E	3.0n		3.0m	400u	27	30M	15u	±20	12m	5C		1LM08HX	TO99
38	LM108J⧄	3.0n		3.0m	400p	27	30M	15u	±20	24	5C		1LM08HX	DL14bk
39	LM108J-8	3.0n		3.0m	400p	27	30M	15u	±20	24m	5C		1LM08HX	DL8aq
40	LM112D	3.0n		3.0m	400p	27	30M	15u	±20	24m	5C		7LM25HX	DL14bv
41	LM112F	3.0n		3.0m	400p	27	30M	15u	±20	24m	5C		7LM25FX	FP37
42	LM112H03	3.0n		3.0m	400p	27	30M	15u	±20	24m	5C		7LM25HX	TO99
43	LM208DE	3.0n		3.0m	400p	27	30M	15u	±20	24m	28		1LM08HX	DL8aa
44	LM208E	3.0n		3.0m	400u	27	30M	15u	±20	12m	28		1LM08HX	TO99
45	LM208H⧄	3.0n		3.0m	400u	27	30M	15u	±20	12m	28		1LM08HX	TO91
46	LM208J-8	3.0n		3.0m	400p	27	30M	15u	±20	24m	28		1LM08HX	DL8aq
47	LM212D	3.0n		3.0m	400p	27	30M	15u	±20	24m	28		7LM25HX	DL14bv
48	LM212F	3.0n		3.0m	400p	27	30M	15u	±20	24m	28		7LM25FX	FP37
49	PM2208Q	3.0n		3.0m	400p	26	30M	15u	±15	18m	28		1LM08NX	DL16ah
50	SFC2108AM	3.0n		3.0m	200p	28	30M	15u	±20		5C		1LM08HX	TO99
51	SFC2208PT	3.0n		3.0m	400p	28	30M	15u	±20		28		1LM08FX	TO91
52	SN52108FA	3.0n		3.0m	400u	27	30M	15u	±20	24m	5C		1LM08HX	FP22
53	SN52108JA	3.0n		3.0m	400u	27	30M	15u	±20	24m	5C		1LM08HX	14-25
54	SN52108L	3.0n		3.0m	400p	27	30M	15u	±20	24m	5C		1LM08HX	TO99
55	SN52108N	3.0n		3.0m	400p	27	30M	15u	±20	24m	5C		1LM08HX	DL14x
56	uA108DM	3.0n		3.0m	400p	27	30M	15u	±20	18m	5C		1LM08HX	DL14br
57	uA208DM	3.0n		3.0m	400p	27	30M	15u	±20	18m	28		1LM08HX	DL14br
58	uA208FM	3.0n		3.0m	400p	27	30M	15u	±20	18m	28		1LM08HX	FP2w
59	SG108AJ	3.0n	300k†	1.0m	400p	27	30M	5.0u	±20	24m	5C		1LM08HX	TO116
60	SG208AJ	3.0n	300k†	1.0m	400p	27	30M	5.0u	±20	24m	28		1LM08HX	TO116
61	SG1118AJ	3.0n	300k†	1.0m	400p	27	30M	5.0u	±15	24m	5C		1LM08HX	TO116
62	SG1118AT	3.0n	300k†	1.0m	400p	27	30M	5.0u	±15	24m	5c		1LM08HX	TO99
63	SG2118AJ	3.0n	300k†	1.0m	400p	27	30M	5.0u	±15	24m	28		1LM08HX	TO116
64	SG2118AM	3.0n	300k†	1.0m	400p	27	30M	5.0u	±15	24m	28		1LM08HX	DL8h
65	SG2118AT	3.0n	300k†	1.0m	400p	27	30M	5.0u	±15	24m	28		1LM08HX	TO99
66	SG3118AT	3.0n	300k†	1.0m	400p	27	30M	5.0u	±15	24m	07		1LM08HX	TO99
67	ICL108LNTY	3.0n	300k†	3.0m	400p	27		15u	±20	24m	5c	Low Noise/General Prp		TO99
68	SG108J	3.0n	300k†	3.0m	400p	27	30M	15u	±20	24m	5C		1LM08HX	TO116
69	SG208J	3.0n	300k†	3.0m	400p	27	30M	15u	±20	24m	28		1LM08HX	TO116
70	SG208M	3.0n	300k†	3.0m	400p	27	30M	15u	±20	24m	28		1LM08HX	DL8h
71	SG1118J	3.0n	300k†	3.0m	400p	27	30M	15u	±15	24m	5C		1LM08HX	TO116
72	SG1118T	3.0n	300k†	3.0m	400p	28	30M	15u	±15	24m	5c		1LM08HX	TO99
73	SG2118J	3.0n	300k†	3.0m	400p	27	30M	15u	±15	24m	28		1LM08HX	TO116
74	SG2118M	3.0n	300k†	3.0m	400p	27	30M	15u	±15	24m	28		1LM08HX	DL8h
75	SG2118T	3.0n	300k†	3.0m	400p	27	30M	15u	±15	24m	28		1LM08HX	TO99
76♦	OP05J8	3.0n	400k	500u	2.8n	27	20M	2.0u	15	120m	5C	Int Comp;114dB CMRR	2LM7HX	DL8ba
77	AM414-2M	3n	600k	75u	2.8p	26	200G	1.3u	±15	150m	5C		7LM41HX	CN1q
78	OP08BJ	3.0n	800k†	600u	400p	27	26M	3.5u	±15	18m	5C		1LM08HX	TO99
79	LA108AH	3.0n	800kΔ	1.0m	400p	27	30M	5.0u	±20	24m	5C		1LM08HX	CN1d
80	LA208AH	3.0n	800kΔ	1.0m	400p	27	30M	5.0u	±20	24m	28		1LM08HX	CN1d
81	LM108AH883	3.0n	800kΔ	1.0m	400p	28	30M	5.0u	±20	16m	5C		1LM08HX	CN1c
82♦	uA108A-3F	3.0n	800kΔ	1.0m	400p	13.5 ±	30M	5.0u	15.0 ±	24m	5C	decompensated	LM08HX	TO91
83♦	uA108A-6A	3.0n	800kΔ	1.0m	400p	13.5 ±	30M	5.0u	15.0 ±	24m	5C	decompensated	LM08NX	14-2v
84♦	uA208A-3F	3.0n	800kΔ	1.0m	400p	13.5 ±	30M	5.0u	15.0 ±	24m	28	decompensated	LM08HX	TO91
85♦	uA208A-6A	3.0n	800kΔ	1.0m	400p	13.5 ±	30M	5.0u	15.0 ±	24m	28	decompensated	LM08NX	14-2v
86	LM108F883	3.0n	800kΔ	3.0m	400p	28	30M	15u	±20	16m	5C		1LM08HX	FP2
87	LM108H883	3.0n	800kΔ	3.0m	400p	28	30M	15u	±20	16m	5C		1LM08HX	CN1c
88	S5108G	3.0n	800k	3.0m	400p	28	30M	15u	±20	16m	5C		1LM08HX	TO91
89♦	SE537T	3.0n	800k†	3.0m	.30n	24	30M		20.0 ±	60m	5C			CN1g
90♦	uA108-3F	3.0n	800kΔ	3.0m	400p	13.5 ±	30M	15u	15.0 ±	24m	5C	decompensated	LM08HX	TO91
91♦	uA108-6A	3.0n	800kΔ	3.0m	400p	13.5 ±	30M	15u	15.0 ±	24m	5C	decompensated	LM08NX	14-2v
92♦	uA208-3F	3.0n	800kΔ	3.0m	400p	13.5 ±	30M	15u	15.0 ±	24m	28	decompensated	LM08HX	TO91
93♦	uA208-6A	3.0n	800kΔ	3.0m	400p	13.5 ±	30M	15u	15.0 ±	24m	28	decompensated	LM08NX	14-2v
94	OP07AL	4.0n	600k†	60u	4.0n	26	30M	600n	±15	120m	5C		0LM7FX	FP27
95	AM414-2B	4n	600k	75u	3.8p	26	160G	1.3u	±15	150m	07		7LM41HX	CN1q
96	OP05AL	4.0n	600k†	240u	4.0n	27	30M	900n	±15	120m	5C		0LM7FX	FP2y
97	LH740A	4.0n	1.0MΔ	20m	560p	24	1.0G	5.0u	±22		5C	FET input		TO99
98♦	uA714ADM	4.0n	1.2M	60u	4.0n	13.0 ±		600n	15.0 ±	120m	5C	comp; nullable	2LM7HX	DL14bo
99	uA714AHM	4.0n	1.2M	60u	4.0n	26	30M	600n	±15	120m	5C		7LM14HX	CN1d
100	uAF771AHC	4.0n	3.0M†	4.0m	2.0n	22	1.0T†	10u	±15	84m	07		7LM41HX	TO99
101	uAF771ARC	4.0n	3.0M†	4.0m	2.0n	22	1.0T†	10u	±15	84m	07		7LM41HX	DL8t
102	uAF771ATC	4.0n	3.0M†	4.0m	2.0n	22	1.0T†	10u	±15	84m	07		7LM41HX	DL8ag
103	TL081BCL	4.0n	3.0M	5.0m	2.0n	24	1.0T	10u	±15	84m	06		3LM43HX	TO99
104	uAF771BHC	4.0n	3.0M†	7.0m	2.0n	22	1.0T†	10u	±15	84m	07		7LM41HX	TO99
105	uAF771BRC	4.0n	3.0M†	7.0m	2.0n	22	1.0T†	10u	±15	84m	07		7LM41HX	DL8t
106	uAF771BTC	4.0n	3.0M†	7.0m	2.0n	22	1.0T†	10u	±15	84m	07		7LM41HX	DL8ag
107♦	LF351AH	4.0n	4.0M†	4.0m	2.0n	11 ±	1.0T†	10u	15 ±	84m	07	comp; biFET; nullable	7LM41HX	CN1d
108♦	LF351AN	4.0n	4.0M†	4.0m	2.0n	11 ±	1.0T†	10u	15 ±	84m	07	comp; biFET; nullable	7LM41HX	DL8ah
109	735-12-5B#1	5.0n♦		3.0m†	2.0n♦	6.0 ⧄	10M†		6.0	100u†	5C		7LM35ZX	TO99
110	LH740AC	5.0n	1.0MΔ	30m	500p	24	1.0G	5.0u	±22		07	FET input		TO99

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (±V)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	3042/16	5.0n	1.5M†	30u†		40 Ø	500k†	10uL	52	1.6	48			DL14a
2	3045/16	5.0n	1.5M†	30u†		20 Ø	500k†	10uL	±15	1.5	48			DL14a
3♦	LFT155H	5.0n	2.5M†	1.0m	1.0n	11 ±	1.0T†	5.0u	15 ±	120m	5C	comp; biFET; nullable	7LM41HX	CN1d
4♦	LFT355H	5.0n	2.5M†	1.0m	1.0n	11 ±	1.0T†	5.0u	15 ±	120m	07	comp; biFET; nullable	7LM41HX	CN1d
5♦	LF355AJG	5.0n	2.5M†	2.3m	1.0n	11 ±	1.0T†	5.0u	15 ±	120m	07	comp; biFET; nullable	7LM41HX	DL8v
6♦	LF355AL	5.0n	2.5M†	2.3m	1.0n	11 ±	1.0T†	5.0u	15 ±	120m	07	comp; biFET; nullable	7LM41HX	CN1k
7♦	LF355AN	5.0n	2.5M†	2.3m	1.0n	11 ±	10T†	5.0u	15 ±	120m	07	comp; biFET; nullable	7LM41HX	DL8p
8♦	LF355AP	5.0n	2.5M†	2.3m	1.0n	11 ±	1.0T†	5.0u	15 ±	120m	07	comp; biFET; nullable	7LM41HX	DL8p
9	PM355AP	5.0n	2.5M†	2.3m	1.0n	20	1.0T†	5.0u	±15	120m	07		7LM41JX	DL8j
10	uAF355AHC	5.0n	2.5M†	2.3m	1.0n	22	1.0T†	5.0u	±15	120m	07		7LM41HX	TO99
11♦	LF255DE	5.0n	2.5M†	6.5m	1.0n	11 ±	10T†	5.0u	15 ±	120m	28	comp; biFET; nullable	7LM41HX	DL8aq
12♦	LF255J	5.0n	2.5M†	6.5m	1.0n	11 ±	1.0T†	5.0u	15 ±	120m	28	comp; biFET; nullable	7LM41HX	DL8s
13♦	LF255JG	5.0n	2.5M†	6.5m	1.0n	11 ±	1.0T†	5.0u	15 ±	120m	28	comp; biFET; nullable	7LM41HX	DL8v
14♦	LF255L	5.0n	2.5M†	6.5m	1.0n	11 ±	1.0T†	5.0u	15 ±	120m	28	comp; biFET; nullable	7LM41HX	CN1k
15♦	LF255N	5.0n	2.5M†	6.5m	1.0n	11 ±	1.0T†	5.0u	15 ±	120m	28	comp; biFET; nullable	7LM41HX	DL8e
16♦	LF255P	5.0n	2.5M†	6.5m	1.0n	11 ±	1.0T†	5.0u	15 ±	120m	28	comp; biFET; nullable	7LM41HX	DL8p
17♦	LF355BN	5.0n	2.5M†	6.5m	1.0n	11 ±	1.0T†	5.0u	15 ±	120m	07	comp; biFET; nullable	7LM41HX	DL8e
18	PM255J	5.0n	2.5M	6.5m	1.0n	22	1.0T†	5.0u	±15	120m	28		7LM41HX	TO99
19♦	LF351AN1	5.0n	3M		2.0n	11 ±	10T†		15 ±	500m	07	comp; biFET; nullable	7LM41HX	DL8ah
20	TL080ACL	5.0n	3.0M	7.5m	3.0n	24	1.0T	10u	±15	84m	06		1LM01HX	TO99
21♦	LF356AJG	5.0n	4.0M	2.3m	1.0n	11 ±	1.0T†	5.0u	15 ±	300m	07	comp; biFET; nullable	7LM41HX	DL8v
22♦	LF356AL	5.0n	4.0M	2.3m	1.0n	11 ±	1.0T†	5.0u	15 ±	300m	07	comp; biFET; nullable	7LM41HX	CN1k
23♦	LF356AP	5.0n	4.0M	2.3m	1.0n	11 ±	1.0T†	5.0u	15 ±	300m	07	comp; biFET; nullable	7LM41HX	DL8p
24	PM356AP	5.0n	4.0M	2.3m	1.0n	20	1.0T†	5.0u	±15	210m	07		7LM41JX	DL8j
25	uAF356AHC	5.0n	4.0M	2.3m	1.0n	22	1.0T†	5.0u	±15	210m	07		7LM41HX	TO99
26♦	LFT156H	5.0n	4.5M†	1.0m	1.0n	11 ±	1.0T†	5.0u	15 ±	210m	5C	comp; biFET; nullable	7LM41HX	CN1d
27♦	LFT356H	5.0n	4.5M†	1.0m	1.0n	11 ±	1.0T†	5.0u	15 ±	210m	07	comp; biFET; nullable	7LM41HX	CN1d
28♦	LF356AN	5.0n	4.5M†	2.3m	1.0n	11 ±	10T†	5.0u	15 ±	300m	07	comp; biFET; nullable	7LM41HX	DL8p
29♦	LF256JG	5.0n	4.5M†	6.5m	1.0n	11 ±	1.0T†	5.0u	15 ±	120m	28	comp; biFET; nullable	7LM41HX	DL8v
30♦	LF256L	5.0n	4.5M†	6.5m	1.0n	11 ±	1.0T†	5.0u	15 ±	120m	28	comp; biFET; nullable	7LM41HX	CN1k
31♦	LF256P	5.0n	4.5M†	6.5m	1.0n	11 ±	1.0T†	5.0u	15 ±	120m	28	comp; biFET; nullable	7LM41HX	DL8p
32	CA080AS	5.0n	5.0M†	5.0m	2.0n	24	1.5T†		±15	680m	5C	composite FET input		TO5
33	CA080AT	5.0n	5.0M†	5.0m	2.0n	24	1.5T†		±15	680m	5C	composite FET input		MO002AL
34	CA081AT	5.0n	5.0M†	5.0m	2.0n	24	1.5T†		±15	680m	5C		7LM41HX	MO002AL
35♦	LF256DE	5.0n	5.0M†	6.5m	1.0n	11 ±	10T†	5.0u	15 ±	210m	28	comp; biFET; nullable	7LM41HX	DL8aq
36♦	LF256J	5.0n	5.0M†	6.5m	1.0n	11 ±	1.0T†	5.0u	15 ±	210m	28	comp; biFET; nullable	7LM41HX	DL8s
37♦	LF256N	5.0n	5.0M†	6.5m	1.0n	11 ±	1.0T†	5.0u	15 ±	210m	28	comp; biFET; nullable	7LM41HX	DL8e
38♦	LF356BN	5.0n	5.0M†	6.5m	1.0n	11 ±	1.0T†	5.0u	15 ±	210m	07	comp; biFET; nullable	7LM41HX	DL8e
39	PM256J	5.0n	5.0M†	6.5m	1.0n	22	1.0T†	5.0u	±15	210m	28		7LM41HX	TO99
40	A561	5.0n♦	10MΔ	3.0m		22	300M	10u♦	±15	90m	07		5LM31HX	TO99
41♦	LF357AJG	5.0n	15M	2.3m	1.0n	11 ±	1.0T†	5.0u	15 ±	300m	07	decomp; biFET; nullbl	7LM41HX	DL8v
42♦	LF357AL	5.0n	15M	2.3m	1.0n	11 ±	1.0T†	5.0u	15 ±	300m	07	decomp; biFET; nullbl	7LM41HX	CN1k
43♦	LF357AN	5n	15M	2.3m	1.0n	11 ±	10T	5.0u	15 ±	670m	07	decomp; biFET; nullbl	7LM41HX	8-37
44♦	LF357AP	5.0n	15M	2.3m	1.0n	11 ±	1.0T†	5.0u	15 ±	300m	07	decomp; biFET; nullbl	7LM41HX	DL8p
45	PM357AP	5.0n	15M	2.3m	1.0n	20	1.0T†	5.0u	±15	210m	07		7LM41JX	DL8j
46	uAF357AHC	5.0n	15M	2.3m	1.0n	22	1.0T†	5.0u	±15	210m	07		7LM41HX	TO99
47♦	LF257DE	5.0n	20M†	6.5m	1.0n	11 ±	10T†	5.0u	15 ±	210m	28	decomp; biFET; nullbl	7LM41HX	DL8aq
48♦	LF257J	5.0n	20M†	6.5m	1.0n	11 ±	1.0T†	5.0u	15 ±	210m	28	decomp; biFET; nullbl	7LM41HX	DL8s
49♦	LF257JG	5.0n	20M†	6.5m	1.0n	11 ±	1.0T†	5.0u	15 ±	120m	28	decomp; biFET; nullbl	7LM41HX	DL8v
50♦	LF257L	5.0n	20M†	6.5m	1.0n	11 ±	1.0T†	5.0u	15 ±	120m	28	decomp; biFET; nullbl	7LM41HX	CN1k
51♦	LF257N	5.0n	20M†	6.5m	1.0n	11 ±	1.0T†	5.0u	15 ±	210m	28	decomp; biFET; nullbl	7LM41HX	DL8e
52♦	LF257P	5.0n	20M†	6.5m	1.0n	11 ±	1.0T†	5.0u	15 ±	120m	28	decomp; biFET; nullbl	7LM41HX	DL8p
53♦	LF357BN	5.0n	20M†	6.5m	1.0n	11 ±	1.0T†	5.0u	15 ±	210m	07	decomp; biFET; nullbl	7LM41HX	DL8e
54	PM257J	5.0n	20M†	6.5m	1.0n	22	1.0T†	5.0u	±15	210m	28		7LM41HX	TO99
55	OP08FZ	5.2n	0.8m†	.45m	0.6n		26M	3.5u	±15	500m	07		1LM08HX	DL8j
56	OP08FJ	5.2n	800k†	450u	600p	27	13M	3.5u	±15	13m	07		1LM08HX	TO99
57♦	uA714EH	5.5n	1.2M	130u	5.3n	13.0 ±		1.3u	15.0 ±	120m	07	comp; nullable	2LM7NX	CN1d
58	TL081ACL	6.0n		7.5m	1.0n	24	1.0G	10u	±15	84m	07		7LM41HX	CN1k
59	TL081CL	6.0n		20m	1.0n	20	1.0G	10u	±15	84m	07		7LM41HX	CN1k
60	AM414M	6.0n♦	600k†	75u	5.6n♦	26	200G	1.3u♦	±15	150m	5C		2LM7HX	TO99
61	OP07L	6.0n	600k†	200u	5.6n	26	20M	1.3u	±15	120m	5C		0LM7FX	FP27
62	OP05L	6.0n	600k†	700u	5.6n	27	20M	2.0u	±15	120m	5C		0LM7FX	FP2y
63♦	uA714DM	6.0n	1.2M	200u	5.6n	13.0 ±		1.3u	15.0 ±	120m	5C	comp; nullable	2LM7HX	DL14bo
64	3501T	6.0n	100M	5.0m		6.0		10u	20.0 ±	60m	5C	108 and 741 rplcmnt	7LM41HX	T099
65	AD308AH	7.0n		500u	1.0n	28		5u	±15	24m	07			TO99
66	uA308AHM	7.0n		500u	1.0n	26	10M		±18	500m	07		1LM08FX	TO99
67	uA308HM	7.0n		7.5m	1.0n	26	10M		±18	500m	07		1LM08FX	TO99
68	AM414-2A	7n	600k	150u	6p	26	120G	2.0u	±15	150m	07		7LM41HX	CN1q
69	LM308A	7.0n	1.0M	.50m	.20n			5.0u	±15	3m	07			CN1g
70	LM308	7.0n	1.0M	7.5m	.20n			30u	±15	3m	07			CN1g
71	TL071BCL	7.0n	3.0M	5.0m	2.0n	24	1.0T†	10u	±15	75m	07		7LM41HX	CN1k
72	TL071ACL	7.0n	3.0M	7.5m	2.0n	24	1.0T†	10u	±15	75m	07		7LM41HX	CN1k
73	TL071CL	7.0n	3.0M	13m	2.0n	20	1.0T†	10u	±15	75m	07		7LM41HX	CN1k
74	ICL4250TY	7.5n♦		3m	3n♦	27 §			±15	500m	5C		42LM50HX	TO5
75	SN52702AJ#2	7.5nL		4.0m	1.5uL	2.0 §	22k	15uL	9.0 §	30m	5C		7LM02HX	TO116
76	AM414B	8.0n♦	600k†	75u	7.6 ♦	26	160G	1.3u♦	±15	150m	07		2LM7HX	TO99
77♦	LF355JG	8.0n	2.5M†	13m	2.0n	11 ±	1.0T†	5.0u	15 ±	120m	07	comp; biFET; nullable	7LM41HX	DL8v
78♦	LF355L	8.0n	2.5M†	13m	2.0n	11 ±	1.0T†	5.0u	15 ±	120m	07	comp; biFET; nullable	7LM41HX	CN1k
79♦	LF355P	8.0n	2.5M†	13m	2.0n	11 ±	1.0T†	5.0u	15 ±	120m	07	comp; biFET; nullable	7LM41HX	DL8p
80	PM355J	8.0n	2.5M	13m	2.0n	20	1.0T†	5.0u	±15	120m	07		7LM41HX	TO99
81	uAF355HC	8.0n	2.5M†	13m	2.0n	20	1.0T†	5.0u	±15	120m	07		7LM41HX	TO99
82	uAF355TC	8.0n	2.5M†	13m	2.0n	20	1.0T†	5.0u	±15	120m	07		7LM41HX	DL8ag
83	uAF771HC	8.0n	3.0M†	13m	4.0n	22	1.0T†	10u	±15	84m	07		7LM41HX	TO99
84	uAF771RC	8.0n	3.0M†	13m	4.0n	22	1.0T†	10u	±15	84m	07		7LM41HX	DL8t
85	uAF771TC	8.0n	3.0M†	13m	4.0n	22	1.0T†	10u	±15	84m	07		7LM41HX	DL8ag
86	uAF771LHC	8.0n	3.0M†	20m	4.0n	22	1.0T†	10u	±15	84m	07		7LM41HX	TO99
87	uAF771LRC	8.0n	3.0M†	20m	4.0n	22	1.0T†	10u	±15	84m	07		7LM41HX	DL8t
88	uAF771LTC	8.0n	3.0M†	20m	4.0n	22	1.0T†	10u	±15	84m	07		7LM41HX	DL8ag
89♦	LF351BN1	8.0n	4M†		4.0n	11 ±	10T†		15 ±	500m	07	comp; biFET; nullable	7LM41HX	DL8ah
90♦	LF351BH	8.0n	4.0M†	7.0m	4.0n	11 ±	1.0T†	10u	15 ±	84m	07	comp; biFET; nullable	7LM41HX	CN1d
91♦	LF351BN	8.0n	4.0M†	7.0m	4.0n	11 ±	1.0T†	10u	15 ±	84m	07	comp; biFET; nullable	7LM41HX	DL8ah
92♦	LF356JG	8.0n	4.5M†	13m	2.0n	11 ±	1.0T†	5.0u	15 ±	300m	07	comp; biFET; nullable	7LM41HX	DL8v
93♦	LF356L	8.0n	4.5M†	13m	2.0n	11 ±	1.0T†	5.0u	15 ±	300m	07	comp; biFET; nullable	7LM41HX	CN1k
94♦	LF356P	8.0n	4.5M†	13m	2.0n	11 ±	1.0T†	5.0u	15 ±	300m	07	comp; biFET; nullable	7LM41HX	DL8p
95	PM356J	8.0n	5.0M†	13m	2.0n	20	1.0T†	5.0u	±15	300m	07		7LM41HX	TO99
96	uAF356HC	8.0n	5.0M†	13m	2.0n	20	1.0T†	5.0u	±15	300m	07		7LM41HX	TO99
97	uAF356TC	8.0n	5.0M†	13m	2.0n	20	1.0T†	5.0u	±15	300m	07		7LM41HX	DL8ag
98♦	LF357JG	8.0n	20M†	13m	2.0n	11 ±	1.0T†	5.0u	15 ±	300m	07	decomp; biFET; nullbl	7LM41HX	DL8v
99♦	LF357L	8.0n	20M†	13m	2.0n	11 ±	1.0T†	5.0u	15 ±	300m	07	decomp; biFET; nullbl	7LM41HX	CN1k
100♦	LF357P	8.0n	20M†	13m	2.0n	11 ±	1.0T†	5.0u	15 ±	300m	07	decomp; biFET; nullbl	7LM41HX	DL8p
101	PM357J	8.0n	20M†	13m	2.0n	20	1.0T†	5.0u	±15	300m	07		7LM41HX	TO99
102	uAF357HC	8.0n	25M†	13m	2.0n	20	1.0T†	5.0u	±15	300m	07		7LM41HX	TO99
103	uAF357TC	8.0n	25M†	13m	2.0n	20	1.0T†	5.0u	±15	300m	07		7LM41HX	DL8ag
104♦	uA714CD	9.0n	1.2M	250u	8.0n	13.0 ±		1.8u	15.0 ±	150m	07	comp; nullable	2LM7HX	DL14bo
105♦	uA714CH	9.0n	1.2M	250u	8.0n	13.0 ±		1.8u	15.0 ±	150m	07	comp; nullable	2LM7NX	CN1d
106	CA308AS	10n		730u	1.5n	28	10M	5.0u♦	±15	24m	07		1LM08HX	CN46
107	CA308AT	10n		730u	1.5n	28	10M	5.0u♦	±15	24m	07		1LM08HX	MO002AL
108	LH2308ADØ	10nL		.73mL	1.5nL		10M	5.0uL	18 ±	500m	07		1LM08NX	DL16db
109	LM308ADE	10n		730u	1.5n	28	10M	5.0u	±15	24m	07		1LM08HX	DL8aa
110	LM308AFØ	10n		730u	1.5n	28	10M	5.0u	±15	24m	07		1LM08HX	FP37

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE (- +)	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	PM2308AQ	10n		730u	1.5n	28	10M	5.0u	±15	18m	07		1LM08NX	DL16ah
2	SN72308AFA	10n		730u	1.5n	28	10M	5.0u	±18	28m	07		1LM08HX	FP2t
3	SN72308AJA	10n		730u	1.5n	28	10M	5.0u	±18	28m	07		1LM08HX	14-25
4	SN72308AL	10n		730u	1.5n	28	10M	5.0u	±18	28m	07		1LM08HX	TO99
5	SN72308AN	10n		730u	1.5n	28	10M	5.0u	±18	28m	07		1LM08HX	DL14x
6	SN72308AP	10n		730u	1.5n	28	10M	5.0u	±18	28m	07		1LM08HX	DL8n
7	uA308ADC	10n		730u	1.5n	27	10M	5.0u	±15	24m	07		1LM08HX	DL14br
8	735-12-5B#2	10n♦		3.0m†	4.0n♦	30 Ø	5.0M†		±15	6.0m†	5C		7LM35ZX	TO99
9	2740BE	10n		5.0m	5.0n	20	100M		±15	90m	5C		7LM41HX	TO99
10	ICL4250CTY	10n♦		5m	6n♦	27 §			±15	500m	07		42LM50HX	TO5
11	2740CE	10n		10m	5.0n	20	100M		±15	90m	0A		7LM41HX	TO99
12	AD308H	10n		10m	1.5n	28	10M	30u	±15	24m	07		1LM08HX	TO99
13	AMLM312	10n		10m	1.5n	27	10M	30u	±15	24m	07		7LM25HX	TO99
14	AMLM312D	10n		10m	1.5n	27	10M	30u	±15	24m	07		7LM25NX	DL14m
15	CA308H	10n		10m	1.5n	28	10M	30u♦	±15	24m	07		1LM08HX	CHØ
16	CA308S	10n		10m	1.5n	28	10M	30u♦	±15	24m	07		1LM08HX	CN46
17	CA308T	10n		10m	1.5n	28	10M	30u♦	±15	24m	07		1LM08HX	MO002AL
18	LA308H	10n		10m	1.5n	28	10M	30u	±15	18m	07		1LM08HX	CN1c
19	LH2308DØ	10nL		10mL	1.5nL		10M	30uL	18 ±	500m	07		1LM08NX	DL16db
20	LM312D	10n		10m	1.5n	28	10M	30u	±15	24m	07		7LM25HX	DL14bv
21	LM312F	10n		10m	1.5n	28	10M	30u	±15	24m	07		7LM25FX	FP37
22	LM312N	10n		10m	1.5n	28	10M	30u	±15	500m	07		7LM25HX	DL8m
23	PM2308Q	10n		10m	1.5n	28	10M	30u	±15	18m	07		1LM08NX	DL16ah
24	SN72308FA	10n		10m	1.5n	28	10M	15u	±18	28m	07		1LM08HX	FP2t
25	SN72308JA	10n		10m	1.5n	28	10M	15u	±18	28m	07		1LM08HX	14-25
26	SN72308L	10n		10m	1.5n	28	10M	30u	±18	28m	07		1LM08HX	TO99
27	SN72308N	10n		10m	1.5n	28	10M	30u	±18	28m	07		1LM08HX	DL14x
28	SN72308P	10n		10m	1.5n	28	10M	30u	±18	28m	07		1LM08HX	DL8n
29	uA308DC	10n		10m	1.5n			30u	±18	320m	07		1LM08HX	DL14br
30	2740DE	10n		20m	5.0n	20	50M		±15	100m	0A		7LM41HX	TO99
31	1413	10n♦	10k∆	2.0m†	2.5n	24	10M	20u	±15	90m	28			TO99
32♦	SFC2778KM	10n†	300k	2.0m†	3.0n†	36	3.0M†	5.0u	18.0 ±	500u†	5C			TO116
33♦	SFC2778M	10n†	300k	2.0m†	3.0n†	36	3.0M†	5.0u	18.0 ±	500u†	5C			TO99
34♦	SFC2778PM	10n†	300k	2.0m†	3.0n†	36	3.0M†	5.0u	18.0 ±	500u†	5C			TO31
35♦	uA776-3F	10n†	300k	2.0m†	3.0n†	36	3.0M†	5.0u	18.0 ±	500u†	07		42LM50FX	TO91
36♦	RM4132BL	10n	300k†	3.0m	2.0n♦	30	20M†	15u	15.0 ±	1.8m	5C			CH45
37	SFC2776PC	10n†	300k	3.0m†	3.0n†	36	3.0M†	10u	±18	1.0m†	07		42LM50HX	TO91
38♦	SFC2778C	10n†	300k	3.0m†	3.0n†	36	3.0M†	10u	18.0 ±	1.0m†	07			TO99
39♦	SFC2778DC	10n†	300k	3.0m†	3.0n†	36	3.0M†	10u	18.0 ±	1.0m†	07			DL8a
40♦	SFC2778EC	10n†	300k	3.0m†	3.0n†	36	3.0M†	10u	18.0 ±	1.0m†	07			TO116
41♦	ICL308LNTY	10n	300k†	10m	1.5n	13.5 ±		30u	15.0 ±	24m	07	decompensated	1LM08HX	TO99
42	SG3118AJ	10n	300k†	10m	1.5n	27	30M	5.0u	±15	24m	07		1LM08HX	TO116
43	SG3118AM	10n	300k†	10m	1.5n	27	30M	5.0u	±15	24m	07		1LM08HX	DL8h
44	SG3118J	10n	300k†	10m	1.5n	27	10M	30u	±15	9.0m†	07		1LM08HX	TO116
45	SG3118M	10n	300k†	10m	1.5n	27	10M	30u	±15	9.0m†	07		1LM08HX	DL8h
46	SG3118T	10n	300k†	10m	1.5n	27	10M	30u	±15	9.0m†	07		1LM08HX	TO99
47	LA308AH	10n	800k∆	730u	1.5n	28	10M	5.0u	±15	24m	07		1LM08HX	CN1d
48♦	uA308A-6A	10n	800k∆	730u	1.5n	13.5 ±	30M	5.0u	15.0 ±	24m	07	decompensated	LM08NX	14-2v
49♦	uA308A-9A	10n	800k∆	730u	1.5n	13.5 ±	30M	5.0u	15.0 ±	24m	07	decompensated	LM08NX	DL14v
50♦	uA308A-9T	10n	800k∆	730u	1.5n	13.5 ±	30M	5.0u	15.0 ±	24m	07	decompensated	LM08HX	8-1a
51	N5308G	10n	800k	10m	1.5n	28	10M	30u	±18	16m	07		1LM08HX	TO91
52♦	NE537T	10n	800k	10m	1.5n	24	10M		20.0 ±	80m	07			CN1g
53♦	uA308-6A	10n	800k∆	10m	1.5n	13.5 ±	30M	30u	15.0 ±	24m	07	decompensated	LM08NX	14-2v
54♦	uA308-9A	10n	800k∆	10m	1.5n	13.5 ±	30M	30u	15.0 ±	24m	07	decompensated	LM08NX	DL14v
55	AD503TH	10n	1.0M∆	1.0m	5.0n	20	100G	25u	±22	500m	5C	FET input		TO99
56	AD513TH	10n	1.0M∆	1.0m	5.0n	20	100G	25u	±22	500m	5C	FET input; High Spd		TO99
57	MC1456FE	10n	1.0M†	14m	10n♦	22	250MX		15 ±	90m	07		7LM41JX	
58	TL089IL	10n	3.0M†	80u	600p	20	100M†	200n	±15	300m	07		0LM89HX	CN1k
59	TL080CL	10n	3.0M	20m	5.0n	20	1.0T	10u	±15	84m	06		1LM01HX	TO99
60	HA2110	10n	4.0M	6.0m		30	10G	6.0u	±18	198m	5C			TO99
61	HA2210	10n	4.0M	6.0m		30	10G	12u	±18	198m	28			TO99
62♦	SN52110L	10n	4.0M†	6.0m			10G	12u	18.0 ±	198m	5C			TO99
63	HA2310	10n	4.0M	7.5m		30	10G	10u	±18	165m	07			TO99
64♦	SN72310L	10n	4.0M	10m			10G	10u	18.0 ±	198m	07			TO99
65♦	SN72310P	10n	4.0M†	10m			10G	10u	18.0 ±	198m	07			DL8d
66	CA080T	10n	5.0M†	9.0m	4.0n	24	1.5T†		±15	680m	5C	composite FET input		MO002AL
67	CA081T	10n	5.0M†	9.0m	4.0n	24	1.5T†		±15	680m	5C		7LM41HX	MO002AL
68	SG110Y	10n	12M	6.0m		20	10G	12u	±18	198m	5C		1LM02ZX	DL8s
69	SG210Y	10n	12M	6.0m		20	10G	6.0u	±18	198m	28		1LM02ZX	DL8s
70	HA2-2050A	10n	20M†	17m	5.0n	20	1.0T†		±15	240m	5C		5LM31HX	TO99
71	1014MT	10n	20M	30m	5.0n	20	1.0T†	50u	±15	240m	5C		5LM31HX	TO99
72	HA2-2050	10n	20M†	30m	5.0n	20	1.0T†		±15	240m	5C		5LM31HX	TO99
73	HA2-2060A	10n	100M†	15m	5.0n	20	1.0T†		±15	180m	5C		5LM31HX	TO99
74	1015MT	10n	100M†	30m	5.0n	20	1.0T†	50u	±15	180m	5C		5LM31HX	TO99
75	HA2-2060	10n	100M†	30m	5.0n	20	1.0T†		±15	180m	5C		5LM31HX	TO99
76	T7809V	12n	10k∆	6.0m	6.0n	16	25M	6.0u	±15	165m	5C		7LM09HX	TO99
77	TOA7809	12n	10k∆	6.0m	6.0n	16	25M	6.0u	±15	165m	5C		7LM09HX	TO79
78	TOA7809F	12n	10k∆	6.0m	6.0n	16	25M	6.0u	±15	165m	5C		7LM09F	TO91
79	TOA7809J	12n	10k∆	6.0m	6.0n	16	25M	6.0u	±15	165m	5C		7LM09N	TO116
80	AM414A	14n♦	600k†	150u	12n♦	26	120G	2.0u♦	±15	150m	07		2LM7HX	TO99
81	SG1250M	15n		4.0m	8.0n	30	3.0M	4.0u	±15	1.2m	5C		42LM50HX	DL8h
82	SG1250Y	15n		4.0m	8.0n	30	3.0M	4.0u	±15	1.2m	5C		42LM50HX	DL8s
83	SG2250M	15n		4.0m	8.0n	30	3.0M	4.0u	±15	1.2m	07		42LM50HX	DL8h
84	SG2250Y	15n		4.0m	8.0n	30	3.0M	4.0u	±15	1.2m	07		42LM50HX	DL8s
85	AD502K	15nL		6.0m	8.0nL	24	20M	20u	±15	85m	07		7LM41HX	TO99
86♦	SE533T	15n	20k†	2.0m	10n	3.5	30M		6.0	96u	5C		5NE33VX	CN1g
87♦	NE533T	15n	20k	3.0m	10n	3.5	30M		6.0	120u	07		5NE33VX	CN1g
88	MA112	15n	50k	3.0m	4.0n	7.0		15	12	500u	07		13M080HX	
89	SG4250M	15n	250k	4.0m	5.0n	24	3.0M	5.0u	12	360u	5C		42LM50HX	TO99
90	1003MT	15n	270k†	4.0m	5.0n	24	3.0M	5.0u	12	480u	5A		10LM03HX	TO99
91	AD508KH	15n	300k†	500u	1.5n	30 Ø	6.0M†	500n	±15	90m	07		1LM18HX	TO99
92	AD508LH	15n	300k†	500u	1.5n	30 Ø	6.0M†	1.0u	±15	90m	07		1LM18HX	TO99
93	SG1250T	15n	500k†	4.0m	8.0n	30	3.0m	4.0u	±15	1.2m	5C		42LM50HX	TO99
94	SG2250T	15n	500k†	4.0m	8.0n	30	3.0m	4.0u	±15	1.2m	07		42LM50HX	TO99
95	NC0032C	15n	1.4M†	20m	5.0n	20		25u	±15	660m	28		00LM32ZX	CN18c
96	3500CN	15n♦	1.5M†	1.0m	7.0n†	22	10M†	3.0u	±15	90m	28			DL8b
97	TL089CL	15n	3.0M†	200u	1.0n	20	100M†	200n	±15	300m	07		0LM89HX	CN1k
98	A570	15n♦	30M∆	.80m			2.0M	5.0u♦	±15	105m	07		5LM70HX	TO99
99	ULN2174D	17n	3.0k†	6.5m	15n	24	10M		±15	45m	59		1LM01HX	TO99
100	ULN2174G	17n	3.0k†	6.5m	15n	24	10M		±15	45m	59		1LM01FX	FPØ
101♦	ULS2173D	17n	4.0k†	5.0m	7.0n	24	30M		±15	40m	5C		7LM41HX	TO99
102	ULS2173G	17n	4.0k†	5.0m	7.0n	24	30M		±15	40m	5C		1LM07FX	FPØ
103	OP17FP	18n	10M†	2.0m	14n	23	1.0T†	10u	±15	210m	07		7LM41JX	DL8j
104♦	RM4132D	20n		4.0m	4.0n	30	20M†	15	15.0 ±	1.1m	5C			DL14ae
105♦	RM4132Q	20n		4.0m	4.0n	30	20M†	15	15.0 ±	1.1m	5C			FP2k
106	SG1252T	20n		4.0m	8.0n	15 ±			18 ±	680m	5C		12LM52NX	DL14Ø
107	SG1252Y	20n		4.0m	8.0n	15 ±			18 ±	680m	5C		12LM52NX	DL14Ø
108	SG2252M	20n		4.0m	8.0n	15 ±			18 ±	400m	07		12LM52NX	DL14Ø
109	SG2252T	20n		4.0m	8.0n	15 ±			18 ±	680m	07		12LM52NX	DL14Ø
110	SG2252Y	20n		4.0m	8.0n	15 ±			18 ±		07		12LM52NX	DL14Ø

5. OPERATIONAL AMPLIFIERS – Single (cont'd)

IN ORDER OF (1) IIB MAX (2) BW UNITY GAIN MIN (3) VIO MAX (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (±V)	RI DIFF MODE MIN (Ω)	ΔVIO/ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1	MCC1536	20n♦		5.0m	3.0n♦	50	10M†		56	224m	5C		7LM41HX	CH3
2	NC0032-883B	20n	300k†	10m	2.5n	20		25u	±15	600m	5C		00LM32ZX	CN18c
3	1323-01	20n♦	1.0M†	3.0m	2.5n†	20	50k†	30u	±15	2.4m	28		7LM41HX	TO99
4	1323-02	20n♦	1.0M†	3.0m	2.5n†	20	50k†	30u	±15	2.4m	5C		7LM41HX	TO99
5	3500BN	20n♦	1.5M†	2.0m	10n†	22	10M†	5.0u	±15	90m	28			DL8b
6♦	SA60A	20n♦	2.0M			20	500k†	20u	75.0 ±	2.2	28			
7	TL071IL	20n	3.0M	9.0m	10n	24	1.0T†	10u	±15	75m	28		7LM41HX	CN1k
8	TL080IL	20n	3.0M	9.0m	10n	24	1.0T	10u	±15	84m	28		1LM01HX	TO99
9	TL081IL	20n	3.0M	9.0m	10n	24	1.0T	10u	±15	84m	28		3LM43HX	TO99
10♦	SA50A	20n	3.5M†			20	100k	20u	60.0 ±	1.8	08			
11	JANM38510/10601BGA	20n	8MΔ	5.0m				15u	13 §		5C		1LM02HX	
12	JANM38510/10601BGB	20n	8MΔ	5.0m				15u	13 §		5C		1LM02HX	
13	JANM38510/10601BGC	20n	8MΔ	5.0m				15u	13 §		5C		1LM02HX	
14	OP16GP	20n	17M†	3.8m	1.7n	23	1.0T†	15u	±15	240m	07		7LM41JX	DL8j
15	SN52660FA	25n		5.0m	5.0n	27	4.0M	25u	±20	30m	5C		6LM60JX	FP2t
16	SN52660JA	25n		5.0m	5.0n	27	4.0M	25u	±20	30m	5C		6LM60JX	14-25
17	SN52660JP	25n		5.0m	5.0n	27	4.0M	25u	±20	30m	5C		6LM60JX	DL8q
18	SN52660L	25n		5.0m	5.0n	27	4.0m	25u	±20	30m	5C		6LM60JX	TO99
19	SN72660FA	25n		6.0m	4.0n	27	4.0M	30u	±18	27m	07		6LM60JX	FP22
20	SN72660JA	25n		6.0m	4.0n	27	4.0M	30u	±18	27m	07		6LM60JX	14-25
21	SN72660L	25n		6.0m	4.0n	27	4.0M	30u	±18	27m	07		6LM60JX	TO99
22	SN72660N	25n		6.0m	4.0n	27	4.0M	30u	±18	27m	07		6LM60JX	DL14x
23	SN72660P	25n		6.0m	4.0n	27	4.0M	30u	±18	27m	07		6LM60JX	DL8n
24♦	RC4132BL	25n♦	300k†	5.0m	5.0n♦	30	10M†	20u	15.0 ±	2.0m	07			CH45
25♦	RC4132DE	25n♦	300k†	5.0m	5.0n♦	30	10M†	20u	15.0 ±	2.0m	07			DL8aa
26	SG1660F	25n	300k†	10m	4.0n	27		30u	±15	22m	07		1LM08FX	FP2v
27	SG1660J	25n	300k†	10m	4.0n	30	4.0M	30u	±15	22m	07		1LM08HX	TO116
28♦	SG1660M	25n	300k†	10m	4.0n	30	4.0M	30u	15.0 ±	22m	07	Decompensated	1LM08NX	DL8h
29	SG1660T	25n	300k†	10m	4.0n	30	4.0M	30u	±15	22m	07		1LM08NX	TO99
30	SG1660Y	25n	300k†	10m	4.0n	27		30u	±15	22m	07		1LM08HX	DL8s
31	SG1760F	25n	300k†	10m	4.0n	27		30u	±15	22m	07		1LM08FX	FP2v
32	SG1760J	25n	300k†	10m	4.0n	30	4.0M	30u	±15	22m	07		1LM08HX	TO116
33♦	SG1760M	25n	300k†	10m	4.0n	30	4.0M	30u	15.0 ±	22m	07	Compensated	1LM07HX	DL8h
34	SG1760T	25n	300k†	10m	4.0n	30	4.0M	30u	±15	22m	07		1LM08NX	TO99
35	SG1760Y	25n	300k†	10m	4.0n	27		30u	±15	22m	07		1LM08HX	DL8s
36	A970	25n♦	320kΔ	5.0m		26	300M	30u	±15	120m	07		5LM31HX	TO99
37♦	SFC2531	25n♦	400k†	3.0m†	3.0n♦		2.0M†	10u♦	18	110m	5C		14LM31GX	TO100
38♦	SG777J	25n♦	500k†	2.0m	3.0n♦	24	2.0M	15u	15.0 ±	85m	5C		1LM01NX	TO116
39♦	SG777T	25n♦	500k†	2.0m	3.0n♦	24	2.0M	15u	15.0 ±	85m	5C		1LM01HX	TO99
40	A3003	25n♦	1.0M	2.0m	2.5n†	24	2.0M†	5.0uL	±15	90m	28			CN1c
41	A3002	25n♦	1.0M	4.0m	2.5n†	24	2.0M†	10uL	±15	90m	28			CN1c
42♦	LF155AJG	25n	2.5M†	2.5m	10n	11 ±	1.0T†	5.0u	15 ±	120m	5C	comp; biFET; nullable	7LM41HX	DL8v
43♦	LF155AL	25n	2.5M†	2.5m	10n	11 ±	1.0T†	5.0u	15 ±	120m	5C	comp; biFET; nullable	7LM41HX	CN1k
44	uAF155AHM	25n	2.5M†	2.5m	10n	22	1.0T†	5.0u	±15	120m	5C		7LM41HX	TO99
45	TL081AML	25n	3.0M	5.0m	10n	24	1.0T	10u	±15	84m	5C		3LM43HX	TO99
46♦	LF156AJG	25n	4.0M	2.5m	10n	11 ±	1.0T†	5.0u	15 ±	210m	5C	comp; biFET; nullable	7LM41HX	DL8v
47♦	LF156AL	25n	4.0M	2.5m	10n	11 ±	1.0T†	5.0u	15 ±	210m	5C	comp; biFET; nullable	7LM41HX	CN1k
48	uAF156AHM	25n	4.0M	2.5m	10n	22	1.0T†	5.0u	±15	210m	5C		7LM41HX	TO99
49	LF156AF	25n	4.5M†	2.5m	10n	22	10T†	5.0u	±15	210m	5C		7LM41FX	FP2z
50	OP17GP	25n	9.0M†	4.5m	22n	23	1.0T†	15u	±15	240m	07		7LM41JX	DL8j
51	AD505KH	25n	12MΔ	2.5m		22	2.0M	15u	±15	200m		High Speed		TO100
52	AD505SH	25n	12MΔ	2.5m		22	2.0M	20u	±15	200m		High Speed		TO100
53♦	LF157AJG	25n	15M	2.5m	10n	11 ±	1.0T†	5.0u	15 ±	210m	5C	decomp; biFET; nullbl	7LM41HX	DL8v
54♦	LF157AL	25n	15M	2.5m	10n	11 ±	1.0T†	5.0u	15 ±	210m	5C	decomp; biFET; nullbl	7LM41HX	CNlk
55	uAF157AHM	25n	15M	2.5m	10n	22	1.0T†	5.0u	±15	210m	5C		7LM41HX	TO99
56	NS7560A	25n	15M	3.0m	20n	10	2.5M	10u	±20	360m	5C		75LM60ZX	CN8b
57	LF157AF	25n	20M†	2.5m	10n	22	10T†	5.0u	±15	210m	5C		7LM41FX	FP2z
58	1321-02	25n♦	70M	5.0m±		11 ±			15 ±		5C		7LM41HX	TO99
59	1321-10	25n♦	70M	5.0m±		11 ±			15 ±		5C		7LM41HX	TO99
60♦	OP18N	30n♦		0.5m	2.0n♦				15.0 ±	90m	6F			CH59
61♦	OP19N	30n♦		500u	2.0n♦				15.0 ±	90m	6F			CH54
62	SG3250M	30n		7.5m	15n	30	3.0M	6.0u	±15	1.2m	07		42LM50HX	DL8h
63	SG3250Y	30n		7.5m	15n	30	3.0M	6.0u	±15	1.2m	07		42LM50HX	DL8s
64	1326	30n	12m	6.0m	30n	22	100M	5.0u	±15	111m	5C		5LM31HX	TO99
65	TOA8809E	30n	10 Δ	10m	10n	16	5.0M	6.0u	±15	200m	07		7LM09N	TO116
66♦	RA2600-1	30n	100 Δ	4.0m	10n	22	100k	15u	15.0 ±	110m	5C		5LM31UX	TO86
67♦	ULN2173D	30n	3.0k†	6.5m	15n	24	10M		±15	45m	59		7LM41HX	TO99
68	ULN2173G	30n	3.0k†	6.5m	15n	24	10M		±15	45m	59		1LM07FX	FPØ
69	ULS2174D	30n	4.0k†	3.5m	7.0n	24	30M		±15	40m	5C		1LM01HX	TO99
70	ULS2174G	30n	4.0k†	3.5m	7.0n	24	30M		±15	40m	5C		1LM01FX	FPØ
71♦	TOA6809	30n	10kΔ	6.0m	10n	16	10M	6.0u	15.0 ±	165m	5C		7LM09HX	TO79
72♦	TOA6809F	30n	10kΔ	6.0m	10n	16	10M	6.0u	15.0 ±	165m	5C		7LM09HX	TO91
73♦	TOA6809P	30n	10kΔ	6.0m	10n	16	10M	6.0u	15.0 ±	165m	5C		7LM09NX	TO116
74	TOA8809	30n	10kΔ	10m	10n	16	5.0M	6.0u	±15	200m	07		7LM09HX	TO79
75	TOA8809F	30n	10kΔ	10m	10n	16	5.0M	6.0u	±15	200m	07		7LM09F	TO91
76	TOA8809J	30n	10kΔ	10m	10n	16	5.0M	6.0u	±15	200m	07		7LM09N	TO116
77♦	ULS2156D	30n	40k†	6.0m	5.0n	24	5.0M†		±15	45m	5C		7LM41HX	TO99
78	ULS2156G	30n	40k†	6.0m	5.0n	24	5.0M†		±15	45m	5C		1LM07FX	FPØ
79	1404-01	30n♦	100k	1.0m	7.0n♦	8.0	4.0M	10u	9.0	675u	28			
80	VA5B425031	30n♦	250k†	2.0m†	5.0n♦	24	6.0M†	5.0u	12	1.2m	5C		42LM50HX	TO99
81	VA5B425039	30n♦	250k†	2.0m†	5.0n♦	24	6.0M†	5.0u	12	1.2m	07		42LM50HX	TO99
82	SG3250T	30n	500k†	7.5m	15n	30	3.0m	6.0u	±15	1.2m	5C		42LM50HX	TO99
83	MC1556FE	30n	1.0M†	6.0m	2.0n♦	24	250MX		15 ±	45m	5C		7LM41JX	
84	MC1556L	30n	1.0M†	6.0m	2.0n♦	12 ±	5.0M†		15 ±	45m	5C	comp; nullable	7LM41JX	TO116
85	SG1556Y	30n	1.0M†	6.0m	5.0n	24			±15	45m	5C		7LM41HX	DL8s
86	3003/16	30nL	1.2M	.60mL		20	500k†	3.0u	±15	150m	48			DL14a
87	3004/16	30nL	1.2M	.80mL		20	500k†	5.0u	±15	150m	48			DL14a
88	3500AN	30n♦	1.5M†	5.0m	15n†	22	10M†	20u	±15	90m	28			DL8b
89	SG1556T	30n	1.8M†	6.0m	2.0n♦	24	5.0M†		±15	45m	5C		14LM56ZX	TO99
90	RM1556AD	30n	4.0M†	6.0m	5.0n	24	5.0M†	15u	±15	45m	5C		14LM56ZX	14-21
91	RM1556ADN	30n	4.0M†	6.0m	5.0n	24	5.0M†	15u	±15	45m	5C		14LM56ZX	DL8g
92	RM1556AT	30n	4.0M†	6.0m	5.0n	24	5.0M†	15u	±15	45m	5C		14LM56ZX	TO99
93	RM1556D	30n	4.0M†	6.0m	5.0n	24	5.0M†	15u	±15	45m	5C		14LM56ZX	14-21
94	RM1556DN	30n	4.0M†	6.0m	5.0n	24	5.0M†	15u	±15	45m	5C		14LM56ZX	DL8g
95	RM1556T	30n	4.0M†	6.0m	5.0n	24	5.0M†	15u	±15	45m	5C		14LM56ZX	TO99
96	1008MT	30n	12MΔ	4.0m	30n	22	100M	5.0u	±15	120m	5C		5LM31HX	TO99
97♦	RA2600-2	30n	12M†	4.0m	30n	22	100M	10u	15.0 ±	110m	5C		5LM31HX	TO99
98♦	RA2600-5	30n	12M†	4.0m	30n	22	100M	10u	15.0 ±	110m	5C		5LM31UX	TO86
99	HA9-2600	30n	12M†	6.0m	30n	22	100M	5.0u	±15	111m	5C		26LM00FX	TO91
100	9696	30n	20M†	3.0m	5.0n	24 †	100M	1.0u	±15	660m	57			
101	HA9-2620	30n	35M†	4.0m	30n	22	100M	10u	±15	110m	5C			TO86
102♦	RA2620-5	30n	35M†	4.0m	30n	22	100M	10u	15.0 ±	110m	5C		5LM31HX	TO99
103♦	RC4132D	35n		6.0m	7.5n	30	10M†	20u	15.0 ±	1.3m†				DL14ae
104♦	RC4132Q	35n		6.0m	7.5m	30	10M†	20u	15.0 ±	1.3m†				FP2k
105♦	SN52770FA	35n		7.0m	5.0n	24	100M†		±15	120m	5C		7LM70FX	FP22
106	SN52770JA	35n		7.0m	5.0n	24	100M†		±15	120m	5C		7LM70JX	14-25
107♦	SN52770JP	35n		7.0m	5.0n	24	100M†		±15	120m	5C		7LM70HX	DL8q
108	LM143F	35n	20k†	7.0m	7.0n	24			56	224m	5C		7LM41FX	FP37
109	LM144D	35n	20k†	6.0m	7.0n	24			56	224m	5C		1LM01NX	DL14cc
110	LM144F	35n	20kΔ	6.0m	7.0n	24			56	224m	5C		1LM01FX	FP37

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO/ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TC EO MD PE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1	VA5B153631	35n	1.0M†	7.0m	7.0n	52 †	10M†		56	168m	5C		7LM41HX	TO99
2	VA5B153639	35n	1.0M†	7.0m	7.0n	52 †	10M†		56	168m	07		7LM41HX	TO99
3♦	SN52770L	35n	1.3M†	7.0m	5.0n	24	100M†		±15	60m	5C		7LM70HX	TO99
4	SN52770N	35n	1.3M†	7.0m	5.0n	24	100M†		±15	60m	5C		7LM70JX	DL14x
5♦	SN52770P	35n	1.3M†	7.0m	5.0n	24	100M†		±15	60m	5C		7LM70HX	DL8n
6♦	SN52771FA	35n	1.3M†	7.0m	5.0n	24			±15	120m	5C		7LM71FX	FP22
7	SN52771JA	35n	1.3M†	7.0m	5.0n	24			±15	120m	5C		7LM71JX	14-25
8	SN52771JP	35n	1.3M†	7.0m	5.0n	24			±15	120m	5C		7LM71JX	DL8q
9♦	SN52771L	35n	1.3M†	7.0m	5.0n	24	100M†		±15	60m	5c		7LM71HX	TO99
10	SN52771N	35n	1.3M†	7.0m	5.0n	24	100M†		±15	60m	5C		7LM71JX	DL14x
11♦	SN52771P	35n	1.3M†	7.0m	5.0n	24	100M†		±15	60m	5C		7LM71HX	DL8n
12	1018MT	35n	100M†	6.0m	35n	22	65M	5.0u	±15	120m	5C		5LM31HX	TO99
13	HA2-2620	35n	100M†	6.0m	35n	22	65M		±15	111m	5C		26LM00HX	TO99
14	MA777CJ	40n		30u	5.0m	24	1.0M		±15	100m	07		7LM77NX	DL14ah
15	MA777CJG	40n		30u	5.0m	24	1.0M		±15	100m	07		7LM77NX	DL8v
16	uA735-5B	40nL		2.5m	10nL	30 Ø	5.0M†	3.0u	±15	6.0m	5C		7LM35ZX	TO99
17	3506J	40n		7.0m	40n	22	40M	20u	±15	120m	06		35LM05HX	TO99
18	MCC1436	40n♦		10m	10n♦	50	10M†		56	280m	5C		7LM41HX	CH3
19♦	SN72770FA	40n		14m	14n	22	100M†		±15	120m	07		7LM70FX	FP22
20	SN72770JA	40n		14m	14n	22	100M†		±15	120m	07		7LM70JX	14-25
21	HA2-2625-2	40n	100m†	7.0m	40n	22	40M		±15	120m	07		26LM00HX	TO99
22	MA367CP	40n	50	50u	40n	21	8.0M	1.0u	15	120m	07	OL Gain 136 dB Min	2LM7HX	DL8ah
23	ULS2172D	40n	15kΔ	3.5m	17n	24	8.0M		±15	90m	5C		1LM01HX	TO99
24	ULS2172G	40n	15kΔ	3.5m	17n	24	8.0M		±15	90m	5C		1LM01FX	FPØ
25♦	ULS2171D	40n	15kΔ	5.0m	17n	24	8.0M		±15	90m	5C		7LM41HX	TO99
26	ULS2171G	40n	15kΔ	5.0m	17n	24	8.0M		±15	90m	5C		1LM07FX	FPØ
27♦	ULN2156D	40n	40k†	14m	14n	22	3.0M†		±15	90m	29		7LM41HX	TO99
28	ULN2156G	40n	40k†	14m	14n	22	3.0M†		±15	90m	29		1LM07FX	FPØ
29	AD508JH	40n	300k†	2.5m	8.0n	30 Ø	4.0M†	3.0u	±15	120m	07		1LM18HX	TO99
30	3005/16	40nL	1.0M	1.5mL		20	500k†	10u	±15	150m	48			DL14a
31	3019/16	40nL	1.0M	1.5mL		20	500k†	10u	±15	150m	48			DL14a
32	MC1456L	40n	1.0M†	14m	10n♦	22	3.0M†		±15	90m	07		7LM41JX	TO116
33	SG1456Y	40n	1.0M†	14m	14n	22			±15	90m	07		7LM41HX	DL8s
34	3020/16	40nL	1.2M	1.3mL		20	500k†	5.0u	±15	150m	28			DL14a
35♦	SN72771L	40n	1.3M†	1.4m	14n	22	100M†		±15	120m	07		7LM71HX	TO99
36♦	SN72770L	40n	1.3M†	14m	14n	22	100M†		±15	120m	07		7LM70HX	TO99
37	SN72770N	40n	1.3M†	14m	14n	22	100M†		±15	120m	07		7LM70JX	DL14x
38♦	SN72770P	40n	1.3M†	14m	14n	22	100M†		±15	120m	07		7LM70HX	DL8n
39♦	SN72771FA	40n	1.3M†	14m	14n	22			±15	120m	07		7LM71FX	FP22
40	SN72771JA	40n	1.3M†	14m	14n	22			±15	120m	07		7LM71JX	14-25
41	SN72771N	40n	1.3M†	14m	14n	22	100M†		±15	120m	07		7LM71JX	DL14x
42♦	SN72771P	40n	1.3M†	14m	14n	22	100M†		±15	120m	07		7LM71HX	DL8n
43	SG1456T	40n	1.8M†	14m	10n♦	22	3.0M†		±15	90m	07		14LM56ZX	TO99
44	RC1556AD	40n	3.0M	6.0m	14n	22	3.0M†	20u	±15	500m	07		14LM56ZX	14-21
45	RC1556ANB	40n	3.0M	6.0m	14n	22	3.0M†	20u	±15	500m	07		14LM56ZX	DL8m
46	RC1556AT	40n	3.0M	6.0m	14n	22	3.0M†	20u	±15	500m	07		14LM56ZX	TO99
47	RC1556D	40n	4.0M†	14m	14m	22	3.0M†	20u	±15	60m	07		14LM56ZX	14-21
48	RC1556NB	40n	4.0M	14m	14n	22	3.0M†	20u	±15	60m	07		14LM56ZX	DL8ab
49	RC1556T	40n	4.0M†	14m	14n	22	3.0M†	20u	±15	60m	07		14LM56ZX	TO99
50	1008CT	40n	12MΔ	5.0m	40n	22	40M	5.0u	±15	120m	07		5LM31HX	TO99
51	HA9-2605	40n	12M†	7.0m	40n	22	40M		±15	120m	07		26LM00FX	TO91
52♦	RA2605-2	40n	12M†	7.0m	40n	22	40M	15u	15.0 ±	110m	07		5LM31HX	TO99
53♦	RA2605-5	40n	12M†	7.0m	40n	22	40M	15u	15.0 ±	110m	07		5LM31HX	TO86
54♦	RA2625-5	40n	35M†	7.0m	40n	22	40M	15u	15.0 ±	110m	07		5LM31HX	TO99
55	1018CT	40n	100M†	7.0m	40n	22	40M	5.0u	±15	120m	07		5LM31HX	TO99
56	HA2-2625	40n	100M†	7.0m	40n	22	40M		±15	120m	07		26LM00HX	TO99
57	OP18AJ	50n		0.5m	5.0n	26 †	3.8M	8.0u	±22	500m	5C		1LM08FX	TO99
58	OP18AZ	50n		0.5m	5.0n	26 †	3.8M	8.0u	±22	500m	5C		1LM08HX	DL8ba
59	OP19AZ	50n		500u	5.0n	20	3.8M	8.0u	±22	500m	5C		3MA33HX	DL8ba
60♦	OP18G	50n♦		2.0m	5.0n♦				15.0 ±	90m	6F			CH59
61♦	OP19G	50n♦		2.0m	5.0n♦				15.0 ±	90m	5F			CH54
62	UC4250TY	50n		6.0m	25n	27			±15	2.7m	5C		42LM50HX	TO99
63	AD502J	50nL		7.5m	24nL	24	5.0M	40u	±15	85m	07		7LM41HX	TO99
64	SG3252M	50n		7.5m	15n	15 ±			18 ±	400m	07		12LM52NX	DL14Ø
65	SG3252T	50n		7.5m	15n	15 ±			18 ±	680m	07		12LM52NX	DL14Ø
66	SG3252Y	50n		7.5m	15n	15 ±			18 ±	680m	07		12LM52NX	DL14Ø
67	RM3078ADE†	50n	2.0k†	4.5m	5.0n	10	1.7M		12	300u	5C		30LM78HX	DL8aa
68	1320	50n♦	10kΔ	5.0m	20n♦	24	8.0M	20u♦	±15	95m	5A		7LM41HX	CN1d
69	4250C	50n	250k†	7.5m	15n	24	3.0M	5.0u	12	600u	07		42LM50HX	TO99
70	1003CT	50n	270k†	7.5m	15n	24	3.0M	5.0u	12	600u	07		10LM03HX	TO99
71	AD504LN	50n	300kΔ	500u	10n	20		1.0u	±15	90m	07	precision/low drift		DL8m
72♦	OP02EY	50n	800k	1.0m	4.0n	24	3.8M	8.0u	±15	60m	07		7LM41JX	DL14q
73	OP18EJ	50n	0.8MΔ	1.0m	4.0n		3.8M	8.0u	±15	500m	28		1LM08FX	TO99
74	OP18EZ	50n	0.8MΔ	1.0m	4.0n		3.8M	8.0u	±15	500m	28		1LM08HX	
75	1319-01	50n♦	1.0M†	2.0m	5.0n♦	24	500k	15u	±15	90m	5C		13LM19ZX	TO99
76	A3001	50n♦	1.0M	4.0m	5.0n†	24	2.0M†	10uL	±15	90m	28			CN1c
77	1011MT	50n	1.0M	5.0m	30n	22		5.0u	±15	5.0m	5C		2LM7HX	TO99
78	HA2-2700	50n	1.0M†	5.0m	30n	22			±15	4.5m	5C		27LM00HX	TO99
79	HA2-2704	50n	1.0M†	6.0m	30n	22			±15	4.5m	28		27LM00HX	TO99
80	NC0032	50n	1.4M†	10m	25n	20		25u	±15	600m	5C		00LM32ZX	CN18c
81	OP01HY	50n	2.5M†	1.0m	4.0n	24		8.0u	±15	60m	07		7LM41JX	DL14q
82	OP01L	50n	2.5M†	1.0m	4.0n	24		8.0u	±15	60m	5C		1LM07FX	FP2y
83	OP01Y	50n	2.5M†	1.0m	4.0n	24		8.0u	±15	60m	5C		7LM41JX	DL14q
84	LF155F	50n	2.5M†	7.0m	20n	22	10T†	5.0u	±15	120m	5C		7LM41FX	FP2z
85♦	LF155J	50n	2.5M†	7.0m	20n	11 ±	1.0T†	5.0u	15 ±	120m	5C	comp; biFET; nullable	7LM41HX	DL8s
86♦	LF155JG	50n	2.5M†	7.0m	20n	11 ±	1.0T†	5.0u	15 ±	120m	5C	comp; biFET; nullable	7LM41HX	DL8v
87♦	LF155L	50n	2.5M†	7.0m	20n	11 ±	1.0T†	5.0u	15 ±	120m	5C	comp; biFET; nullable	7LM41HX	CN1k
88▼	LF156	50n	2.5M	7.0m	20n	11.0 ±	1.0T		15 ±	670m	5C		7LM41HX	DL8Ø
89	uAF155HM	50n	2.5M†	7.0m	20n	22	1.0T†	5.0u	±15	120m	5C		7LM41HX	TO99
90	TL071AML	50n	3.0M	5.0m	20n	24	1.0T†	10u	±15	75m	5C		7LM41HX	CN1k
91	uAF771AHM	50n	3.0M†	5.0m	20n	22	1.0T†	10u	±15	84m	5C		7LM41HX	TO99
92	uAF771ARM	50n	3.0M†	5.0m	20n	22	1.0T†	10u	±15	84m	5C		7LM41HX	DL8t
93	uAF771BRM	50n	3.0M†	8.0m	20n	22	1.0T†	10u	±15	84m	5C		7LM41HX	DL8t
94	TL071ML	50n	3.0M	9.0m	20n	24	1.0T†	10u	±15	75m	5C		7LM41HX	CN1k
95	TL080ML	50n	3.0M	9.0m	20n	24	1.0T	10u	±15	84m	5C		1LM01HX	TO99
96	TL081ML	50n	3.0M	9.0m	20n	24	1.0T	10u	±15	84m	5C		3LM43HX	TO99
97♦	LF156JG	50n	4.5M†	7.0m	20n	11 ±	1.0T†	5.0u	15 ±	210m	5C	comp; biFET; nullable	7LM41HX	DL8v
98♦	LF156L	50n	4.5M†	7.0m	20n	11 ±	1.0T†	5.0u	15 ±	210m	5C	comp; biFET; nullable	7LM41HX	CN1k
99	LF156F	50n	5.0M†	7.0m	20n	22	10T†	5.0u	±15	210m	5C		7LM41FX	FP2z
100♦	LF156J	50n	5.0M†	7.0m	20n	11 ±	1.0T†	5.0u	15 ±	210m	5C	comp; biFET; nullable	7LM41HX	DL8s
101	uAF156HM	50n	5.0M†	7.0m	20n	22	1.0T†	5.0u	±15	210m			7LM41HX	TO99
102	SG202Y	50n	8.0M	15m		20	10G	15u	±15	165m	28		1LM02ZX	DL8s
103	SG302Y	50n	8.0M	20m		20	1.0G	20u	±15	165m	07		1LM02ZX	DL8s
104	HA3-2607	50n	12M†	8.0m	50n	20	40M	30u	±15	111m	07		26LM00HX	DL8ap
105	LF157F	50n	20M†	7.0m	20n	22	10T†	5.0u	±15	210m	5C		7LM41FX	FP2z
106♦	LF157J	50n	20M†	7.0m	20n	11 ±	1.0T†	5.0u	15 ±	210m	5C	decomp; biFET; nullbl·	7LM41HX	DL8s
107♦	LF157JG	50n	20M†	7.0m	20n	11 ±	1.0T†	5.0u	15 ±	210m	5C	decomp; biFET; nullbl	7LM41HX	DL8v
108♦	LF157L	50n	20M†	7.0m	20n	11 ±	1.0T†	5.0u	15 ±	120m	5C	decomp; biFET; nullbl	7LM41HX	CN1k
109	uAF157HM	50n	25M†	7.0m	20n	22	1.0T†	5.0u	±15	210m	5C		7LM41HX	TO99
110	HA3-2627	50n	100M†	8.0m	50n	20	40M	30u	±15	111m	07		26LM00HX	DL8ap

5. OPERATIONAL AMPLIFIERS – Single (cont'd)

IN ORDER OF (1) IIB MAX (2) BW UNITY GAIN MIN (3) VIO MAX (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	LM344D	55n	20kΔ	10m	14n	22			56	280m	07		1LM01NX	DL14cc
2♦	OP02AY	55n	800k	1.0m	5.0n	24	3.8M	8.0u	±15	60m	5C		7LM41JX	DL14q
3	VA5B143631	55n	1.0M†	14m	14n	52 †	10M†		56	224m	5C		7LM41HX	TO99
4	VA5B143639	55n	1.0M†	14m	14n	52 †	10M†		56	224m	07		7LM41HX	TO99
5	SG1436M	55n	1.8M†	14m	14n	44	10M†		56	280m	07		7LM41HX	DL8h
6	OP06AY	60n		.18m	1.0n	28 †	0.8M	0.8u	±15	500m	5C		7LM25NX	
7	OP18BJ	60n		2.0m	6.0n	26 †	2.3M	10u	±22	500m	5C		1LM08FX	TO99
8	OP18BZ	60n		2.0m	6.0n	26 †	2.3M	10u	±22	500m	5C		1LM08HX	DL8ba
9	OP19BZ	60n		2.0m	6.0n	20	2.3M	10u	±22	500m	5C		3MA33HX	DL8ba
10	844BE	60n		3.0m	10n	27	25M	3.0u	±15	90m	5C		8LM44HX	TO99
11	844BH	60n		3.0m	10n	30	25M	15u	±20	570m	5C		8LM44HX	FP5
12♦	844BL	60n		3.0m	10n	27	25M	3.0u	±15	90m	5C		8LM44LX	TO116
13	845BE	60n		3.0m	10n	24	25M	3.0u	±15	90m	5C		8LM44HX	TO99
14	845BH	60n		3.0m	10n	30	25M	15u	±20	570m	5C		8LM46HX	FP5
15♦	845BL	60n		3.0m	10n	24	25M	3.0u	±15	90m	5C		8LM44LX	TO116
16	846BE	60n		3.0m	10n	27	25M	3.0u	±15	90m	5C		8LM46HX	TO99
17	846BH	60n		3.0m	10n	30	25M	15u	±20	570m	5C		8LM46HX	FP5
18♦	846BL	60n		3.0m	10n	27	25M	3.0u	±15	90m	5C		8LM46LX	TO116
19♦	LM141F	60n		3.0m	10n	12.0 ±	25M	15u	15.0 ±	120m	5C	comp; nullable	7LM41H	TO91
20♦	LM141H	60n		3.0m	10n	12.0 ±	25M	15u	15.0 ±	120m	5C	comp; nullable	7LM41H	TO99
21♦	LM141J	60n		3.0m	10n	12.0 ±	25M	15u	15.0 ±	120m	5C	comp; nullable	7LM41H	TO116
22	LM142F	60n		3.0m	10n	30	25M	15u	±20	120m	5C		1LM07FX	TO99
23	LM142J	60n		3.0m	10n	30	25M	15u	±20	120m	5C		1LM07NX	TO116
24♦	LM241F	60n		3.0m	10n	12.0 ±	25M	15u	15.0 ±	120m	28	comp; nullable	7LM41H	TO91
25♦	LM241H	60n		3.0m	10n	12.0 ±	25M	15u	15.0 ±	120m	28	comp; nullable	7LM41H	TO99
26♦	LM241J	60n		3.0m	10n	12.0 ±	25M	15u	15.0 ±	120m	28	comp; nullable	7LM41H	TO116
27	LM242F	60n		3.0m	10n	30	25M	15u	±20	120m	28		1LM07FX	TO91
28	LM242J	60n		3.0m	10n	30	25M	15u	±20	120m	28		1LM07NX	TO116
29	CIA2	60n♦	1.5M		2.0n♦	22	1.0M	10u	±15	150m	28			
30♦	LM142H	60n	3.0M†	3.0m	10n	30		15u	20.0 ±	120m	5C			TO99
31♦	LM242H	60n	3.0M†	3.0m	10n	30		15u	20.0 ±	120m	28			TO99
32	HA9-2602	60n	12M†	7.0m	60n	22	40M		±15	120m	5C		26LM00FX	TO91
33	HA2-2622	60n	100M†	7.0m	60n	22	40M		±15	120m	5C		26LM00HX	TO99
34	OP06BY	70n		0.7m	4.0n	28 †	0.7M	2.0u	±15	500m	5C		7LM25NX	T
35	uA725AFM	70n		.75m	4.0n			2.0u	±22		5C		7LM25HX	FP2w
36	uA725ARM	70n		.75m	4.0n			2.0u	±22		5C		7LM25HX	DL8t
37	RC4131CD	70n♦		6.0m		30	3.0M†		±15	57m	07		41LM31ZX	DL14ae
38	RC4131CQ	70n♦		6.0m		30	3.0M†		±15	57m	07		41LM31ZX	FP2k
39	RC4131CT	70n♦		6.0m		30	3.0M†		±15	57m	07		41LM31ZX	TO99
40	3021/16	70nL	1.0M	2.5mL		20	500k†	10u	±15	150m	28			DL14a
41	1011CT	70n	1.0M	7.0m	40n	22		5.0u	±15	5.0m	07		2LM7HX	TO99
42	HA2-2705	70n	1.0M†	7.0m	40n	22			±15	4.5m	07		27LM00HX	TO99
43	MA318	70n†	7.0M	6.0m	15n†	23	1.0M	7.0u	±15	300m	07		7LM41HX	MD8Ø
44	uA725ERC	75n		.50m	5.0n		1.5M†	2.0u	±22		07		7LM25HX	DL8t
45	MA777ML	75n		3.0m	10n	24	2.0M	15u	±15	100m	5C		7LM77HX	TO99
46	MA777MP	75n		3.0m	10n	24	2.0M	15u	±15	100m	5C		7LM77HX	DL8q
47	SN52777FA	75n		3.0m	10n	24	2.0M	15u	±15	100m	5C		7LM77FX	FP2t
48	SN52777JA	75n		3.0m	10n	24	2.0M	15u	±15	100m	5C		7LM77NX	14-25
49	uA777DM	75n		3.0m	10n	24	2.0M	15u	±15	85m	5C		7LM77NX	TO116
50	uA777FM	75n		3.0m	10n	24	2.0M	15u	±15	85m	5C		7LM77FX	TO91
51	uA777HM	75n		3.0m	10n	24	2.0M	15u	±15	85m	5C		7LM77HX	TO99
52	808CE	75n♦		5.0m	40n♦	18	2.0M	14u♦	±15	225m	0A		8LM05ZX	CNØ
53	uA735B-5B	75nL		5.0m	60nL	30 Ø	5.0M†	3.0u	±15	6.0m	28		7LM35ZX	TO99
54	MA362CP	75n	45	75u	60n	42	7.5M	1.5u	24	216m	07	Slew rate 12V/us min	2LM7HX	DL8ah
55♦	SG777F	75n	80 †	3.0m	10n	24	2.0M	15u	15.0 ±	85m	5C		1LM01FX	TO91
56♦	RA2601-1	75n	100 Δ	6.0m	25n	22	40k	25u	15.0 ±	110m	07			TO86
57♦	RA2601-2	75n	100 Δ	6.0m	25n	22	40k	25u	15.0 ±	110m	07			TO100
58	ULS2158D	75n	8.0kΔ	3.5m	10n	24	1.5M		±15	85m	5C		1LM01HX	TO99
59	ULS2158G	75n	8.0kΔ	3.5m	10n	24	1.5M		±15	85m	5C		1LM01FX	FPØ
60♦	ULS2151D	75n	8.0kΔ	5.0m	15n	24	1.5M	3.0u♦	±15	85m	5C		7LM41HX	TO99
61	ULS2151G	75n	8.0kΔ	5.0m	15n	24	1.5M	3.0u♦	±15	85m	5C		1LM07FX	FPØ
62♦	T3748F	75n	10kΔ	2.0m	10n	12.0 ±	1.5M	6.0u	15.0 ±	85m	07	comp; nullable	7LM48NX	TO91
63♦	T3748J	75n	10kΔ	2.0m	10n	12.0 ±	1.5M	6.0u	15.0 ±	85m	07	comp; nullable	7LM48NX	TO116
64♦	T3748V	75n	10kΔ	2.0m	10n	12.0 ±	1.5M	6.0u	15.0 ±	85m	07	comp; nullable	7LM48NX	TO99
65♦	ULN2171D	75n	10kΔ	6.5m	30n	24	2.0M		±15	95m	07		7LM41HX	TO99
66	ULN2171G	75n	10kΔ	6.5m	30n	24	2.0M		±15	95m	07		1LM07FX	FPØ
67	ULN2172D	75n	10kΔ	6.5m	30n	24	2.0M		±15	95m	59		1LM01HX	TO99
68	ULN2172G	75n	10kΔ	6.5m	30n	24	2.0M		±15	95m	59		1LM01FX	FPØ
69	L140AA	75n♦	300kΔ	5.0m	15n♦	24			±15	500m	5C	Low Power/Gen Purpose		TO99
70♦	ULS2159D	75n	400k†	3.5m	15n				±15	70m	5C		7LM41HX	TO99
71	ULS2159G	75n	400k†	3.5m	15n				±15	70m	5C		1LM07FX	TO91
72	ULS2159H	75n	400k†	3.5m	15n				±15	70m	5C		7LM41JX	DL14an
73	ULS2159M	75n	400k†	3.5m	15n				±15	70m	5C		3LM43HX	DL8a
74	SG777Y	75n	500k	3.0m	10n	24		15u	±15	84m	5C		1LM01HX	DL8s
75	LM201AØ	75n	1.0M	2.0m	1.5n			15u	±20	48m	28	Overload Protection		CN1g
76♦	207A1	75n♦	2.0M	200u	20n	22	500k†	1.0u♦	15.0 ±	210m	5C			CN2
77♦	207A2	75n♦	2.0M	200u	20n	22	500k†	2.0u♦	15.0 ±	210m	5C			CN2
78♦	207B1	75n♦	2.0M	500u	20n	22	500k†	5.0u♦	15.0 ±	210m	5C			CN2
79♦	207C1	75n♦	2.0M	1.0m	20n	22	500k†	10u♦	15.0 ±	210m	5C			CN2
80	AD101AF	75n	8.0M	2.0m	10n	80	1.5M	5.0u	±20	72m	5C		1LM01FX	DL8z
81	AD505JH	75n	12MΔ	5.0m		22	2.0M		±15	200m		High Speed		TO100
82	OP06FY	80n		0.6m	5.0n	28 †	0.7M	2.0u	±15	500m	07		7LM25NX	TO
83	UC4250CTY	80n		7.5m	25n	27			±15	3.0m	07		42LM50HX	TO99
84	AD504MN	80n♦	300kΔ	500u	10n♦	30	1.3M	500n	±15		07	precision/low drift		DL8m
85	3006/16	80nL	800k	3.0mL		20	500k†	20u	±15	150m	48			DL14a
86	3015/16	80nL	1.0M	2.5mL		20	500k†	25u	±15	180m	48			DL14a
87♦	3014-16	80nL	6.0M	2.0mL		X	500k†	20u	15.0 ±	180m	48			DL14a
88	T7741WF	90n		6.0m	30n	24	3.0M		±15	85m	5C		1LM01HX	TO116
89	T7741WJ	90n		6.0m	30n	24	3.0M		±15	85m	5C		1LM01HX	TO116
90	T7741WV	90n		6.0m	30n	24	3.0M		±15	85m	5C		1LM01HX	TO99
91	ICB8008C	90n		7.5m	30n	24	1.0M		±15	85m	07		7LM41HX	TO99
92	T8741WF	90n		7.5m	30n	24	1.0M		±15	85m	07		1LM01HX	TO86
93	T8741WJ	90n		7.5m	30n	24	1.0M		±15	85m	07		1LM01HX	TO116
94	T8741WV	90n		7.5m	30n	24	1.0M		±15	85m	07		1LM01HX	TO99
95♦	TOA8741E	90n	10 Δ	7.5m	30n	12.0 ±	1.0M		15.0 ±	85m		comp; nullable	7LM41H	TO116
96	TOA8709E	90n	10 Δ	10m	30n	16	1.0M	6.0u	±15	200m	07		7LM09N	TO116
97♦	TOA8741WE	90n	100 Δ	7.5	30n	12.0 ±	1.0		15.0 ±	85		comp; nullable	7LM41H	TO116
98	T7709V	90n	10kΔ	6.0m	30n	16	3.0M	6.0u	±15	165m	5C		7LM09HX	TO99
99♦	T7741F	90n	10kΔ	6.0m	30n	12.0 ±	3.0M		15.0 ±	85m	5C	comp; nullable	7LM41H	TO91
100♦	T7741J	90n	10kΔ	6.0m	30n	12.0 ±	3.0M		15.0 ±	85m	5C	comp; nullable	7LM41H	TO116
101♦	T7741V	90n	10kΔ	6.0m	30n	12.0 ±	3.0M		15.0 ±	85m	5C	comp; nullable	7LM41H	TO99
102♦	T7748F	90n	10kΔ	6.0m	30n	12.0 ±	3.0M		15.0 ±	85m	5C	comp; nullable	7LM48NX	TO99
103♦	T7748J	90n	10kΔ	6.0m	30n	12.0 ±	3.0M		15.0 ±	85m	5C	comp; nullable	7LM48NX	TO99
104♦	T7748V	90n	10kΔ	6.0m	30n	12.0 ±	3.0M		15.0 ±	85m	5C	comp; nullable	7LM48NX	TO99
105	TOA7709	90n	10kΔ	6.0m	30n	16	3.0M	6.0u	±15	165m	5C		7LM09HX	TO79
106	TOA7709F	90n	10kΔ	6.0m	30n	16	3.0M	6.0u	±15	165m	5C		7LM09F	TO91
107	TOA7709J	90n	10kΔ	6.0m	30n	16	3.0M	6.0u	±15	165m	5C		7LM09N	TO116
108♦	TOA7741	90n	10kΔ	6.0m	30n	12.0 ±	3.0M		15.0 ±	85m	5C	comp; nullable	7LM41H	TO99
109♦	T8741F	90n	10kΔ	7.5m	30n	12.0 ±	1.0M		15.0 ±	85m	07	comp; nullable	7LM41H	TO91
110♦	T8741J	90n	10kΔ	7.5m	30n	12.0 ±	1.0M	6.0u	15.0 ±	85m	07	comp; nullable	7LM41H	TO116

LINE No.	4 TYPE NUMBER	1 IIB MAX (A)	2 BW UNITY GAIN MIN (Hz)	3 VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO/ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE (- +)	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1♦	T8741V	90n	10kΔ	7.5m	30n	12.0 ±	1.0M		15.0 ±	85m	07	comp; nullable	7LM41H	TO99
2♦	T8748F	90n	10kΔ	7.5m	30n	12.0 ±	1.0M		15.0 ±	85m	07	comp; nullable	7LM48NX	TO91
3♦	T8748J	90n	10kΔ	7.5m	30n	12.0 ±	1.0M		15.0 ±	85m	07	comp; nullable	7LM48NX	TO116
4♦	T8748V	90n	10kΔ	7.5m	30n	12.0 ±	1.0M		15.0 ±	85m	07	comp; nullable	7LM48NX	TO99
5♦	TOA8741	90n	10kΔ	7.5m	30n	12.0 ±	1.0M		15.0 ±	85m	07	comp; nullable	7LM41H	TO99
6♦	TOA8748E	90n	10kΔ	7.5m	30n	12.0 ±	1.0M		15.0 ±	85m	07	comp; nullable	7LM48NX	TO99
7	T8709V	90n	10kΔ	10m	30n	16	1.0M	6.0u	±15	200m	07		7LM09HX	TO99
8	TOA8709	90n	10kΔ	10m	30n	16	1.0M	6.0u	±15	200m	07		7LM09HX	TO79
9	TOA8709F	90n	10kΔ	10m	30n	16	1.0M	6.0u	±15	200m	07		7LM09F	TO91
10	TOA8709J	90n	10kΔ	10m	30n	16	1.0M	6.0u	±15	200m	07		7LM09N	TO116
11♦	TOA7741W	90n	100kΔ	6.0m	30n	12.0 ±	3.0M		15.0 ±	85m	5C	comp; nullable	7LM41H	TO99
12♦	TOA7741WF	90n	100kΔ	6.0m	30n	12.0 ±	3.0M		15.0 ±	85m	5C	comp; nullable	7LM41H	TO91
13▼	TOA7741WP	90n	100k	7.5m	30n	12 ±	1.0M		15 ±	85m	5C			TO116
14▼	TOA8741W	90n	100k	7.5m	30n	12 ±	1.0M		15 ±	85m	07			TO99
15▼	TOA8741WF	90n	100k	7.5m	30n	12 ±	1.0M		15 ±	85m	07			TO91
16▼	TOA8741WP	90n	100k	7.5m	30n	12 ±	1.0M		15 ±	85m	07			TO116
17	MC1456CL	90n♦	1.0M†	12m	30n♦	21	3.0M†		±15	120m	07		7LM41JX	TO116
18	SG1456CY	90n♦	1.0M†	12m	30n♦	21			±15	120m	07		7LM41HX	DL8s
19	SG1456CT	90n♦	1.8M†	12m	30n♦	21	3.0M†		±15	120m	07		14LM56ZX	TO99
20	3007/16	90nL	2.0M†	2.3mL		20	500k†	5.0u	±15	150m	48			DL14a
21	ICL8008CDA	90n	2.0M†	7.5m	30n	20	1.0M	10u	±15	85m	07		7LM41HX	
22	AMSSS725EJ	100n		600u	7.0n	27	700k	2.0u	±15	120m	07		7LM25HX	TO99
23	uA725RC	100n		1.0m	20n		1.5M†		±22		07		7LM25HX	DL8t
24	LM725D	100nL		1.5m	20nL	27	1.5M†	5.0u	±15	105m	5C		7LM25HX	DL14bv
25	uA725RM	100n		1.5m	20n			5.0u	±22		5C		7LM25HX	DL8t
26♦	OA301A	100n♦		2.0m	25n♦	24	4.0M†	1.5u	15.0 ±	1.3	27		7LM41JX	DL14f
27♦	OA302	100n♦		2.0m	25n♦	24	4.0M†	3.0u	15.0 ±	1.3	27		7LM41JX	DL14f
28♦	OA304	100n♦		2.0m	25n♦	24	4.0M†	500n	15.0 ±	1.3	27		7LM41JX	DL14f
29♦	OA305	100n♦		2.0m	25n♦	24	4.0M†	1.0u	15.0 ±	1.3	27		7LM41JX	DL14f
30	AMLM101A	100n		3.0m	20n	30	1.5M	15u	±20	60m	5C		1LM01NX	TO99
31	AMLM101AD	100n		3.0m	20n	30	1.5M	15u	±20	60m	5C		1LM01NX	DL14m
32	AMLM101AF	100n		3.0m	20n	30	1.5M	15u	±20	60m	5C		1LM01NX	FP18
33	AMLM107	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM07HX	TO99
34	AMLM107D	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM07HX	DL14m
35	AMLM107F	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM07HX	FP18
36	AMLM201A	100n		3.0m	20n	30	1.5M	15u	±20	60m	28		1LM01NX	TO99
37	AMLM201AD	100n		3.0m	20n	30	1.5M	15u	±20	60m	28		1LM01NX	DL14m
38	AMLM201AF	100n		3.0m	20n	30	1.5M	15u	±20	60m	28		1LM01NX	FP18
39	AMLM207	100n		3.0m	20n	30	1.5M	15u	±20	120m	28		1LM07HX	TO99
40	AMLM207D	100n		3.0m	20n	30	1.5M	15u	±20	120m	28		1LM07HX	DL14m
41	AMLM207F	100n		3.0m	20n	30	1.5M	15u	±20	120m	28		1LM07HX	FP18
42♦	AMSSS741J	100n		3.0m	10n	12 ±	2.0M		15 ±	85m	5C	compensated; nullable	7LM41JX	TO99
43	CA101AG	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01HX	DL8ad
44	CA101AS	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01HX	CN46
45	CA101AT	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01HX	MO002AL
46	CA107G	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM07HX	DL8ad
47	CA107S	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM07HX	CN46
48	CA107T	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM07HX	MO002AL
49	CA201AG	100n		3.0m	20n	30	1.5M	15u	±20	120m	28		1LM01HX	DL8ad
50	CA201AS	100n		3.0m	20n	30	1.5M	15u	±20	120m	28		1LM01HX	CN46
51	CA201AT	100n		3.0m	20n	30	1.5M	15u	±20	120m	28		1LM01HX	MO002AL
52	CA207G	100n		3.0m	20n	30	1.5M	15u	±20	120m	28		1LM07HX	DL8ad
53	CA207S	100n		3.0m	20n	30	1.5M	15u	±20	120m	28		1LM07HX	CN46
54	CA207T	100n		3.0m	20n	30	1.5M	15u	±20	120m	28		1LM07HX	MO002AL
55	CTS101A	100n		3.0m	20n				±20	500m	5C		1LM01HX	TO5
56	HA2A2107	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		21LM07HX	TO99
57	HA2A2207	100n		3.0m	20n	30	1.5M	15u	±20	120m	28		21LM07HX	TO99
58	HA9W2107	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		21LM07FX	TO91
59	HA9W2207	100n		3.0m	20n	30	1.5M	15u	±20	120m	28		21LM07FX	TO91
60	LM101AF883	100n		3.0m	20n				±20	120m	5C	Overload Protection		FP2n
61	LM101AL	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01HX	CN1k
62	LM107D	100n		3.0m	20n	30	1.5M	15u	±20	100m	5C		1LM07HX	DL14bv
63	LM107F883	100n		3.0m	20n				±20	120m	5C	709/741 compatible		FP2n
64	LM107H03	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C	709/741 compatible		TO99
65	LM107J03	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C	709/741 compatible		TO116
66	LM107L	100n		3.0m	20n	30	1.5M	15u	±20	500m	5C		1LM07HX	DL14af
67	LM201AL	100n		3.0m	20n	30	1.5M	15u	±15	90m	28		1LM01HX	CN1k
68	LM207D	100n		3.0m	20n	30	1.5M	15u	±20	100m	28		1LM07HX	DL14bv
69	LM207DE	100n		3.0m	20n	30	1.5M	15u	±20	100m	28		1LM07HX	DL8aa
70	LM207F	100n		3.0m	20n	30	1.5M	15u	±20	100m	28	Gen Purp w/Freq comp	1LM07NX	FP37
71	LM207L	100n		3.0m	20n	30	1.5M	15u	±20	500m	28		1LM07HX	DL14af
72	JANM38510/10103ACA	100n		3.0m	20n	40 Ø		15u	±20	90m	5C		1LM01NX	DL14bb
73	JANM38510/10103ACB	100n		3.0m	20n	40 Ø		15u	±20	90m	5C		1LM01NX	DL14bb
74	JANM38510/10103ACC	100n		3.0m	20n	40 Ø		15u	±20	90m	5C		1LM01NX	DL14bb
75	JANM38510/10103AGA	100n		3.0m	20n	40 Ø		15u	±20	90m	5C		1LM01HX	CN1t
76	JANM38510/10103AGC	100n		3.0m	20n	40 Ø		15u	±20	90m	5C		1LM01HX	CN1t
77	JANM38510/10103AHA	100n		3.0m	20n	40 Ø		15u	±20	90m	5C		1LM01FX	FP31
78	JANM38510/10103AHC	100n		3.0m	20n	40 Ø		15u	±20	90m	5C		1LM01FX	FP31
79	MLM101AG	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01HX	CN1k
80	MLM101AU	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01HX	DL8s
81	MLM107G	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM07HX	TO99
82	MLM201AG	100n		3.0m	20n	30	1.5M	15u	±20	120m	28		1LM01HX	CN1k
83	MLM201AP1	100n		3.0m	20n	30	1.5M	15u	±20	120m	28		1LM01HX	DL8ac
84	MLM201AU	100n		3.0m	20n	30	1.5M	15u	±20	120m	28		1LM01HX	DL8s
85	MLM207G	100n		3.0m	20n	30	1.5M	15u	±20	120m	28		1LM07HX	TO99
86♦	MT101A	100n		3.0m	20n	30	1.5M	15u	20.0 ±	100m	5C		1LM01HX	CN1c
87	MT107	100n		3.0m	20n	30	1.5M	15u	±20	100m	5C		1LM07HX	CN1c
88♦	MT107-883	100n		3.0m	20n	30			20.0 ±	120m	5C		1LM07HX	CN1c
89♦	MT201A	100n		3.0m	20n	30	1.5M	15u	20.0 ±	100m	28		1LM01HX	CN1c
90	RM101ABL	100n		3.0m	20n	30	1.5M	15u	±15	500m	5C		1LM01HX	CH24
91	RM4131D	100n		3.0m	20n	30	3.5M†	15u	±15	40m	5C		41LM31ZX	DL14ae
92	RM4131Q	100n		3.0m	20n	30	3.5M†	15u	±15	40m	5C		41LM31ZX	FP2k
93	SE535V	100n		3.0m	20n	24	3.0M	15u	±15	84m	5C		7LM41HX	DL8k
94	SN52101AFA	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01FX	FP22
95	SN52101AJA	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01FX	14-25
96	SN52107JA	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		3LM43HX	14-25
97	SN52107P	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		3LM43HX	DL8d
98♦	SSS741J	100n		3.0m	10n	12 ±	2.0M		15 ±	85m	5C	compensated; nullable	7LM41HX	TO99
99♦	SSS741Y	100n		3.0m	10n	12 ±	2.0M		15 ±	85m	5C	compensated; nullable	7LM41HX	DL14q
100	uA207DM	100n		3.0m	20n			15u	±22	150m	5C		1LM07HX	DL14br
101	uA207HM	100n		3.0m	20n	30	1.5M	15u	±20		28		1LM07HX	CN1d
102	uA748AFM	100n		3.0m	25n	24	2.0M	15u	±20	85m	5C		7LM48FX	
103♦	SSS741BJ	100n		4.0m	10n	12 ±	2.0M		15 ±	85m	28	compensated; nullable	7LM41HX	TO99
104♦	SSS741BY	100n		4.0m	10n	12 ±	2.0M		15 ±	85m	28	compensated; nullable	7LM41HX	DL14q
105	OP18CJ	100n		5.0m	25n	26 †	1.0M	20u	±22	500m	5C		1LM08FX	TO99
106	OP18CZ	100n		5.0m	25n	26 †	1.0M	20u	±22	500m	5C		1LM08HX	DL8ba
107	OP19CZ	100n		5.0m	25n	20	1.0M	20u	±22	500m	5C		3MA33HX	DL8ba
108	OP19GZ	100n		5.0m	25n	20	1.0M	20u	±22	500m	07		3MA33HX	DL8ba
109♦	TCA520A	100n♦		5.0m	30n♦	5.4 §			5.0	5.0m†	27	Decompensated;Null	7LM25HX	DL8o
110♦	TCA520	100n♦		6.0m	30n♦	5.4 §			5.0	5.0m†	27	Decompensated;Null	7LM25HX	TO99

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	844CE	100n		7.5m	20n	27	10M	10u	±15	90m	07		8LM44HX	TO99
2♦	844CL	100n		7.5m	20n	27	10M	10u	±15	90m	07		8LM44LX	TO116
3	844CP	100n		7.5m	20n	27	10M	10u	±15	90m	07		8LM44HX	DL8af
4	845CE	100n		7.5m	20n	24	10M	10u	±15	90m	07		8LM44HX	TO99
5♦	845CL	100n		7.5m	20n	24	10M	10u	±15	90m	07		8LM44LX	TO116
6	845CP	100n		7.5m	20n	24	10M	10u	±15	90m	07		8LM44HX	DL8af
7	846CE	100n		7.5m	20n	27	10M	10u	±15	90m	07		8LM46HX	TO99
8♦	846CL	100n		7.5m	20n	27	10M	10u	±15	90m	07		8LM46LX	TO116
9	846CP	100n		7.5m	20n	27	10M	10u	±15	90m	07		8LM46HX	DL8af
10♦	LM341F	100n		7.5m	20n	24	1.5M	30u	15.0 ±	90m	07			TO91
11♦	LM341H	100n		7.5m	20n	24	1.5M	30u	15.0 ±	90m	07			TO99
12♦	LM341J	100n		7.5m	20n	24	1.5M	30u	15.0 ±	90m	07			TO116
13	LM342F	100n		7.5m	20n	24	1.5M	30u	±15	90m	07		1LM07FX	TO91
14	LM342J	100n		7.5m	20n	24	1.5M	30u	±15	90m	07		1LM07NX	TO116
15	uA776DC	100n		7.5m	40n	20	5.0M†		±15	5.7m	07		42LM50HX	DL14br
16	T107F	100n	10 Δ	3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM07ZX	TO91
17	T107J	100n	10 Δ	3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM07NX	TO116
18	T107V	100n	10 Δ	3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM07HX	TO99
19	T207F	100n	10 Δ	3.0m	20n	30	1.5M	15u	±20	120m	28		1LM07ZX	TO91
20	T207J	100n	10 Δ	3.0m	20n	30	1.5M	15u	±20	120m	28		1LM07NX	TO116
21	T207V	100n	10 Δ	3.0m	20n	30	1.5M	15u	±20	120m	28		1LM07HX	TO99
22	TOA107E	100n	10 Δ	3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM07NX	14-4j
23	TOA207E	100n	10 Δ	3.0m	20n	30	1.5M	15u	±20	120m	28		1LM07NX	14-4j
24♦	VA5B10731	100n	10 Δ	3.0m	20n	30	1.5M	15u	±15	85m	5C		1LM07HX	TO99
25♦	VA5B10739	100n	10 Δ	3.0m	20n	30	1.5M	15u	±15	85m	07		1LM07HX	TO99
26	LM101AJ03	100n	100 †	3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01HX	FP2n
27	LM201ADE	100n	100 †	3.0m	20n	30	1.5M	15u	±20	120m	28	Overload Protection		DL8aa
28♦	S5101AG	100n	100 †	3.0m	20n	30	1.5M	15u	20.0 ±	120m	5C		1LM01FX	TO91
29	T101AF	100n	100 †	3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01FX	TO91
30	T101AJ	100n	100 †	3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01NX	TO116
31	T101AV	100n	100 †	3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01HX	TO99
32	T201AF	100n	100 †	3.0m	20n	30	1.5M	15u	±20	120m	28		1LM01FX	TO91
33	T201AJ	100n	100 †	3.0m	20n	30	1.5M	15u	±20	120m	28		1LM01NX	TO116
34	T201AV	100n	100 †	3.0m	20n	30	1.5M	15u	±20	120m	28		1LM01HX	TO99
35	TOA101AE	100n	100 †	3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01NX	14-4j
36	TOA201AE	100n	100 †	3.0m	20n	30	1.5M	15u	±20	120m	28		1LM01NX	14-4j
37	LM101A	100n	1.0k†	3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01HX	CN1c
38	L140CA	100n♦	300kΔ	10m	30n♦	24			±15	500m	07	Low Power/Gen Purpose		TO99
39♦	SFC2431	.10u♦	400k†	5.0m†	10n♦		600k†	15u♦	16	110m	07		14LM31GX	TO100
40♦	SG777CJ	100n♦	500k†	5.0m	20n♦	24	1.0M	30u	15.0 ±	85m	07		1LM01NX	TO116
41♦	SG777CM	100n♦	500k†	5.0m	20n♦	24	1.0M	30u	15.0 ±	85m	07		1LM01HX	DL8h
42♦	SG777CN	100n♦	500k†	5.0m	20n♦	24	1.0M	30u	15.0 ±	85m	07		1LM01NX	DL14u
43♦	SG777CT	100n♦	500k†	5.0m	20n♦	24	1.0M	30u	15.0 ±	85m	07		1LM01HX	TO99
44♦	SSS841J	100n	700k†	3.0m	10n	30	2.0M	8.0u	20.0 ±	85m	5C			TO99
45♦	SSS841L	100n	700k†	3.0m	10n	30	2.0M	8.0u	20.0 ±	85m	5C			TO91
46♦	SSS841P	100n	700k†	3.0m	10n	30	2.0M	8.0u	20.0 ±	85m	5C			TO116
47♦	UC4107	100n	700k	3.0m	20n	30	1.5M	15u	20.0 ±	120m	5C		1LM07HX	TO99
48	OP19EJ#ai	100n	0.8MΔ	1.0m	10n		3.8M	8.0u	±15	500m	07		7LM41HX	TO99
49	OP19EZ#ai	100n	0.8MΔ	1.0m	10n		3.8M	8.0u	±15	500m	07		7LM41HX	
50	ICL101ALNDD	100n	800k†	3.0m	20n	27 §		15u	±20	120m	5c	Low Noise/General Prp		
51	ICL101ALNFB	100n	800k†	3.0m	20n	27 §		15u	±20	120m	5c	Low Noise/General Prp		
52	ICL101ALNTY	100n	800k†	3.0m	20n	27 §		15u	±20	120m	5c	Low Noise/General Prp		TO99
53	LA101AF	100n	800k	3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01FX	TO91
54	LA101AH	100n	800k	3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01HX	CN1c
55	LA107F	100n	800k	3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM07FX	TO91
56	LA107H	100n	800k	3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM07HX	CN1c
57	LA201AH	100n	800k	3.0m	20n	30	1.5M	15u	±20	120m	28		1LM01HX	TO99
58	LM107	100n	800kΔ	3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM07HX	CN1c
59♦	OP02CY	100n	800k	3.0m	10n	24	2.3M	10u	±15	90m	07		7LM41JX	DL14q
60	OP02Y	100n	800k	3.0m	10n	24	2.3M	10u	±15	90m	5C		7LM41JX	DL14q
61	OP18FJ	100n	0.8MΔ	3.0m	10n		2.3M	10u	±15	500m	28		1LM08FX	TO99
62	OP18FZ	100n	0.8MΔ	3.0m	10n		2.3M	10u	±15	500m	28		1LM08HX	
63	OP19FJ#ai	100n	0.8MΔ	3.0m	10n		2.3M	10u	±15	500m	07		7LM41HX	TO99
64	OP19FZ#ai	100n	0.8MΔ	3.0m	10n		2.3M	10u	±15	500m	07		7LM41HX	
65	MA00318CP	100n	800kΔ	6.0m	50n	26 †		10u	15 ±	500m	57		7LM41HX	
66	SSS101AJ	100n	1.0M†	2.8m	10n	30	2.0M	10u	±20	90m	5C		1LM01HX	TO99
67	SSS101AL	100n	1.0M†	2.8m	10n	30	2.0M	10u	±20	90m	5C		1LM01FX	TO91
68	SSS101AP	100n	1.0M†	2.8m	10n	30	2.0M	10u	±20	90m	5C		1LM01NX	TO116
69	SSS107J	100n	1.0M†	2.8m	10n	30	2.0M	10u	±20	90m	5C		1LM07HX	TO99
70	SSS107L	100n	1.0M†	2.8m	10n	30	2.0M	10u	±20	90m	5C		1LM07ZX	TO91
71	SSS107P	100n	1.0M†	2.8m	10n	30	2.0M	10u	±20	90m	5C		1LM07NX	TO116
72	SSS201AJ	100n	1.0M†	3.0m	20n	30	1.5M	10u	±20	90m	28		1LM01HX	TO99
73	SSS201AL	100n	1.0M†	3.0m	20n	30	1.5M	10u	±20	90m	28		1LM01FX	TO91
74	SSS201AP	100n	1.0M†	3.0m	20n	30	1.5M	10u	±20	90m	28		1LM01NX	TO116
75	SSS207J	100n	1.0M†	3.0m	20n	30	1.5M	12u	±20	90m	28		1LM07HX	TO99
76	SSS207L	100n	1.0M†	3.0m	20n	30	1.5M	12u	±20	90m	28		1LM07ZX	TO91
77	SSS207P	100n	1.0M†	3.0m	20n	30	1.5M	12u	±20	90m	28		1LM07NX	TO116
78	A3000	100n♦	1.0M	4.0m	10n†	24	2.0M†	10uL	±15	90m	28			CN1c
79	247A1	100n♦	2.0M	200u		22	500k†	1.0u	±15	210m	5C			CN2f
80	247A2	100n♦	2.0M	200u		22	500k†	2.0u	±15	210m	5C			CN2f
81	247B1	100n♦	2.0M	500u		22	500k†	5.0u	±15	210m	5C			CN2f
82	247C1	100n♦	2.0M	1.0m		22	500k†	10u	±15	210m	5C			CN2f
83♦	207D1	100n♦	2.0M	5.0m	20n	22	500k†	20u♦	15.0 ±	210m	5C			CN2
84	247D1	100n♦	2.0M	5.0m	20n	22	500k†	20u♦	±15	210m	5C			CN2
85♦	OP01EJ	100n	2.5M†	3.0m	10n	24	4.0M	10u	±15	90m	07		7LM41HX	TO99
86	OP01EP	100n	2.5M†	3.0m	10n	26 †		10u	±15	90m	07		7LM41JX	DL8j
87	OP01EY	100n	2.5M†	3.0m	10n	24	4.0M	10u	±15	90m	07		7LM41JX	DL14q
88♦	OP01FJ	100n	2.5M†	3.0m	10n	24	4.0M	10u	±15	90m	5C		7LM41HX	TO99
89	OP01FL	100n	2.5M†	3.0m	10n	24	4.0M	10u	±15	90m	5C		1LM07FX	FP2y
90	OP01FY	100n	2.5M†	3.0m	10n	24	4.0M	10u	±15	90m	5C		7LM41JX	DL14q
91	SE530T	100n	3.0M†	3.0m	20n	24	3.0M	15u	±15	90m	5C		7LM41HX	TO99
92	SSS741L	100n	3.0M†	3.0m	10n	30	2.0M	8.0u	±20	85m	5c		7LM41FX	TO91
93	SSS741BL	100n	3.0M†	4.0m	10n	30	2.0M	10u	±20	85m	28		7LM41FX	TO91
94♦	LM342H	100n	3.0M†	7.5m	20n	24		30u	15.0 ±	90m	07			TO99
95	AD505K	100n	4M	2.5m			2M	15u♦	15 ±		28		80LM17HX	TO100
96	AD505J	100n	4M	5.0m			2M	15u♦	15 ±		28		80LM17HX	TO100
97	MA319	100n	5.0M	5.0m	30n	26	3.0M	10u	±15	180m	57			DL8ah
98	SG102Y	100n	8.0M	7.5m		20	10G	6.0u	±15	165m	5C		1LM02ZX	DL8s
99	NS7560	.10u	15M	10m	50n	10	2.5M	30u	±15	270m	5C		75LM60ZX	CN8b
100	9695	100n	20M†	7.5m	30n	22 †	50M	10u	±15	450m	27			
101	1010MT	100n	70M	3.0m	20n		2.0M†	5.0u	±15	180m	5C		5LM70HX	TO99
102	9692	100n	100M†	15m	30n	12 †	10M	50u	±15	450m	28			
103	9694	100n	100M†	15m	15n	24 †	10M	50u	±15	210m	57			
104	9688	100n	200M†	15m	20n	6.0 †	100M	50u	±15	360m	57	GP Op Amp module		
105	OP06GY	110n		1.6m	15n	28 †	0.5M	4.5u	±15	500m	07		7LM25NX	
106	uA735C-5B	110nL		7.5m	60nL	30 ⍁	5.0M†	3.0u	±15	6.0m	07		7LM35ZX	TO99
107	3022/16	.11uL	800k	4.0mL		20	500k†	20u	±15	150m	28			DL14a
108	AMSSS725AJ	120n		180u	4.0n	27	800k	800n	±15	120m	5C		7LM25HX	TO99
109	SSS725AJ	120nL		180u	4.0nL	27	800k	800n	±15	120m	5C		7LM25HX	TO99
110	SSS725AL	120nL		180u	4.0nL	27	800k	800n	±15	120m	5C		7LM25HX	FP2y

5. OPERATIONAL AMPLIFIERS – Single (cont'd)

IN ORDER OF (1) IIB MAX (2) BW UNITY GAIN MIN (3) VIO MAX (4) TYPE NUMBER

LINE No.	4 TYPE NUMBER	1 IIB MAX (A)	2 BW UNITY GAIN MIN (Hz)	3 VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	SSS725AY	120nL		180u	4.0nL	27	800k	800n	±15	120m	5C		7LM25NX	DL14q
2	OP06EY	120n		.28m	4.0n		0.8m	0.8u	±15	500m	07		7LM25NX	
3	SFC2101M	120n♦		1.0m†	40n♦		800k†	3.0u♦	±22	79m	5C		1LM01HX	TO99
4	uA776DM	120n		6.0m	40n	20	5.0M†		±15	5.4m	5C		42LM50HX	DL14br
5	WM101T	.12u	50 Δ	1.0m	40n	24	800k	3.0u	±15	100m	5C		1LM01HX	CN18b
6	A560	125n♦	20MΔ	5.0m		20	100M	30u♦	±15	120m	07		5LM31HX	TO99
7	AMSSS725BJ	150n		1.0m	14n	27	700k	2.8u	±15	120m	28		7LM25HX	TO99
8	SSS725BJ	150nL		1.0m	14nL	27	700k	2.8u	±15	120m	28		7LM25HX	TO99
9	SSS725BL	150nL		1.0m	14nL	27	700k	2.8u	±15	120m	28		7LM25HX	FP2y
10	SSS725BY	150nL		1.0m	14nL	27	700k	2.8u	±15	120m	28		7LM25NX	DL14q
11	AD504KN	150n	300kΔ	1.5m	15n	20		3.0u	±15	90m	07	precision/low drift		DL8m
12♦	MC1531F	150n♦	400k†	10m	250n♦	4.0	1.0M		12	150m	5C		14LM31FX	TO91
13♦	MC1531G	150n♦	400k†	10m	250n♦	4.0	1.0M		12	150m	5C		14LM31GX	CN8g
14	007A1	150n♦	2.0M	200u		22	500k†	10u♦	±15	210m	28			FP15
15	007A2	150n♦	2.0M	200u		22	500k†	2.0u♦	±15	210m	28			FP15
16	007A3	150n♦	2.0M†	200u	20n♦	20	500k†	2.0u	±15	90m	58			FP1
17	007A4	150n♦	2.0M†	200u	20n♦	20	500k†	3.0u	±15	90m	58			FP1
18	007A	150n♦	2.0M†	200u	20n♦	20	500k†	5.0u	±15	90m	5C			FP1
19♦	207A3	150n♦	2.0M†	200u	20n♦	20	500k†	2.0u	15.0 ±	90m	5C			CN2
20♦	207A4	150n♦	2.0M†	200u	20n♦	20	500k†	3.0u	15.0 ±	90m	5C			CN2
21♦	207A	150n♦	2.0M†	200u	20n♦	20	500k†	5.0u	15.0 ±	90m	5C			CN2
22	007B1	150n♦	2.0M	500u		22	500k†	5.0u♦	±15	210m	28			FP15
23	007B	150n♦	2.0M†	500u	20n♦	20	500k†	5.0u	±15	90m	5C			FP1
24♦	207B	150n♦	2.0M†	500u	20n♦	20	500k†	5.0u	15.0 ±	90m	5C			CN2
25	007C	150n♦	2.0M†	1.0m	20n♦	20	500k†	10u	±15	90m	5C			FP1
26♦	207C	150n♦	2.0M†	1.0m	20n♦	20	500k†	10u	15.0 ±	90m	5C			CN2
27♦	207E1	150n♦	2.0M	10m	20n	22	500k†	50u♦	15.0 ±	210m	5C			CN2
28	247E1	150n♦	2.0M	10m	20n	22	500k†	50u♦	±15	210m	5C			CN2
29	NE530T	150n	3.0M†	6.0m	80n†	24	1.0M	6.0u	±15	90m	07		7LM41HX	TO99
30	AD505S	150n	4M	2.5m			2M	20u♦	15 ±		5A		80LM17HX	TO100
31	LM725AJ	180n		700u	18n	27	1.5M†	2.0u	±15	105m	5C		7LM25HX	DL8aq
32	SSS725J	180nL		700u	18nL	27	700k	2.0u	±15	120m	5C		7LM25HX	TO99
33	SSS725L	180nL		700u	18nL	27	700k	2.0u	±15	120m	5C		7LM25HX	FP2y
34	SSS725Y	180nL		700u	18nL	27	700k	2.0u	±15	120m	5C		7LM25NX	DL14q
35	OP06CY#mil	180n		1.6m	25n		0.5m	4.5u	±15	500m	5C		7LM25NX	
36	SSS725CJ	180nL		1.6m	25nL	27	500k	4.5u	±15	150m	07		7LM25HX	TO99
37	SSS725CY	180nL		1.6m	25nL	27	500k	4.5u	±15	150m	07		7LM25NX	DL14q
38	TAA522%	200n		1.0m	50n	10	100k	3.0u	±15	165m	5C		7LM09HX	TO99
39	AM725DM	200n		1.5m	40n	27	1.5M†	5.0u	±15	105m	5C		7LM25NX	DL14m
40	AM725HM	200n		1.5m	40n	27	1.5M†	5.0u	±15	105m	5C		1LM01HX	TO99
41	LM725J	200n		1.5m	40n	27	1.5M†	5.0u	±15	105m	5C		7LM25HX	DL8aq
42	PM725J	200n		1.5m	40n	27	1.5M†	5.0u	±15	105m	5C		7LM25HX	TO99
43	PM725Y	200n		1.5m	40n	27	1.5M†	5.0u	±15	105m	5C		7LM25NX	DL14q
44	uA725BHC	200n		2.5m	40n	27	1.5M†	2.0u	±15	120m	28		7LM25HX	CN1f
45	MIC709AC	200n♦		3.0m	50n♦	16	350k	25u	±15	108m	5C		7LM09H	CN1
46	MIC709AD	200n♦		3.0m	50n♦	16	350k	25u	±15	108m	5C		7LM09N	14-2m
47	MA777CL	200n		5.0m	40n	24	1.0M	30u	±15	100m	07		7LM77NX	TO99
48	MA777CN	200n		5.0m	40n	24	1.0M	30u	±15	100m	07		7LM77NX	DL14x
49	MA777CP	200n		5.0m	40n	24	1.0M	30u	±15	100m	07		7LM77HX	DL8n
50	MA777MJ	200n		5.0m	40n	24	1.0M	30u	±15	100m	07		7LM77NX	DL14ah
51	MA777MJG	200n		5.0m	40n	24	1.0M	30u	±15	100m	07		7LM77NX	DL8v
52	RC3078DE†	200n		5.0m	40n	10	870k	6.0u♦	12	1.5m	07		30LM78HX	DL8aa
53	SE535FE	200n		5.0m	40n	24	3.0M	4.0u	±22	1.0 †	5C		55LM34HX	DL8aw
54	SE535H	200n		5.0m	40n	24	3.0M	4.0u	±22	800m	5C		55LM34HX	CN37b
55	SN72777FA	200n		5.0m	40n	24	1.0M	30u	±15	100m	07		7LM77FX	FP2t
56	SN72777JA	200n		5.0m	40n	24	1.0M	30u	±15	100m	07		7LM77NX	14-25
57	uA777PC	200n		5.0m	40n		1.0M	30u	±15	840m	07		7LM77NX	DL14bo
58♦	AMSSS741CJ	200n		6.0m	50n	12 ±	1.0M		15 ±	85m	07	compensated; nullable	7LM41JX	TO99
59	NE535V	200n		6.0m	80n	24	1.0M	6.0u	±15	84m	07		7LM41HX	DL8k
60♦	OA201	200n♦		6.0m	40n♦	24	4.0M†	25u♦	15.0 ±	300m†	28		7LM41JX	DL14f
61♦	OA202	200n♦		6.0m	40n♦	24	4.0M†	25u♦	15.0 ±	300m†	28		7LM41JX	DL14f
62	RC4131D	200n		6.0m	30n	30	3.0M†	20u	±15	57m†	07		41LM31ZX	DL14ae
63	RC4131Q	200n		6.0m	30n	30	3.0M†	20u	±15	57m†	07		41LM31ZX	FP2k
64	RM4709	200n♦		6.0m		20	400k†		±15	225m	5C		7LM09N	DL14ae
65♦	SSS741GJ	200n		6.0m	50n	12 ±	1.0M		15 ±	85m	5C	compensated; nullable	7LM41HX	TO99
66♦	SSS741GY	200n		6.0m	50n	12 ±	1.0M		15 ±	85m	5C	compensated; nullable	7LM41HX	DL14q
67	NE535FE	200n		7.0m	80n	24	1.0M	6.0u	±18	1.0 †	07		55LM34HX	DL8aw
68	NE535H	200n		7.0m	80n	24	1.0M	6.0u	±18	800m	07		55LM34HX	CN37b
69♦	RC741CD	200n♦		7.5m		12 ±	1.0M†		15 ±	85m	07	compensated; nullable	7LM41JX	DL14ae
70	RC741CQ	200n♦		7.5m		30	1.0M†		±15	85m	07		7LM41FX	FP2k
71	RC741CT	200n♦		7.5m		30	1.0M†		±15	85m	07		7LM41HX	TO99
72	RC4741C	200n♦		7.5m		30	1.0M†		±22	170m	07		7LM41JX	DL14ae
73♦	SSS741CJ	200n		7.5m	50n	12 ±	1.0M		15 ±	85m	07	compensated; nullable	7LM41HX	TO99
74♦	SSS741CY	200n		7.5m	50n	12 ±	1.0M		15 ±	85m	07	compensated; nullable	7LM41HX	DL14q
75♦	AD512J	200n		510m	50n	24	1.0M	20u	±15	198m	07		7LM41HX	TO99
76♦	AD512K	200n		510m	50n	24	1.0M	20u	±15	198m	07		7LM41HX	TO99
77♦	AD512S	200n		510m	50n	24	1.0M	25u	±15	198m	5C		7LM41HX	TO99
78♦	WM741T	.20u	10 Δ	1.0m	30n	12.0 ±	1.0M		15.0 ±	50m	5C	comp; nullable	7LM41H	CN18b
79♦	SG777CF	200n	80 †	5.0m	40n	24	1.0M	30u	15.0 ±	85m	07		1LM01FX	TO91
80	CA3078	200n	2.0kΔ	5.0m	40n	10	870k	10u	12	1.2m	07		30LM78HX	MO002AL
81	CA3078AF	200n	2.0k†	5.0m	40n	11 §	870k†		12	1.5m	07		30LM78HX	DL8u
82	CA3078F	200n	2.0k†	5.0m	40n	11 §	870k†		12	1.5m	07		30LM78HX	DL8u
83	WM1709Q	.20u	10kΔ	1.0m	50n	24	1.0M	3.0u	±15	80m	5C		7LM09FX	FP6b
84	WM1709T	.20u	10kΔ	1.0m	50n	24	400k	3.0u	±15	80m	5C		7LM09HX	CN18b
85	CA3047A	200n♦	10k†	5.0m	25n♦	18 §	400k	6.6u	±18	420m	07		30LM33ZX	TO116
86	432	200n†	25kΔ	100m†		40 †	20k†	500u	48	960m	28		4LM23TX	•
87	433	200n	25kΔ	100m		40 †	20k	500n	48	960m	28		4LM23TX	•
88	440KR#1	200n	25kΔ	100m		20	20k†	500u	±15	360m	58		4LM40ZX	CN91
89	440KR#2	200n	25kΔ	100m		40	20k†	500u	50	1.0	58		4LM40ZX	CN91
90	440KR#3	200n	25kΔ	100m		60	20k†	500u	72	2.0	58		4LM40ZX	CN91
91	430	.20u	50kΔ	100m	1.0u	40	500k	500u	50	1.0	28			•
92	434	200n	50kΔ	100m		40 †	20k	500n	48	960m	28		4LM23TX	•
93	AD504JN	200n	300kΔ	2.5m	40n	20		5.0u	±15	120m	07	precision/low drift		DL8m
94	9685	200n	300k†	5.0m	50n	24 †	500k	5.0u	±15	90m	27	High current Op Amp		
95	9686	200n	300k†	5.0m	50n	24 †	500k	5.0u	±15	1.2	27	High current Op Amp		
96	SG777CY	200n	500k	5.0m	40n	24		30u	±15	84m	07		1LM01HX	DL8s
97	MS741X	200n♦	700k	1.0m	50n♦	24	750k		±15	270m	5A		7LM41H	FP12
98♦	SSS841CJ	200n	700k†	6.0m	50n	24	1.0M	15u	15.0 ±	85m	07			TO99
99♦	SSS841CP	200n	700k†	6.0m	50n	24	1.0M	15u	15.0 ±	85m	07			TO116
100♦	SSS841GJ	200n	700k†	6.0m	50n	24	1.0M	15u	15.0 ±	85m	5C			TO99
101♦	SSS841GL	200n	700k†	6.0m	50n	24	1.0M	15u	15.0 ±	85m	5C			TO91
102♦	SSS841GP	200n	700k†	6.0m	50n	24	1.0M	15u	15.0 ±	85m	5C			TO116
103♦	OP02BY	200n	800k	6.0m	50n	26 †	1.0M	20u	±15	90m	5C		7LM41JX	DL14b
104♦	OP02DY	200n	800k	6.0m	50n	26 †	1.0M	20u	±15	90m	07		7LM41JX	DL14b
105	OP18GJ	200n	0.8MΔ	6.0m	50n		1.0M	20u	±15	500m	28		1LM08FX	TO99
106	OP18GZ	200n	0.8MΔ	6.0m	50n		1.0M	20u	±15	500m	28		1LM08HX	
107♦	RM709ABL	200n♦	1.0M†	1.0m	50n♦	8.0 ±	700k†	16u	15.0 ±	90m	5C	decompensated	7LM09H	CH46
108♦	SSS307J	200n	1.0M†	7.5m	50n	30	1.0M	15u	15.0 ±	90m	07		1LM07HX	TO99
109♦	SSS307P	200n	1.0M†	7.5m	50n	30	1.0M	15u	15.0 ±	90m	07		1LM07NX	TO116
110♦	SSS301AJ	200n	1.0M†	10m	50n	27	1.0M	20u	15.0 ±	90m	07		1LM01HX	TO99

5. OPERATIONAL AMPLIFIERS – Single (cont'd)

IN ORDER OF (1) IIB MAX (2) BW UNITY GAIN MIN (3) VIO MAX (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1♦	SSS301AP	200n	1.0M†	10m	50n	27	1.0M	20u	15.0 ±	90m	07		1LM01NX	TO116
2♦	UC4100CM	.20u	1.0MΔ	10m	75n	20	1.0M		15.0 ±	300m	07			DL14b
3	007C1	200n♦	2.0M	1.0m		22	500k†	10u♦	±15	210m	28			FP15
4	415	200n†	2.0M†	100m†		40 †	20k†	500u	48	960m	28		4LM15ZX	•
5	440	200n†	2.0M†	100m†	1.0u†	40 †	20k†	500u	50	1.0 †	58		4LM15ZX	•
6	444	.20u†	2.0M†	100m†		40	20k†	.50u	50	1.0	58		4LM15ZX	•
7	450	.20u†	2.0M†	100m†		40	20k†	.50u	50	400m	5A		4LM15ZX	•
8	OP01CY	200n	2.5M†	6.0m	40n	24	4.0M	20u	±15	90m	07		7LM41JX	DL14q
9	OP01GL	200n	2.5M†	6.0m	40n	24	4.0M	20u	±15	90m	5C		1LM07FX	FP2y
10	OP01GY	200n	2.5M†	6.0m	40n	24	4.0M	20u	±15	90m	5C		7LM41JX	DL14q
11	SSS741GL	200n	3.0M†	6.0m	50n	24	1.0M	15u	±15	85m	5c		7LM41FX	TO91
12	SSS741CL	200n	3.0M†	7.5m	50n	24	1.0M	15u	±15	85m	07		7LM41FX	TO91
13	HA2-909A	200n♦	7.0M†	2.0m	50n♦	24	300k	25uL	±15	75m	5C		9LM09HX	TO99
14	RA2909A	.20u♦	7.0M†	2.0m	50n♦	24	300k	25uL	±15	75m	5C		9LM09HX	TO99
15	HA9-909A	200n♦	7.0M†	3.0m	130u	24	300k	25u	±15	75m	5C		9LM09FX	TO86
16♦	RA909A	.20u♦	7.0M†	3.0m	130u	24	300k	25u	±15	75m	5C		9LM09FX	TO86
17	1324-01	200n♦	10M	2.0m	20n♦	20	3.0M†	15u	±15	450m	07		7LM15HX	TO99
18	4009	.20u†	30M†	100m		30 †	20k†	.50u	72	580m†	57		4LM009ZX	CN14
19	4009#1	200n†	30M†	100m†		20 †	20k†	500u	24	60m	5C		4LM009ZX	CN14
20	4009#2	200n†	30M†	100m†		40 †	20k†	500u	48	240m	5C		4LM009ZX	CN14
21	4009#3	200n†	30M†	100m†		60 †	20k†	500u	72	576m	57		4LM009ZX	CN14
22	1010CT	200n	70M	5.0m	20n		2.0M†	5.0u	±15	180m	07		5LM70HX	TO99
23♦	LM741EJ14	210n		4.0m	70n	12 ±	1.0M	15u	15 ±	150m	07	compensated; nullable	7LM41JX	DL14cd
24♦	LM741AD	210n	437k	3.0m	70n	12 ±	1.0M	15u	15 ±	150m	5C	compensated; nullable	7LM41JX	DL14cc
25♦	LM741AF	210n	437k	3.0m	70n	12 ±	1.0M	15u	15 ±	150m	5C	compensated; nullable	7LM41JX	FP37
26♦	LM741ED	210n	437k	3.0m	70n	12 ±	1.0M	15u	15 ±	150m	07	compensated; nullable	7LM41JX	DL14cc
27♦	LM741EJ	210n	437k	3.0m	70n	12 ±	1.0M	15u	15 ±	150m	07	compensated; nullable	7LM41JX	DL8aq
28	uA741ADM	210n	437kΔ	4.0m	70n	30 ☒	1.0M	15u♦	±15	150m	5C		7LM41HX	DL14br
29	uA741EDC	210n	437kΔ	4.0m	70n	30 ☒	1.0M	15u♦	±15	150m	07		7LM41HX	DL14br
30♦	UC709	.22u		6.0m	75n	8.0 ±	1.0M	6.0u	15.0 ±	80m	5C	decompensated	7LM09H	TO99
31♦	Q85AH	220n♦	30M		10n♦	22	2.0M	27u	15.0 ±	210m	5C		5LM01ZX	CN2
32	SFC2201	.25u♦		2.0m†	.10u♦		400k†	6.0u♦	±22	79m	07		1LM01HX	TO99
33	AM725DC	250n		3.5m	50n	27	3.0m†	2.0u	±15	150m	07		7LM25NX	DL14m
34	AM725HC	250n		3.5m	50n	27	3.0m†	2.0u	±15	150m	07		1LM18HX	TO99
35	LM725CJ	250n		3.5m	50n	27	1.5M†	2.0u	±15	150m	07		7LM25HX	DL8aq
36	PM725CY	250n		3.5m	50n	27	1.5M†	2.0u	±15	150m	07		7LM25NX	DL14q
37♦	LM301AHΔ	250n		7.5m	50n	28 †	500k	30u	15		07	30V Diff Input range	1LM01HX	CN11g
38	WC101T	.25u	50 Δ	2.0m	.10u	24	400k	6.0u	±20	120m	07		1LM01HX	CN18b
39	1319	250n♦	1.0M†	5.0m	50n♦	24	500k	25u	±15	90m	07		13LM19ZX	TO99
40♦	UC4000	250n	1.0M	6.0m	30n	20	800k	10u	15.0 ±	225m	5C			TO101
41♦	UC4000C	250n	1.0M	6.0m	27n	20	800k	10u	15.0 ±	285m	07			TO101
42♦	UC4200CM	.25u	1.0MΔ	15m	.10u	30	2.0M		48.0	240m	07			DL14b
43	A975	250n♦	1.2MΔ	10m		24	100M	30u	±15	180m	07		5LM31HX	TO99
44	808AE	250n	5.0M	5.0m	15n♦	16	1.0M	10u	±15	225m	5C		8LM05ZX	TO100
45	808BE	250n	5.0M	10m	30n♦	16	1.0M	30u	±15	225m	5C		8LM05ZX	TO100
46	ADX118	250n	15MΔ	4.0m	50n	22	1.0M	15u	±15	240m	5C		1LM18HX	CN1c
47	ADX218	250n	15MΔ	4.0m	50n	22	1.0M		±15	240m	28		1LM18HX	CN1c
48	TAA812	280n		1.0m	40n	12	800k	6.0u	±15	500m	5C		1LM01HX	TO99
49	LH0001H	300n		2.0m	100n	40	500k	4.0u	±20	4.3m	5C		00LM01ZX	CN8
50	SFC2709E	.30u♦		2.0m†	.10u♦		250k†		±15	80m	07		7LM09HX	TO116
51	SFC2709P	.30u♦		2.0m†	.10u♦		250k†		±15	80m	07		7LM09FX	TO91
52	TAA521%	300n†		2.0m†	100n†	16	250k†	6.0u	±15	200m	07		7LM09HX	TO99
53	uA744-5B	300n♦		2.0m†	100n♦	20 †	250k†		±15	80m†	5C		7LM44ZX	TO99
54	LH0001AD	300n		4.0m	100n	40		3.0u	±15	3.2m†	5C		00LM01ZX	DL14bv
55	LH0001AF	300n		4.0m	100n	40		3.0u	±15	3.2m†	5C		00LM01ZX	FP37
56	LH0001AH	300n		4.0m	100n	40		3.0u	±15	3.2m†	5C		00LM01ZX	CN17g
57	MCE7042A	300n		5.0m	200n	20			±15	150m	07		70LM42ZX	FP24c
58	RC101ABL	300n		6.0m	30n	30	500k	20u	±15	500m	07		1LM01HX	CH24
59♦	SFC2207PT	300n		6.0m	30n		500k	20u	20.0 ±	120m	28		1LM07FX	TO91
60	LH0001ACD	300n		7.0m	100n	40		3.0u	±15	3.2m†	28		00LM01ZX	DL14bv
61	LH0001ACF	300n		7.0m	100n	40		3.0u	±15	3.2m†	28		00LM01ZX	FP37
62	LH0001ACH	300n		7.0m	100n	40		3.0u	±15	3.2m†	28		00LM01ZX	CN17g
63	TL321IL	300n		7.0m	100n	3.5 §			5.0 §	5.0m	28		1LM07HX	CN1k
64	TL321ML	300n		7.0m	100n	3.5 §			5.0 §	5.0m	5C		1LM07HX	CN1k
65	AMLM301A	300n		10m	70n	27 §	500k	30u	±15	45m	07		1LM01NX	TO99
66	AMLM301AD	300n		10m	70n	27 §	500k	30u	±15	45m	07		1LM01NX	DL14m
67	AMLM307	300n		10m	70n	27 §	500k	30u	±15	90m	07		1LM07HX	TO99
68	AMLM307D	300n		10m	70n	27 §	500k	30u	±15	90m	07		1LM07NX	DL14m
69	CA301AG	300n		10m	70n	24	500k	30u	±15	90m	07		1LM01HX	DL8ad
70	CA307G	300n		10m	70n	24	500k	30u	±15	90m	07		1LM07HX	DL8ad
71	HA2A2307	300n		10m	70n	24	500k	30u	±20	120m	07		21LM07HX	TO99
72	HA9W2307	300n		10m	70n	24	500k	30u	±20	120m	07		21LM07FX	TO91
73	LM301AFE	300n		10m	70n	12		30u	±18	500m	07		1LM01HX	DL8ah
74	LM301AL	300n		10m	70n	24	500k	30u	±15	90m	07		1LM01HX	CN1k
75	LM301AN8	300n		10m	70n	24	500k	30u	±15	90m	07		1LM01HX	DL8af
76	LM307D	300n		10m	70n	24	500k	30u	±15	90m	07		1LM07HX	DL14bv
77♦	LM307F	300n		10m	70n	24	500k	30u	15.0 ±	90m	07		1LM07FX	FP37
78	LM307L	300n		10m	70n	24	500k	30u	±15	500m	07		1LM07HX	DL14af
79♦	MT301A	300n		10m	70n	24	500k	30u	15.0 ±	90m	07		1LM07HX	CN1c
80♦	MT307	300n		10m	70n	24	500k	30u	15.0 ±	90m	07		1LM07HX	CN1c
81	RC709CD	300n♦		10m		20	250k†		±18	200m	07		7LM09NX	DL14ae
82	RC709CQ	300n♦		10m		20	250k†		±18	200m	07		7LM09FX	FP2k
83	RC709CT	300n♦		10m		20	250k†		±18	200m	07		7LM09NX	DL14ae
84	SN72301AFA	300n		10m	70n	24	500k	30u	±15	90m	07		1LM01FX	FP22
85	SN72307FA	300n		10m	70n	24	500k	30u	±15	90m	07		3LM43HX	FP22
86	SN72307JA	300n		10m	70n	24	500k	30u	±15	90m	07		3LM43HX	14-25
87	uA307HC	300n		10m	70n	24	500k	30u	±15		07		1LM07HX	CN1d
88	uA307TC	300n		10m	70n	24	500k	30u	±15		07		1LM07HX	DL8af
89♦	UC4200	.30u		10m	.10u	30	1.0M	6.0u	48.0	180m	5C			TO99
90	9432	300n	10 Δ	6.0m	100n	24	500k	5.0u	±15	300m	58			
91	T307F	300n	10 Δ	10m	70n	24	500k	30u	±15	90m	07		1LM07ZX	TO91
92	T307J	300n	10 Δ	10m	70n	24	500k	30u	±15	90m	07		1LM07NX	TO116
93	T307V	300n	10 Δ	10m	70n	24	500k	30u	±15	90m	07		1LM07HX	TO99
94	TOA307E	300n	10 Δ	10m	70n	24	.50M	30u	±15	90m	07		1LM07NX	14-4j
95	TH2PA#1	300n	50 Δ	10m	70n	30	4.0M†	30u	±15	150m	5C		0LM2PX	CN35
96	T301AF	300n	100 †	10m	70n	24	500k	30u	±15	90m	07		1LM01FX	TO91
97	T301AJ	300n	100 †	10m	70n	24	500k	30u	±15	90m	07		1LM01NX	TO116
98	T301AV	300n	100 †	10m	70n	24	500k	30u	±15	90m	07		1LM01HX	TO99
99	TOA301AE	300n	100 †	10m	70n	24	.50M	30u	±15	90m	07		1LM01NX	14-4j
100♦	SFC2531F	.30u	.40kΔ	15m	.10u	2.0	300k	15u	12	150m	07		14LM31FX	FPØ
101♦	SFC2531G	.30u	.40kΔ	15m	.10u	2.0	300k	15u	12	150m	07		14LM31GX	CN8e
102	LM301A	300n	1.0kΔ	10m	70n	24	500k	30u	±15	90m	07			CN1c
103	LM301AF☒	300n	1.0kΔ	10m	70n	24	500k	30u	±15	90m	07		1LM07HX	FP2
104	SG301N	300n	1.0kΔ	10m	70n	24	500k	30u	±15	90m	07		1LM01NX	TO116
105	SG301T	300n	1.0kΔ	10m	70n	24	500k	30u	±15	90m	07		1LM01HX	TO99
106	WC1709T	.30u	10kΔ	2.0m	.10u	24	250k		±15	80m	07		7LM09HX	CN18b
107	PC201H	300n†	10k†	5.0m	20n†	16 ☒	200k†	10u	24		5C		2LM01ZX	FP9
108	PC201	300n♦	20k†	5.0m	20n♦	8.0 ☒	200k	10u	24		5C		2LM01ZX	FP9
109♦	MC1431F	300n♦	400k†	15m	100n♦	4.0	300k		12	150m	07		14LM31FX	TO91
110♦	MC1431G	300n♦	400k†	15m	100n♦	4.0	300k		12	150m	07		14LM31GX	CN8g

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE (- +)	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	MC1431P	300n♦	400k†	15m	100n♦	4.0	300k		12	150m	07		14LM31ZX	TO116
2♦	UC4207	300n	700k	6.0m	30n	30	500k	20u	20.0	120m	07			TO99
3	LA207H	300n	800k	6.0m	30n	30	500k	20u	±20	120m	07		1LM07HX	CN1c
4	LM207	300n	800k△	6.0m	30n	30	500k	20u	±20	120m	07		1LM07HX	CN1c
5♦	ICL301ALNPA	300n	800k†	10m	70n	27 §		30u	15.0 ±	90m	07		1LM01HX	
6♦	ICL301ALNTY	300n	800k†	10m	70n	27 §		30u	15.0 ±	90m	07		1LM01HX	TO99
7	LA301AH	300n	800k	10m	70n	24	500k	30u	±15	90m	07		1LM01HX	CN1c
8	LA301AN	300n	800k	10m	70n	24	500k	30u	±15	90m	07		1LM01NX	DL14t
9	LA307H	300n	800k	10m	70n	24	500k	30u	±15	90m	07		1LM07HX	CN1c
10	LM307	300n	800k△	10m	70n	24	500k	30u	±15	90m	07			CN1c
11	uA798RM	300n	1.0M†	6.0m	200n	28	300k	10u	±15	90m	5C		14LM58HX	DL8t
12	uA799HM	300n	1.0M†	6.0m	200n	28	300k	10u	±15	120m	5C		7LM41HX	CN1d
13	uA799RM	300n	1.0M†	6.0m	200n	28	300k	10u	±15	120m	5C		7LM41HX	DL8t
14	LM307N8	300n	1.0M†	10m	70n	24	500k	30u	±15	90m	07		1LM07HX	DL8af
15	3056A/01	.30u†	1.2M†	2.0m†	20n†	22 Ø	300k†	10u	±15	180m	28			CN1a
16	3052A/01	.30u†	1.5M†	2.0m†	20n†	22 Ø	300k†	10u	±15	180m	5C			CN1a
17	HA3-4741	300n	1.5M△	5.0m	100n	22	10M	10u	±15	450m	5C			
18	LS240AT	300n	1.8M	3.5m	40n		1M†	5.0u	±15	520m	5C		1LM01HX	TO99
19	LS240T	300n	1.8M	3.5m	40n		1M†	5.0u	±15	520m	28		1LM01HX	TO99
20	007D1	300n♦	2.0M	5.0m	20n	22	500k†	20u♦	±15	210m	28			FP15
21♦	RA909	300n	7.0M†	6.0m	300n	24	300k	25u	±15	75m	5C		9LM09FX	TO86
22	RA2909	300n	7.0M†	6.0m	300n	24	300k	25u	±15	75m	5C		9LM09HX	TO99
23	1324	300n♦	10M	10m	30n♦	20	3.0M†	30u	±15	450m	07		7LM15HX	TO99
24	TAA811	320n		2.0m	750n	24	400k†	6.0u	±15	250m	07		1LM01HX	TO99
25	TBA222GG	350n		4.0m	100n	26	2.0M	3.0u	±22		28		7LM41HX	
26	M5133P	350n♦		7.5m	35n♦	11 §	150k	6.6u	24	120m†	27		30LM33ZX	DL14d
27♦	ULN2151D	350n	6.0k△	6.5m	50n	22	400k	6.0u♦	±15	85m	07		7LM41HX	TO99
28	ULN2151G	350n	6.0k△	6.5m	50n	22	400k	07	±15	85m	59		1LM07FX	FPØ
29	ULN2158D	350n	6.0k△	6.5m	50n	24	400k		±15	85m	59		1LM01HX	TO99
30	ULN2158G	350n	6.0k△	6.5m	50n	24	400k		±15	85m	59		1LM01FX	FPØ
31	CA3033	350n♦	20k†	5.0m	35n♦	11 §	150k	6.6u	24	180m	5C		30LM33ZX	DL14a
32	CA3033H	350n♦	20k†	5.0m	35n♦	11 §	150k	6.6u	24	180m	5C		30LM33ZX	CH16g
33	CA3047	350n♦	20k†	5.0m	35n♦	11 §	150k	6.6u	24	180m	07		30LM33ZX	TO116
34♦	SN524A	350n♦	70k△	40m	60n	10 †	350k	25u	24	120m	5C		5LM24FX	TO89
35♦	SN524AL	350n♦	70k△	40m	60n	10 †	350k	25u	24	120m	5C		5LM24LXT	CN1
36	ULN2159H	350n	400k†	6.5n	75n				±15	85m	59		7LM41JX	DL14an
37♦	ULN2159D	350n	400k†	6.5m	75n				±15	85m	59		7LM41HX	TO99
38	ULN2159G	350n	400k†	6.5m	75n				±15	85m	59		1LM07FX	TO91
39	ULN2159M	350n	400k†	6.5m	75n				±15	85m	59		3LM43HX	DL8a
40	AM725HL	400nL		2.5m	40nL	27	3.0m†	10u	±15	120m	28		1LM18HX	TO99
41	RC4709C	400n♦		10m		20	150k†		±15	225m	07		7LM09N	DL14ae
42♦	RA2500-1	400n	600 △	3.0m	25n	22	25k	30u	15.0 ±	180m	5C		5LM31UX	TO86
43♦	RA2510-1	400n	600 △	3.0m	25n	22	5.0k	30u	15.0 ±	180m	5C		5LM31UX	TO86
44♦	RA2520-1	400n	1.0k△	3.0m	25n	22	50k	30u	15.0 ±	180m	5C		5LM31UX	TO86
45	3050/01	400n	1.0M	3.0m	30m	22	300k†	5.0u	±15	180m	5C			CN1c
46	3050S/01	400n	1.0M	3.0m	30m	22	300k†	3.0u	±15	180m	5C			CN1c
47	3054/01	400n	1.0M	3.0m	30m	22	300k†	5.0u	±15	180m	5C			CN1c
48	3054S/01	400n	1.0M	3.0m	30m	22	300k†	3.0u	±15	180m	5C			CN1c
49	3057A/01	.40u†	1.0M†	3.0m†	30n†	22 Ø	200k†	30u	±15	180m	28			CN1a
50	3058/01	.40u†	1.0M†	4.0m†	30n†	22 Ø	200k†	15u	±15		28			CN1a
51	MA13080	400n	1.0M	7.0m	75n	9.5 §		5.0u	12	72m	07		13M080HX	
52	uA798RC	400n	1.0M†	7.5m	200n	28	300k	10u	±15	120m	07		14LM58HX	DL8t
53	uA799HC	400n	1.0M†	7.5m	200n	28	300k	10u	±15	120m	07		7LM41HX	CN1d
54	uA799RC	400n	1.0M†	7.5m	200n	28	300k	10u	±15	120m	07		7LM41HX	DL8t
55	uA799TC	400n	1.0M†	7.5m	200n	28	300k	10u	±15	120m	07		7LM41HX	DL8af
56♦	UC4001	400n	1.0M	12m	65n	20	800k	20u	15.0 ±	225m	5C			TO101
57♦	UC4001C	400n	1.0M	12m	54n	20	800k	20u	15.0 ±	285m	07			TO101
58	3053A/01	.40u†	1.2M†	3.0m†	30n†	22 Ø	300k†	30u	±15	180m	5C			CN1a
59	HA9-2500	400n	12M†	8.0m	50n	20	25M	20u	±15	180m	5C		5LM31HX	TO86
60♦	RA2500-2	400n	12M†	8.0m	50n	22	25M	20u	15.0 ±	180m	5C		5LM31HX	TO99
61♦	RA2500-5	400n	12M†	8.0m	50n	22	25M	20u	15.0 ±	180m	5C		5LM31UX	TO86
62	HA9-2510	400n	12M†	11m	50n	20	50M	20u	±15	180m	5C		5LM31HX	TO86
63♦	RA2510-2	400n	12M†	11m	50n	22	50M	20u	15.0 ±	180m	5C		5LM31HX	TO99
64♦	RA2510-5	400n	12M†	11m	50n	22	50M	20u	15.0 ±	180m	5C		5LM31UX	TO86
65♦	RA2520-2	400n	18M†	11m	50n	22	50M	20u	15.0 ±	180m	5C		5LM31HX	TO99
66♦	RA2520-5	400n	18M†	11m	50n	22	50M	20u	15.0 ±	180m	5C		5LM31UX	TO86
67	HA9-2520	400n	20M†	11m	50n	20	50M	20u	±15	180m	5C		5LM31HX	TO86
68	3054S01	440n	1.0M	3.2m	30n♦	22	300k†	3.0u♦	±15	180m	5C			CN1c
69	3055/01	440n	1.0M	3.3m		22	150k	5.0u	±15	360m	28			CN1a
70	LC700	450n†	1.0M	1.0m†	21n†			9.0u	1.3 †				7LM00ZX	
71	3050S01	460n	1.0M	3.3m	30n♦	22	300k†	3.0u♦	±15	180m	5C			CN1c
72	3051/01	460n	1.0M	3.5m		22	150k	5.0u	±15	360m	5C			CN1a
73♦	LM741J	500n♦		5m	200n♦	12 ±	1.0M		15 ±	500m	07	compensated; nullable	7LM41JX	DL14cd
74	M5141T	500n♦		5.0m	200n♦		300k		±15	60m†	27		51LM41ZX	TO78
75	MCB1748F	500n♦		5.0m	200n♦	26 †	2.0M†		±15	85m	5C		7LM48FX	TO91
76	MCBC1748	500n♦		5.0m	200n♦	26 †	2.0M†		±15	85m	5C		7LM48FX	CH1a
77	MCC1709	500n♦		5.0m	200n♦	20 †	400k†		±15	165m	5C		7LM09HX	CH9
78	MCC1741	500n♦		5.0m	200n♦	26 †	1.0M†		±15	85m	5C		7LM41HX	CH13
79	MCC1748	500n♦		5.0m	200n♦	26 †	2.0M†		±15	85m	5C		7LM48HX	CH14
80	MCCF1709	500n♦		5.0m	200n♦	20 †	400k†		±15	165m	5C		7LM09HX	CH21
81	MCCF1741	500n♦		5.0m	200n♦	26 †	1.0M†		±15	85m	5C		7LM41HX	CH21a
82	PA7741-31	500n		5.0m	200n	24	300k		±15	85m	5C		7LM41H	TO99
83	uA741FC	500n		5.0m	200n				±22	123m	07		7LM41HX	FP2w
84♦	uA748RC	500n		5.0m	200n		.30M		±15	840m	07		7LM48HX	DL8t
85	AD741N	500n		6.0m	200nL	24	300k		±15	85m	5C		7LM41HX	DL8m
86	CA101G	500n♦		6.0m	200n♦	24	300k	6.0u	±20	120m	5C		1LM01HX	DL8ad
87	CA748G	500n♦		6.0m	200n♦	24 §	0.3M		±15	500m	5C		1LM01HX	CHØ
88♦	HA17741M	500n		6.0m	200n	12 ±	300k		15 ±	670m		compensated; nullable	7LM41HX	TO99
89	LM101J14	500n		6.0m	200n	24	300k	3.0u	±20	120m	5C		1LM01HX	DL14bf
90	MCC1741C	500n♦		6.0m	200n♦	26 †	1.0M†		±15	85m	5C		7LM41HX	CH13
91	MCC1748C	500n♦		6.0m	200n♦	26 †	2.0M†		±15	85m	07		7LM48HX	CH14
92	MCCF1741C	500n♦		6.0m	200n♦	26 †	1.0M†		±15	85m	07		7LM41HX	CH21a
93	PA7741C39	500n		6.0m	200n	24	300k		±15	85m	07		7LM41H	TO99
94♦	PD7741C39	500n		6.0m	200n	12 ±	300k		15 ±	85m	07	compensated; nullable	7LM41J	TO116
95	uA741PCØ	500n		6.0m	200n		.30M		15 ±	670m	07		1LM01NX	DL14ce
96	uA748PC	500n		6.0m	200n		.30M		15 ±	670m	07		7LM48NX	DL14ce
97	819BE	.50u♦		7.0m†	.10u♦	8.0	50k	100u♦	12	25m	5C		7LM09HX	TO99
98	819BH	.50u♦		7.0m†	.10u♦	8.0	50k	100u♦	12	25m	5C		7LM09HX	FP5
99	TL321CL	500n		9.0m	150n	3.5 §			5.0 §	5.0m	07		1LM07HX	CN1k
100	MCE7042	500n		10m	300n	20			±15	150m	07		70LM42ZX	FP24c
101♦	uA709	500n	1.0m	5.0m	50n	8.0 ±			15.0 ±	78m	5C	decompensated	7LM09H	CN1g
102♦	uA741	500n	1.0m	5.0m	10n	12.0 ±			15.0 ±	45m	5C	comp; nullable	7LM41H	CN1g
103♦	TL1741	500n♦	10 △	6.0m	500n	12 ±	300k	6.0u	15 ±	85m	5C	compensated; nullable	7LM41HX	TO99
104♦	TL2741	500n♦	10 △	6.0m	500n	12 ±	300k	6.0u	15 ±	85m	5C	compensated; nullable	7LM41HX	TO116
105♦	TL3741	500n♦	10 △	6.0m	500n	12 ±	300k	6.0u	15 ±	85m	5C	compensated; nullable	7LM41HX	DL14w
106	MCH1539G	500n♦	300 †	4.0m	75n	22	150k	3.0u	±15	150m	5C		14LM39HX	TO77
107♦	RA2501-1	500n	600 △	4.0m	50n	22	20k	40u	15.0 ±	180m	07			TO86
108♦	RA2501-2	500n	600 △	4.0m	50n	22	20k	40u	15.0 ±	180m	07			TO100
109♦	RA2511-1	500n	600 △	4.0m	50n	22	40k	40u	15.0 ±	180m	07			TO86
110♦	RA2511-2	500n	600 △	4.0m	50n	22	40k	40u	15.0 ±	180m	07			TO100

5. OPERATIONAL AMPLIFIERS – Single (cont'd)

IN ORDER OF (1) IIB MAX (2) BW UNITY GAIN MIN (3) VIO MAX (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO/ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TC EO MD PE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1♦	RA2521-1	500n	1.0kΔ	4.0m	50n	22	40k	40u	15.0 ±	180m	07			TO86
2♦	RA2521-2	500n	1.0kΔ	4.0m	50n	22	40k	40u	15.0 ±	180m	07			TO100
3	MCC1539	500n♦	50k†	3.0m	60n♦	24 †	300k†	3.0u♦	±15	150m	5C		14LM39HX	CH4
4♦	SN724F	500n♦	60kΔ	40m	70n	10 †	250k	30u	24	120m†	07		5LM24FX	TO89
5	SN724L	500n♦	60kΔ	40m	70n	10 †	250k	30u	24	120m†	07		5LM24ZX	CN1
6	SN724N	500n♦	60kΔ	40m	70n	10 †	250k	30u	24	120m†	07		5LM24ZX	DL14t
7♦	TAA191	.50u♦	100k†	10m	1.0u♦	8.0	100k	40u	15.0 ±	450m	07		1LM91ZX	TO86
8	425	500n†	100kΔ	20m†		40 †	20k†	20u	48	720m	28		4LM15ZX	•
9	435	500n†	100kΔ	20m†		40 †	20k†	20u	48	720m	28		4LM35TX	
10	MC1741SU	500n♦	150kΔ	6.0m	500n	24	300k		±15	85m	5C		7LM41HX	DL8s
11	MC1741SCU	500n♦	150kΔ	7.5m	300n	24	300k		±15	85m	07		7LM41HX	DL8s
12	423	500n	150kΔ	20m		60 †	20k	10u	72	1.8	28		4LM23TX	•
13	5002	500n♦	200k†	500u†	20n♦	26 †	100k†	5.0m♦	±15	240m	07			
14	ADO49A	500n♦	500k	5.0m	200n♦	16	150k	20u	±15	210m	5C		4LM9ZX	CN5
15	SG748J	500n♦	600k†	6.0m	200n♦	30 †	300k		±15	84m	5C		7LM48NX	TO116
16	SG748T	500n♦	600k†	6.0m	200n♦	30 †	300k		±15	84m	5C		7LM48HX	TO99
17♦	ID4741	500n♦	700k	5.0m	200n♦	12 ±	500k		15 ±	85m	5C	compensated; nullable	7LM41HX	
18♦	ID4741C	500n♦	700k	6.0m	200n♦	12 ±	300k		15 ±	85m	07	compensated; nullable	7LM41HX	
19♦	SG741ST	500n♦	800k	6.0m	500n	12.0 ±	300k	6.0u	15.0 ±	85m	5C	comp; nullable	7LM41H	TO99
20	SG1458M	500n♦	800k†	6.0m	200n♦	22	1.0M†	15u	±15	168m	07		14LM58HX	DL8h
21	SG1458T	500n♦	800k†	6.0m	200n♦	24	300k	15u	±15	168m	07		14LM58HX	TO99
22♦	SG741SCM	500n♦	800k	7.5m	300n	12.0 ±	300k	6.0u	15.0 ±	85m	07	comp; nullable	7LM41H	DL8h
23♦	SG741SCT	500n♦	800k	7.5m	300n	12.0 ±	300k	6.0u	15.0 ±	85m	07	comp; nullable	7LM41H	TO99
24	1339-02	500n♦	1.0M†	3.0m	60n♦	22	100k	5.0u	±15	210m	5C		7LM41HX	TO99
25♦	DPA500	500n	1.0M†	5.0m	200n	24	300k		15.0 ±	85m†	5C			CN2c
26	L141D2	500n	1.0MΔ	5.0m	200n	24			±22	85m	5C		7LM41JX	14-20a
27	LA709AF	500n	1.0M	5.0m	200n	20	150k	5.0u	±18	90m	5C		7LM09F	TO91
28	LA709AH	500n	1.0M	5.0m	200n	20	150k	5.0u	±18	90m	5C		7LM09H	CN1a
29	LM101	500n	1.0M	5.0m	40n			3u	±20	72m	5C	Overload Protection		CN1g
30	LM709AF	.50u	1.0M	5.0m	.20u	20		5.0u	±18	165m	5C	low drift/Gen Purp		
31	PC212	500n†	1.0M†	5.0m	100n♦	20 †	60k	15u	24	90m†	5C		2LM10FX	FP7d
32	PC212H	500n♦	1.0M†	5.0m	100n♦	20 †	60k	15u	±18	90m	5C		2LM10FX	FP7
33	VA5B74131	500n	1.0MΔ	5.0m	200n	24	300k		±15	85m	5C		7LM41HX	TO99
34♦	CA741G	500n♦	1.0M†	6.0m	200n♦	12 ±	300k		15 ±	85m	5C	compensated; nullable	7LM41HX	DL8ad
35	L141D1	500n	1.0MΔ	6.0m	200n	24			±18	85m	07		7LM41JX	14-20a
36	VA5B74139	500n	1.0MΔ	6.0m	200n	24	300k		±15	85m	07		7LM41HX	TO99
37	VA5B74831	500nL	1.0MΔ	6.0m	200nL	24	300k		±15	85m	5C		7LM48HX	TO99
38	VA5B74839	500nL	1.0MΔ	6.0m	200nL	24	300k		±15	85m	07		7LM48HX	TO99
39	709CH	500n♦	1.0M	10m	1.5u♦	16	50k		±15	200m	07		7LM09F	FPØ
40	709CN	500n♦	1.0M	10m	1.5u♦	16	50k		±15	200m	07		7LM09N	TO116
41	MCC1558	500n♦	1.1M†	5.0m	200n♦	26 †	1.0M†		±15	150m	5C		7LM41HX	CH5
42	007E1	500n♦	2.0M	10m	20n	22	500k†	50u♦	±15	210m	28			FP15
43	425Q	500n†	2.0M†	20m†		60 †	20k†	20u	72	1.0	28		4LM15ZX	•
44	425T	500n†	2.0M†	20m†		40 †	20k†	20u	48	720m	28		4LM15ZX	•
45	L174	.50u	4.0MΔ		10n	30	50k†		33	315m	5C			TO86
46	174AA	500n♦	4.0M	60m	100n♦	30 Ø	100k	30u♦	±15	345m	5C		1LM74ZX	TO73
47♦	174AL	500n♦	4.0M	60m	100n♦	30 Ø	100k	30u♦	±15	345m	5C		1LM74FX	TO86
48	L174AA	500n♦	4.0MΔ	60m	100n♦	20	100k	30u	±15	500m	5C			TO73
49	L174AL	500n♦	4.0MΔ	60m	100n♦	20	100k	30u	±15	750m	5C			TO86
50	L174H	500n♦	4.0M	60m	100n♦	30 Ø	100k	30u♦	±15	345m	8		1LM74ZX	TO73
51♦	RA240	500n♦	6.0M†	6.0m	500n	18 §	100k	L	20.0 ±	108m	5C		2LM38ZX	TO84
52♦	RA238	500n♦	7.0M†	6.0m	500n	18	50k	L	20.0 ±	108m	5C		2LM38ZX	TO84
53♦	RA911	500n	7.0M†	7.5m	450n	24	300k	30u	±15	75m	07		9LM09FX	TO86
54	RA2911	500n	7.0M†	7.5m	450n	24	300k	30u	±15	75m	07		9LM09HX	TO99
55	3505J	500n	12M†	10m	100n	20	20M	20u	±15	180m	06		35LM05HX	TO99
56	HA9-2502	500n	12M†	10m	100n	20	20M	20u	±15	180m	5C		5LM31HX	TO86
57	HA9-2505	500n	12M†	10m	100n	20	20M	20u	±15	180m	07		5LM31HX	TO86
58♦	RA2505-2	500n	12M†	10m	100n	22	20M	30u	15.0 ±	180m	07		5LM31HX	TO99
59♦	RA2505-5	500n	12M†	10m	100n	22	20M	30u	15.0 ±	180m	07		5LM31UX	TO86
60	HA3-2507	500n	12M†	14m	100n	20	20M	25u	±15	180m	07		5LM31HX	DL8ap
61	HA3-2517	500n	12M†	14m	100n	20	40M	30u	±15	180m	07		5LM31HX	DL8ap
62	HA3-2527	500n	12M†	14m	100n	20	40M	30u	±15	180m	07		5LM31HX	DL8ap
63	HA9-2512	500n	12M†	14m	100n	20	40M	25u	±15	180m	5C		5LM31HX	TO86
64	HA9-2515	500n	12M†	14m	100n	20	40M	30u	±15	180m	07		5LM31HX	TO86
65	HA9-2525	500n	12M†	14m	100n	20	40M	30u	±15	180m	07		5LM31HX	TO86
66♦	RA2515-2	500n	12M†	14m	100n	22	40M	30u	15.0 ±	180m	07		5LM31HX	TO99
67♦	RA2515-5	500n	12M†	14m	100n	22	40M	30u	15.0 ±	180m	07		5LM31UX	TO86
68	LM118D883	500n	15M†	6.0m	100n	23	1.0M	20u	±15	240m	5C		1LM18HX	DL14aj
69	LM118J-8	500n	15M†	6.0m	100n	23	1.0M		±15	240m	5C		1LM18HX	DL8aq
70	LM118P	500n	15M†	6.0m	100n	23	1.0M		±15	240m	5C		1LM18HX	DL14y
71	LM118U	500n	15M†	6.0m	100n	23	1.0M		±15	240m	5C		1LM18FX	MO004AE
72	LM218DE	500n	15M†	6.0m	100n	23	1.0M		±15	240m	28		1LM18HX	DL8aa
73	LM218J-8	500n	15M†	6.0m	100n	23	1.0M		±15	240m	28		1LM18HX	DL8aq
74	LT118J8	500n	15M	6.0m	100n				±20		5C		1LM18HX	DL8ck
75	SG118J	500n	15MΔ	6.0m	100n	23	1.0M		±15	240m	5C		1LM18HX	TO116
76	SG118T	500n	15MΔ	6.0m	100n	23	1.0M		±15	240m	5C		1LM18HX	TO99
77	SG218J	500n	15MΔ	6.0m	100n	23	1.0M		±15	240m	28		1LM18HX	TO116
78	SG218T	500n	15MΔ	6.0m	100n	23	1.0M		±15	240m	28		1LM18HX	TO99
79	T118F	500n	15MΔ	6.0m	100n	23	1.0M		±18	288m	5C		1LM01FX	TO91
80	T118J	500n	15MΔ	6.0m	100n	23	1.0M		±18	288m	5C		1LM01NX	TO116
81	T118V	500n	15MΔ	6.0m	100n	23	1.0M		±18	288m	5C		1LM01HX	TO99
82	T218F	500n	15MΔ	6.0m	100n	23	1.0M		±18	288m	28		1LM01FX	TO91
83	T218J	500n	15MΔ	6.0m	100n	23	1.0M		±18	288m	28		1LM01NX	TO116
84	T218V	500n	15MΔ	6.0m	100n	23	1.0M		±18	288m	28		1LM01HX	TO99
85	TOA118E	500n	15MΔ	6.0m	100n	23	1.0M		±18	288m	5C		1LM01NX	14-4j
86	TOA218E	500n	15MΔ	6.0m	100n	23	1.0M		±18	288m	28		1LM01NX	14-4j
87	ADX318	500n	15MΔ	10m	200n	22	500k		±15	300m	07		1LM18HX	CN1c
88♦	RA2525-2	500n	18M†	14m	100n	22	40M	30u	15.0 ±	180m	07		5LM31HX	TO99
89♦	RA2525-5	500n	18M†	14m	100n	22	40M	30u	15.0 ±	180m	07		5LM31UX	TO86
90	HA9-2522	500n	20M†	14m	100n	20	40M	25u	±15	180m	5C		5LM31HX	TO86
91	9314	500n♦	60M	5.0m	100n♦	16	100k	10u♦	±15	180m	5C		1LM18HX	CN20
92	9308	500n♦	120M	7.5m	200n♦	16	100k	10u♦	±15	180m	57		93LM08ZX	CN20
93	3056/01	550n	900k	4.6m		22	300k†	10u	±15	360m	28			CN1a
94	3052/01	580n	1.0M	5.0m		22	150k	10u	±15	360m	5C			CN1a
95	709AN	600n		2.0m	250n	16	350k	10u	±15	108m	5C		7LM09NX	
96	RC709DN	600n		2.0m	250n	16	700k†	16u	±15	90m	07		7LM09NX	DL14ae
97	RC709DP	600n		2.0m	250n	16	700k†	16u	±15	90m	07		7LM09NX	DL14ae
98♦	709AE	600n		3.0m	250n	16	350k	10u	±15	108m	5C	decompensated	7LM09H	TO99
99♦	709AH	600n		3.0m	250n	16	350k	10u	±15	108m	5C	decompensated	7LM09F	TO91
100♦	709AL	600n		3.0m	250n	16	350k	10u	±15	108m	5C	decompensated	7LM09NX	TO116
101♦	709BE	600n		3.0m	250n	16	350k	10u	±15	108m	5C	decompensated	7LM09H	TO99
102♦	709BH	600n		3.0m	250n	16	350k	10u	±15	108m	5C	decompensated	7LM09F	TO91
103♦	709BL	600n		3.0m	250n	16	350k	10u	±15	108m	5C	decompensated	7LM09NX	TO116
104♦	709CE	600n		3.0m	250n	16	350k	10u	±15	108m	07	decompensated	7LM09H	TO99
105♦	709CJ	600n		3.0m	250n	16	350k	10u	±15	108m	07	decompensated	7LM09F	DL8b
106♦	LM709AJ	600n		3.0m	250n	16	350k	25uL	±15	108m	5C	decompensated	7LM09NX	DL14bf
107♦	MA709AML	600n		3.0m	250n	16	350k	10u	±15	108m	5C	decompensated	7LM09HX	TO99
108	MC1709AF	600nL		3.0m	50nL	16	85k	10u	±15	108m	5C		7LM09FX	TO91
109	MC1709AG	600nL		3.0m	50nL	16	85k	10u	±15	108m	5C		7LM09HX	CN1p
110	MC1709AL	600nL		3.0m	50nL	16	85k	10u	±15	108m	5C		7LM09NX	TO116

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP - CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	RM4709AD	600n		3.0m	250n	16	700k†	2.0u	±15	216m	5C		7LM09N	DL14ae
2	RM4709AJ	600n		3.0m	250n	16	700k†	2.0	±15	216m	5C		7LM09N	FP6a
3	RM4709AT	600n		3.0m	250n	16	700k†	2.0	±15	216m	5C		7LM09H	TO99
4	RM4709J	600n		3.0m	250n	16	700k†	2.0u	±15	216m	5C		7LM09N	FP6a
5	RM4709T	600n		3.0m	250n	16	700k†	2.0u	±15	216m	5C		7LM09H	TO99
6	SN52709AFA	600nL		3.0m	250nL	16	350k	10u	±15	108m	5C		7LM09FX	FP2t
7	SN52709AJA	600nL		3.0m	250nL	16	350k	10u	±15	108m	5C		7LM09NX	14-25
8	SN52709AN	600n		3.0m	250n	16	350k	10u	±15	108m	5C		7LM09N	DL14x
9	uA709ADM	600n		3.0m	250n	16	350k	25u	±15	108m	5C		7LM09NX	DL14br
10	MB3603K	600n		10m	220n	24	300k		±15	85m	07		36LM03ZX	TO78
11◆	SFC2318C	600n		10m	200n	11.5 ±	500k		15.0 ±	300m	07	comp; nullable	LM18HX	TO99
12	709-11-3A	.60u	10k†	3.0m	.25u	16	350k	25u	±15	108m	5C		7LM09F	FP2d
13	709-11-36	600n	10k†	3.0m	250n	16	350k	25u	±15	108m	5C		7LM09HX	TO91
14	T4709F	600n	10kΔ	3.0m	250n	16	350k	25u	±15	108m	5C		7LM09FX	TO91
15	T4709J	600n	10kΔ	3.0m	250n	16	350k	25u	±15	108m	5C		7LM09NX	TO116
16	T4709V	600n	10kΔ	3.0m	250n	16	350k	25u	±15	108m	5C		7LM09HX	TO99
17	TOA4709	.60u	10kΔ	3.0m	.25u	16	350k	25u	±15	108m	5C		7LM09HX	TO79
18	PC200	600n◆	20k†	5.0m	40n◆	8.0 ⌀	100k†	10u	24	30m	5C		2LM00ZX	FP7
19	PC200H	600n†	20k†	5.0m	40n†	16 ⌀	100k†	10u	24	34m†	5C		2LM00ZX	FP7c
20	RM709ADC	600n	1.0M†	2.0m	250n	16	700k†	16u	±15	90m	5C		7LM09NX	DL14av
21	RM709AQ	600n	1.0M†	2.0m	250n	16	700k†	16u	±15	90m	5C		7LM09HX	FP2z
22	RM709AT	600n	1.0M†	2.0m	250n	16	700k†	16u	±15	90m	5C		7LM09HX	TO99
23	1339-01	600n◆	1.0M†	7.5m	60n◆	22	100k	5.0u	±15	210m	07		7LM41HX	TO99
24◆	UC4002	600n	1.0M	14m	120n	20	800k	40u	15.0 ±	225m	5C			TO101
25◆	UC4002C	600n	1.0M	14m	100n	20	800k	40u	15.0 ±	285m	07			TO101
26	PC210	600n†	1.2M†	5.0m	130n◆	30 †	50k	15u	±18	200m†	5C		2LM10FX	FP7d
27	PC210H	600n◆	1.2M†	5.0m	130n◆	30 †	50k	15u	±18	200m	5C		2LM10FX	FP7
28	3057/01	660n	700k	7.8m		22	200k†	30u	±15	360m	28			CN1a
29	TAA762S	700n		4.0m	50n	28	200k		±15		5C		7LM61HX	TO78
30	3053/01	700n	900k	9.0m		22	150k	30u	±15	360m	5C			CN1a
31	LS240CB	700n	1.5M	5.0m	100n		0.5M†	5.0u	±15	665m	07		1LM01HX	DL8bj
32	LS240CM	700n	1.5M	5.0m	100n		0.5M†	5.0u	±15	400m	07		1LM01HX	MD8a
33	LS240CT	700n	1.5M	5.0m	100n		0.5M†	5.0u	±15	520m	07		1LM01HX	TO99
34	SFC2709PT	750n◆		7.5m	300n◆	16	70k	20u	±15	198m	28		7LM09FX	TO91
35	HA2-909	750n	7.0M†	6.0m	300n	24	200k		±15	75m	5C		9LM09HX	TO99
36	HA9-909	750n	7.0M†	6.0m	300n	24	200k		±15	75m	5C		9LM09FX	TO86
37	HA2-911	750n	7.0M†	7.5m	450n	24	100k		±15	75m	07		9LM09HX	TO99
38	HA9-911	750n	7.0M†	7.5m	450n	24	100k		±15	75m	07		9LM09FX	TO86
39	LT318H	750n	15M	15m	750n				±20		07		1LM18HX	CN38g
40◆	Q82AH	.75u	70M	2.0m	1.0u	14	2.0M†	18u◆	16.0 ±	256m	5C			CN2
41	MA326	750n◆	400M	5.0m	200n◆	26	100k	10u	±15	210m	57			DL8ah
42	TBA221A	800n		5.0m	300n	30	300k	10u	±15	85m	07		7LM41J	DL14ab
43	748CE	800n		7.5m	300n	24	300k		±15	85m	07		1LM01HX	TO99
44	748CJ	800n		7.5m	300n	24	300k		±15	85m	07		1LM01HX	DL8b
45	748CL	800n		7.5m	300n	24	300k		±15	85m	07		1LM01HX	TO116
46	748CP	800n		7.5m	300n	24	300k		±15	85m	07		1LM01HX	DL8af
47◆	AM741DC	800n		7.5m	300n	12 ±	300k		15 ±	85m	07	compensated; nullable	7LM41JX	DL14m
48◆	AM741HC	800n		7.5m	300n	12 ±	300k		15 ±	85m	07	compensated; nullable	7LM41JX	TO99
49	AM748DC	800nL		7.5m	300nL	24	300k		±15	85m	07		1LM01NX	DL14m
50	AM748HC	800n		7.5m	300n	24	300k		±15	85m	07		7LM48HX	TO99
51◆	CA741CF	800n		7.5m	300n	12 ±	300k		15 ±	85m	07	compensated; nullable	7LM41HX	DL8u
52	CA741CH	800n		7.5m	300n	24	300k		±15	85m	5C		7LM41HX	CH16y
53◆	CA741CHG	800n		7.5m	300n	12 ±	300k		15 ±	84m	07	compensated; nullable	7LM41HX	CH⌀
54	CA748CG	800n		7.5m	300n	24	300k		±15	85m	07		1LM01HX	DL8ad
55	CA3056-741C	800n		7.5m	300n	24	300k		±15	85m	07		7LM41HX	MO002AL
56	HEPC6052P-RT	800nL		7.5m	300n	24	1.0M†	6.0u	±15	85m	5C		7LM41HX	DL8d
57	ICB8741C	800n		7.5m	300n	24	300k		±15	85m	07		7LM41HX	TO99
58◆	ICL741CHSTY	800n		7.5m	300n	24	300k		±15	84m	07		7LM41HX	TO99
59◆	LM741CD	800n		7.5m	300n	12 ±	300k		15 ±	84m	07	compensated; nullable	7LM41JX	DL14cc
60	MA741CL	800n		7.5m	300n	24	300k		±15	85m	07		7LM41JX	TO99
61	MC1741CF	800n		7.5m	300n	24	2.0M†		±15	85m	07		7LM41F	TO91
62◆	MC1741CL	800n		7.5m	300n	12 ±	2.0M†		15 ±	500m	07	compensated; nullable	7LM41J	TO116
63◆	MC1741CP2	800n		7.5m	300n	12 ±	2.0M†		15 ±	500m	07	compensated; nullable	7LM41J	DL14az
64	MC1741CP	800nL		7.5m	300n	24	300k		±15	85m	07		7LM41H	14-3a
65	MC1741NCF	800n		7.5m	300n	24	2.0M†		±15	85m	07		7LM41HX	TO91
66	MC1741NCG	800n		7.5m	300n	12 ±	2.0M†		15 ±	500m	07	comp; nullable	7LM41H	TO99
67◆	MC1741NCL	800n		7.5m	300n	12 ±	2.0M†		15 ±	500m	07	compensated; nullable	7LM41J	TO116
68	MC1741NCP1	800n		7.5m	300n	12 ±	2.0M†		15 ±	500m	07	comp; nullable	7LM41H	DL8ac
69◆	MC1741NCP2	800n		7.5m	300n	12 ±	2.0M†		15 ±	500m	07	compensated; nullable	7LM41J	DL14az
70	MC1741NCU	800n		7.5m	300n	12 ±	2.0M†		15 ±	500m	07	comp; nullable	7LM41H	DL8s
71	MIC741-5C	800n		7.5m	300n	24	300k		±15	85m	07	Short protected/GP		CN1
72	MIC741-5D	800n		7.5m	300n	24	300k		±15	85m	07	Short protected/GP		14-2p
73	MT741C	800n		7.5m	300n	30	300k		±15	85m	07		7LM41HX	CN1c
74	PM741CY	800n		7.5m	300n	24	300k		±15	84m	08		7LM41HX	DL14q
75	PM741CZ	0.8u		7.5m	300n		0.3m	7.1m	±15	500m	08		7LM41HX	
76	PTC1741	800n		7.5m	300n	24	2.0M		±15	85m	07		7LM41HX	DL8d
77	RC741Q	800n		7.5m	300n	24	1.0m†		±15	85m	07		7LM41F	FP2z
78	RC748D	800n		7.5m	300n	24	300k		±15	85m	07		7LM48HX	DL14ae
79	RC748DE	800n		7.5m	300n	24	300k		±15	85m	07		7LM48HX	DL8aa
80	RC748DP	800n		7.5m	300n	24	300k		±15	85m	07		7LM48HX	DL14ae
81	RC748NB	800n		7.5m	300n	24	300k		±15	85m	07		7LM48HX	DL8ab
82	RC748Q	800n		7.5m	300n	24	300k		±15	85m	07		7LM48HX	FP2k
83	RC748T	800n		7.5m	300n	24	300k		±15	85m	07		7LM48HX	TO99
84	RC4741D	800n		7.5m	300n	24	1.0M†		±15	170m	07		7LM41HX	DL14ae
85◆	RC4741J	800n		7.5m	300n	12 ±	1.0M†		15 ±	170m	07	compensated; nullable	7LM41J	FP6a
86	RM748D	800n		7.5m	300n	24	300k		±15	85m	5C		7LM48HX	DL14ae
87	RM748DE	800n		7.5m	300n	24	300k		±15	85m	5C		7LM48HX	DL8aa
88	RM748Q	800n		7.5m	300n	24	300k		±15	85m	5C		7LM48HX	FP2k
89	RM748T	800n		7.5m	300n	24	300k		±15	85m	5C		7LM48HX	TO99
90	SFC2741PC	800n		7.5m	300n	24	300k		±15	85m	07		7LM41FX	TO91
91	SFC2748PC	800n		7.5m	300n	24	300k		±15	84m	07		7LM48HX	TO91
92	SL748C	800n		7.5m	300n	24	300k		±15	85m	07		7LM77HX	CN11e
93	SN72741DN	800n		7.5m	300n	24	300k		31	170m	07		7LM41JX	TO116
94	SN72741FA	800n		7.5m	300n	24	300k		±15	100m	07		7LM41JX	FP22
95◆	SN72748FA	800n		7.5m	300m	12.0 ±	300k		15.0 ±	85m	07	comp; nullable	7LM48FX	FP22
96	T2741WF	800n		7.5m	300n	24	300		±15	85m	07		7LM41HX	TO86
97	T2741WJ	800n		7.5m	300n	24	300		±15	85m	07		7LM41HX	TO116
98	T2741WV	800n		7.5m	300n	24	300		±15	85m	07		7LM41HX	TO99
99	TBA221G	800n		7.5m	200n	26	2.0M		±18		07		7LM41HX	
100	TBA221GΔ	800n		7.5m	200n	26	2.0M		±18		07		7LM41HX	MD6c
101	TBA221N	800n		7.5m	300n	24	300k		±15	85m	07		7LM41HX	TO99
102	TBB741GΔ	800n		7.5m	200n	26	2.0M		±18		07		7LM41HX	MD6c
103	TBB0748	800n		7.5m	300n	24	300k		±15	85m	07		5LM31HX	CN1w
104	TBB0748B	800n		7.5m	300n	24	300k		±15	85m	07		5LM31HX	DL8i
105	uA748B-3F	800n		7.5m	300n	24	300k		±15	85m	07		7LM48FX	TO91
106	uA748FM	800n		7.5m	300n	24	300k		±15	85m	07		7LM48FX	FP2w
107	uA791KC	800n		7.5m	300n	24	300k		±15	750m	07		7LM91NX	CN24b
108◆	U5B7741393	.80u		7.5m	300n	24	300k		±15	84m	07		7LM41HX	TO99
109	U9T7741393	.80u		7.5m	300n	24	300k		±15	84m	07		7LM41JX	
110	ULN2741D	800n		7.5m	300n	24	300k		±15	85m	07		7LM41HX	CN11b

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (±V)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1	741-9-36	800n	10 †	7.5m	300n	24	300k		±15	85m	07		7LM41HX	TO91
2	TL1741C	800n	10 Δ	7.5m	300n	24	300k	6.0u	±15	85m	07		7LM41HX	TO99
3♦	TL2741C	800n	10 Δ	7.5m	300n	12 ±	300k	6.0u	15 ±	85m	07	compensated; nullable	7LM41HX	TO116
4♦	TL3741C	800n	10 Δ	7.5m	300n	12 ±	300k	6.0u	15 ±	85m	07	compensated; nullable	7LM41HX	DL14w
5♦	TOA2741E	800n	10 Δ	7.5m	300n	12.0 ±	300k		15.0 ±	85m	07	comp; nullable	7LM41H	TO116
6♦	T1741F	800n	10kΔ	6.0m	500n	12.0 ±	300k		15.0 ±	85m	5C	comp; nullable	7LM41H	TO91
7	HEPC6052G-RT	800n	10kΔ	7.5m	300n	24	300k	6.0u	±15	85m	07		7LM41HX	TO99
8♦	T2741F	800n	10kΔ	7.5m	300n	12.0 ±	300k		15.0 ±	85m	07	comp; nullable	7LM41H	TO91
9♦	T2741J	800n	10kΔ	7.5m	300n	12.0 ±	300k	6.0u	15.0 ±	85m	07	comp; nullable	7LM41H	TO116
10♦	T2741V	800n	10kΔ	7.5m	300n	12.0 ±	300k		15.0 ±	85m	07	comp; nullable	7LM41H	TO99
11♦	TOA2741	800n	10kΔ	7.5m	.30u	12.0 ±	300k		15.0 ±	85m	07	comp; nullable	7LM41H	TO79
12♦	TOA2747E	800n	10kΔ	7.5m	300n	24	300		15.0 ±		07		7LM47JX	TO116
13	TBB1458	800n	14k†	7.5m	300n	24	300k	15u	±15	170m	07		14LM58HX	CN1w
14	ULS2139D	800n	20kΔ	4.5m	80n	22	150k		±15	150m	5C		21LM39HX	TO99
15	ULS2139G	800n	20kΔ	4.5m	80n	22	150k		±15	150m	5C		21LM39HX	FPØ
16♦	T2748F	800n	100kΔ	7.5m	300n	12.0 ±	300k		15.0 ±	85m	07	comp; nullable	7LM48NX	TO91
17♦	T2748J	800n	100kΔ	7.5m	300n	12.0 ±	300k		15.0 ±	85m	07	decomp; nullable	7LM48HX	TO116
18♦	T2748V	800n	100kΔ	7.5m	300n	12.0 ±	300k		15.0 ±	85m	07	decomp; nullable	7LM48HX	TO99
19♦	TOA2741W	800n	100kΔ	7.5m	300n	12.0 ±	300k		15.0 ±	85m	07	comp; nullable	7LM41H	TO99
20♦	TOA2741WF	800n	100kΔ	7.5m	300n	12.0 ±	300k		15.0 ±	85m	07	comp; nullable	7LM41H	TO91
21♦	TOA2741WP	800n	100kΔ	7.5m	300n	12.0 ±	300k		15.0 ±	85m	07	comp; nullable	7LM41H	TO116
22♦	TOA2748E	800n	100kΔ	7.5m	300n	12.0 ±	300k		15.0 ±	85m	07	decomp; nullable	7LM48HX	TO116
23♦	TAA182	.80u♦	250kΔ	20m	.25u♦	9.8	100k	10u♦	20.0 ±	420m	5C		1LM82ZX	TO91
24	SG748CJ	800n	600k†	7.5m	300n	30 †	300k		±15	84m	07		7LM48NX	TO116
25	SG748CM	800n	600k†	7.5m	300n	30 †	300k		±15	84m	07		7LM48HX	DL8h
26	SG748CN	800n	600k†	7.5m	300n	30 †	300k		±15	84m	07		7LM48HX	DL14u
27	SG748CT	800n	600k†	7.5m	300n	30 †	300k		±15	84m	07		7LM48HX	TO99
28	UC4741C	800n	700k†	7.5m	300n	24	300k	5.0u	±15	85m	07		7LM41H	TO99
29	UC4741CD	800n	700k	7.5m	300n	24	300k		±15	85m	07		7LM41JX	DL14ae
30	UC4741CE	800n	700k†	7.5m	300n	24	300k		±15	85m	07		7LM41HX	DL8m
31♦	UC4748C	800n	700k	7.5m	300n	12.0 ±	300k		15.0 ±	85m	07	decomp; nullable	7LM48HX	TO99
32	LA748CH	800n	800k	7.5m	300n	24	300k	3.0u	±15	85m	07		1LM01HX	CN1a
33	SG748CF	800n	800k	7.5m	300n	24		6.0u	±15	84m	07		7LM48FX	FP2v
34	SG748CY	800n	800k	7.5m	300n	24		6.0u	±15	84m	07		7LM48HX	DL8s
35	SG3217F	800n	800k†	7.5m	500n	24		6.0u	±15	84m	07		1LM07FX	FP2v
36	SG3217N	800n	800k†	7.5m	500n	24		6.0u	±15	84m	07		7LM41JX	DL14u
37	SG3217Y	800n	800k†	7.5m	500n	24		6.0u	±15	84m	07		7LM41JX	DL8s
38	741-9-5B	800n	1.0MΔ	7.5m	300n	24	300k		±15	85m	07		7LM41HX	TO99
39	741-9-6E	800n	1.0MΔ	7.5m	300n	24	300k		±15	85m	07		7LM41HX	DL14t
40	741-93-6E	800n	1.0MΔ	7.5m	300n	24	300k		±15	85m	07		7LM71J	DL14t
41	741CE	800n	1.0M	7.5m	300n	24	300k		±15	85m	0A		7LM41H	TO99
42	741CH	800n	1.0M	7.5m	300n	24	300k		±15	85m	0A		7LM41F	FPØ
43♦	741CJ	800n	1.0M	7.5m	300n	12 ±	300k		15 ±	85m	0A	compensated; nullable	7LM41J	DL8b
44	741CL	800n	1.0M	7.5m	300n	24	300k		±15	85m	07		7LM41HX	TO116
45♦	741CN	800n	1.0M	7.5m	300n	12 ±	300k		15 ±	85m	0A	compensated; nullable	7LM41J	TO116
46	741CP	800n	1.0M	7.5m	300n	24	300k		±15	85m	07		7LM41HX	DL8af
47	841CE	800n	1.0M	7.5m	300n	24	300k		±15	88m	0A		7LM41H	TO99
48♦	CA741CG	800n	1.0M†	7.5m	300n	12 ±	300k		15 ±	85m	07	compensated; nullable	7LM41HX	DL8ad
49	GEL741D1	800n	1.0M	7.5m	300n	24	300k		±15	85m	07		7LM41HX	TO99
50	GEL741F1	800n	1.0M	7.5m	300n	24	300k		±15	85m	07		7LM41JX	TO116
51	GEL1741AD	800n	1.0M	7.5m	300n	24	300k		±15	85m	07		7LM41JX	
52♦	ICL741CLNPA	800n	1.0M†	7.5m	300n	12 ±		10u	15 ±	84m	07	compensated; nullable	7LM41HX	
53♦	ICL741CLNTY	800n	1.0M†	7.5m	300n	12 ±		10u	15 ±	84m	07	compensated; nullable	7LM41HX	TO99
54	L141B1	800n	1.0MΔ	7.5m	300n	24	300k		±15	85m	07		7LM41JX	DL14t
55	L141T1	800n	1.0MΔ	7.5m	300n	24	300k		±18	85m	07		7LM41HX	TO99
56	LA741CH	800n	1.0M	7.5m	300n	24	300k	3.0u	±15	85m	07		7LM41H	TO99
57♦	NE530A	800n	1.0MΔ	7.5m	300n	24	300k		15.0 ±	86m	07		7LM41JX	TO116
58♦	NE530G	800n	1.0MΔ	7.5m	300n	24	300k		15.0 ±	85m	07		7LM41FX	TO91
59♦	PA7741-39	800n	1.0MΔ	7.5m	300n	12.0 ±	300k		15.0 ±	85m	07	comp; nullable	7LM41H	TO99
60♦	PL7741-39	800n	1.0MΔ	7.5m	300n	12.0 ±	300k		15.0 ±	85m	07	comp; nullable	7LM41H	FP2m
61	TRI741I	800n	1.0MΔ	7.5m	300n	24	300		±15	85m	07		7LM41HX	TO86
62	uA741B-3F	800n	1.0MΔ	7.5m	300n	24	300k		±15	85m	07		7LM41FX	TO91
63	MCH2870CR	800n	1.1M†	7.5m	300n	24	300k		±15	500m	07		28LM70ZX	CN30
64	VA6T145831	800n	1.1M†	7.5m	300n	24	300k		±15	170m	07		14LM58HX	DL8a
65	VA6T145839	800n	1.1M†	7.5m	300n	24	300k		±15	170m	07		14LM58HX	DL8a
66	VA6T74731	800n	1.1M†	7.5m	300n	24	300k		±15	170m	07		14LM58HX	DL8a
67	VA6T74739	800n	1.1M†	7.5m	300n	24	300k		±15	170m	07		14LM58HX	DL8a
68	OP09GY	800n	1.5MΔ	6.0m	300n		0.2M	4.0u	±15	800m	07		7LM41HX	DL14q
69	RV4558DE	800n	2.0M	7.5m	300n	24	300k		±15	170m	48		14LM58HX	DL8aa
70♦	SG3217J	800n	2.5M†	7.5m	300n	24	300k		15.0 ±	85m	07			TO116
71♦	SG3217M	800n	2.5M†	7.5m	300n	24	300k		15.0 ±	85m	07			DL8h
72	SG3217T	800n	2.5M†	7.5m	300n	24	300k		±15	85m	07		7LM41HX	TO99
73	TAA761AS	1.0u		6.0m	80n	28	200k		±15		07		7LM61HX	DL6b
74	TAA765AS	1.0u		6.0m	80n	28	200k		±15		28		7LM61HX	DL6b
75	SG318M	1.0u	15mΔ	15m	300n	23	500k		±15	300m	07		1LM18HX	DL8h
76	MCH1439G	1.0u♦	300 †	7.5m	150m	22	100k	3.0u	±15	200m	07		14LM39HX	TO77
77	D4083	1.0u	1.0k	2.0m	.20u♦	20	50M	250u	±22	1.1	05	FET input		
78	9302	1.0u♦	3.5kΔ	20m	300n♦	20	100k	50u♦	±15	210m	07		1LM18HX	CN20b
79	MCC1439	1.0u♦	50k†	7.5m	100n♦	24 †	300k†	3.0u♦	±15	200m	5C		14LM39HX	CH4
80	SL701B	1.0u♦	250kΔ	5.0m	300n♦		100k†	15u♦	24	300m	2A		7LM01ZX	CN11e
81	SL702B	1.0u♦	250kΔ	5.0m	300n♦		100k†	15u♦	24	300m	2A		7LM01ZX	CN11e
82	SL751B	1.0u	250kΔ	5.0m	.30u	11 §	100k	15u	24	300m	5H		7SL51ZX	FP6c
83♦	SL751B/E	1.0u♦	250kΔ	5.0m	300n♦		100k†	15u♦	24	300m	5H		7SL51ZX	14-2k
84♦	SL751B/F	1.0u♦	250kΔ	5.0m	300n♦		100k†	15u♦	24	300m	5H		7SL51FX	FP6c
85♦	SL751BE	1.0u♦	250kΔ	5.0m	300n♦		100k†	15u♦	24	300m	2A		7SL51ZX	DL14be
86♦	SL751BF	1.0u♦	250kΔ	5.0m	300n♦		100k†	15u♦	24	300m	2A		7SL51FX	FP39
87	SG1458CT	1.0u	800k†	12m	400n	22		6.0u	±15	240m	07		3LM56HX	TO99
88	RM709BL	1.0u	1.0M†	4.0m	300n	16	220k		±15	120m	5C		7LM09HX	CH46
89	RM709Q	1.0u	1.0M†	4.0m	300n	16	400k†	15u	±15	120m	5C		7LM09HX	FP2z
90	1339	1.0u♦	1.0M†	7.5m	100n♦	22	100k	12u	±15	210m	07		7LM41HX	TO99
91	805CE	1.0u♦	1.0M†	10m	100n♦	16	100k	30u	24	160m	0A		8LM05ZX	TO100
92	806CE	1.0u♦	1.0M†	10m	100n♦	16	100k	30u	24	160m	0A		8LM05ZX	TO100
93	1406	1.0u♦	1.0M	2.0M	75n♦	20	300k	30u	±15	210	28			CN2
94	MC1458CNG	1.0u	1.1M†	12m	400n	22	2.0M†		±15	240m	07		14LM58HX	TO99
95	MA401	1.0u	4.0MΔ	10m	300n	20		10u	±15	300m	57		4LM01JX	
96♦	SH3000	1.0u	8.0M†	7.5m	.20u	3.5	1.0M	7.5u	18.0	120m	5C		30LM00ZX	TO100
97	800BE	1.0u	10M†	50m	100n	4.0	250k	50u	24	120m	5C		8LM00ZX	TO100
98♦	801BE	1.0u	10M†	50m	100n	4.0	250k	50u	24	120m	5C		8LM01ZX	TO101
99	SG318J	1.0u	15MΔ	15m	300n	23	500k		±15	300m	07		1LM18HX	TO116
100	SG318T	1.0u	15MΔ	15m	300n	23	500k		±15	300m	07		1LM18HX	TO99
101	T318F	1.0u	15MΔ	15m	300n	23	500k		±18	360m	07		1LM01FX	TO91
102	T318J	1.0u	15MΔ	15m	300n	23	500k		±18	360m	07		1LM01NX	TO116
103	T318V	1.0u	15MΔ	15m	300n	23	500k		±18	360m	07		1LM01HX	TO99
104	TOA318E	1.0u	15MΔ	15m	300n	23	500k		±18	360m	07		1LM01NX	14-4j
105	MA327	1.0u	20M	300u	200n	26		2.0u	±20	500m	57		3MA27HX	
106	ULN2139D	1.2u	10kΔ	9.0m	115n	22	100k		±15	200m	07		21LM39HX	TO99
107	ULN2139G	1.2u	10kΔ	9.0m	115n	22	100k		±15	200m	07		21LM39HX	FPØ
108	HA1303	1.5u		4.5m	450n	26 †	50k	5.0u	±15	125m†	27		13LM03ZX	TO101
109	LM101H883	1.5u		5.0m	500n				±20	120m	5C	Overload Protection		TO99
110	709B4	1.5u		6.0m	.50u	16	150k	6.0u	±15	165m	5C		7LM09HX	TO99

IN ORDER OF (1) IIB MAX (2) BW UNITY GAIN MIN (3) VIO MAX (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (±V)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1	709B4P	1.5u		6.0m	.50u	16	150k	6.0u	±15	165m	5C		7LM09FX	TO91
2	741BL	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM41HX	TO116
3	748BE	1.5u		6.0m	500n	24	300k		±15	85m	5C		1LM01HX	TO99
4	748BH	1.5u		6.0m	500n	24	300k		±15	85m	5C		1LM01HX	TO91
5	748BL	1.5u		6.0m	500n	24	300k		±15	85m	5C		1LM01HX	TO116
6♦	AM741DM	1.5u		6.0m	500n	12 ±	300k		15 ±	85m	5C	compensated; nullable	7LM41JX	DL14m
7	AM741FM	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM41HX	FP18
8♦	AM741HM	1.5u		6.0m	500n	12 ±	300k		15 ±	85m	5C	compensated; nullable	7LM41JX	TO99
9	AM748DM	1.5u		6.0m	500n	24	300k		±15	85m	5C		1LM01NX	DL14m
10	AM748FM	1.5u		6.0m	500n	24	300k		±15	85m	5C		1LM01NX	FP18
11	AM748HM	1.5u		6.0m	500n	24	300k		±15	85m	5C		1LM01NX	TO99
12	AMLM101	1.5u		6.0m	500n	24	300k		±20	60m	5C		1LM01NX	TO99
13	AMLM101D	1.5u		6.0m	500n	24	300k		±20	60m	5C		1LM01NX	DL14m
14	AMLM101F	1.5u		6.0m	500n	24	300k		±20	60m	5C		1LM01NX	FP18
15	AMLM201	1.5u		6.0m	500n	24	300k		±20	60m	28		1LM01NX	TO99
16	AMLM201D	1.5u		6.0m	500n	24	300k		±20	60m	28		1LM01NX	DL14m
17	AMLM201F	1.5u		6.0m	500n	24	300k		±20	60m	28		1LM01NX	FP18
18♦	CA741HG	1.5u		6.0m	500n	12 ±	300k		15 ±	84m	5C	compensated; nullable	7LM41HX	CHØ
19♦	CA741L	1.5u		6.0m	500n	12 ±	300k		15 ±	85m	5C	compensated; nullable	7LM41HX	CH19
20	HA2A2107-3	1.5u		6.0m	500n	24	300k	6.0u	±20	120m	5C		21LM07HX	TO99
21	HA9W2107-3	1.5u		6.0m	500n	24	300k	6.0u	±20	120m	5C		21LM07FX	TO91
22	ICL741MHSFD	1.5u		6.0m	500n	24	300k		±15	84m	5C		7LM41FX	FPØ
23♦	ICL741MHSTY	1.5u		6.0m	500n	24	300k		±15	84m	5C		7LM41HX	TO99
24	LH101D	1.5uL		6.0m	500nL	24	300k	6.0u	±20	500m	5C		1LM07NX	TO116
25	LM101H	1.5u		6.0m	500n	24	300k	6.0u	±20	100m	5C		1LM01HX	CN1d
26	LM101NØ	1.5u		6.0m	500n	24	300k	6.0u	±20	500m	5C		1LM01HX	DL8m
27	LM301N	1.5u		6.0m	500n	30	300k	6.0u	±15	90m	07		1LM01HX	DL8g
28	LM709H883	1.5u		6.0m	500n	16			±15	165m	5C	low drift/Gen Purp		TO99
29	LM709J	1.5u		6.0m	500n	16	150k	6.0uL	±15	165m	5C		7LM09NX	DL14bf
30♦	LM741D	1.5u		6.0m	500n	12 ±	300k		15 ±	84m	5C	compensated; nullable	7LM41JX	DL14cc
31♦	LM741F	1.5u		6.0m	500n	12 ±	300k		15 ±	84m	5C	compensated; nullable	7LM41JX	FP37
32	LM748N	1.5u		6.0m	500n	24	300k	6.0u	±15	84m	5C		1LM01NX	DL8ah
33	MA709ML	1.5u		6.0m	500n	16	150k	3.0u	±15	165m	5C		7LM09HX	TO99
34	MA748ML	1.5u		6.0m	500n	24	300k		±15	85m	5C	Short protected/GP		TO99
35	MC1709F	1.5uL		6.0m	200nL	16	40k	3.0u	±15	165m	5C		7LM09F	TO91
36	MC1709L	1.5uL		6.0m	200nL	16	40k	3.0u	±15	165m	5C		7LM09N	TO116
37	MC1709U	1.5uL		6.0m	200nL	16	40k	3.0u	±15	165m	5C		7LM09F	8-1/9
38	MC1741F	1.5u		6.0m	500n	24	2.0M†		±15	85m	5C		7LM41F	TO91
39	MC1741NF	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM41HX	TO91
40	MC1741NG	1.5u		6.0m	500n	12 ±	300k		15 ±	500m	5C	comp; ovrld protected	7LM41H	TO99
41♦	MC1741NL	1.5u		6.0m	500n	12 ±	300k		15 ±	500m	5C	compensated; nullable	7LM41J	DL14ag
42	MC1741NU	1.5u		6.0m	500n	12 ±	300k		15 ±	500m	5C	comp; ovrld protected	7LM41H	DL8s
43♦	MC1741P	1.5uL		6.0m	500n	12 ±	300k	6.0u	15 ±	85m	5C	compensated; nullable	7LM41J	14-3a
44	MC4741P	1.5u		6.0m	500n	24	300k		±15	120m			7LM41HX	DL14az
45	MCB1709F	1.5uL		6.0m	500nL	16	150k	3.0u	±15	165m	5C		7LM09FX	FP21
46	MCBC1709	1.5uL		6.0m	500nL	16	150k	3.0u	±15	165m	5C		7LM09HX	CH1
47	MIC741-1C	1.5u		6.0m	500n	24	300k		±15	85m	5C	Short protected/GP		CN1
48	MIC741-1D	1.5u		6.0m	500n	24	300k		±15	85m	5C	Short protected/GP		14-2p
49	MS101	1.5uL		6.0m	500nL	24	300k		±15	270m	5A		1LM01HX	FP12
50	MS741	1.5u		6.0m	500n	24	300k		±15	270m	5A		7LM41H	FP12
51	MT101	1.5uL		6.0m	500nL	24	300k	6.0u	±20	100m	5C		1LM01HX	CN1c
52♦	MT101-883	1.5uL		6.0m	500nL	30			20.0 ±	120m	5C		1LM01HX	CN1c
53	MT709	1.5uL		6.0m	500nL	16	150k	3.0u	±15	165m	5C		7LM09HX	CN1c
54	MT741	1.5uL		6.0m	500nL	30	300k		±15	85m	5C		7LM41HX	CN1c
55♦	NE531	1.5u		6.0m	50n				15.0 ±	165m	07		5LM31HX	CN1g
56	PM741Y	1.5u		6.0m	500n	24	300k		±15	84m	5C		7LM41HX	DL14q
57	RC4709DP	1.5u		6.0m	500n	16	400k†	3.0u	±15	225m	07		7LM09HX	DL14ae
58	RM741CQ	1.5u		6.0m	500n	24	1.0m†		±15	85m	5C		7LM41FX	FP2z
59	RM741Q	1.5u		6.0m	500n	24	1.0m†		±15	85m	5C		7LM41F	FP2z
60	RM4531DN	1.5u		6.0m	500n	20	30		±15	210m	5C		45LM31ZX	DL8g
61	RM4709D	1.5u		6.0m	500n	16	400k†	3.0u	±15	225m	5C		7LM09N	DL14ae
62♦	RM4741D	1.5u		6.0m	500n	12 ±	1.0M†		15 ±	170m	5C	compensated; nullable	7LM41J	DL14ae
63♦	RM4741J	1.5u		6.0m	500n	12 ±	1.0M†		15 ±	170m	5C	compensated; nullable	7LM41J	FP6a
64	S5709G	1.5u		6.0m	.50u	16	150k	6.0u	±15	165m	5C		7LM09F	TO91
65	SN52709	1.5u		6.0m	200n♦	16	150k	3.0u	±15	165	5C		7LM09F	TO89
66	SN52709N	1.5u		6.0m	500n	16	150k	3.0u	±15	165m	5C		7LM09N	DL14x
67	SN52709P	1.5u		6.0m	500n	16	150k	3.0u	±15	165m	5C		7LM09HX	DL8d
68	SN52741FA	1.5u		6.0m	500n	24	300k		±15	100m	5C		7LM41JX	FP22
69	SN52741JA	1.5u		6.0m	500n	24	300k		±15	100m	5C		7LM41JX	14-25
70	SN52741N	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM41JX	DL14x
71	SN52741P	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM41JX	DL8d
72♦	SN52748FA	1.5u		6.0m	500m	12.0 ±	300k		15.0 ±	85m	5C	decomp; nullable	7LM48FX	FP22
73♦	SN52748JA	1.5u		6.0m	500m	12.0 ±	300k		15.0 ±	85m	5C	decomp; nullable	7LM48NX	14-25
74♦	SN52748N	1.5u		6.0m	500n	12.0 ±	300k		15.0 ±	85m	5C	decomp; nullable	7LM48NX	DL14x
75♦	SN52748P	1.5u		6.0m	500n	12.0 ±	300k		15.0 ±	85m	5C	decomp; nullable	7LM48HX	DL8d
76♦	T1741WF	1.5u		6.0m	500n	12 ±	300		15 ±	85m	5C	compensated; nullable	7LM41HX	TO86
77	T1741WJ	1.5u		6.0m	500n	24	300		±15	85m	5C		7LM41HX	TO116
78	T1741WV	1.5u		6.0m	500n	24	300		±15	85m	5C		7LM41HX	TO99
79	TAA522	1.5u		6.0m	200n	20	150k		±15	165m	5C		5LM22ZX	TO99
80♦	TBC0748	1.5u		6.0m	500n	12.0 ±	300k		15.0 ±	85m	5C	decomp; nullable	7LM48HX	TO99
81	TH5PA#1	1.5u		6.0m	500n	24	300k	6.0u♦	±15	150m	5C		0LM5PX	CN35
82	uA709DM	1.5u		6.0m	500n	16	150k	6.0u	±15	165m	5C		7LM09NX	DL14br
83	uA709PC	1.5u		6.0m	500n	16	150k	6.0u	±15	165m	07		7LM09NX	DL14Ø
84	uA791KM	1.5u		6.0m	500n	24	300k		±15	750m	5C		7LM91NX	CN24b
85	uA791P5C	1.5u		6.0m	500n	24	300k		±15	750m	5C		7LM91NX	12T8
86♦	U5B7741312	1.5u		6.0m	500n	24	300k		±15	84m	5C		7LM41HX	TO99
87	ULN2709M	1.5u		6.0m	500n	16	150k	3.0u	±15	165m	07		7LM09HX	DL8a
88	ULS2741C	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM41HX	
89	ULS2741D	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM41HX	TO78
90♦	T82AH	1.5u		7.0m	50n♦	16	500k	20u	15.0 ±	225m	5C			TO100
91	MCC1709C	1.5u♦		7.5m	500n♦	20 †	250k†		±15	200m	5C		7LM09HX	CH9
92	MCCF1709C	1.5u♦		7.5m	500n♦	20 †	250k†		±15	200m	07		7LM09HX	CH21
93	MS201	1.5u♦		7.5m	500n♦	24	400k		±15	270m	28		1LM01HX	FP12
94	uA709PCØ	1.5u		7.5m	500n		50k		15 ±	670m	07		7LM09NX	DL14ce
95	811BE	1.5u		10m	250n	20	100k	5.0u♦	±15	150m	5C		8ZL11ZX	TO99
96	811CE	1.5u		10m	.35u♦	20	50k	5.0u♦	±15	100m†	0A		8ZL11ZX	TO99
97♦	811CJ	1.5u		10m	.35u♦	20	50k	5.0u♦	±15	100m†	0A		8LM11JX	14-3
98	CA201G	1.5u♦		10m	500n♦	24	100k	10u	±20	120m	07		1LM01HX	DL8ad
99	L137AA	1.5u		17m		10	300k	50u	±20	120m	5C		1LM37ZX	TO99
100	RM4531D	1.5u		6.0	500n	20	300k		±15	210m	5C		45LM31ZX	14-21
101	741-1-36	1.5u	10 †	6.0m	500n	24	300k		±15	85m	5C		7LM41HX	TO91
102	TOA3709E	1.5u	10 Δ	6.0m	500n	16	150k	6.0u	±15	165m	07		7LM09N	TO116
103	809BE	1.5u	300 †	10m	500n	20	100k	50u♦	±15	150m	5C		7LM09H	TO99
104	809BH	1.5u	300 †	10m	500n	20	100k	50u♦	±15	150m	5C		7LM09F	FP5
105	HEPC6053L-RT	1.5uL	1.0kΔ	7.5m	150nL	22	100k	5.0u	±15	200m	07		14LM39HX	TO116
106	809CE	1.5u	1.0k†	10m	.50u	20	50k	50u♦	±15	100m†	0A		7LM09H	TO99
107	809CH	1.5u	1.0k†	10m	.50u	20	50k	50u♦	±15	100m†	0A		7LM09F	FP5
108	809CJ	1.5u	1.0k†	10m	.50u	20	50k	50u♦	±15	100m†	0A		7LM09HX	14-3
109	LA101G	1.5u	1.2kΔ	6.0m	500n	3.0	300k	6.0u	±20	120m	5C		1LM01HX	CN1c
110	MC1709CP	1.5u♦	7.0kΔ	10m	750n	16	50k	3.0u	±15	200m	07		7LM09NX	14-3a

LINE No.	4 TYPE NUMBER	1 IIB MAX (A)	2 BW UNITY GAIN MIN (Hz)	3 VIO MAX (V)	IIO MAX (A)	VICR MIN (±V)	RI DIFF MODE MIN (Ω)	ΔVIO/ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP - / COMP +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	807BE	1.5u	10k†	3.0m	250n	16	500k	10u	±15	225m	5C		8LM05ZX	TO100
2	807BH	1.5u	10k†	3.0m	250n	16	500k	10u	±15	225m	5C		8LM05ZX	FP5
3	709-1-36	1.5u	10k†	6.0m	500n	16	150k	6.0u	±15	165m	5C		7LM09HX	TO91
4	MCB1741F	1.5uL	10k†	6.0m	500n	24	300k	3.0u	±15	85m	5C		7LM41HX	FP21
5	MCBC1741	1.5uL	10k†	6.0m	500n	24	300k	3.0u	±15	85m	5C		7LM41HX	CH2
6	MIC709-1	1.5u	10kΔ	6.0m	.50u	16	150k	3.0u	±15	165m	5C		7LM09H	CN1
7	PA7709-31	1.5u	10k†	6.0m	.50u	16	150k	3.0u	±15	165m	5C		7LM09H	CN1
8	PL7709-31	1.5u	10k†	6.0m	.50u	16	150k	3.0u	±15	165m	5C		7LM09F	FP2c
9	RM709	1.5u	10k†	6.0m	.50u	16	150k	6.0u	±15	165m	5C		7LM09HX	CN1a
10	T1709F	1.5u	10kΔ	6.0m	500n	16	150k	6.0u	±15	165m	5C		7LM09FX	TO91
11	T1709J	1.5u	10kΔ	6.0m	500n	16	150k	6.0u	±15	165m	5C		7LM09NX	TO116
12	T1709V	1.5u	10kΔ	6.0m	500n	16	150k	6.0u	±15	165m	5C		7LM09HX	TO99
13♦	T1741J	1.5u	10kΔ	6.0m	500n	12.0 ±	300k		15.0 ±	85m	5C	comp; nullable	7LMuiH	TO116
14♦	T1741V	1.5u	10kΔ	6.0m	500n	12.0 ±	300k		15.0 ±	85m	5C	comp; nullable	7LMuiH	TO99
15	T1809J	1.5uL	10kΔ	6.0m	500nL	16	150k	6.0u	±15		5C		7LM09NX	TO116
16	T3709F	1.5u	10kΔ	6.0m	500n	16	150k	6.0u	±15	165m	5C		7LM09FX	TO91
17	T3709J	1.5u	10kΔ	6.0m	500n	16	150k	6.0u	±15	165m	07		7LM09NX	TO116
18	T3709V	1.5u	10kΔ	6.0m	500n	16	150k	6.0u	±15	165m	07		7LM09HX	TO99
19	TL1709	1.5uL	10kΔ	6.0m	500nL	16	150k	6.0u	±15	165m	5C		7LM09HX	TO99
20	TL2709	1.5uL	10kΔ	6.0m	500nL	16	150k	6.0u	±15	165m	5C		7LM09HX	TO116
21	TOA1709	1.5u	10kΔ	6.0m	.50u	16	150k	6.0u	±15	165m	5C		7LM09HX	TO79
22♦	TOA1741	1.5u	10kΔ	6.0m	.50u	12.0 ±	300k		15.0 ±	85m	5C	comp; nullable	7LMuiH	TO79
23	TOA3709	1.5u	10kΔ	6.0m	.50u	16	150k	6.0u	±15	165m	07		7LM09HX	TO79
24	WM1709	1.5u	10k†	6.0m	500n	16	150k	3.0u	±15	150m	5C		7LM09H	CN11d
25	805BE	1.5u	10k†	7.0m	250n	16	500k	20u	±15	225m	5C		8LM05ZX	TO100
26	805BH	1.5u	10k†	7.0m	250n	16	500k	20u	±15	225m	5C		8LM05ZX	FP5
27	806BE	1.5u	10k†	7.0m	250n	16	500k	20u	±15	225m	5C		8LM05ZX	TO100
28	806BH	1.5u	10k†	7.0m	250n	16	500k	20u	±15	225m	5C		8LM05ZX	FP5
29	MC1439P	1.5uL	10kΔ	7.5m	150n	22	100k	3.0u	±15	201m	07		14LM39HX	DL14s
30♦	T1748F	1.5u	100kΔ	6.0m	500n	12.0 ±	300k		15.0 ±	85m	5C	decomp; nullable	7LM48HX	TO91
31♦	T1748J	1.5u	100kΔ	6.0m	500n	12.0 ±	300k		15.0 ±	85m	5C	decomp; nullable	7LM48HX	TO116
32♦	T1748V	1.5u	100kΔ	6.0m	500n	12.0 ±	300k		15.0 ±	85m	5C	decomp; nullable	7LM48HX	TO99
33♦	TOA1741W	1.5u	100kΔ	6.0m	500n	12.0 ±	300k		15.0 ±	85m	5C	comp; nullable	7LMuiH	TO99
34♦	TOA1741WF	1.5u	100kΔ	6.0m	500n	12.0 ±	300k		15.0 ±	85m	5C	comp; nullable	7LMuiH	TO91
35♦	TOA1741WP	1.5u	100kΔ	6.0m	500n	12.0 ±	300k		15.0 ±	85m	5C	comp; nullable	7LMuiH	TO116
36	LA709G	1.5u	200kΔ	6.0m	500n	3.0	150k	6.0u	±15	165m	5C		7LM09HX	CN1c
37	ADO49C	1.5u♦	500k	7.5m	500n♦	16	50k	20u	±15	210m	07		4LM9ZX	CN5
38	UC4741	1.5u	700k†	6.0m	500n	24	300k	5.0u	±15	85m	5C		7LM41H	TO99
39	UC4741D	1.5u	700k	6.0m	500n	24	500k		±15	85m	5C		7LM71J	DL14ae
40♦	UC4748	1.5u	700k	6.0m	500n	12.0 ±	500k		15.0 ±	85m	5C	decomp; nullable	7LM48HX	TO99
41	LA748H	1.5u	800k	6.0m	500n	24	300k	3.0u	±15	85m	5C		7LM48HX	CN1a
42	SG748F	1.5u	800k	6.0m	500n	24		3.0u	±15	84m	5C		7LM48FX	FP2v
43	SG748Y	1.5u	800k	6.0m	500n	24		3.0u	±15	84m	5C		7LM48HX	DL8s
44	SG1217F	1.5u	800k†	6.0m	500n	24		3.0u	±15	84m	5C		1LM07FX	FP2v
45	SG1217Y	1.5u	800k†	6.0m	500n	24		3.0u	±15	84m	5C		7LM41JX	DL8s
46	SL703A	1.5u	900kΔ	2.0m	200n		50k†	8.0u	12	150	5H		7LM03ZX	CN11b
47	SL704A/F	1.5u♦	900kΔ	2.0m	200n♦		50k†	8.0u	12	150	5H		7LM04FX	FP2h
48	SL704A/T	1.5u♦	900kΔ	2.0m	200n♦		50k†	8.0u	12	150	5H		7LM04HX	
49	L141T2	1.5u	1.0MΔ	5.0m	500n	24	300k		±22	85m	5C		7LM41HX	TO99
50	709BN	1.5u	1.0M	6.0m	500n	16	150k	3.0u	±15	165m	5C		7LM09N	TO116
51	741-1-5B	1.5u	1.0MΔ	6.0m	500n	24	300k		±15	85m	5C		7LM41HX	TO99
52	741BE	1.5u	1.0M	6.0m	500n	24	300k		±15	85m	5C		7LM41H	TO99
53	741BH	1.5u	1.0M	6.0m	500n	24	300k		±15	85m	5C		7LM41F	TO91
54♦	741BN	1.5u	1.0M	6.0m	500n	12 ±	300k		15 ±	670m	5C	compensated; nullable	7LM41J	TO116
55	841BE	1.5u	1.0M	6.0m	500n	24	300k		±15	85m	5C		7LM41H	TO99
56	DM709D	1.5u	1.0MΔ	6.0m	.50u	16	150k	6.0u	±15	165m	5C			14-2b
57	DM709F	1.5u	1.0MΔ	6.0m	.50u	16	150k	6.0u	±15	165m	5C			FP2a
58♦	ICL741LNDD	1.5u	1.0M†	6.0m	500n	12 ±		7.0u	15 ±	112m	5c	compensated; nullable	7LM41HX	
59♦	ICL741LNTY	1.5u	1.0M†	6.0m	500n	12 ±		7.0u	15 ±	112m	5c	compensated; nullable	7LM41HX	TO99
60	LA101F	1.5u	1.0M	6.0m	500n	24	300k	6.0u	±20	120m	5C		1LM01FX	TO91
61	LA101H	1.5u	1.0M	6.0m	500n	24	300k	6.0u	±20	120m	5C		1LM01HX	CN1c
62	LA709F	1.5u	1.0M	6.0m	500n	16	150k	6.0u	±15	165m	5C		7LM09F	TO91
63	LA709H	1.5uL	1.0M	6.0m	500nL	16	150k	6.0u	±15	165m	5C		7LM09H	CN1c
64	LA741F	1.5uL	1.0M	6.0m	500nL	24	300k	3.0u	±15	85m	5C		7LM41F	TO91
65	LA741H	1.5uL	1.0M	6.0m	500nL	24	300k	3.0u	±15	85m	5C		7LM41H	TO99
66♦	RC741DB	1.5u	1.0M†	6.0m	500n	12 ±	1.0M†		15 ±	85m	07	compensated; nullable	7LM41JX	DL14au
67	S5101G	1.5u	1.0M	6.0m	500n	24	300k	6.0u	±20	120m	5C		1LM01FX	TO91
68♦	SE530A	1.5u	1.0MΔ	6.0m	500n	24	300k		15.0 ±	85m	5C		7LM41JX	TO116
69♦	SE530G	1.5u	1.0MΔ	6.0m	500n	24	300k		15.0 ±	85m	5C		7LM41FX	TO91
70	SG741N	1.5u	1.0MΔ	6.0m	500n	24	300k		±15	85m	07		7LM41JX	TO116
71	uA3503D	1.5u	1.0M†	6.0m	200n	28		10u	±15	670m	5C		35LM03DX	DL14br
72♦	ICL741LNFB	1.5u	1.0M†	7.5m	500n	12 ±		7.0u	15 ±	112m	5c	compensated; nullable	7LM41HX	
73♦	RC709NB	1.5u♦	1.0M†	7.5m	200n♦	8.0 ±	250k†		15.0 ±	200m	07	decompensated	7LM09H	DL8ab
74♦	uA709C	1.5u	1.0M	7.5m	100n	8.0 ±			15.0 ±	78m	07	decompensated	7LM09H	CN1g
75	741DE	1.5u	1.0M	15m	600n	20	50k		±15	85m	07		7LM41H	TO99
76	MCH2870MR	1.5u	1.1M†	6.0m	500n	24	300k		±15	390m	5C		28LM70ZX	CN30
77	VA6T155831	1.5u	1.1M†	6.0m	500n	24	300k		±15	150m	5C		14LM58HX	DL8a
78	VA6T155839	1.5u	1.1M†	6.0m	500n	24	300k		±15	150m	07		14LM58HX	DL8a
79	DM709T	1.5u	1.5M	6.0m	.50u	16	150k†	6.0u	±15	165m	5C			CN1b
80♦	SG1217J	1.5u	2.5M†	6.0m	500n	24	300k		15.0 ±	85m	5C			TO116
81	SG1217T	1.5u	2.5M†	6.0m	500n	24	300k		±15	85m	5C		7LM41HX	TO99
82	LM709F	1.5u	5.0M	6.0m	500n	16 ⍁	150k	6.0u	±15	165m	5C		7LM09FX	FP2
83	LM709CF	1.5u	5.0M	7.5m	.50u	16	50k	6.0u	±15	198m	07	low drift/Gen Purp		
84	SE5534AL	1.5u	10M†	3.0m	500n	24	50k		±15	195m	5C		55LM34HX	CN1k
85	SE5534L	1.5u	10M†	3.0m	500n	24	50k		±15	195m	5C		55LM34HX	CN1k
86♦	SA5534A	1.5u	10M†	4.0m	300	24	30k	5.0u	22	800m	07	Ext Compensated	55LM34HX	DL8ce
87	RM4101D	1.5u	10M†	6.0m	500n	24	300k	6.0u	±15	90m	5C		1LM01NX	DL14ae
88	RM4101Q	1.5u	10M†	6.0m	500n	24	300k	6.0u	±15	90m	5C		1LM01FX	FP2k
89	RM4101T	1.5u	10M†	6.0m	500n	24	300k	6.0u	±15	90m	5C		1LM01HX	TO99
90	HA17715M	1.5u	65M†	7.5m	250n	20	1.0M†		±15	500m	27		17M715GX	TO100
91	L115T1	1.5u♦	65MΔ	10m	250n♦	20	1.0M†		±15	300m	07		7LM15HX	TO100
92	HT72	2.0u			750n	X	150k	6.0u	±15	2.7			7LM2ZX	CBØ
93	RC4531DC	2.0u		7.5m	300n	20	30		±15	300m	07		45LM31ZX	14-21
94	AMLM301	2.0u		10m	750n	24	100k		±20	60m	07		1LM01NX	TO99
95	LH201D	2.0uL		10m	750nL	24	150k	10u	±20	500m	07		1LM07NX	TO116
96	LH201F	2.0uL		10m	750nL	24	150k	10u	±20	500m	07		1LM07FX	FP37
97	LM201F⍁	2.0u		10m	750n	24	100k	10u	±20	120m	07		1LM01FX	FP37
98	LM201H	2.0u		10m	750n	24	100k	10u	±20	120m	07		1LM01HX	CN1d
99	LM201J14	2.0u		10m	750n	24	100k	6.0u	±20	120m	07		1LM01HX	DL14bf
100	LM201J	2.0u		10m	750n	24	100k	6.0u	±20	120m	07		1LM01HX	DL8aq
101	LM709CJ	2.0u		10m	750n	16	50k	12uL	±15	198m	07		7LM09NX	DL14bf
102	LM709CN-8	2.0u		10m	750n	16	50k	12u	±15	198m	07		7LM09H	DL8ah
103	MA709CL	2.0u		10m	750n	16	50k		±15	200m	07		7LM09HX	TO99
104	MB3602K	2.0u		10m	750n	15	50k		±15	200m	07		7LM09FX	TO78
105	MC1709CF	2.0u		10m	750n	16	50k		±15	200m	07		7LM09F	TO91
106	MC1709CL	2.0u		10m	750n	16	50k		±15	200m	07		7LM09N	TO116
107	MC1709CP2	2.0u		10m	750n	16	50k		±15	200m	07		7LM09N	DL14az
108	MC1709CU	2.0u		10m	750n	16	50k	5.0u	±15	200m	07		7LM09FX	DL8s
109	MIC709-5	2.0u		10m	.75u	16	50k	36u	±15	200m	07		7LM09H	CN1
110	MT201	2.0uL		10m	750nL	24	150k	6.0u	±20	120m	07		1LM01HX	CN1c

5. OPERATIONAL AMPLIFIERS – Single (cont'd)

IN ORDER OF (1) IIB MAX (2) BW UNITY GAIN MIN (3) VIO MAX (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE (T C / E O / M D / P E / - +)	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	MT709C	2.0uL		10m	750nL	16	50k	6.0u	±15	198m	07		7LM09HX	CN1c
2	MT709CN	2.0uL		10m	750nL	16	50k	6.0u	±15	198m	07		7LM09NX	14-4e
3	N5709G	2.0u		10m	.75u	16	50k		±15	200m	07		7LM09F	TO91
4	RC709BL	2.0u		10m	750n	16	50k		±15	250m	07		7LM09HX	CH28
5	RC709Q	2.0u		10m	750n	20	250k†		±15	200m	07		7LM09F	FP2k
6	RC4709D	2.0u		10m	750n	16	150k†	3.0	±15	225m	07		7LM09N	DL14ae
7	RC4709J	2.0u		10m	750n	16	150k†	3.0	±15	225m	07		7LM09N	FP6a
8	RC4709T	2.0u		10m	750n	16	150k†	3.0	±15	225m	07		7LM09H	TO99
9	RM709BD	2.0u		10m	750n	20	250k†		±15	200m	5C		7LM09HX	DL14ae
10	RM709BQ	2.0u		10m	750n	20	250k†		±15	200m	5C		7LM09HX	FP2k
11	RM709BT	2.0u		10m	750n	20	250k†		±15	200m	5C		7LM09HX	TO99
12	SFC2709PC	2.0uL		10m	750nL	16	50k	6.0u	±15	198m	07		7LM09FX	TO91
13	SN72709DN	2.0u		10m	750n	16	50k		±15	400m	07		7LM09NX	TO116
14	SN72709FA	2.0u		10m	750n	16	50k		±15	200m	5C		7LM09FX	FP2t
15	TAA521	2.0u		10m	750n	20	50k		±15	200m	07		5LM22ZX	TO99
16	TAA521A	2.0u		10m	750n	20	50k		±15	200m	07		5LM21ZX	DL14ab
17	uA201-9T	2.0u		10m	750nL	24	100k		±15	85m	07		1LM01HX	8-1a
18	uA709DC	2.0u		10m	750n	16	50k		±15	200m	07		7LM09NX	DL14br
19	ULN2709CM	2.0u		10m	750n	16	50k		±15	200m	07		7LM09HX	DL8a
20	L137CA	2.0u		27m		10	150k	50u	±20	120m	07		1LM37ZX	TO99
21	RC4101CD	2.0u	10 Δ	10m	750n	24	150k	6.0u	±15	90m	07		1LM01NX	DL14ae
22	RC4101CQ	2.0u	10 Δ	10m	750n	24	150k	6.0u	±15	90m	07		1LM01FX	FP2k
23	RC4101CT	2.0u	10 Δ	10m	750n	24	150k	6.0u	±15	90m	07		1LM01HX	TO99
24	RC4101D	2.0u	10 Δ	10m	750n	24	150k	10u	±15	90m	07		1LM01NX	DL14ae
25	RC4101Q	2.0u	10 Δ	10m	750n	24	150k	10u	±15	90m	07		1LM01FX	FP2k
26	RC4101T	2.0u	10 Δ	10m	750n	24	150k	10u	±15	90m	07		1LM01HX	TO99
27	RM4101CD	2.0u	.01k†	10m	.75u	24	150k	10u	±20	120m	07		1LM01NX	DL14ae
28	RM4101CF	2.0u	.01k†	10m	.75u	24	150k	10u	±20	120m	07		1LM01FX	FP2g
29	RM4101CT	2.0u	.01k†	10m	.75u	24	150k	10u	±20	120m	07		1LM01HX	CN1a
30	TOA2709E	2.0u	10 Δ	10m	750n	16	50k	3.0u	±15	200m	07		7LM09HX	TO116
31	LM301D	2.0u	100 Δ	10m	750n	24	150k	10u	±15	90m	07		1LM01NX	14-21
32	LM301H	2.0u	100 Δ	10m	750n	24	150k	10u	±15	90m	07		1LM01HX	TO99
33	RC101CD	2.0u	100 Δ	10m	500n	24	150k	10u	±15	90m	07		1LM01NX	DL14ae
34	RC101CQ	2.0u	100 Δ	10m	500n	24	150k	10u	±15	90m	07		1LM01FX	FP2k
35	RC101CT	2.0u	100 Δ	10m	500n	24	150k	10u	±15	90m	07		1LM01HX	TO99
36	RM101CD	2.0u	.10k†	10m	.75u	24	150k	10u	±20	120m	07		1LM01NX	DL14ae
37	RM101CF	2.0u	.10k†	10m	.75u	24	150k	10u	±20	120m	07		1LM01FX	FP2g
38	RM101CT	2.0u	.10k†	10m	.75u	24	150k	10u	±20	120m	07		1LM01HX	CN1a
39	LA201F	2.0u	1.2kΔ	10m	.75u	3.0	150k	10u	±20	120m	07		1LM01FX	TO91
40	LA201G	2.0u	1.2kΔ	10m	750n	3.0	150k	10u	±20	120m	07		1LM01HX	CN1c
41	709-9-6E	2.0u	10k†	10m	750n	16	50k		±15	200m	07		7LM09HX	DL14t
42	709-9-36	2.0u	10k†	10m	750n	16	50k		±15	200m	07		7LM09HX	TO91
43	RM4709C	2.0u	10k†	10m	.75u	16	50k	3.0u♦	±15	225m	07		7LM09NX	DL14ae
44	T2709F	2.0u	10kΔ	10m	750n	16	50k	3.0u	±15	200m	07		7LM09FX	TO91
45	T2709J	2.0u	10kΔ	10m	750n	16	150k	3.0u	±15	200m	07		7LM09NX	TO116
46	T2709V	2.0u	10kΔ	10m	750n	16	50k	3.0u	±15	200m	07		7LM09HX	TO99
47	T2809J	2.0u	10kΔ	10m	750n	16	150k	3.0u	±15		07		7LM09NX	TO116
48	TL1709C	2.0u	10kΔ	10m	750n	160	50k	6.0u	±15	200m	07		7LM09HX	TO99
49	TL2709C	2.0u	10kΔ	10m	750n	160	50k	6.0u	±15	200m	07		7LM09HX	TO116
50	TL3709C	2.0u	10kΔ	10m	750n	160	50k	6.0u	±15	200m	07		7LM09HX	DL14w
51	TOA2709	2.0u	10kΔ	10m	.75u	16	50k	3.0u	±15	200m	07		7LM09HX	TO79
52	TOA2809E	2.0u	10kΔ	10m	750n	16	50k	3.0u	±15		07		7LM09N	TO116
53	WC1709	2.0u	10k†	10m	750n	16	50k		±15	195m	07		7LM09H	CN11d
54	SN521A	2.0u†	30kΔ	4.0m		8.0 Ø	30k	25u	19 §	28m†	5C		5LM21FX	TO89
55	SN522A	2.0u†	30kΔ	4.0m		8.0 Ø	30k	25u	19 §	72m†	5C		5LM22FX	TO89
56	LA709CF	2.0u	200kΔ	10m	750n	3.0	50k	12u	±15	198m	07		7LM09FX	TO91
57	LA709CG	2.0u	200kΔ	10m	750n	3.0	50k	12u	±15	198m	07		7LM09HX	CN1c
58	SE516G	2.0u	300k	10m	60n♦	8.0 §	100k		±15	180m	5C		5LM16ZX	TO91
59	SE516K	2.0u	300k	10m	60n♦	8.0 §	100k		±15	180m	5C		5LM16ZX	TO100
60	PA7709-39	2.0u	500k†	10m	.75u	16	50k	3.0u	±15	200m	07		7LM09H	CN1
61	PL7709-39	2.0u	500k†	10m	.75u	16	50k	3.0u	±15	200m	07		7LM09F	FP2c
62	LM201	2.0u	800k	10m	.75u	30	150k	6.0u	±22	500m	07	Overload Protection		TO99
63♦	N5201G	2.0u	1.0M	6.0m	750n	24	150k	10u	20.0 ±	120m	07		1LM01FX	TO91
64	DC709D	2.0u	1.0MΔ	10m	.75u	16	50k	6.0u	±15	200m	07			14-2b
65	DC709F	2.0u	1.0MΔ	10m	.75u	16	50k	6.0u	±15	200m	07			FP2a
66	HA2201	4.0u	1.0M†	10m	750n	24	150k	10u	±20	120m	28			TO99
67	LA201H	2.0uL	1.0M	10m	750nL	24	150k		±20	120m	07		1LM01HX	CN1c
68	LA709CH	2.0uL	1.0M	10m	750nL	16	50k	12u	±15	198m	07		7LM09H	CN1c
69	LA709CN	2.0uL	1.0M	10m	750nL	16	50k	12u	±15	198m	07		7LM09N	DL14t
70	DC709T	2.0u	1.5M	10m	.75u	16	50k	6.0u	±15	200m	07			CN1b
71	800DE	2.0u	10M†		200n	4.0	100k		24	120m	5C		8LM00ZX	TO100
72♦	801DE	2.0u	10M†		200n	4.0	100k		24	120m	5C		8LM01ZX	TO101
73	NE5534AL	2.0u	10M†	5.0m	400n	24	30k		±15	240m	07		55LM34HX	CN1k
74	NE5534L	2.0u	10M†	5.0m	400n	24	30k		±15	240m	07		55LM34HX	CN1k
75	RM4101F	2.0u	10M†	10m	750n	24	150k	10u	±20	120m	07		1LM01FX	FP2g
76	CA3100F	2.0u♦	38M†	5.0m	400n♦	24	30k†		±15	315m	5C		31LM00HX	DL8u
77	RM101F	2.0u	100M†	10m	750n	24	150k	10u	±20	120m	07		1LM01FX	FP2g
78	MA300CD	2.0u	150M	5.0m	500n	26	1.0M	5.0u	±15	350m	07			DL8Ø
79	RC702CQ	2.5u♦		6.0m		7.5 §	30k†		21 §	135m	07		7LM02HX	FP2k
80	RC702CT	2.5u♦		6.0m		7.5 §	30k†		21 §	135m	07		7LM02HX	TO99
81	SL703B	2.5u	900kΔ	5.0m	500n		50k†	3.0u	12	150	5H		7LM03ZX	CN11b
82	SL704B/F	2.5u♦	900kΔ	5.0m	500n♦		50k†	3.0u	12	150	5H		7LM04FX	FP2h
83	SL704B/T	2.5u♦	900kΔ	5.0m	500n♦		50k†	3.0u	12	150	5H		7LM04HX	
84	SN52709BL	3.0u		12m	1.2u	16	50k		±15	200m	5C		7LM09H	CN1
85	SN52709BN	3.0u		12m	1.2u	16	50k		±15	200m	5C		7LM09N	TO116
86	SN52709BS	3.0u		12m	1.2u	16	50k		±15	200m	5C		7LM09FX	FP2s
87	uA709B-3F	3.0u		12m	1.2u	16	50k		±15	200m	5C		7LM09FX	TO91
88♦	MC1533F	3.0u	4.0kΔ	6.0m	500n	17 §	500k	8.0u	±15	170m	5C	decomp; programmable	14LM33FX	TO91
89♦	MC1533G	3.0u	4.0kΔ	6.0m	500n	17 §	500k	8.0u	±15	170m	5C	decomp; programmable	14LM33GX	CN10j
90♦	MC1533L	3.0u	4.0kΔ	6.0m	500n	17 §	500k	8.0u	±15	170m	5C	decomp; programmable	14LM33ZX	DL14ag
91	MA206	3.0u	175kΔ	10m	300n	17 §		16u	20	140m	57		2LM06HX	
92	SL701C	3.0u♦	250kΔ	20m	1.8u♦		100k†	15u♦	24	300m	2A		7LM01ZX	CN11e
93	SL702C	3.0u♦	250kΔ	20m	1.8u♦		100k†	15u♦	24	300m	2A		7LM01ZX	CN11e
94	SL751C	3.0u	250kΔ	20m	1.8u	11 §	100k	15u	24	300m	5H		7SL51ZX	FP6c
95♦	SL751C/E	3.0u♦	250kΔ	20m	1.8u♦		100k†	15u♦	24	300m	5H		7SL51ZX	14-2k
96♦	SL751C/F	3.0u♦	250kΔ	20m	1.8u♦		100k†	15u♦	24	300m	5H		7SL51FX	FP6c
97♦	SL751CE	3.0u♦	250kΔ	20m	1.8u♦		100k†	15u♦	24	300m	2A		7SL51ZX	DL14be
98♦	SL751CF	3.0u♦	250kΔ	20m	1.8u♦		100k†	15u♦	24	300m	2A		7SL51FX	FP39
99♦	SFC2530	3.0u♦	1.3M†	1.0m†	.20u♦		20k†	3.0u♦	18	110m	5C		14LM30GX	TO100
100♦	RA338	3.0u	2.0M†	8.5m	.75u	18	30k		20.0 ±	108m	5C		3LM38ZX	TO84
101♦	RA340	3.0u	2.0M†	8.5m	.75u	18 §	60k		20.0 ±	108m	5C		3LM40ZX	TO84
102	AM715DM	4.0u		7.5m	800n	20	1.0M†		±15	210m	5C		7LM15NX	DL14m
103	AM715HM	4.0u		7.5m	800n	20	1.0M†		±15	210m	5C		7LM15HX	TO100
104	uA715DM	4.0u		7.5m	800n	20	1.0M†		±15	210m	5C		7LM15NX	DL14br
105♦	MC1433F	4.0u	4.0kΔ	10m	750n	16	300k	10u	±15	240m	07	decomp; programmable	14LM33FX	TO91
106♦	MC1433G	4.0u	4.0kΔ	10m	750n	16	300k	10u	±15	240m	07	decomp; programmable	14LM33GX	CN10j
107♦	MC1433L	4.0u	4.0kΔ	10m	750n	16	300k	10u	±15	240m	07	decomp; programmable	14LM33ZX	DL14ag
108♦	MC1433P	4.0u	4.0kΔ	10m	750n	16	300k	10u	±15	240m	07	decomp; programmable	14LM33ZX	DL14s
109♦	ZLD2S	4.0u♦	50k†	5.0m	500n♦	24 Ø	500k†	5.0uL	24.0	240m	58		0LM2ZX	TO78
110♦	ZLD2T	4.0u♦	50k†	12m	500n♦	24 Ø	500k†	25uL	24.0	240m	58		0LM2ZX	TO78

5. OPERATIONAL AMPLIFIERS – Single (cont'd)

IN ORDER OF (1) IIB MAX (2) BW UNITY GAIN MIN (3) VIO MAX (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO/ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1	CA3008A	4.0u♦	200kΔ	2.0m	1.5u♦	4.5 §	15k		12	40m†	5C		30LM08ZX	FP10
2	MA03080	4.0u♦	2.0M†	5.0m	500n	26	10k	15u	±15	36m	57			DL8ah
3	NE516A	4.5u		15m	600n	8.0	40k ·		±15	180m	07		5LM16ZX	TO116
4	NE516G	4.5u		15m	.60u♦	8.0 §	40k		±15	180m	07		5LM16ZX	TO91
5	NE516K	4.5u		15m	.60u♦	8.0 §	40k		±15	180m	07		5LM16ZX	TO100
6	NE517A	5.0u	10kΔ	5.0m	1.5u	24	25k		±15	200m	07		5LM17ZX	TO116
7	NE517Q	5.0u	10kΔ	5.0m	1.5u	24	25k		±15	200m	07		5LM17ZX	FP7b
8	SE517Q	5.0u	10kΔ	5.0m	1.5u	24	25k		±15	200m	5C		5LM17ZX	FP7b
9♦	SFC2430	5.0u♦	1.3M†	1.0m†	.40u♦		15k†	5.0u♦	16	110m	07		14LM30GX	TO100
10	SFC2430E	5.0u♦	1.3M†	1.0m†	.40u♦		15k†	5.0u♦	16	110m	07		14LM30ZX	TO116
11	MA308CD	5.0u	250M	10m	1.0u	26	300k	10u	±15	450m	07			DL8Ø
12	IC709D	6.0u		25m	1.6u	16	50k		±15	200m	07		7LM09NX	14-2b
13	IC709Q	6.0u		25m	1.6u	16	50k		±15	200m	07		7LM09F	TO91
14	IC709T	6.0u		25m	1.6u	16	50k		±15	200m	07		7LM09H	CN1c
15♦	ZLD2U	6.0u♦	100k†	20m	3.0u♦	24 Ø	250k†	50uL	24.0	240m	58		0LM2ZX	TO78
16	CA3015L	6.0u♦	200kΔ	1.0m	1.6u♦	8.7 §	7.5k		24	175m†	5C		7LM02HX	CH17
17	uPC51A	7.0u♦		5.0m	2.0u♦		40k†		18 §	110m	28		7LM02HX	MO002AK
18	LM3080H†	7.0u	2.0M†	6.0m	600n♦	24	10k		±15	33m†	07		30LM80HX	CN1d
19	SN52702AFA#2	7.5uL		4.0m	1.5uL	2.0 §	22k	15uL	9.0 §	30m	5C		7LM02HX	FP2t
20	SN52702AL#2	7.5uL		4.0m	1.5uL	2.0 §	22k	15uL	9.0 §	30m	5C		7LM02HX	TO99
21	AM715DC	7.5u		10m	750n	20	1.0M†		±15	300m	07		7LM15NX	DL14m
22	AM715HC	7.5u		10m	750n	20	1.0M†		±15	300m	07		7LM15HX	TO100
23	LM3080AH†	8.0u	2.0M†	5.0m	600n♦	24	10k		±15	33m†	5C		30LM80HX	CN1d
24	MIC712-1B	10uL		3.0m	1.5uL	4.5 §	10k	10u	18 §	120m	5C		7LM02HX	TO91
25	MIC712-1C	10uL		3.0m	1.5uL	4.5 §	10k	10u	18 §	120m	5C		7LM02HX	CN1
26	MIC712-1D	10uL		3.0m	1.5uL	4.5 §	16k	10u	18 §	120m	5C		7LM02HX	14-2m
27	RM702AD	10u		3.0m	1.5u	4.5 §	40k†	15u	18 §	120m	5C		7LM02HX	DL14ae
28	RM702AQ	10u		3.0m	1.5u	4.5 §	40k†	15u	18 §	120m	5C		7LM02HX	FP2k
29	RM702AT	10u		3.0m	1.5u	4.5 §	40k†	15u	18 §	120m	5C		7LM02HX	TO99
30	SN52702AFA#1	10uL		3.0m	1.5uL	4.5 §	16k	10uL	18 §	120m	5C		7LM02HX	FP2t
31	SN52702AJ#1	10uL		3.0m	1.5uL	4.5 §	16k	10uL	18 §	120m	5C		7LM02HX	TO116
32	SN52702AL#1	10uL		3.0m	1.5uL	4.5 §	16k	10uL	18 §	120m	5C		7LM02HX	TO99
33	SN52702AN	10u		3.0m	1.5u	4.5 §	16k	10u	18 §	120m	5C		7LM02HX	DL14x
34	TAA242Ø	10u		3.0m	1.5u	7.5 §	16k	10u	18 §	120m	5C		2LM41ZX	TO99
35	uA702DM	10u		3.0m	1.5u	4.5 §	16k	10u	18 §	120m	5C		7LM02HX	DL14br
36	uA702FM	10u		3.0m	1.5u	4.5 §	16k	10u	18 §	120m	5C		7LM02HX	FP2w
37	uA702HM	10u		3.0m	1.5u	4.5 §	16k	10u	18 §	120m	5C		7LM02HX	CN1d
38	TL1702A	10uL	400k†	3.0m	1.5u	2.0 §	16k	2.5uL	18 §	120m	5C		7LM02HX	TO99
39	TL2702A	10uL	400k†	3.0m	1.5u	2.0 §	16k	2.5uL	18 §	120m	5C		7LM02HX	TO116
40	702-1-3H	10u	1.0M†	3.0m	1.5u	4.5 §	16k	10u	18 §	120m	5C		7LM02HX	FP2d
41	702-1-5B	10u	1.0M†	3.0m	1.5u	4.5 §	16k	10u	18 §	120m	5C		7LM02HX	TO99
42	702-1-36	10u	1.0M†	3.0m	1.5u	4.5 §	16k	10u	18 §	120m	5C		7LM02HX	TO91
43	RC702AQ	10u	1.0M†	3.0m	1.5u	4.5 §	40k†	15u	18 §	120m	07		7LM02HX	FP2k
44♦	SFC2530F	10u♦	1.0MΔ	5.0m	2.0u♦	2.0	10k	10u	12	150m	5C		14LM30FX	FPØ
45♦	SFC2530G	10u♦	1.0MΔ	5.0m	2.0u♦	2.0	10k	10u	12	150m	5C		14LM30GX	CN8e
46♦	MC1530F	10u♦	1.0MΔ	6.0m	2.0u♦	4.0	10k		12	150m	5C		14LM30FX	TO91
47♦	MC1530G	10u♦	1.0MΔ	6.0m	2.0u♦	4.0	10k		12	150m	5C		14LM30GX	CN8g
48	9428	10u	1.0MΔ	7.5m	3.0u	20	3.0k	150u	±15	900m	58			
49	9300	10u♦	1.0MΔ	10m	3.0u♦	4.0 §	3.0k	50u♦	12	132m	07		93LM00ZX	CN20
50	RM702Q	10u	30M†	3.0m	1.5u	4.5 §	16k	10u	18 §	120m	5C		7LM02HX	FP2z
51	RM702T	10u	30M†	3.0m	1.5u	4.5 §	16k	10u	18 §	120m	5C		7LM02HX	TO99
52♦	801B	11uL	10kΔ	5.6mL	1.0uL	16	25M	10uL	±16	192m	5C		8LM00HX	TO99
53♦	801A	11uL	10kΔ	7.4mL	2.0uL	16	25M	40uL	±16	192m	5C		8LM00HX	TO99
54	712-9-5B	12uL		6.5m	2.5u	4.5 §	10k	20u	18 §	120m	07		7LM02HX	TO99
55	MIC712-5B	12uL		6.5m	2.5u	4.5 §	10k	20u	18 §	120m	07		7LM02HX	TO91
56	MIC712-5C	12uL		6.5m	2.5u	4.5 §	10k	20u	18 §	120m	07		7LM02HX	CN1
57	MIC712-5D	12uL		6.5m	2.5u	4.5 §	10k	20u	18 §	120m	07		7LM02HX	14-2m
58	RC702Q	12u		6.5m	2.5u	4.5 §	25k†	20u	18 §	120m	07		7LM02HX	FP2k
59	TAA241	12u		6.5m	2.5u	10	10k	20u	18 §	125m	07		2LM41ZX	TO99
60	uA702DC	12u		6.5m	2.5u	4.5 §	10k	20u	18 §	120m	07		7LM02HX	DL14br
61	uA702HC	12u		6.5m	2.5u	4.5 §	10k	20u	18 §	120m	07		7LM02HX	CN1d
62	CA3008	12u♦	200kΔ	5.0m	5.0u♦	4.5 §	10k		12	30m†	5C		30LM08ZX	FP10
63	TL1702C	12uL	400k†	6.5m	2.5u	4.5 §	10k	5.0u	18 §	120m	07		7LM02HX	TO99
64	TL2702C	12uL	400k†	6.5m	2.5u	4.5 §	10k	5.0u	18 §	120m	07		7LM02HX	TO116
65	702-9-3H	12u	1.0M†	6.5m	2.5u	4.5 §	10k	20u	18 §	120m	07		7LM02HX	FP2d
66	702-9-5B	12u	1.0M†	6.5m	2.5u	4.5 §	10k	20u	18 §	120m	07		7LM02HX	TO99
67	702-9-6E	12u	1.0M†	6.5m	2.5u	4.5 §	10k	20u	18 §	120m	07		7LM02HX	TO116
68	702-9-36	12u	1.0M†	6.5m	2.5u	4.5 §	10k	20u	18 §	120m	07		7LM02HX	TO91
69	uA702B-3F	12u	1.0M†	6.5m	2.5u	4.5 §	10k	20u	18 §	120m	5C		7LM02HX	TO91
70	RC702DC	12u	30M†	6.5m	2.5u	4.5 §	25k†	20u	18 §	120m	07		7LM02HX	DL14av
71	SN52702FA#2	14uL		6.0m	3.0uL	2.0 §	12k	5.0uL	9.0 §	35m	5C		7LM02HX	FP2t
72	SN52702J#2	14uL		6.0m	3.0uL	2.0 §	12k	5.0uL	9.0 §	35m	5C		7LM02HX	TO116
73	SN52702L#2	14uL		6.0m	3.0uL	2.0 §	12k	5.0uL	9.0 §	35m	5C		7LM02HX	TO99
74	CA3056A741	15uL		6.0m	500nL	24 Ø	300k		±15	85m	5C		7LM41HX	MO002AL
75	TAA243	15u♦		15m	5.0u♦	7.5 §	6.0k		18 §	125m	2A		2LM41ZX	TO99
76♦	SFC2430F	15u♦	1.0MΔ	5.0m	8.0u♦	4.0	5.0k	20u	12	150m	07		14LM30FX	FPØ
77♦	SFC2430G	15u♦	1.0MΔ	5.0m	8.0u♦	4.0	5.0k	20u	12	150m	07		14LM30GX	CN8e
78♦	MC1430F	15u♦	1.0MΔ	10m	4.0u♦	4.0	5.0k		12	150m	07		14LM30FX	TO91
79♦	MC1430G	15u♦	1.0MΔ	10m	4.0u♦	4.0	5.0k		12	150m	07		14LM30GX	CN8g
80	MC1430P	15u♦	1.0MΔ	10m	4.0u♦	4.0	5.0k		12	150m	07		14LM30ZX	TO116
81♦	906H	15u	70M	30m	10u	20	5k	300u	18.0 ±	600m	5A			DL14by
82♦	801S	16uL	10kΔ	7.0mL	2.0uL	16	25M	20uL	±16	192m	5C		8LM00HX	TO99
83	SN52702FA#1	20uL		6.0m	3.0uL	4.5 §	8.0k	5.0uL	18 §	120m	5C		7LM02HX	FP2t
84	SN52702J#1	20uL		6.0m	3.0uL	4.5 §	8.0k	5.0uL	18 §	120m	5C		7LM02HX	TO116
85	SN52702L#1	20uL		6.0m	3.0uL	4.5 §	8.0k	5.0uL	18 §	120m	5C		7LM02HX	TO99
86	SN52702N	20u		6.0m	3.0u	4.5 §	8.0k	10u	18 §	120m	5C		7LM02HX	DL14x
87	TL702ML	20u		6.0m	3.0u	4.5 §	8.0k	10u	18 §	120m	5C		7LM02HX	CN1k
88	SN52702BL	20u		7.5m	4.0u	4.5 §	10k	20u	18 §	120m	5C		7LM02HX	CN1
89	SN52702BN	20u		7.5m	4.0u	4.5 §	10k	20u	18 §	120m	5C		7LM02HX	TO116
90	SN52702BS	20u		7.5m	4.0u	4.5 §	10k	20u	18 §	120m	5C		7LM02HX	FP2s
91	SN72702FA	20uL		15m	7.5uL	4.5 §	6.0k	5.0uL	18 §	125m	07		7LM02HX	FP2t
92	TL702CL	20u		15m	7.5u	4.5 §	6.0k	5.0u	18 §	125m	07		7LM02HX	CN1k
93	CA3031-702A	20u	550kΔ	6.0m	3.0u	4.5 §	8.0k	10u	18 §	120m	5C		7LM02HX	TO99
94	CA3032-702C	20u	550kΔ	15m	7.5u	4.5 §	6.0k		8 §	125m	07		7LM02HX	TO99
95	RC702DN	20u	1.0M†	6.0m	3.0u	4.5 §	8.0k	10u	18 §	120m	07		7LM02HX	DL14ae
96	RC702DP	20u	1.0M†	6.0m	3.0u	4.5 §	8.0k	10u	18 §	120m	07		7LM02HX	DL14ae
97	RC702T	20u	1.0M†	6.0m	3.0u	4.5 §	8.0k	10u	18 §	120m	07		7LM02HX	TO99
98	RM702F	20u	1.0M†	6.0m	3.0u	4.5 §	8.0k	10u	18 §	120m	5C		7LM02HX	FP2g
99	RM702DC	20u	30M†	6.0m	3.0u	4.5 §	8.0k	10u	18 §	120m	5C		7LM02HX	DL14av
100♦	1302	25u	2.0kΔ	3.0m	3.0n	22	300k	10u♦	20.0 ±	900m	2A			
101	SL541A	25u♦	100M†	5.0m		10 Ø			18		58		5LM41ZX	TO5
102	HA2-2605-2	40u	12m†	7.0m	40n	22	40M		±15	120m	07		26LM00HX	TO99
103♦	MC1420F	40u♦	2.0M†	15m	200n♦	6.0 †	2.0M†	2.0u	12	240m	07	Gen Purp;Diff I/O	14LM20FX	TO91
104	MC1420G	40u♦	2.0M†	15m	200n♦	6.0 †	2.0M†	2.0u	12	240m	07	Gen Purp;Diff I/O	14LM20ZX	CN10m
105	CTS862	60u	10M	60m	15u	22	20k		±15	105m	56		8LM62ZX	CN8f
106	WM306Q	80u♦	500k†	10m		12	100k	5.0u♦	24	450m†	5C		3LM06ZX	TO86
107	PC250	300u♦	30kΔ	150m			100T	500u	24	100m†			2LM50ZX	FP7
108	PC251	300u♦	30kΔ	150m			100T	500u	24	100m†			2LM50ZX	FP7
109	RM4709A	600u	10k†	3.0m	.25u	16	350k	2.0u♦	±15	225m	5C		7LM09NX	DL14ae
110	RM709CQ	1.0m		4.0m	300n	16	50k	15u	±15	120m	5C		7LM09FX	FP2z

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	174CA	1.5m♦	1.0M	60m	300n♦	24 ⊠	100k	30u♦	±15	345m	07		1LM74ZX	TO73
2♦	174CL	1.5m♦	1.0M	60m	300n♦	24 ⊠	100k	30u♦	±15	345m	07		1LM74FX	TO86
3	LA208H	3.0m		3.0m	400p	28	30M	15u	±15	18m	28		1LM08HX	CN1c
4	SSS725EJ	100mL		600u	7.0nL	27	700k	2.0u	±15	120m	07		7LM25HX	TO99
5	SSS725EY	100mL		600u	7.0nL	27	700k	2.0u	±15	120m	07		7LM25NX	DL14q
6	CA3033A	200m♦	10k†	5.0m	25n♦	18 §	400k	6.6u	±18	420m	5C		30LM33ZX	DL14a
7♦	TOA2741WE	800m	100 Δ	7.5	300m	12.0 ±	300		15.0 ±	85	07	comp; nullable	7LMuiH	TO116
8	GEL741D2	1.5 L	1.0M	6.0m	500nL	24	300k		±15	85m	5C		7LM41HX	TO99

DUAL OP AMP

LINE No.	TYPE NUMBER	IIB MAX (A)	BW UNITY GAIN MIN (Hz)	VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	TOTAL VOLT (V)	PD MAX (W)	TEMP CODE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
12	RC101ACD					30			±15	90m	07		1LM01HX	DL14ae
13	RC101ACQ					30			±15	90m	07		1LM01HX	FP2k
14	RC101ACT					30			±15	90m	07		1LM01HX	TO99
15	RC1101ACD					30			±15	90m	07		1LM01HX	DL14ae
16	RC1101ACQ					30			±15	90m	07		1LM01HX	FP2k
17	RC1101ACT					30			±15	90m	07		1LM01HX	TO99
18	TBB1458GΔ			6.0m	200n	24	300k		±18		07		14LM58HX	MD6c
19	TLC25LBCD	1.0p†	100k†	2.0m	1.0p†	9.2		700n	10	725m	07	VDD 1V to 16V	14LM58HX	DL8cx
20	TLC25LACD	1.0p†	100k†	5.0m	1.0p†	9.2		700n	10	725m	07	VDD 1V to 16V	14LM58HX	DL8cx
21	TLC25N2BCD	1.0p†	700k†	2.0m	1.0p†	9.2		2.0u	10	725m	07	VDD 1V to 16V	14LM58HX	DL8cx
22	TLC25N2ACD	1.0p†	700k†	5.0m	1.0p†	9.2		2.0u	10	725m	07	VDD 1V to 16V	14LM58HX	DL8cx
23	TLC25N2CD	1.0p†	700k†	10m	1.0p†	9.2		2.0u	10	725m	07	VDD 1V to 16V	14LM58HX	DL8cx
24	1002MD	15p	1.0M†	20m	30m	20	1.0M†	75u	±15	180m	5A		10LM02DX	DL16v
25	MA406IP	150p	1.0M	2.0m	50p	30	1.0T†	20u	±18	122m†	28		14LM58HX	DL8ah
26	1002CD	175p	1.0M†	50m	60m	20	1.0M†	75u	±15	240m	07		10LM02DX	DL16v
27	uPC4072C	200p		10m	50p			10u	15 ±		07	J-FET	14LM58HX	DL8cr
28	HA17082GSA	200p	3.0M†	6.0m	100p	22	1.0T†		±15	625m	48		14LM58HX	DL8au
29	HA17082PSA	200p	3.0M†	6.0m	100p	22	1.0T†		±15	625m	27		14LM58HX	DL8au
30	OP215CP	300p	3.0M	4.0m	100p	20	1.0T†	5.0u	±15	300m	07		14LM58HX	
31	TL092IJG	0.4n♦		9m	0.2n♦	36	1.0T†		18 ±	1.1	48		14LM58HX	DL8v
32	TL092IP	0.4n♦		9m	0.2n♦	36	1.0T†		18 ±	1.0	48		14LM58HX	DL8p
33♦	TL287CL	400p♦	3.0M†	500u	100p♦	20	1.0T†	10u	15.0 ±	168m	07			
34♦	TL288CL	400p♦	3.0M†	3.0m	100p♦	20	1.0T	10u	15.0 ±	168m	07			
35	CA083BE	0.7n	5.0M†	5.0m	0.4n	24	1.5T†		±15	625m	07	composite FET input		MO001AB
36	CA083AE	1.0n	5.0M†	7.5m	0.6n	24	1.5T†		±15	625m	07	composite FET input		MO001AB
37	CA083E	2.0n	5.0M†	20m	1.0n	20	1.5T†		±15	625m	07	composite FET input		MO001AB
38	MLM108AF	3.0n		1.0m	400p	27	30M	5.0u	±20	24m	5C		1LM08HX	TO91
39	MLM108AG	3.0n		1.0m	400p	27	30M	5.0u	±20	24m	5C		1LM08HX	TO99
40	MLM108AL	3.0n		1.0m	400p	27	30M	5.0u	±20	24m	5C		1LM08HX	DL14ag
41	MLM108AU	3.0n		1.0m	400p	27	30M	5.0u	±20	24m	5C		1LM08HX	DL8s
42	MLM208AF	3.0n		1.0m	400p	27	30M	5.0u	±20	24m	28		1LM08HX	TO91
43	MLM208AG	3.0n		1.0m	400p	27	30M	5.0u	±20	24m	28		1LM08HX	TO99
44	MLM208AL	3.0n		1.0m	400p	27	30M	5.0u	±20	24m	28		1LM08HX	DL14ag
45	MLM208AU	3.0n		1.0m	400p	27	30M	5.0u	±20	24m	28		1LM08HX	DL8s
46	MLM108F	3.0n		3.0m	400p	27	30M	15u	±20	24m	5C		1LM08HX	TO91
47	MLM108G	3.0n		3.0m	400p	27	30M	15u	±20	24m	5C		1LM08HX	TO99
48	MLM108L	3.0n		3.0m	400p	27	30M	15u	±20	24m	5C		1LM08HX	DL14ag
49	MLM108U	3.0n		3.0m	400p	27	30M	15u	±20	24m	5C		1LM08HX	DL8s
50	MLM208F	3.0n		3.0m	400p	27	30M	15u	±20	24m	28		1LM08HX	TO91
51	MLM208G	3.0n		3.0m	400p	27	30M	15u	±20	24m	28		1LM08HX	TO99
52	MLM208L	3.0n		3.0m	400p	27	30M	15u	±20	24m	28		1LM08HX	DL14ag
53	MLM208U	3.0n		3.0m	400p	27	30M	15u	±20	24m	28		1LM08HX	DL8s
54	LH2108AF	3.0n	10 †	1.0m	400p	27	30M	5.0u	±20	24m	5C	Low Pwr; freq comp		FP28
55	LH2208AF	3.0n	10 †	1.0m	400p	27	30M	5.0u	±20	24m	28	Low Pwr; freq comp		FP28
56	SG208AF	3.0n	300k†	1.0m	400p	27		5.0u	±20	24m	28		1LM0NX	FP2v
57	SG208F	3.0n	300k†	3.0m	400p	27		15u	±20	24m	28		1LM0NX	FP2v
58	MC34022AG	4.0n	4.0	1.5	2.0n	22		5.0u	±15	150m	07		14LM58HX	CN1d
59	MC34022AP	4.0n	4.0	1.5	2.0n	22		5.0u	±15	150m	07		14LM58HX	DL8ac
60	MC34022AU	4.0n	4.0	1.5	2.0n	22		5.0u	±15	150m	07		14LM58HX	DL8s
61	uAF772ADC	4.0n	3.0M†	4.0m	2.0n	22	1.0T†	10u	±15	168m	07		7LM47JX	DL14br
62	uAF772AHC	4.0n	3.0M†	4.0m	2.0n	22	1.0T†	10u	±15	168m	07		14LM58HX	TO99
63	uAF772APC	4.0n	3.0M†	4.0m	2.0n	22	1.0T†	10u	±15	168m	07		7LM47JX	DL14bz
64	uAF772ARC	4.0n	3.0M†	4.0m	2.0n	22	1.0T†	10u	±15	168m	07		14LM58HX	DL8t
65	uAF772ATC	4.0n	3.0M†	4.0m	2.0n	22	1.0T†	10u	±15	168m	07		14LM58HX	DL8ag
66	uAF772BDC	4.0n	3.0M†	7.0m	2.0n	22	1.0T†	10u	±15	168m	07		7LM47JX	DL14br
67	uAF772BHC	4.0n	3.0M†	7.0m	2.0n	22	1.0T†	10u	±15	168m	07		14LM58HX	TO99
68	uAF772BPC	4.0n	3.0M†	7.0m	2.0n	22	1.0T†	10u	±15	168m	07		7LM47JX	DL14bz
69	uAF772BRC	4.0n	3.0M†	7.0m	2.0n	22	1.0T†	10u	±15	168m	07		14LM58HX	DL8t
70	uAF772BTC	4.0n	3.0M†	7.0m	2.0n	22	1.0T†	10u	±15	168m	07		14LM58HX	DL8ag
71	MC34003AG	4.0n	4.0M†	1.5m	2.0n	22	1.0T†	5.0u♦	±15	150m	07		14LM58HX	TO99
72	MC34003AP	4.0n	4.0M†	1.5m	2.0n	22	1.0T†	5.0u♦	±15	150m	07		14LM58HX	DL8d
73	MC34003AU	4.0n	4.0M†	1.5m	2.0n	22	1.0T†	5.0u♦	±15	150m	07		14LM58HX	DL8s
74	LF353AH	4.0n	4.0M†	4.0m	2.0n	22	1.0T†	10u	±15	168m	07		14LM58HX	CN1d
75	LF353AN	4.0n	4.0M†	4.0m	2.0n	22	1.0T†	10u	±15	168m	07		14LM58HX	DL8ah
76	LF354AN	4.0n	4.0M†	4.0m	2.0n	22	1.0T†	10u	±15	168m	07		7LM47JX	DL14ce
77	LF2355AJG	5.0n	2.5M†	2.3m	1.0n	22	1.0T†	5.0u	±15	240m	07		14LM58HX	DL8v
78	LF2355AL	5.0n	2.5M†	2.3m	1.0n	22	1.0T†	5.0u	±15	240m	07		14LM58HX	CN1k
79	LF2355AP	5.0n	2.5M†	2.3m	1.0n	22	1.0T†	5.0u	±15	240m	07		14LM58HX	DL8p
80	LF2255L	5.0n	2.5M†	6.5m	1.0n	22	1.0T†	5.0u	±15	240m	28		14LM58HX	CN1k
81	LF2255P	5.0n	2.5M†	6.5m	1.0n	22	1.0T†	5.0u	±15	240m	28		14LM58HX	DL8p
82	TL082ACL	5.0n	3.0M	7.5m	3.0n	24	1.0T	10u	±15	168m	06		14LM58HX	TO99
83	LF2356AJG	5.0n	4.0M†	2.3m	1.0n	22	1.0T†	5.0u	±15	420m	07		14LM58HX	DL8v
84	LF2356AL	5.0n	4.0M†	2.3m	1.0n	22	1.0T†	5.0u	±15	420m	07		14LM58HX	CN1k
85	LF2356AP	5.0n	4.0M†	2.3m	1.0n	22	1.0T†	5.0u	±15	420m	07		14LM58HX	DL8p
86	LF2256L	5.0n	4.5M†	6.5m	1.0n	22	1.0T†	5.0u	±15	420m	28		14LM58HX	CN1k
87	LF2256P	5.0n	4.5M†	6.5m	1.0n	22	1.0T†	5.0u	±15	420m	28		14LM58HX	DL8p
88	LF2357AJG	5.0n	15M	2.3m	1.0n	22	1.0T†	5.0u	±15	420m	07		14LM58HX	DL8v
89	LF2357AL	5.0n	15M	2.3m	1.0n	22	1.0T†	5.0u	±15	420m	07		14LM58HX	CN1k
90	LF2357AP	5.0n	15M	2.3m	1.0n	22	1.0T†	5.0u	±15	420m	07		14LM58HX	DL8p
91	LF2257JG	5.0n	20M†	6.5m	1.0n	22	1.0T†	5.0u	±15	420m	28		14LM58HX	DL8v
92	LF2257L	5.0n	20M†	6.5m	1.0n	22	1.0T†	5.0u	±15	420m	28		14LM58HX	CN1k
93	LF2257P	5.0n	20M†	6.5m	1.0n	22	1.0T†	5.0u	±15	420m	28		14LM58HX	DL8p
94	TL072BCL	7.0n	3.0M	5.0m	2.0n	24	1.0T†	10u	±15	150m	07		14LM58HX	CN1k
95	TL072ACL	7.0n	3.0M	7.5m	2.0n	24	1.0T†	10u	±15	150m	07		14LM58HX	CN1k
96	TL072CL	7.0n	3.0M	13m	2.0n	20	1.0T†	10u	±15	150m	07		14LM58HX	CN1k
97	MC34022BG	8.0n	4.0	2.0	4.0n	22		5.0u	±15	150m	07		14LM58HX	CN1d
98	MC34022BP	8.0n	4.0	2.0	4.0n	22		5.0u	±15	150m	07		14LM58HX	DL8ac
99	MC34022BU	8.0n	4.0	2.0	4.0n	22		5.0u	±15	150m	07		14LM58HX	DL8s
100	MC34022G	8.0n	4.0	3.0	4.0n	22		5.0u	±15	162m	07		14LM58HX	CN1d
101	MC34022P	8.0n	4.0	3.0	4.0n	22		5.0u	±15	162m	07		14LM58HX	DL8ac
102	MC34022U	8.0n	4.0	3.0	4.0n	22		5.0u	±15	162m	07		14LM58HX	DL8s
103	LF2355JG	8.0n	2.5M†	13m	2.0n	20	1.0T†	5.0u	±15	240m	07		14LM58HX	DL8v
104	LF2355L	8.0n	2.5M†	13m	2.0n	20	1.0T†	5.0u	±15	240m	07		14LM58HX	CN1k
105	LF2355P	8.0n	2.5M†	13m	2.0n	20	1.0T†	5.0u	±15	240m	07		14LM58HX	DL8p
106	uAF772DC	8.0n	3.0M†	13m	4.0n	22	1.0T†	10u	±15	168m	07		7LM47JX	DL14br
107	uAF772HC	8.0n	3.0M†	13m	4.0n	22	1.0T†	10u	±15	168m	07		14LM58HX	TO99
108	uAF772PC	8.0n	3.0M†	13m	4.0n	22	1.0T†	10u	±15	168m	07		7LM47JX	DL14bz
109	uAF772RC	8.0n	3.0M†	13m	4.0n	22	1.0T†	10u	±15	168m	07		14LM58HX	DL8t
110	uAF772TC	8.0n	3.0M†	13m	4.0n	22	1.0T†	10u	±15	168m	07		14LM58HX	DL8ag

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TC EO MD PE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	uAF772LDC	8.0n	3.0M†	20m	4.0n	22	1.0T†	10u	±15	168m	07		7LM47JX	DL14br
2	uAF772LHC	8.0n	3.0M†	20m	4.0n	22	1.0T†	10u	±15	168m	07		14LM58HX	TO99
3	uAF772LPC	8.0n	3.0M†	20m	4.0n	22	1.0T†	10u	±15	168m	07		7LM47JX	DL14bz
4	uAF772LRC	8.0n	3.0M†	20m	4.0n	22	1.0T†	10u	±15	168m	07		14LM58HX	DL8t
5	uAF772LTC	8.0n	3.0M†	20m	4.0n	22	1.0T†	10u	±15	168m	07		14LM58HX	DL8ag
6	MC34003BG	8.0n	4.0M†	2.0m	4.0n	22	1.0T†	5.0u♦	±15	150m	07		14LM58HX	TO99
7	MC34003BP	8.0n	4.0M†	2.0m	4.0n	22	1.0T†	5.0u♦	±15	150m	07		14LM58HX	DL8d
8	MC34003BU	8.0n	4.0M†	2.0m	4.0n	22	1.0T†	5.0u♦	±15	150m	07		14LM58HX	DL8s
9	MC34003G	8.0n	4.0M†	3.0m	4.0n	22	1.0T†	5.0u♦	±15	162m	07		14LM58HX	TO99
10	MC34003P	8.0n	4.0M†	3.0m	4.0n	22	1.0T†	5.0u♦	±15	162m	07		14LM58HX	DL8d
11	MC34003U	8.0n	4.0M†	3.0m	4.0n	22	1.0T†	5.0u♦	±15	162m	07		14LM58HX	DL8s
12	LF353BH	8.0n	4.0M†	7.0m	4.0n	22	1.0T†	10u	±15	168m	07		14LM58HX	CN1d
13	LF353BN	8.0n	4.0M†	7.0m	4.0n	22	1.0T†	10u	±15	168m	07		14LM58HX	DL8ah
14	LF354BN	8.0n	4.0M†	7.0m	4.0n	22	1.0T†	10u	±15	168m	07		7LM47JX	DL14ce
15	LF354N	8.0n	4.0M†	13m	4.0n	22	1.0T†	10u	±15	195m	07		7LM47JX	DL14ce
16	LF2356JG	8.0n	4.5M†	13m	2.0n	20	1.0T†	5.0u	±15	600m	07		14LM58HX	DL8v
17	LF2356L	8.0n	4.5M†	13m	2.0n	20	1.0T†	5.0u	±15	600m	07		14LM58HX	CN1k
18	LF2357JG	8.0n	20M†	13m	2.0n	20	1.0T†	5.0u	±15	600m	07		14LM58HX	DL8v
19	LF2357L	8.0n	20M†	13m	2.0n	20	1.0T†	5.0u	±15	600m	07		14LM58HX	CN1k
20	LF2357P	8.0n	20M†	13m	2.0n	20	1.0T†	5.0u	±15	600m	07		14LM58HX	DL8p
21	MLM308AF	10n		730u	1.5n	27	10M	5.0u	±15	24m	07		1LM08HX	TO91
22	MLM308AG	10n		730u	1.5n	27	10M	5.0u	±15	24m	07		1LM08HX	TO99
23	MLM308AL	10n		730u	1.5n	27	10M	5.0u	±15	24m	07		1LM08HX	DL14ag
24	MLM308AU	10n		730u	1.5n	27	10M	5.0u	±15	24m	07		1LM08HX	DL8s
25	MLM308F	10n		10m	1.5n	27	10M	30u	±15	24m	07		1LM08HX	TO91
26	MLM308G	10n		10m	1.5n	27	10M	30u	±15	24m	07		1LM08HX	TO99
27	MLM308L	10n		10m	1.5n	27	10M	30u	±15	24m	07		1LM08HX	DL14ag
28	MLM308P1	10n		10m	1.5n	27	10M	30u	±15	24m	07		1LM08HX	DL8d
29	MLM308U	10n		10m	1.5n	27	10M	30u	±15	24m	07		1LM08HX	DL8s
30	LH2308AF	10n	10 †	730u	1.5n	28	10M	5.0u	±15	24m	07	Low Pwr; freq comp		FP28
31	TL082CL	10n	3.0M	20m	5.0n	20	1.0T	10u	±15	168m	06		14LM58HX	TO99
32	TL072IL	20n	3.0M	9.0m	10n	24	1.0T†	10u	±15	150m	28		14LM58HX	CN1k
33	TL082IL	20n	3.0M	9.0m	10n	24	1.0T	10u	±15	168m	28		14LM58HX	TO99
34	AM1660HC	25n		10m	4.0n	27	4.0M	30u	±15	22m	07		1LM08HX	TO99
35	OP220AY	25n	150k†	300u	2.0n	28		1.0u	±15	500m	5C		7LM47JX	
36	OP220EY	25n	150k†	300u	2.0n	28		1.0u	±15	500m	28		14LM58HX	
37	OP220BY	25n	150k†	500u	2.5n	28		1.5u	±15	500m	5C		14LM58HX	
38	OP220FY	25n	150k†	500u	2.5n	28		1.5u	±15	500m	28		14LM58HX	
39	LF2155AJG	25n	2.5M†	2.5m	10n	22	1.0T†	5.0u	±15	240m	5C		14LM58HX	DL8v
40	LF2155AL	25n	2.5M†	2.5m	10n	22	1.0T†	5.0u	±15	240m	5C		14LM58HX	CN1k
41	LF2155AP	25n	2.5M∆	2.5m	10n	11 ±	10T†		15 ±	670m	5C		14LM58HX	DL8p
42	TL082AML	25n	3.0M	5.0m	10n	24	1.0T	10u	±15	168m	5C		14LM58HX	TO99
43	LF2156AJG	25n	4.0M	2.5m	10n	22	1.0T†	5.0u	±15	420m	5C		14LM58HX	DL8v
44	LF2156AL	25n	4.0M	2.5m	10n	22	1.0T†	5.0u	±15	420m	5C		14LM58HX	CN1k
45	LF2156AP	25n	4.5M∆	2.5m	10n	11 ±	10T†		15 ±	670m	5C		14LM58HX	DL8p
46	LF2157AJG	25n	15M	2.5m	10n	22	1.0T†	5.0u	±15	420m	5C		14LM58HX	DL8v
47	LF2157AL	25n	15M	2.5m	10n	22	1.0T†	5.0u	±15	420m	5C		14LM58HX	CN1k
48	LF2157AP	25n	15M	2.5m	10n	22	1.0T†	5.0u	±15	420m	5C		14LM58HX	DL8p
49	RM1101AD	30n♦		3.0m		30	4.0M†		±15	90m	5C		1LM01HX	DL14ae
50	RM1101AQ	30n♦		3.0m		30	4.0M†		±15	90m	5C		1LM01HX	FP2k
51	RM1101AT	30n♦		3.0m		30	4.0M†		±15	90m	5C		1LM01HX	TO99
52	OP220CY	40n	150k†	1.3m	5.0n	28		3.0u	±15	500m	5C		14LM58NX	DL14⊠
53	OP220GY	40n	150k†	1.3m	5.0n	28		3.0u	±15	500m	28		7LM47JX	
54	OP220HY	40n	150k†	1.3m	5.0n	28		3.0u	±15	500m	28		14LM58HX	
55♦	OP03N	50n♦		.75m	5.0n♦				15.0 ±	170m	6F		14LM58HX	CH55
56	MC35022AG	50n	4.0	1.5	20n	22		5.0u	±15	150m	5C		14LM58HX	CN1d
57	MC35022AU	50n	4.0	1.5	20n	22		5.0u	±15	150m	5C		14LM58HX	DL8s
58	MC35022BG	50n	4.0	2.0	40n	22		5.0u	±15	150m	5C		14LM58HX	CN1d
59	MC35022BU	50n	4.0	2.0	40n	22		5.0u	±15	150m	5C		14LM58HX	DL8s
60	LF2155JG	50n	2.5M†	7.0m	20n	22	1.0T†	5.0u	±15	240m	5C		14LM58HX	DL8v
61	LF2155L	50n	2.5M†	7.0m	20n	22	1.0T†	5.0u	±15	240m	5C		14LM58HX	CN1k
62	LF2155P	50n	2.5M∆	7m	20n	11 ±	10T†		15 ±	670m	5C		14LM58HX	DL8p
63	TL072AML	50n	3.0M	5.0m	20n	24	1.0T†	10u	±15	150m	5C		14LM58HX	CN1k
64	uAF772ADM	50n	3.0M†	5.0m	20n	22	1.0T†	10u	±15	168m	5C		7LM47JX	DL14br
65	uAF772AHM	50n	3.0M†	5.0m	20n	22	1.0T†	10u	±15	168m	5C		14LM58HX	TO99
66	uAF772ARM	50n	3.0M†	5.0m	20n	22	1.0T†	10u	±15	168m	5C		14LM58HX	DL8t
67	uAF772BDM	50n	3.0M†	8.0m	20n	22	1.0T†	10u	±15	168m	5C		7LM47JX	DL14br
68	uAF772BHM	50n	3.0M†	8.0m	20n	22	1.0T†	10u	±15	168m	5C		14LM58HX	TO99
69	uAF772BRM	50n	3.0M†	8.0m	20n	22	1.0T†	10u	±15	168m	5C		14LM58HX	DL8t
70	TL082ML	50n	3.0M	9.0m	20n	24	1.0T	10u	±15	168m	5C		14LM58HX	TO99
71	L120	50n	3.0M	200m		30	200G†		±15	195m	5C		1LM20ZX	TO100
72	MC35003AG	50n	4.0M†	1.5m	20n	22	1.0T†	5.0u♦	±15	150m	5C		14LM58HX	TO99
73	MC35003AU	50n	4.0M†	1.5m	20n	22	1.0T†	5.0u♦	±15	150m	5C		14LM58HX	DL8s
74	MC35003BG	50n	4.0M†	2.0m	40n	22	1.0T†	5.0u♦	±15	150m	5C		14LM58HX	TO99
75	MC35003BU	50n	4.0M†	2.0m	40n	22	1.0T†	5.0u♦	±15	150m	5C		14LM58HX	DL8s
76	LF2156JG	50n	4.5M†	7.0m	20n	22	1.0T†	5.0u	±15	420m	5C		14LM58HX	DL8v
77	LF2156L	50n	4.5M†	7.0m	20n	22	1.0T†	5.0u	±15	420m	5C		14LM58HX	CN1k
78	LF2156P	50n	4.5M∆	7m	20n	11 ±	10T†		15 ±	670m	5C		14LM58HX	DL8p
79♦	L120A	50n	10M	200m	50n	30	200G†		15 §	98m	5C		1LM20ZX	TO100
80	LF2157JG	50n	20M†	7.0m	20n	22	1.0T†	5.0u	±15	420m	5C		14LM58HX	DL8v
81	LF2157L	50n	20M†	7.0m	20n	22	1.0T†	5.0u	±15	420m	5C		14LM58HX	CN1k
82	LF2157P	50n	20M†	7.0m	20n	22	1.0T†	5.0u	±15	420m	5C		14LM58HX	DL8p
83	OP03AK	60n	800k	1.5m	5.0n	26 †	3.8M	8.0u	±15	60m	5C		7LM47HX	TO100
84	OP03AY	60n	800k	1.5m	5.0n	26 †	3.8M	8.0u	±15	60m	5C		7LM47JX	DL14r
85	OP03EK	60n	800k	1.5m	4.0n	26 †	3.8M	8.0u	±15	60m	07		7LM47HX	TO100
86	OP03EY	60n	800k	1.5m	4.0n	26 †	3.8M	8.0u	±15	60m	07		7LM47JX	DL14r
87	AD101AD	75n♦		2.0m	10n♦		1.5M		±20	500m	5C		1LM01HX	DL14bf
88	AD101AF⊠	75n♦		2.0m	10n♦		1.5M		±20	500m	5C		1LM01HX	FP37
89	AD101AP	75n♦		2.0m	10n♦		1.5M		±20	500m	5C		1LM01HX	8-34
90	AD101AT	75n♦		2.0m	10n♦		1.5M		±20	500n	5C		1LM01HX	TO5
91♦	OP03G	75n♦		2.0m	5.0n♦				15.0 ±	170m	6F		14LM58HX	CH55
92♦	ULS2157A	75n	8.0k∆	5.0m	15n	24	1.5M	3.0u♦	15.0 ±	85m	5C		21LM57NX	DL14h
93♦	ULS2157K	75n	8.0k∆	5.0m	15n	24	1.5M	3.0u♦	15.0 ±	85m	5C		21LM57HX	CN⊠
94	ID4101A	75n	500k	2.0m	10n	30	1.5M	15u	±20	120m	5C		1LM01HX	TO99
95	T7747AV	90n		6.0m	30n	24	3.0M		±15	85m	5C		7LM47JX	TO100
96	T7747J	90n		6.0m	30n	24	3.0M		±15	85m	5C		7LM47JX	TO116
97	T7747V	90n		6.0m	30n	24	3.0M		±15	85m	5C		7LM47JX	TO99
98	T8747AV	90n		7.5m	30n	24	1.0M		±15	85m	07		7LM47JX	TO100
99	T8747J	90n		7.5m	30n	24	1.0M		±15	85m	07		7LM47JX	TO116
100	T8747V	90n		7.5m	30n	24	1.0M		±15	85m	07		7LM47JX	TO99
101	AMSSS747K	100n		3.0m	10n	30	2.0M		±15	85m	5C		7LM47JX	TO100
102	AMSSS747M	100n		3.0m	10n	30	2.0M		±15	85m	5C		7LM47JX	FP29
103	AMSSS747P	100n		3.0m	10n	30	2.0M		±15	85m	5C		7LM47JX	DL14m
104	HA2A2101A	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01HX	TO99
105	HA2A2201A	100n		3.0m	20n	30	1.5M	15u	±20	120m	28		1LM01HX	TO99
106	HA9W2101A	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01HX	TO91
107	HA9W2201A	100n		3.0m	20n	30	1.5M	15u	±15	120m	28		1LM01HX	TO91
108	RM4101AD	100n		3.0m	20n	30	4.0M†	15u	±15	90m	5C		1LM01HX	DL14ae
109	RM4101AQ	100n		3.0m	20n	30	4.0M†	15u	±15	90m	5C		1LM01HX	FP2k
110	RM4101AT	100n		3.0m	20n	30	4.0M†	15u	±15	90m	5C		1LM01HX	TO99

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (±V)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	S51A1A	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01HX	DL14ao
2	S51A1T	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01HX	CN1g
3	SSS747K	100n		3.0m	10n	24	2.0M		±20	85m	5C		7LM47HX	TO100
4	SSS747M	100n		3.0m	10n	24			±20	85m	5C		7LM47HX	FP6m
5	SSS747Y	100n		3.0m	10n	24			±20	85m	5C		7LM47HX	DL14q
6	uA101ADM	100n		3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01HX	DL14br
7	uA201ADM	100n		3.0m	20n	30	1.5M	15u	±20	120m	28		1LM01HX	DL14br
8	uA201AFM	100n		3.0m	20n	30	1.5M	15u	±20	120m	28		1LM01HX	FP2w
9	CA158AG	100n		4.0m	30n	28		15u	5.0 §	180m	5C		14LM58HX	DL8ad
10	SSS747BK	100n		4.0m	10n	24	2.0M		±20	85m	28		7LM47HX	TO100
11	SSS747BM	100n		4.0m	10n	24	2.0M		±20	85m	28		7LM47HX	FP6m
12	SSS747BY	100n		4.0m	10n	24	2.0M		±20	85m	28		7LM47HX	DL14q
13	UC4101A	100n	500k	3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01HX	TO99
14	UC4101AD	100n	500k	3.0m	20n	30	1.5M	15u	±20	120m	5C		1LM01HX	DL14ae
15	OP03CK	100n	800k	3.0m	10n	26 †	2.3M	10u	±15	90m	07		7LM47HX	TO100
16	OP03CY	100n	800k	3.0m	10n	26 †	2.3M	10u	±15	90m	07		7LM47JX	DL14r
17	OP03K	100n	800k	3.0m	10n	26 †	2.3M	10u	±15	90m	5C		7LM47HX	TO100
18	OP03Y	100n	800k	3.0m	10n	26 †	2.3M	10u	±15	90m	5C		7LM47JX	DL14r
19	MA325	100n♦	5.0M	5.0m	30n♦	26	3.0M	10u	±15	90m	57	matched dual		DL8ah
20	AMSSS747CK	150n		6.0m	50n	12 ±	1.0M		15 ±	500m	07		7LM47HX	TO100
21	AMSSS747CP	150n		6.0m	50n	24	1.0M		±15	85m	07		7LM47JX	DL14m
22	SSS747CM	150n	1.0M†	6.0m	50n	24	1.0M	15u	±15	75m	07		7LM47FX	TO86
23	CA358AG	200n		5.0m	75n	28		20u	5.0 §	180m	5C		14LM58HX	DL8ad
24	SSS747CK	200n		6.0m	50n	24	1.0M		±15	85m	07		7LM47HX	TO100
25	SSS747CY	200n		6.0m	50n	24	1.0M		±15	85m	07		7LM47HX	DL14q
26	SSS747GK	200n		6.0m	50n	24	1.0M		±15	85m	5C		7LM47HX	TO100
27	SSS747GM	200n		6.0m	50n	24	1.0M		±15	85m	5C		7LM47HX	FP6m
28	SSS747GY	200n		6.0m	50n	24	1.0M		±15	85m	5C		7LM47HX	DL14q
29	SSS1458J	200n		6.0m	50n	24	1.0M		±15	85m	07		14LM58HX	TO99
30	SSS1558J	200n		6.0m	50n	24	1.0M		±15	85m	5C		14LM58HX	TO99
31♦	HA2-2650	200n	30kΔ	5.0m	60n	26	5.0M	8.0u	±15	90m	5C		26LM50NX	TO99
32	OP03BK	200n	800k	6.0m	50n	26 †	1.0M	20u	±15	90m	5C		7LM47HX	TO100
33	OP03BY	200n	800k	6.0m	50n	26 †	1.0M	20u	±15	90m	5C		7LM47JX	DL14r
34	OP03DK	200n	800k	6.0m	50n	26 †	1.0M	20u	±15	90m	07		7LM47HX	TO100
35	OP03DY	200n	800k	6.0m	50n	26 †	1.0M	20u	±15	90m	07		7LM47JX	DL14r
36	MA208	200n	4.0M	15m	100n	5.0		30u	18	1.3	07		2LM08JX	
37	LM747-1AD	210n	437k	4.0m	70n	30 ⊠	1.0M	15u	±20	150m	5C		7LM47JX	DL14cc
38	LM747-1AH	210n	437k	4.0m	70n	30 ⊠	1.0M	15u	±20	150m	5C		7LM47JX	CN10r
39	LM747-1AJ	210n	437k	4.0m	70n	30 ⊠	1.0M	15u	±20	150m	5C		7LM47JX	DL14cd
40	LM747-1ED	210n	437k	4.0m	70n	30 ⊠	1.0M	15u	±20	150m	07		7LM47JX	DL14cc
41	LM747-1EH	210n	437k	4.0m	70n	30 ⊠	1.0M	15u	±20	150m	07		7LM47JX	CN10r
42	LM747-1EJ	210n	437k	4.0m	70n	30 ⊠	1.0M	15u	±20	150m	07		7LM47JX	DL14cd
43	LM747-1EN	210n	437k	4.0m	70n	30 ⊠	1.0M	15u	±20	150m	07		7LM47JX	DL14ce
44	AD301AD	250n♦		7.5m	50n♦		0.5M		±15	500m	07		1LM01HX	DL14bf
45	AD301AF	250n♦		7.5m	50n♦		0.5M		±15	500m	07		1LM01HX	FP37
46	AD301AP	250n♦		7.5m	50n♦		0.5M		±15	500m	07		1LM01HX	DL8ax
47	AD301AT	250n♦		7.5m	50n♦		0.5M		±15	500m	07		1LM01HX	TO5
48	ID4301A	250n♦	500k	7.5m	50n♦	24	500k†		±15	90m	07		1LM01HX	
49	TL022ML	250n	800k†	6.0m	100n	24			±15	6.0m	5C		14LM58HX	CN1k
50	JANM38510/10102AAA	265n		4.0m	70n	40 ⊠		15u	±20	228m	5C		7LM47JX	FP24d
51	JANM38510/10102AAC	265n		4.0m	70n	40 ⊠		15u	±20	228m	5C		7LM47JX	FP24d
52	JANM38510/10102ACA	265n		4.0m	70n	40 ⊠		15u	±20	228m	5C		7LM47JX	DL14bb
53	JANM38510/10102ACC	265n		4.0m	70n	40 ⊠		15u	±20	228m	5C		7LM47JX	DL14bb
54	JANM38510/10102AIA	265n		4.0m	70n	40 ⊠		15u	±20	228m	5C		7LM47HX	CN10e
55	JANM38510/10102AIC	265n		4.0m	70n	40 ⊠		15u	±20	228m	5C		7LM47HX	CN10e
56	CA258G	300n		7.0n	100n	28		7.0u	5.0 §	180m	5C		14LM58HX	DL8ad
57	MT207	300n		6.0m	30n	30	500k	20u	±20	120m	28		1LM01HX	CN1c
58	RC4101AQ	300n		6.0m	30u	30	500k	20u	±15	90m	07		1LM01HX	FP2k
59	RC4101AT	300n		6.0m	30n	30	500k	20u	±15	90m	07		1LM01HX	TO99
60	CA158G	300n		7.0m	100n	28		7.0u	5.0 §	180m	5C		14LM58HX	DL8ad
61	LM158L	300n		7.0m	100n	3.5		7.0u	5.0	6.0m	5C		14LM58HX	CN1k
62	HA2A2301A	300n		10m	70n	24	500k	30u	±15	90m	07		1LM01HX	TO99
63	HA9W2301A	300n		10m	70n	24	500k	30u	±15	90m	07		1LM01HX	TO91
64	N53A1A	300n		10m	70n	24	500k	30u	±15	90m	07		1LM01HX	DL14ao
65	N53A1T	300n		10m	70n	24	500k	30u	±15	90m	07		1LM01HX	CN1g
66	N53A1V	300n		10m	70n	24	500k	30u	±15	90m	07		1LM01HX	DL8k
67	uA301ADC	300n		10m	70n	24	500k	30u	±15	90m	07		1LM01HX	DL14br
68	UC4201A	300n	500k	6.0m	30n	30	500k	20u	±20	120m	07		1LM01HX	TO99
69	UC4301A	300n	500k	10m	70n	24	500k	30u	±15	90m	07		1LM01HX	TO99
70	749BH	300n†	1.0M	1.0m†	50n†	30 ⊠	150k†	3.0u	±15	180m	5C		7LM49NX	FPØ
71	749BN	300n†	1.0M	1.0m†	50n†	30 ⊠	150k†	3.0u	±15	180m	5C		7LM49NX	TO99
72	749CN	300n†	1.0M	1.0m†	50n†	30 ⊠	150k†	3.0u	±15	180m	07		7LM49NX	TO116
73♦	uA798HM	300n	1.0M†	6.0m	200n	28	300k	10u	±15	90m	5C		14LM58HX	CN1d
74♦	LM158H⊠	300n	1.0M	7.0m	100n	3.5		7.0u	5.0 §	6.0m	5C		14LM58HX	CN1d
75♦	ULN2157A	350n	6.0kΔ	6.5m	50n	22	400k	6.0u♦	15.0 ±	85m	59		21LM57NX	DL14h
76♦	ULN2157K	350n	6.0kΔ	6.5m	50n	22	400k	6.0u♦	15.0 ±	85m	59		21LM57HX	CNØ
77♦	uA798HC	400n	1.0M†	7.5m	200n	28	300k	10u	±15	120m	07		14LM58HX	CN1d
78	HA17458M	500n		6.0m	200n	24	300k		±15	670m	27		14LM58HX	TO99
79	uA747PC⊠	500n		6.0m	200n		.30M		15 ±	670m	07		7LM47JX	DL14ce
80	CA358G	500n		9.0m	150n	28		7.0u	5.0 §	180m	5C		14LM58HX	DL8ad
81	LM258L	500n		9.0m	150n	3.5		7.0u	5.0	6.0m	28		14LM58HX	CN1k
82	LM358L	500n		9.0m	150n	3.5		7.0u	5.0	6.0m	07		14LM58HX	CN1k
83	CA2904G	500n		10m	200n	28		7.0u	5.0 §	180m	5C		14LM58HX	DL8ad
84	LM2904L	500n♦		10m	50n♦	3.5			5.0	6.0m	48		14LM58HX	CN1k
85	HA17747M	500n		6.0	200n	24	300k		±15	500m	27		7LM47HX	TO100
86♦	uA747	500n	1.0m	6.0m	20n				15.0 ±	90m	5C		7LM47HX	CN1g
87	747BN	500n	14k†	6.0m	200n	30	300k	15u	±15	170m	5C		7LM47HX	
88♦	VA6A74731	500n	1.0MΔ	5.0m	200n	24	300k		±15	85m	5C		7LM47JX	14-10
89	VA6T74139	500n	1.0MΔ	5.0m	200n	24	300k		±15	85m	07		7LM47JX	DL8a
90	CA747G	500n♦	1.0M†	6.0m	200n♦	24	300k		±15	170m	5C		7LM47FX	MO001AB
91	CA1558G	500n♦	1.0M†	6.0m	200n♦	24	300k		±15	170m	5C		14LM58HX	DL8ad
92♦	VA6A74739	500n	1.0MΔ	6.0m	200n	24	300k		±15	85m	07		7LM47JX	14-10
93	MC4558	500n♦	2.5M	6.0m	200n♦	24	300k		±15	150m	5C		14LM58HX	CN1d
94	MC4558NCG	500n♦	2.5M	6.0m	200n♦	24	300k		±15	150m	07		14LM58HX	CN1d
95	MC4558NCP1	500n♦	2.5M	6.0m	200n♦	24	300k		±15	150m	07		14LM58HX	DL8e
96	MC4558NCU	500n♦	2.5M	6.0m	200n♦	24	300k		±15	150m	07		14LM58HX	DL8s
97	MC4558NG	500n♦	2.5M	6.0m	200n♦	24	300k		±15	150m	5C		14LM58HX	CN1d
98	MC4558NU	500n♦	2.5M	6.0m	200n♦	24	300k		±15	150m	5C		14LM58HX	DL8s
99	CA1558F	800n		6.0m	500n	24	300k		±15	85m	5C		14LM58HX	DL8u
100	747CE	800n		7.5m	300n	24	300k		±15	85m	07		7LM47HX	TO96
101	747CJ	800n		7.5m	300n	24	300k		±15	85m	07		7LM47JX	DL8b
102	AM747DC	800n		7.5m	300n	24	300k		±15	85m	07		7LM47JX	DL14m
103	AM747HC	800n		7.5m	300n	24	300k		±15	85m	07		7LM47JX	TO100
104	CA747CF	800n		7.5m	300n	24	300k		±15	85m	5C		7LM47FX	MO001AB
105	CA747CHG	800n		7.5m	300n	24	300k		±15	84m	07		7LM47HX	CHØ
106	CA1458F	800n		7.5m	300n	24	300k		±15	85m	07		14LM58HX	DL8u
107	LM747-1CD	800n		7.5m	300n	24	300k		±15	85m	07		7LM47JX	DL14cc
108	LM747-1CH	800n		7.5m	300n	24	300k		±15	85m	07		7LM47JX	CN10r
109	LM747-1CJ	800n		7.5m	300n	24	300k		±15	85m	07		7LM47JX	DL14cd
110	LM747-1CN	800n		7.5m	300n	24	300k		±15	85m	07		7LM47JX	DL14ce

LINE No.	4 TYPE NUMBER	1 IIB MAX (A)	2 BW UNITY GAIN MIN (Hz)	3 VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1	LM747CD	800n		7.5m	300n	24	300k		±15	85m	07		7LM47FX	DL14bv
2	LM747CF	800n		7.5m	300n	24	300k		±15	85m	07		7LM47FX	FP29a
3	LM1458-14	800n		7.5m	300n	24	300k		±15	168m	07		14LM58NX	DL14z
4	MB3607K	800n		7.5m	300n	24	300k		±15	170m	07		36LM07ZX	TO78
5	MB3608K	800n		7.5m	300n	24	300k		±15	170m	07		36LM08ZX	CN27a
6♦	MSN5558	800n		7.5m	300n	24	300k		±15	800m	5C		14LM58FX	TO90
7	PM747CK	800n		7.5m	300n	24	300k		±15	85m	07		7LM47HX	TO100
8♦	PM1448Z	0.8u		7.5m	0.3u		0.3M		±15	500m	07		14LM58HX	
9	PM1458J	800n		7.5m	300n	24	300k		±15	170m	07		14LM58HX	TO99
10	SN72747FA	800n		7.5m	300m	24	300k		±15	85m	07		7LM47JX	FP22
11	T2747AV	800n		7.5m	300n	24	300k		±15	85m	07		7LM47JX	TO100
12	T2747J	800n		7.5m	300n	24	300k		±15	85m	07		7LM47JX	TO116
13	T2747V	800n		7.5m	300n	24	300k		±15	85m	07		7LM47JX	TO99
14	TBB0747	800n		7.5m	300n	24	300k		±15	85m	07		7LM47HX	CN72
15	TBB0747A	800n		7.5m	300n	24	300k		±15	85m	07		7LM47JX	DL14ab
16	uA747-7A-393	800n		7.5m	300n	24	300k		±15	85m	07		7LM47JX	DL14i
17♦	uA747IDC	800n		7.5m	300n	24	300k		±15	85m	07		7LM47JX	DL14i
18♦	uA747IHC	800n		7.5m	300n	24	300k		±15	85m	07		7LM47HX	TO100
19	ULN2747A	800n		7.5m	300n	24	300k		±15	85m	07		7LM47JX	DL14h
20♦	TBC1458	800n	14k†	6.0m	300n	24	300k	15u	15.0 ±	170m	5C		14LM58HX	TO99
21	1458E	800n	14k†	7.5m	300n	24	300k	15u	±15	170m	07		14LM58NX	TO99
22	1458P	800n	14k†	7.5m	300n	24	300k	15u	±15	170m	07		14LM58NX	DL8af
23	MC1458L	800n	14k†	7.5m	300n	24	300k	15u	±15	170m	07		14LM58NX	TO116
24	MC1458P2	800n	14k†	7.5m	300n	24	300k	15u	±15	170m	07		14LM58HX	DL14s
25	MC1458SL	800n	150kΔ	7.5m	300n	24	300k		±15	170m	07		14LM58NX	DL14ag
26	UC4747C	800n	700k	7.5m	300n	24	300k		±15	85m	07		7LM47JX	DL14ae
27	MC1747CF	800n	800k	7.5m	500n	24			±15	85m	07		7LM47FX	TO86
28♦	SG747CJ	800n	800k†	7.5m	300n	30 ☒	300k		±15	168m	07		7LM47JX	TO116
29♦	SG747CN	800n	800k†	7.5m	300n	30 ☒	300k		±15	168m	07		7LM47JX	DL14u
30♦	SG747CT	800n	800k†	7.5m	300n	30 ☒	300k		±15	168m	07		7LM47HX	TO100
31♦	747CN	800n	1.0M	7.5m	300n	24	300k		±15	85m	0A		7LM47JX	TO116
32	CA747CG	800n	1.0M†	7.5m	300n	24	300k		±15	170m	07		7LM47FX	MO001AB
33	CA1458G	800n	1.0M†	7.5m	300n	24	300k		±15	170m	07		14LM58HX	DL8ad
34	MA747CL	800n	1.0M†	7.5m	300n	24	300k		±15	85m	07		7LM47JX	TO100
35	MC1458NG	800n	1.1M†	7.5m	300n	24	300k		±15	170m	07		14LM58HX	TO99
36	MC1458NL	800n	1.1M†	7.5m	300n	24	300k		±15	170m	07		14LM58NX	TO116
37	MC1458NP1	800n	1.1M†	7.5m	300n	24	300k		±15	170m	07		14LM58HX	DL8ac
38	MC1458NP2	800n	1.1M†	7.5m	300n	24	300k		±15	170m	07		14LM58NX	DL14az
39	MC1458NU	800n	1.1M†	7.5m	300n	24	300k		±15	170m	07		14LM58HX	DL8s
40♦	VA5B145831	800n	1.1M†	7.5m	300n	24	300k		±15	170m	5C		14LM58HX	TO99
41♦	VA5B145839	800n	1.1M†	7.5m	300n	24	300k		±15	170m	5C		14LM58HX	TO99
42	RC4558L	800n	3.0M†	7.5m	300n	24	300k		±15	170m	07		14LM58HX	CN1k
43	uA4558AHM	800n	3.0M	7.5m	30n	24	300k		±15	170m	5C		14LM58HX	CN1d
44	uA4558HC	800n	3.0M†	7.5m	300n	24	300k		±15	170m	07		14LM58HX	TO99
45	uA4558RC	800n	3.0M†	7.5m	500n	24	300k		±15	170m	07		14LM58HX	DL8t
46	uA4558TC	800n	3.0M	7.5m	30n	24	300k		±15	170m	07		14LM58HX	DL8af
47	MC3358G	1.0u	9.0k†	10m	250n	27	300k		±15	111m	48		14LM58HX	TO99
48	MC3358U	1.0u	9.0k†	10m	250n	27	300k		±15	111m	48		14LM58HX	DL8s
49	1458CE	1.0u	14k†	12m	400n	26	1.0M†	15u	±15	240m	07		14LM58NX	TO99
50	1458CP	1.0u	14k†	12m	400n	26	1.0M†	15u	±15	240m	07		14LM58NX	DL8af
51	MC1458CL	1.0u	14k†	12m	400n	22	2.0M†	15u	±15	240m	07		14LM58NX	DL14ag
52	MC1458CP2	1.0u	14k†	12m	400n	22	2.0M†	15u	±15	240m	07		14LM58NX	DL14s
53	SG1458CM	1.0u	800k†	12m	400n	22		6.0u	±15	240m	07		14LM58HX	DL8h
54	MC1458CNL	1.0u	1.1M†	12m	400n	22	2.0M†		±15	240m	07		14LM58HX	TO116
55	MC1458CNP1	1.0u	1.1M†	12m	400n	22	2.0M†		±15	240m	07		14LM58HX	DL8ac
56	MC1458CNP2	1.0u	1.1M†	12m	400n	22	2.0M†		±15	240m	07		14LM58HX	DL14az
57♦	NE5533AP	1.0u	10M†	5.0m	200n	24	30k		15.0 ±	1.0	07		55LM33NX	DL14☒
58♦	NE5533JG	1.0u	10M†	5.0m	200n	24	30k		15.0 ±	825m	07		55LM33NX	DL14☒
59♦	NE5533P	1.0u	10M†	5.0m	200n	24	30k		15.0 ±	1.0	07		55LM33NX	DL14☒
60	747BE	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM47HX	TO96
61	747BL	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM47JX	TO116
62	AM747DM	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM47JX	DL14m
63	AM747FM	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM47JX	FP29
64	AM747HM	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM47JX	TO100
65	CA747F	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM47HX	DL8u
66	CA747HG	1.5u		6.0m	500n	24	300k		±15	84m	5C		7LM47HX	CH☒
67	CA748CF	1.5u		6.0m	300n	24	300k		±15	85m	5C		1LM01HX	DL8u
68	HA2A2101	1.5u		6.0m	500n	24	300k	6.0u	±20	120m	5C		1LM01HX	TO99
69	HA9W2101	1.5u		6.0m	500n	24	300k	6.0u	±20	120m	5C		1LM01HX	TO91
70	LM747-1D	1.5u		6.0m	500n	24	300k		±15	100m	5C		7LM47JX	DL14cc
71	LM747-1H	1.5u		6.0m	500n	24	300k		±15	100m	5C		7LM47JX	CN10r
72	LM747-1J	1.5u		6.0m	500n	24	300k		±15	100m	5C		7LM47JX	DL14cd
73	LM747D	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM47FX	DL14bv
74	LM747F	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM47FX	FP29a
75	MA747ML	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM47JX	TO100
76	MA747MN	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM47JX	DL14x
77♦	MS747C	1.5u		6.0m	500n	24	300k		15.0 ±	800m	5C		7LM47FX	TO85
78	PM747K	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM47HX	TO100
79	PM1558J	1.5u		6.0m	500n	24	300k		±15	150m	5C		14LM58HX	TO99
80♦	PM1558Z#mil	1.5u		6.0m	0.5u		0.3M		±15	500m	5C		14LM58HX	
81	SN52747FA	1.5u		6.0m	500m	24	300k		±15	85m	5C		7LM47JX	FP22
82	SN52747JA	1.5u		6.0m	500m	24	300k		±15	85m	5C		7LM47JX	14-25
83	T1747AV	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM47JX	TO100
84	T1747J	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM47JX	TO116
85	T1747V	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM47JX	TO99
86♦	TBC0747	1.5u		6.0m	500n	24	300k		15.0 ±	85m	5C		7LM47HX	TO100
87	uA101DM	1.5u		6.0m	500n	24	300k	6.0u	±20	120m	5C		1LM01HX	DL14br
88	uA101FM	1.5u		6.0m	500n			6.0u	50	125m	5C		1LM01HX	FP2w
89♦	uA747IDM	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM47JX	DL14i
90♦	uA747IHM	1.5u		6.0m	500n	24	300k		±15	85m	5C		7LM47HX	TO100
91	uA749PC☒	1.5u		6.0m	750n		50k		15 ±	650m	07		7LM39DX	DL14ce
92	uA1558RM	1.5u		6.0m	.50u		.30M		±15	150m	5C		14LM58HX	DL8t
93	uA749DHC	1.5u♦		10m	600n♦	6.5 §	50k		12	108m	07		14LM58HX	CN1d
94♦	810BH	1.5u	1.0k†	10m	.10u♦	20	100k	50u♦	±15	150m	5C		8ZL10ZX	FP6
95♦	810BJ	1.5u	1.0k†	10m	.10u♦	20	100k	50u♦	±15	150m	5C		8ZL10ZX	14-3
96♦	810CH	1.5u	1.0k†	10m	.35u♦	20	50k	50u♦	±15	100m†	0A		8ZL10ZX	FP6
97♦	810CJ	1.5u	1.0k†	10m	.35u♦	20	50k	50u♦	±15	100m†	0A		8ZL10ZX	14-3
98	1558E	1.5u	14k†	6.0m	500n	24	300k	15u	±15	150m	5C		14LM58NX	TO99
99	MC1558L	1.5u	14k†	6.0m	500n	24	300k	15u	±15	150m	5C		14LM58NX	DL14ag
100	MC1558SL	1.5u	150kΔ	6.0m	500n	24	300k		±15	150m	5C		14LM58NX	DL14ag
101	MC1537P	1.5u	200kΔ	6.0m	500n	16	150k	1.5u	±15	225m	5C		14LM37ZX	DL14s
102	UC4101	1.5u	500k	6.0m	500n	24	300k	6.0u	±20	120m	5C		1LM01HX	TO99
103♦	UC4747	1.5u	700k	6.0m	500n	24	500k		±15	85m	5C		7LM47NX	DL14ae
104	MC1747F	1.5u	800k	6.0m	500n	24			±15	85m	5C		7LM47FX	TO86
105♦	SG747J	1.5u	800k†	6.0m	500n	30 ☒	300k		±15	168m	5C		7LM47NX	TO116
106♦	SG747N	1.5u	800k†	6.0m	500n	24		3.0u	±15	168m	5C		7LM47JX	DL14u
107♦	SG747T	1.5u	800k†	6.0m	500n	30 ☒	300k		±15	168m	5C		7LM47HX	TO100
108	SG1558M	1.5u	800k†	6.0m	500n	24		3.0u	±15	168m	5C		14LM58HX	DL8h
109	SN52558P	1.5u	1.0M†	6.0m	500n	24	300k		±15	168m	5C		14LM58HX	DL8n
110	SN52747N	1.5u	1.0M†	6.0m	500n	24	300k		±15	100m	5C		7LM47JX	DL14x

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1	LM1558-883	1.5u	1.1M†	6.0m	500n	24	300k		±15	150m	5C	Gen Purp;Common bias		TO99
2	MC1558NG	1.5u	1.1M†	6.0m	500n	24	300k		±15	150m	5C		14LM58HX	TO99
3	MC1558NL	1.5u	1.1M†	6.0m	500n	24	300k		±15	150m	5C		14LM58NX	TO116
4	MC1558NU	1.5u	1.1M†	6.0m	500n	24	300k		±15	150m	5C		14LM58HX	DL8s
5♦	VA5B155831	1.5u	1.1M†	6.0m	500n	24	300k		±15	150m	5C		14LM58HX	TO99
6♦	VA5B155839	1.5u	1.1M†	6.0m	500n	24	300k		±15	150m	5C		14LM58HX	TO99
7	RM4558L	1.5u	2.0M	6.0m	500n	24	300k		±15	170m	5C		14LM58HX	CN1k
8	uA4558HM	1.5u	3.0M†	6.0m	300n	24	300k		±15	170m	5C		14LM58HX	CN1d
9	uA4558RM	1.5u	3.0M†	6.0m	300n	24	300k		±15	170m	5C		14LM58HX	DL8t
10♦	TBA231	2.0u		6.0m	1.0u	22			18.0 ±	420m	07		7LM39DX	TO116
11	HEPC6051L-RT	2.0u		10m	750n	16	50k	3.0u	±15	225m	07		14LM37ZX	TO116
12	uA201DC	2.0u		10m	750n	24	100k	10u	±15	90m	07		1LM01HX	DL14br
13	UC4201	2.0u	500k	10m	750n	24	150k	8.0u	±20	120m	07		1LM01HX	TO99
14♦	NE5533AJ	2.0u	10M†	5.0m	400n	24	30k		15.0 ±	1.0	07		55LM33NX	DL14cd
15♦	NE5533J	2.0u	10M†	5.0m	400n	24	30k		15.0 ±	1.0	07		55LM33NX	DL14cd
16	uA749DM	3.0u		6.0m	1.5u	24 §	100k	3.0u	±15	300m	5C		7LM39DX	DL14br
17	MC1435P	5.0u♦	1.0MΔ	7.5m	1.5u	5.0 §	10k	3.0u	12	180m	07		14LM35ZX	14-3a
18	MC1535F	6.0u	2.0M†	5.0m	300n♦	5.0 §	10k	10u	12	150m	5C		14LM35FX	TO86
19	MC1535G	6.0u	2.0M†	5.0m	300n♦	5.0 §	10k	10u	12	150m	5C		14LM35GX	CN10j
20	MC1535L	6.0u	2.0M†	5.0m	300n♦	5.0 §	10k	10u	12	150m	5C		14LM35ZX	TO116
21	MC1435F	10u	2.0M†	7.5m	1.5u	5.0 §	10k	10u	12	180m	07		14LM35FX	TO86
22	MC1435G	10u	2.0M†	7.5m	1.5u	5.0 §	10k	10u	12	180m	07		14LM35GX	CN10j
23	MC1435L	10u	2.0M†	7.5m	1.5u	5.0 §	10k	10u	12	180m	07		14LM35ZX	TO116
24	RC4101AD	300u		6.0m	30u	30	500k	20u	±15	90m	07		1LM01HX	DL14ae
25♦	TOA1747F	1.5	10 Δ	6.0	.50	24	300		15.0 ±		5C		7LM47HX	
26	uA4558TV	500	3.0M†	5.0	200	30	0.3		±15	170m	5C		14LM58HX	DL8af

TRIPLE OP AMP

30	SG2253Y	20n		4.0m	8.0n	15 ±			18 ±		07		80LM23PX	DL16Ø
31	SG3253Y	50n		7.5m	15n	15 ±			18 ±		07		80LM23PX	DL16Ø
32	L143AL	200nL	300k	5.0m	50n♦	24 ⧄			±15	750m	5C		1LM43LX	TO86
33	L143AP	200nL	300k	5.0m	50n♦	24 ⧄			±15	750m	5C		1LM43LX	TO116
34	L144CL	200n	400k	10m	70n	24			±15	750u	07		1LM44NX	TO86
35	L144CP	200n	400k	10m	70n	24			±15	1.2	07		1LM44NX	TO116
36	L143CL	250nL	300k	10m	60n♦	24 ⧄			±15	750m	07		1LM43LX	TO86
37	L143CP	250nL	300k	10m	60n♦	24 ⧄			±15	750m	07		1LM43LX	TO116
38	TRI741II	800n	1.0MΔ	7.5m	300n	24	300		±15	85m	07		7LM41IX	TO86
39	TRI741III	800n	1.0MΔ	7.5m	300n	24	300		±15	85m	07		7LM41ZX	FP32
40♦	CA3060D†	5.0u♦	110k†	5.0m	1.0u♦	8.3 §	10k		12	45m	5C		30LM60NX	MO001AE
41	uA7351DC#2	8.0u		15m	1.0u	5.0 ⧄		5.4u	5.0 §	15m	48		73LM51PX	DL16m
42	uA7351DC#3	8.0u		15m	1.0u	15 ⧄		5.4u	15 §	150m	48		73LM51PX	DL16m
43	uA7351PC#2	8.0u		15m	1.0u	5.0 ⧄		5.4u	5.0 §	15m	48		73LM51PX	DL16m
44	uA7351PC#3	8.0u		15m	1.0u	15 ⧄		5.4u	15 §	150m	48		73LM51PX	DL16m
45	uA7351DC#1	8.0u	10M†	15m	1.0u	8.0 ⧄		5.4u	8.0 §	40m	48		73LM51PX	DL16m
46	uA7351PC#1	8.0u	10M†	15m	1.0u	8.0 ⧄		5.4u	8.0 §	40m	48		73LM51PX	DL16m

QUADRUPLE OP AMP

50	TL085AMJ	200p♦	3.0M†	3.0m	100p♦			10u	±15	336m	5C		41LM36NX	DL14ah
51	TL085BCJ	200p♦	3.0M†	3.0m	100p♦			10u	±15	336m	07		41LM36NX	DL14ah
52	TL085BCN	200p♦	3.0M†	3.0m	100p♦			10u	±15	336m	07		41LM36NX	DL14bw
53	TL085ACJ	200p♦	3.0M†	6.0m	100p♦			10u	±15	336m	07		41LM36NX	DL14ah
54	TL085ACN	200p♦	3.0M†	6.0m	100p♦			10u	±15	336m	07		41LM36NX	DL14bw
55	HA17084G	400p	3.0M†	15m	200p	20	1.0T†		±15	625m	48		3LM24NX	DL14cs
56	MC14573-1AL†	1.0n♦		10m	200p♦	8.0 §		20u♦	10 §	24m†	5C		5LM31HX	DL16bj
57	MC14573-1CL†	1.0n♦		10m	200p♦	8.0 §		20u♦	10 §	24m†	48		5LM31HX	DL16bj
58	MC14573-1CP†	1.0n♦		10m	200p♦	8.0 §		20u♦	10 §	24m†	48		5LM31HX	DL16ad
59	MC14575-1AL†	1.0n♦		10m	200p♦	8.0 §		20u♦	10 §	12m†	5C		5LM31HX	DL16bj
60	MC14575-1CL†	1.0n♦		10m	200p♦	8.0 §		20u♦	10 §	12m†	48		5LM31HX	DL16bj
61	MC14575-1CP†	1.0n♦		10m	200p♦	8.0 §		20u♦	10 §	12m†	48		5LM31HX	DL16ad
62	MC14573AL†	1.0n♦		50m	200p♦	8.0 §		20u♦	10 §	24m†	5C		5LM31HX	DL16bj
63	MC14575AL†	1.0n♦		50m	200p♦	8.0 §		20u♦	10 §	12m†	5C		5LM31HX	DL16bj
64	uAF774ADC	4.0n	3.0M†	4.0m	2.0n	22	1.0T†	10u	±15	168m	07		3LM24NX	DL14br
65	uAF774APC	4.0n	3.0M†	4.0m	2.0n	22	1.0T†	10u	±15	336m	07		3LM24NX	DL14bz
66	uAF774BDC	4.0n	3.0M†	7.0m	2.0n	22	1.0T†	10u	±15	336m	07		3LM24NX	DL14br
67	uAF774BPC	4.0n	3.0M†	7.0m	2.0n	22	1.0T†	10u	±15	336m	07		3LM24NX	DL14bz
68	LF347AJ	4.0n	4.0M†	4.0m	2.0n	22	1.0T†	10u	±15	330m	07		3LM24NX	DL14cd
69	LF347AN	4.0n	4.0M†	4.0m	2.0n	22	1.0T†	10u	±15	330m	07		3LM24NX	DL14ce
70	MC34004AL	4.0n	4.0M†	4.0m	2.0n	22	1.0T†	10u♦	±15	300m	07		3LM24NX	TO116
71	MC34004AP	4.0n	4.0M†	4.0m	2.0n	22	1.0T†	10u♦	±15	300m	07		3LM24NX	DL14az
72	uAF774DM	5.0n	4.0M†	8.0m	2.0n	20		24u	±15	240m	5C		3LM24NX	DL14br
73	uAF774DC	8.0n	3.0M†	13m	4.0n	22	1.0T†	10u	±15	336m	07		3LM24NX	DL14br
74	uAF774PC	8.0n	3.0M†	13m	4.0n	22	1.0T†	10u	±15	336m	07		3LM24NX	DL14bz
75	LF347BJ	8.0n	4.0M†	7.0m	4.0n	22	1.0T†	10u	±15	330m	07		3LM24NX	DL14cd
76	LF347J	8.0n	4.0M†	13m	4.0n	22	1.0T†	10u	±15	330m	07		3LM24NX	DL14cd
77	uAF774LDC	10n	3.0M†	20m	4.0n	22	1.0T†	10u	±15	336m	07		3LM24NX	DL14br
78	uAF774LPC	10n	3.0M†	20m	4.0n	22	1.0T†	10u	±15	336m	07		3LM24NX	DL14bz
79	TL075AMJ	50n	3.0M	5.0m	20n	24	1.0T†	10u	±15	300m	5C		41LM36NX	DL14ah
80	uAF774ADM	50n	3.0M†	5.0m	20n	22	1.0T†	10u	±15	336m	5C		3LM24NX	DL14br
81	uAF774BDM	50n	3.0M†	8.0m	20n	22	1.0T†	10u	±15	336m	5C		3LM24NX	DL14br
82	MC35004AL	50n	4.0M†	4.0m	20n	22	1.0T†	10u♦	±15	300m	5C		3LM24NX	TO116
83▼	LM1900D	100n	2.5m			13	1.0M		15					
84	LM146-2J†	100n	800k	6.0m	25n	27	1.0M†		±15	60m	5C		1LM46MX	DL16k
85	LM324AD	100n♦	1.0MΔ	3m	30n♦	1.5 ⧄			5		07		3LM24NX	CH⧄
86	LM124AD	100n	1.0M	4.0m	30n	3.5		20u	5.0 §	15m	5C		3LM24NX	DL14bv
87	LM224AD	100n	1.0M	4.0m	30n	3.5		20u	5.0 §	15m	28		3LM24NX	DL14bv
88	LM224AF	100n	1.0M	4.0m	30n	3.5		20u	5.0 §	15m	28		3LM24NX	FP29a
89	LM224AN⧄	100n	1.0M	4.0m	30n	3.5		70u	5.0 §	90m	28		3LM24NX	DL14v
90	MC3301L	100n†	4.0M†				100k		15 §	215m	48		33LM01NX	DL14bk
91♦	RV3301DB	100n†	4.0M				1.0M†		15.0	210m	48		19LM00JX	DL14v
92	LM124D	150n♦		5.0m	30n♦			7.0u	5.0	10m	5C		3LM24NX	DL14bv
93▼	LM2900D	200n	2.5m			13	1.0M		15					
94	LM358AN⧄	200n	1.0M†	5.0m	75n	3.5 §		20u	5.0 §	6.0m	07		14LM58HX	DL8ah
95	uA248PC	200n	1.0MΔ	6.0m	50n		.80M		±18	172m	07		3LM24NX	
96	ULN4236A	200n♦	1.5M†	5.0m	50n♦	26	300k		±15	120m	07		41LM36NX	DL14ap
97	ULN4436A	200n♦	1.5M†	5.0m	50n♦	26	300k		±15	120m	07		3LM24NX	DL14ap
98	uA2900P	200n♦	2.5M†				1.0M†		15	670m	48		33LM01NX	DL14bo
99	uA3900P	200n♦	2.5M†				1.0M		15	670m	07		33LM01NX	DL14bo
100	uA249PC	200n	4.0MΔ	6.0m	50n		.80M		±18	172m	07		3LM24NX	
101	uA349PC	200n	4.0MΔ	6.0m	50n		.80M		±18	172m	07		3LM24NX	
102	LM246-2J†	250n	500k	7.5m	100n	27	1.0M†		±15	75m	28		1LM46MX	DL16k
103	LM346-2J†	250n	500k	7.5m	100n	27	1.0M†		±15	75m	07		1LM46MX	DL16k
104	LM346-2N†	250n	500k	7.5m	100n	27	1.0M†		±15	75m	07		1LM46MX	DL16ai
105	LM2902	250n♦	1.0MΔ	14m	100n♦	1.5 ⧄			5	570m	48		3LM24NX	CH⧄
106	MLM124L	300n		7.0m	100n	5.0 ⧄		7.0u	5.0 §	10m	5C		3LM24NX	TO116
107	MLM158G	300n		7.0m	100n	28		7.0u	5.0 §	6.0m	5C		14LM58HX	TO99
108	MLM158U	300n		7.0m	100n	28		7.0u	5.0 §	6.0m	5C		14LM58HX	DL8s
109	uA224DM	300n		7.0m	100n	3.5 §		7.0u	5.0 §	670m	28		3LM24NX	DL14ak
110	835BJ	300n♦	1.0M†	5.0m	30n♦	30			±15	120m	5C		3LM24NX	DL8b

5. OPERATIONAL AMPLIFIERS – Quad (cont'd)

IN ORDER OF (1) IIB MAX (2) BW UNITY GAIN MIN (3) VIO MAX (4) TYPE NUMBER

LINE No.	4 TYPE NUMBER	1 IIB MAX (A)	2 BW UNITY GAIN MIN (Hz)	3 VIO MAX (V)	IIO MAX (A)	VICR MIN (±V)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1	835BL	300n♦	1.0M†	5.0m	30n♦	30			±15	120m	5C		3LM24NX	TO116
2	AM124D	300n	1.0M	5.0m	30n	1.5			5.0	10m	5C		3LM24NX	
3	AM124F	300n	1.0M	5.0m	30n	1.5			5.0	10m	5C		3LM24NX	
4	AM224D	300n	1.0M	5.0m	30n	1.5			5.0	10m	28		3LM24NX	
5	LM124L	300n♦	1.0M	5.0m	30n♦	3.5 §			5.0 §	10m	5C		3LM24NX	TO116
6	CA124G	300n	1.0M†	7.0m	100n	3.5 §		7.0u	5.0 §	10m	5C		3LM24NX	MO001AB
7	836BJ	300n♦	1.5M†	5.0m	30n♦	30			±15	120m	5C		3LM24NX	DL8b
8	836BL	300n♦	1.5M†	5.0m	30n♦	30			±15	120m	5C		3LM24NX	TO116
9	ULN4136A	300n♦	3.0M†	5.0m	50n♦	26	300k		±15	330m	07		41LM36NX	DL14ap
10	ULN4336A	300n♦	3.0M†	5.0m	50n♦	26	300k		±15	330m	07		3LM24NX	DL14ap
11♦	RC3301N	300n♦	4.0M†				100k		20.0 ±	420m	48		19LM00JX	FP56
12	uA3301PC	300n	5.0M				100k		15	670m	48		33LM01NX	DL16z
13	uA3401PC	300n	5.0M				100k		15	670m	07		33LM01NX	DL16z
14	RLM148DC	325n		6.0m	75n		0.8M		15 ±	900m	5C		3LM24NX	DL14bg
15	LM148	325n	1.0M†	6.0m	75n	24	800k		±15	430m	5C		3LM24NX	TO116
16	LM148F	325n	1.0M†	6.0m	75n	24	800k		±15	430m	5C		3LM24NX	FP29a
17	uA148FM	325n	1.0M	6.0m	75n	24	800k		±15	108m	5C		3LM24NX	
18	uA148JM	325n	1.0M	6.0m	75n	24	800k		±15	108m	5C		3LM24NX	
19♦	RM4156ADC	325n	2.8M	5.0m	75n	24	5.0M†	5.0u	15.0 ±	150m	5C		3LM24NX	DL14av
20	LM149	325n	4.0M†	6.0m	75n	24	800k		±15	430m	5C		3LM24NX	TO116
21	LM149D	325n	4.0M†	6.0m	75n	24	800k		±15	108m	5C		3LM24NX	DL14bv
22	LM149F	325n	4.0M†	6.0m	75n	24	800k		±15	430m	5C		3LM24NX	FP29a
23	LM149N	325n	4.0M†	6.0m	75n	24	800k		±15	108m	5C		3LM24NX	DL14v
24	uA149DM	325n	4.0M	6.0m	75n	24	800k		±15	108m	5C		3LM24NX	
25	uA149FM	325n	4.0M	6.0m	75n	24	800k		±15	108m	5C		3LM24NX	
26	uA149JM	325n	4.0M	6.0m	75n	24	800k		±15	108m	5C		3LM24NX	
27	RLM348DB	400n		7.5m	100n		0.8M		15 ±	900m	07		3LM24NX	14-16b
28	RLM348DC	400n		7.5m	100n		0.8M		15 ±	900m	07		3LM24NX	DL14bg
29	LM348	400n	1.0M†	7.5m	100n	24	800k		±15	540m	07		3LM24NX	TO116
30	uA348JC	400n	1.0M	7.5m	100n	24	800k		±15	135m	07		3LM24NX	
31	uA348NC	400n	1.0M	7.5m	100n	24	800k		±15	135m	07		3LM24NX	
32	RM4137DP	400n♦	1.0M†	4.0	50n♦	13			±15	500m	5C		3LM24NX	DL14y
33	LM349	400n	4.0M†	7.5m	100n	24	800k		±15	540m	07		3LM24NX	TO116
34	LM349D	400n	4.0M†	7.5m	100n	24	800k		±15	135m	07		3LM24NX	DL14bv
35	uA349DC	400n	4.0M	7.5m	100n	24	800k		±15	135m	07		3LM24NX	
36	uA349JC	400n	4.0M	7.5m	100n	24	800k		±15	135m	07		3LM24NX	
37	uA349NC	400n	4.0M	7.5m	100n	24	800k		±15	135m	07		3LM24NX	
38	MCCF3503	500n♦		5.0m	50n♦	30 Ø			±15	120m	5C		3LM24NX	CH39
39	OP09CY	500n		5.0m	200n	24	200k	4.0u	±22	800m	5C		41LM36NX	DL14q
40	RM4136D	500n		6.0m	500n	30	300k		±15	300m	5C		41LM36NX	TO116
41	RM4136DP	500n		6.0m	500n	30	300k		±15	300m	5C		41LM36NX	TO116
42	LM2902L	500n♦		7.0m	50n♦	3.5 §			5.0 §	10m	48		3LM24NX	TO116
43	MLM258G	500n		7.5m	150n	28		7.0u	5.0 §	6.0m	28		14LM58HX	TO99
44	MLM258P1	500n		7.5m	150n	28		7.0u	5.0 §	6.0m	28		14LM58HX	DL8d
45	MLM258U	500n		7.5m	150n	28		7.0u	5.0 §	6.0m	28		14LM58HX	DL8s
46	MLM358G	500n		7.5m	150n	28		7.0u	5.0 §	6.0m	07		14LM58HX	TO99
47	MLM358P1	500n		7.5m	150n	28		7.0u	5.0 §	6.0m	07		14LM58HX	DL8d
48	MLM358U	500n		7.5m	150n	28		7.0u	5.0 §	6.0m	07		14LM58HX	DL8s
49	RLM248DC	500n		7.5m	125n		0.8M		15 ±	900m	28		3LM24NX	DL14bg
50	MCCF3303	500n♦		8.0m	75n♦	30 Ø			±15	210m	48		3LM24NX	CH39
51	MLM224L	500n		9.0m	150n	5.0 Ø		7.0u	5.0 §	10m	28		3LM24NX	TO116
52	MLM224P	500n		9.0m	150n	5.0 Ø		7.0u	5.0 §	10m	28		3LM24NX	DL14az
53	MLM324L	500n		9.0m	150n	5.0 Ø		7.0u	5.0 §	10m	07		3LM24NX	TO116
54	MLM324P	500n		9.0m	150n	5.0 Ø		7.0u	5.0 §	10m	07		3LM24NX	DL14az
55	MCCF3403	500n♦		10m	50n♦	30 Ø			±15	210m	07		3LM24NX	CH39
56	MLM2902P	500n♦		10m	50n♦	3.5			5.0	10m	48		3LM24NX	DL14az
57	uA2902DV	500n		10m	200n	2.0		7.0u	64	192m	48		3LM24NX	DL14br
58	uA2902PC	500n		10m	200n	2.0		7.0u	64	192m	07		3LM24NX	DL14bo
59	RM3503DC	500n♦	1.0M†	5.0m	50n♦	36 Ø			±15	120m	5C		3LM24NX	DL14av
60	835CJ	500n♦	1.0M†	6.0m	100n♦	30			±15	150m	07		3LM24NX	DL8b
61	835CL	500n♦	1.0M†	6.0m	100n♦	30			±15	150m	07		3LM24NX	TO116
62	AM324D	500n	1.0M	7.0m	50n	1.5			5.0	10m	07		3LM24NX	
63	AM324N	500n	1.0M	7.0m	50n	1.5			5.0	10m	07		3LM24NX	
64	LM224L	500n♦	1.0M	7.0m	50n♦	3.5 §			5.0 §	10m	28		3LM24NX	TO116
65	LM324L	500n♦	1.0M	7.0m	50n♦	3.5 §			5.0 §	10m	07		3LM24NX	TO116
66	LM248	500n	1.0M†	7.5m	125n	24	800k		±15	540m	28		3LM24NX	TO116
67	uA248JC	500n	1.0M	7.5m	125n	24	800k		±15	135m	28		3LM24NX	
68	uA248NC	500n	1.0M	7.5m	125n	24	800k		±15	135m	28		3LM24NX	
69	RC3403DB	500n♦	1.0M†	8.0m	50n♦	36 Ø			±15	150m	07		3LM24NX	DL14au
70	RC3403DC	500n♦	1.0M†	8.0m	50n♦	36 Ø			±15	150m	07		3LM24NX	DL14av
71	CA224G	500n	1.0M†	9.0m	150n	3.5 §		7.0u	5.0 §	10m	5C		3LM24NX	MO001AB
72	CA324G	500n	1.0M†	9.0m	150n	3.5 §		7.0u	5.0 §	10m	5C		3LM24NX	MO001AB
73	CA324HG	500n	1.0M†	9.0m	150n	3.5 §		7.0u	5.0 §	10m	5C		3LM24NX	CH16aa
74♦	uA2902	500n♦	1.0M	10m	50n♦	24			5.0	670m	48		3LM24NX	DL14bo
75	RC4137DP	500n♦	1.0M†	6.0	50n♦	13			±15	500m	07		3LM24NX	DL14y
76	836CJ	500n♦	1.5M†	8.0m	100n♦	30			±15	150m	07		3LM24NX	DL8b
77	836CL	500n♦	1.5M†	8.0m	100n♦	30			±15	150m	07		3LM24NX	TO116
78	PM4136Y	500n	3.0M†	5.0m	200n	24	300k		±15	340m	5C		41LM36NX	DL14q
79	PM4136CY	500n	3.0M†	6.0m	200n	24	300k		±15	340m	07		41LM36NX	DL14q
80	TAB1044	500n♦	3.5M†	5.0m	200n♦	10	0.1M		24	800m	5E		10LM42ZX	DL16bw
81	LM249	500n	4.0M†	7.5m	125n	24	800k		±15	540m	28		3LM24NX	TO116
82	LM249D	500n	4.0M†	7.5m	125n	24	800k		±15	135m	28		3LM24NX	DL14bv
83	uA249DC	500n	4.0M	7.5m	125n	24	800k		±15	135m	28		3LM24NX	
84	uA249JC	500n	4.0M	7.5m	125n	24	800k		±15	135m	28		3LM24NX	
85	uA249NC	500n	4.0M	7.5m	125n	24	800k		±15	135m	28		3LM24NX	
86	CA3401G	500nL	5.0M†				100k		15 §	210m	5C		34LM01NX	MO001AB
87	CA3401GH	500nL	5.0M				100k		15 §	210m	5C		34LM01NX	CH34
88	MC3401L	500n	5.0M†				100k		15 §	215m			34LM01NX	DL14bk
89♦	RC4136D	800n		7.5m	300n	30	300k		15.0 ±	300m	07		41LM36NX	TO116
90	RC4136DP	800n		7.5m	300n	30	300k		±15	300m	07		41LM36NX	TO116
91	SG4136CN	800n	3.0m†	7.5m	300n				15 ±	800m	07		41LM36NX	DL14Ø
92	OP09GP	800n	1.5MΔ	6.0m	300n		0.2M	4.0u	±15	500m	07		41LM36NX	DL14q
93	SG4136CF	800n	3.0M†	7.5m	300n				15 ±	800m	07		41LM36NX	FPØ
94	SG4136CJ	800n	3.0M†	7.5m	300n				15 ±	800m	07		41LM36NX	DL14Ø
95	uA3503DC	-.5u	9.0k†	5.0m	50n	13			15 ±	670m	07		3LM24NX	DL14br
96	uA3303DC	1.0u	1.0M	10m	250n	12		10u	15	670m	07		3LM24NX	DL14br
97	RV3403ADC	1.5u	1.0M†	10m	200n	36 Ø			±15	150m	48		3LM24NX	DL14av
98	SG4136F	1.5u	2.0M	6.0m	500n				15 ±	800m	5c		41LM36NX	FPØ
99	SG4136J	1.5u	2.0M	6.0m	500n				15 ±	800m	5c		41LM36NX	DL14Ø
100	SG4136N	1.5u	2.0M	6.0m	500n				15 ±	800m	5c		41LM36NX	DL14Ø
101♦	uA4136H	1.5u	3.0M	6.0m	500n	24	300k		15.0 ±	100m	5C		41LM36NX	CN1d
102♦	PM4136GR	500m♦		6.0m	200n♦				15.0 ±	340m	6F		41LM36NX	CH57

SPECIAL PURPOSE OP AMP

LINE No.	TYPE NUMBER	IIB MAX (A)	BW UNITY GAIN MIN (Hz)	VIO MAX (V)	IIO MAX (A)	VICR MIN (±V)	RI DIFF MODE MIN (Ω)	ΔVIO /ΔT MAX (V/°C)	TOTAL VOLT (V)	PD MAX (W)	TEMP CODE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
106▼	9432A								15 ±			Quintriple Array		
107	MQ328		2.0M	2.0m		26		10u	±22	300m	07		3LM28HX	MD8Ø
108♦	ICL7600CPD	30p	.3M	5.0u		8.4	1k	.15u	10.0	150m	07		76LM00DX	14-12B
109♦	ICL7600IJD	30p	.3M	5.0u		8.4	1k	.15u	10.0	150m	28		76LM00DX	14-102
110♦	ICL7600MJD	30p	.3M	5.0u		8.4	1k	.15u	10.0	150m	5C		76LM00DX	DL14am

5. OPERATIONAL AMPLIFIER – Special Purpose (cont'd)

IN ORDER OF (1) IIB MAX (2) BW UNITY GAIN MIN (3) VIO MAX (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] BW UNITY GAIN MIN (Hz)	[3] VIO MAX (V)	IIO MAX (A)	VICR MIN (ΔV)	RI DIFF MODE MIN (Ω)	ΔVIO/ΔT MAX (V/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1♦	ICL7601CPD	30p	.4M†	5.0u		8.4	1k	.15u	10.0	150m	07		76LM00DX	DL14aq
2♦	ICL7601IJD	30p	.4M†	5.0u		8.4	1k	.15u	10.0	150m	28		76LM00DX	DL14am
3	MA113	30p	20M	100m			100M		20	600m	07		1LM13ZX	
4♦	AM7600C	.3n	.12M	10u		3.5	200G	.15u♦	10	375m	07	commutating auto-zero	51LM90NX	
5♦	AM7600R	.3n	.12M	10u		3.5		.15u♦	10	500m	28	commutating auto-zero	51LM90NX	
6♦	AM7600M	.3n	.12M	40u		3.5		.15u♦	10	500m	5C	commutating auto-zero	51LM90NX	
7♦	HA2-2904	1.0n	3.0M	50u	500p	20	100M†	400n	±15	150m	28	commutating auto-zero	29LM00ZX	TO99
8♦	HA2-2900	1.0n	3.0M	60u	500p	20	100M†	600n	±15	150m	5C	commutating auto-zero	29LM00ZX	TO99
9♦	HA2-2905	1.0n	3.0M	80u	500p	20	100M†	200n	±15	150m	07	commutating auto-zero	29LM00ZX	TO99
10♦	AM7601C	3.0n	.12M	10u		3.5		.15u♦	10	375m	07	commutating auto-zero	51LM90NX	
11♦	AM7601R	3.0n	.12M	10u		3.5		.15u♦	10	500m	28	commutating auto-zero	51LM90NX	
12♦	AM7601M	3.0n	.12M	40u		3.5		.15u♦	10	500m	5C	commutating auto-zero	51LM90NX	
13	SG1118AF	3.0n	300k†	1.0m	400p	27		5.0u	±20	24m	5C		11LM18FX	FP2v
14	SG1118AY	3.0n	300k†	1.0m	400p	27		5.0u	±20	24m	5C		11LM18FX	DL8s
15	SG2118AF	3.0n	300k†	1.0m	400p	27		5.0u	±20	24m	28		11LM18FX	FP2v
16	SG2118AY	3.0n	300k†	1.0m	400p	27		5.0u	±20	24m	28		11LM18FX	DL8s
17	SG1118F	3.0n	300k†	3.0m	400p	27		15u	±20	24m	5C		11LM18FX	FP2v
18	SG1118Y	3.0n	300k†	3.0m	400p	27		15u	±20	24m	5C		11LM18FX	DL8s
19	SG2118F	3.0n	300k†	3.0m	400p	27		15u	±20	24m	28		11LM18FX	FP2v
20	SG2118Y	3.0n	300k†	3.0m	400p	27		15u	±20	24m	28		11LM18FX	DL8s
21	SG3118AF	10n	300k†	730u	1.5n	27		5.0u	±15	24m	07		11LM18FX	FP2v
22	SG3118AY	10n	300k†	730u	1.5n	27		5.0u	±15	24m	07		11LM18FX	DL8s
23	SG3118F	10n	300k†	10m	1.5n	27		30u	±15	24m	07		11LM18FX	FP2v
24	SG3118Y	10n	300k†	10m	1.5n	27		30u	±15	24m	07		11LM18FX	DL8s
25	TL089I	10n	3M†	80u	600p	10 ±	100M†		15 ±	625m	28		0LM89HX	TO99
26	TL089C	15n	3M†	200u	1.0n	10 ±	100M†		15 ±	625n	07		0LM89HX	TO99
27	SN62088N	20n	3.0M†	100u	10n			600n	±15	300m	28		62M088NX	DL14x
28♦	LM10CLJ8	30n		4.0m	2.0n		150k		6.5		07	on-chip prgmble V ref	1LM0HX	DL8ba
29	SN72088N	30n	3.0M†	250u	15n			1.0u	±15	300m	07		62M088NX	DL14x
30	GAP01AX/883	150n		3.0m	40n	23.0		6.0u	18.0 ±	500m	5C	Analog Subsystem/GP	0GP1PX	DL18☑
31	GAP01BX/883	250n		6.0m	100n	23.0		6.0u	18.0 ±	500m	5C	Analog Subsystem/GP	0GP1PX	DL18☑
32♦	TL326MJ	325n	1.0M†	6.0m	75n	24	800k		15.0 ±	108m	5C			DL20☑
33♦	TL326CJ	400n	1.0M†	7.5m	100n	24	800k		15.0 ±	135m	07			DL20☑
34♦	TL326CN	400n	1.0M†	7.5m	100n	24	800k		15.0 ±	135m	07			DL20☑
35♦	RC4156ADB	400n	2.8M	6.5m	100n	24	5.0M†	5.0u	15.0 ±	210m	07		3LM24NX	DL14au
36♦	RC4156ADC	400n	2.8M	6.5m	100n	24	5.0M†	5.0u	15.0 ±	210m	07		3LM24NX	DL14av
37♦	TL326IJ	500n	1.0M†	7.5m	125n	24	800k		15.0 ±	135m	28			
38♦	TL326IN	500n	1.0M†	7.5m	125n	24	800k		15.0 ±	135m	28			
39	833-21	1.0u		5.0m	100n	24	300u		15	105m	5C		8LM33HX	TO3
40	833-21C	1.0u		7.5m	200n	24	300u		15	120m	28		8LM33HX	TO3
41♦	ZN402E	1.2u♦	10k†	6.0m	500n♦	10	100k†	5.0u♦	24	168m	6C	nullable; w/strobe	4LM02NX	14-2aa
42♦	ZN402T	1.2u♦	10k†	6.0m	500n♦	10	100k†	5.0u♦	24	168m	6C	nullable; w/strobe	4LM02HX	CN1n
43♦	MC1507L	2.5u	24M†	3.0m	250n	22		17u	15.0 ±	385m	5C		14LM07NX	DL16c
44	LM11600AJ	7u	2M†	2.0m		24	10k		15 ±	600m	5C		13M600JX	DL16bu

LINE No.	[4] TYPE NUMBER	[1] VCO F MAX (Hz)	[2] VCO SENS MIN (Hz/V)	[3] DF/DT MAX (PPM/ °C)	LOCK RANGE MAX (% OF Fo)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP - CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
PHASE LOCKED LOOP											
4▼	SE565A	500k		525		6.00 ±	300m				
5▼	HEF40463	1.5M						85	VCO frequency 0.5 to 1.5 MHz	40LM46BX	
6	SE564I	65.0M	195k	1.0k	8.0	5.0	400m	5C	PLL w/post detecton processor;TTL compat	5-64t	DL16he
TONE DECODER											
10▼	XR567N	500k		140 ±	16	5.0	300m	5C	Tone Decoder	5LM67HX	DL8r
11	NE567F	500k	5.0k	280	14.0	20.0	300m	07	Tone Decoder/PLL;20:1 fad ;±10Vsup;BW 14%	5-67f	DL14
12	NE567N	500k	5.0k	280	14.0	20.0	300m	07	Tone Decoder/PLL;20:1 fad ;±10Vsup;BW 14%	5-67n	DL8
13	NE567T	500k	5.0k	280	14.0	20.0	300m	07	Tone Decoder/PLL;20:1 fad ;±10Vsup;BW 14%	5-67t	CN8
VOLTAGE CONTROLLED OSCILLATOR											
17	HD103107					5.0	800m	07	Voltage Controlled Oscillator;VoH -9.3V,VO		
18	SN74LS724J					5.2	45m	07	Volt-Cont Osc;Max Fo 16MHz;IoH -400uA;IoL	74S724JX	DL8bt
19	uA4151HC					15	105m	07	Vos 10mVΔ;Ios ±100nAΔ;Io 138.7uA†	41LM51TX	CN1d
20	uA4151RC					15	105m	07	Vos 10mVΔ;Ios ±100nAΔ;Io 138.7uA†	41LM51TX	DL8t
21	uA4151TC					15	105m	07	Vos 10mVΔ;Ios ±100nAΔ;Io 138.7uA†	41LM51TX	DL8a
22▼	XR2307	1.0M		100			625m	07		22LM07NX	DL14bp
23▼	LM566H	1.0M	6.6k	100		12.0	300m	5C	Input Voltage range 3/4(Vcc)	5LM66HX	CN1d
24▼	LM566CH	1.0M	6.6k	200		12.0	300m	07	Input voltage range 3/4(Vcc)	5LM66HX	CN1d
V/F F/V CONVERTER											
28	3910					30	600m	5C	Freq 0-15MHz;Non-Linearity 1.0%†;TC 10mV/°		DL14by
29	3930					30	495m	5C	Freq Output 0-1.0MHz;One Cycle Setting Tim	39LM30ZX	DL16bn
30	AD537J					36	43m†	07	V/F Conv;0.0-150kHz;Calib Error ±7% Max	5AD37DX	DL14ai
31	AD537K					36	43m†	07	V/F Conv;0.0-150kHz;Calib Error ±5% Max	5AD37DX	DL14ai
32	AD537S					36	43m†	5C	V/F Conv;0.0-150kHz;Calib Error ±5% Max	5AD37DX	DL14ai
33▼	AN603					18.0	370m	38	Tachometer for automobiles	6AN03ZX	TO116
34▼	AN603N					12.0	425m	38	Tachometer for Automobiles	6AN03NX	
35	LM1913J					40	240m	5C	Voltage/Temp to Freq Converter,IO 144uA	19LM13JX	DL14cd
36	LM2913J					40	240m	28	Voltage/Temp to Freq Converter,IO 144uA	19LM13JX	DL14cd
37	LM3913J					40	320m	07	Voltage/Temp to Freq Converter,IO 156uA	19LM13JX	DL14cd
38	LM3913N					40	320m	07	Voltage/Temp to Freq Converter,IO 156uA	19LM13JX	DL14ce
39	RV4151T					15	112m	48	TC ±100ppm/°C Typ;Linearity ±0.05% Typ	41LM51TX	TO99
40♦	uA7151DC					15	105m	07	Vos 5.0mVΔ;Ios 50nAΔ;Ibias -250nAΔ;SR 600m	71LM51DX	TO116
41♦	uA7151PC					15	105m	07	Vos 5.0mVΔ;Ios 50nAΔ;Ibias -250nAΔ;SR 600m	71LM51DX	TO116
42♦	uA4151HM	10k	900	100		15	380m	5C	Linerity: 0.5%	41LM51TX	CN1d
43♦	uA4151HV	10k	900	100		15	380m	48	Linerity: 0.5%	41LM51TX	CN1d
44♦	uA4151RM	10k	900	100		15	380m	5C	Linerity: 0.5%	41LM51TX	DL8t
45♦	uA4151RV	10k	900	100		15	380m	48	Linerity: 0.5%	41LM51TX	DL8t
46♦	uA4151TV	10k	900	100		15	380m	48	Linerity: 0.5%	41LM51TX	DL8t
47♦	uA7151DV	10k	900	100		15	380m	48	Linerity: 0.5%	41LM51TX	DL14br
48♦	uA7151PV	10k	900	100		15	380m	48	Linerity: 0.5%	41LM51TX	DL14bo
49♦	XR4151CT#1	10k	900	100		15	90m	07	Linearity: 0.5%	41LM51TX	TO99
50♦	XR4151CT#2	10k	900	100		15	90m	07	Linearity: 0.5%	41LM51TX	TO99
51♦	XR4151MT#1	10k	900	100		15	90m	5C	Linearity: 0.5%	41LM51TX	TO99
52♦	XR4151MT#2	10k	900	100		15	90m	5C	Linearity: 0.5%	41LM51TX	TO99
53♦	XR4151T#1	10k	900	100		15	90m	48	Linearity: 0.5%	41LM51TX	TO99
54♦	XR4151T#2	10k	900	100		15	90m	48	Linearity: 0.5%	41LM51TX	TO99

FIXED LINEAR VOLTAGE REGULATOR

LINE No.	[4] TYPE NUMBER	[1] VO NOM (V)	[2] IL MAX (A)	[3] VI-VO MIN (V)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP (- +) CODE	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
4▼	SPH0130							Shunt regulator;Po 31W;RPL 40dB;Reg 75mV max	VR050	CN22b
5▼	SPH0131							Shunt regulator;Po 31W;RPL 40dB;Reg 75mV max	VR050a	CN22b
6	LM100T		3.0m	3.0	40	500m	5C		3LM00GX	TO5
7	LM300T		3.0m	3.0	30	300m	07		3LM00GX	TO5
8▼	TAA780A	1.1					24	Stabilizing circuit;Tolerance ±0.05V	7TA80AX	CN88
9▼	TAA780B	1.1					24	Stabilizing circuit;Tolerance ±0.05V	7TA80AX	FP62
10	MC7902CP	2.0 -		3.5	35	2.0	0C		VR116	MT1
11	PMC18K2	2.0 -	1.5	2.0 X	35	15	5F		VR136	TO3
12	MC78L02ACG	2.6	100m	1.7	30	850m	0C		VR144	TO39
13	MC78L02ACP	2.6	100m	1.7	30	700m	0C		VR144a	TO92
14♦	VR1030	3.0	500m	3.0	40	2.0				14-3b
15♦	MFC6030	4.0	200m	3.0	38	1.0	17		VR071a	6-1
16♦	MIVR42051-045	4.0 -	5.0		10 -	120	$F			TO3
17♦	MIVR42050-410	4.0	10		10	120	$F			TO3
18♦	LM140AK-5.0∅	4.8					5F		VR241	TO3
19▼	TDD1605	5.0					XF	Voltage stabilizer w/current limiting 1.0A		MT6
20	uA78C05U1C	5.0			35		07		VR091	
21	uA109BN	5.0			35	3.2	5E		1LM09KX	TO3
22	uA209BN	5.0			35	3.2	2E		1LM09KX	TO3
23	uA309BN	5.0			35	2.5	0C		1LM09KX	TO3
24	MC78M05CP	5.0		2.0	35	2.0	0C		VR091	MT1
25	MC7905CP	5.0 -		2.0	35	2.0	0C		VR116	MT1
26♦	uA79M05U1C	5.0 -	40u	.75	35		07		VR163	MT5
27♦	uA78M05UV	5.0	39m	1.1 X	35		48		VR165a	MT24a
28♦	uA78M05U1C	5.0	39m	1.1 X	35		0F		VR165a	MT24a
29♦	LM240LAH5.0	5.0	100m	2.0	35	22m	28		VR148	CN40
30♦	SN72405L	5.0	150m	3.0	40	800m	07			TO99
31♦	SN72405P	5.0	150m	3.0	40	800m	07			DL8d
32	MLM109G	5.0	200m		35	2.5	5E		1LM09HX	TO39
33	MLM209G	5.0	200m		35	2.5	5E		1LM09HX	TO39
34	MLM309G	5.0	200m		35	2.5	0C		1LM09HX	TO39
35♦	TDB2905CM	5.0 -	200m		10 -	2.0	07		VR163b	TO39
36♦	TDC2905CM	5.0 -	200m		10 -	2.0	5C		VR163b	TO39
37	LA109H	5.0	200m	1.5	35	2.0	5C		1LM09HX	CN40
38	LA209H	5.0	200m	1.5	35	2.0	28		1LM09HX	CN40
39	LA309H	5.0	200m	1.5	35	2.0	07		1LM09HX	CN40
40♦	78M05BE	5.0	200m	2.0	30		5C		VR125	TO39
41♦	78M05CE	5.0	200m	2.0	30		08		VR125	TO39
42	LM109H03	5.0	500m		35	2.0	5F		1LM09HX	CN38d
43	LM109LA	5.0	500m		25	600m	5F		1LM09HX	CN40
44	LM209LA	5.0	500m		25	600m	2F		1LM09HX	CN40
45	LM220H5.0	5.0 -	500m		25	2.0	2F		VR187	CN38d
46	LM309LA	5.0	500m		25	480m	0C		1LM09HX	CN40
47♦	JANM38510/10702BXA	5.0	500m		25	890m	5C		VR186	CN40
48♦	JANM38510/10702BXB	5.0	500m		25	890m	5C		VR186	CN40
49♦	JANM38510/10702BXC	5.0	500m		25	890m	5C		VR186	CN40
50♦	JANM38510/10702CXA	5.0	500m		25	890m	5C		VR186	CN40
51♦	JANM38510/10702CXB	5.0	500m		25	890m	5C		VR186	CN40
52♦	JANM38510/10702CXC	5.0	500m		25	890m	5C		VR186	CN40
53	T109H	5.0	500m		35	400m	5C		1LM09HX	TO5
54	T209H	5.0	500m		35	400m	2C		1LM09HX	TO5
55	T309H	5.0	500m		35	400m	0C		1LM09HX	TO5
56♦	VR1050	5.0	500m	3.0	40	2.0				14-3b
57	828AV5	5.0	500m	3.5	45	1.5	5C			
58	838AV5	5.0 -	500m	3.5	45	1.5	5C			
59	TBA325A	5.0	600m	7.5 X	20	3.2	07		VR078	TO3
60	78M05HC	5.0	700m	2.0	35	5.0	08		VR110	TO39
61	78M05UC	5.0	700m	2.0	35	5.0	08		VR110	Y220b
62	MC7705CG	5.0	750m	2.0	35	800m	0C		VR125	TO39
63	MC7705CP	5.0	750m	2.0	35	2.0	08		VR125	MT1
64♦	MC7705CT	5.0	750m	2.0	35	2.0	0C		VR125a	Y220b
65♦	BN4100	5.0	1.0			15	3C		VR058	CN32a
66♦	LM340AKC5.0	5.0	1.0		35	20	07		VR199	CN∅
67	MLM209K	5.0	1.0		35	20	5E		1LM09KX	TO3
68	MLM309K	5.0	1.0		35	20	0C		1LM09KX	TO3
69♦	MT109	5.0	1.0		35	2.0	5F		1LM09HX	CN40
70♦	MT209	5.0	1.0		35	2.0	2E		1LM09HX	CN40
71♦	uA7805C	5	1.0		35	5	0C			CN96
72♦	uA7815C	5	1.0		35	5	0C			CN96
73	LA109K	5.0	1.0	1.5	35	20	5C		1LM09KX	TO3
74	LA209K	5.0	1.0	1.5	35	20	28		1LM09KX	TO3
75	LA309K	5.0	1.0	1.5	35	20	07		1LM09KX	TO3
76	SI-3551M	5.0	1.2	4.0	35	25	27		VR113	TO3
77	LM109K03	5.0	1.5		35	20	5F		1LM09KX	CN48a
78	LM220K5.0	5.0 -	1.5		25	20	2F		VR187	CN48a
79	T109K	5.0	1.5		35	800m	5C		1LM09KX	TO3
80	T209K	5.0	1.5		35	800m	2C		1LM09KX	TO3
81	T309K	5.0	1.5		35	800m	0▼		1LM09KX	TO3
82♦	TL7805ACKC	5.0	1.5		25					Y220b
83♦	uA209KM	5.0	1.5		35		2E		1LM09KX	TO3
84	MC7805CP	5.0	1.5	2.0	35	2.0	0C		VR091	MT1
85♦	PMC18K5	5.0 -	1.5	2.0	35	15	5F		VR136	TO3
86♦	PMC15K5	5.0	1.5	2.3	35	15	5F		VR110	TO3
87	SI-3552M	5.0	2.0	4.0	35	40	27		VR113	TO3
88	TDB7805	5.0	2.2		35		08		VR183	TO3
89	TDB7805T	5.0	2.2		35		08		VR183	Y220a
90	TDC7805	5.0	2.2		35		5C		VR183	Y220a
91	uA7805UV	5.0	2.2		35		28		VR091	MT5
92	7805KC	5.0	2.2	2.0	35	15	08			TO3
93	7805KM	5.0	2.2	2.0	35	15	5C			TO3
94	7805UC	5.0	2.2	2.0	35	15	08			Y220b
95♦	SH123KM	5.0	3.0	2.3	25	50	5F	thermally protected		TO3
96♦	SH223KV	5.0	3.0	2.3	25	50	2F	thermally protected		TO3
97♦	SH323KC	5.0	3.0	2.3	25	50	0F	thermally protected		TO3
98♦	LM245K5.0	5.0 -	3.0	2.5	20	15m	2F		VR080	TO3
99♦	LM145K	5.0 -	3.0	2.8	20	25	5F		1LM45KX	CN48a
100♦	LM245K	5.0 -	3.0	2.8	20	25	2F		1LM45KX	CN48a
101♦	LM345K	5.0 -	3.0	2.8	20	25	0C		1LM45KX	CN48a
102	SI-3554M	5.0	3.0	4.0	35	65	27		VR113	TO3
103	MI42070-055	5.0	5.0	6.0	40	80	07		VR173	TO3
104	LM309	5	10	30	35	5	0C	for local reg; over current limiting;thermal prot		CN96
105	MC7905.2CP	5.2 -		2.0	35	2.0	0C		VR116	MT1
106	LM120H5.2	5.2 -	500m		25	2.0	5C		VR187	CN38d
107	LM220H5.2	5.2 -	500m		25	2.0	2F		VR187	CN38d
108	LM320H5.2	5.2 -	500m		25	2.0	0C		VR187	CN38d
109♦	LM320MP5.2	5.2 -	500m	2.3	25		0C		VR152	Y202a
110♦	TDB2905ASP	5.2 -	1.0		10 -	20	07			Y220a

7. POWER-MANAGEMENT CIRCUITS – Fixed Linear Voltage Regulator (cont'd)

IN ORDER OF (1) VO NOM (2) IL MAX (3) VI-VO MIN (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] VO NOM (V)	[2] IL MAX (A)	[3] VI-VO MIN (V)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP - CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1	LM120K5.2	5.2 -	1.5		25	20	5C		VR187	TO3
2	LM220K5.2	5.2 -	1.5		25	20	2F		VR187	CN48a
3	LM320K5.2	5.2 -	1.5		25	20	0C		VR187	CN48a
4♦	LM320KC5.2	5.2 -	1.5		25		0C		VR187	CN⍁
5	LM320T5.2	5.2 -	1.5		25	15	0C		VR152	MT3
6♦	LM7905.2CK	5.2 -	1.5		35		07		VR152	CN⍁
7♦	LM7905.2CT	5.2 -	1.5		35		07		VR152	MT3
8♦	PMC18K5.2	5.2 -	1.5	2.0	35	15	5F		VR136	TO3
9	LAS18052	5.2 -	1.5	2.1	35	15	5E		VR169	CN48b
10♦	uA7952UC	5.2 -	2.1		35					
11♦	LM245K5.2	5.2 -	3.0	2.3	20	15m	2F		VR080	TO3
12	MC78T06CT	6.0			35	X	0C		VR241	Y220
13▾	TDD1606	6.0					XF	Voltage stabilizer w/current limiting 1.0A		MT6
14♦	uA78C06U1C	6.0			35		07		VR091	
15	MC78M06CP	6.0		2.0	35	2.0	0C		VR091	MT1
16	MC7906CP	6.0 -		2.0	35	2.0	0C		VR116	MT1
17♦	uA79M06U1C	6.0 -	40u		35		07		VR163	MT5
18♦	uA78M06UV	6.0	39m	1.1	35		48		VR165a	MT24a
19♦	uA78M06U1C	6.0	39m	1.1	35		0F		VR165a	MT24a
20♦	LM78L06ACH	6.0	100m		30		07		VR148	CN38d
21♦	LM78L06CH	6.0	100m		30		07		VR148	CN38d
22♦	LM140LAH6.0	6.0	100m	2.0	35	27m	5C		VR148	CN40
23♦	LM240LAH6.0	6.0	100m	2.0	35	27m	28		VR148	CN40
24♦	LM340LAH6.0	6.0	100m	2.0	35	27m	07		VR148	CN40
25♦	SN72406L	6.0	150m	3.0	40	800m	07			TO99
26♦	SN72406P	6.0	150m	3.0	40	800m	07			DL8d
27♦	LM342P6.0	6.0	200m		30		07		VR187	MT4
28♦	78M06BE	6.0	200m	2.0	30		5C		VR125	TO39
29	78M06CE	6.0	200m	2.0 X	30		08		VR125	TO39
30♦	SL78L06	6.0	200m	12 X	30		08			TO39
31♦	LM320MLP6.0	6.0 -	250m		35	7.5	07		VR201	MT4
32♦	LM78M06CP	6.0	500m		35		07		VR194	MT4
33♦	LM79M06ACH	6.0 -	500m		35		0C		VR187	CN38d
34♦	LM79M06ACP	6.0 -	500m		35		0C		VR187	MT4
35♦	LM341P6.0	6.0	500m		35	7.5	07		VR199a	MT4
36♦	uA79M06AHC	6.0 -	500m		35		0E		VR163	TO39
37♦	uA79M06AUC	6.0 -	500m		35		0E		VR163	Y220b
38♦	uA79M06HM	6.0 -	500m		35		5E		VR163	TO39
39	LM120H6.0	6.0 -	500m	2.0	25	2.0 X	5F		VR152	CN40
40	LM220H6.0	6.0 -	500m	2.0	25	2.0 X	2F		VR152	CN40
41	LM320H6.0	6.0 -	500m	2.0	25	2.0 X	0C		VR152	CN40
42	LM320MP6.0	6.0 -	500m	2.5	25	7.5 X	0C		VR152	Y202a
43♦	VR1060	6.0	500m	3.0	40	2.0				14-3b
44	828AV6	6.0	500m	3.5	45	1.5	5C			
45	838AV6	6.0 -	500m	3.5	45	1.5	5C			
46♦	uA79M06UC	6.0	650m	1.1	35	5.0				
47	78M06HC	6.0	700m	2.0	35	5.0	08		VR110	TO39
48	78M06UC	6.0	700m	2.0	35	5.0	08		VR110	Y220b
49	MC7706CG	6.0	750m	2.0	35	800m	0C		VR125	TO39
50	MC7706CP	6.0	750m	2.0	35	2.0	08		VR125	MT1
51♦	MC7706CT	6.0	750m	2.0	35	2.0	0C		VR125a	Y220b
52♦	LM140AK6.0	6.0	1.0		35	20	5C		VR199	CN48a
53♦	LM140K6.0	6.0	1.0		35	20	5C		VR199	CN48a
54♦	LM340AK6.0	6.0	1.0		35	20	07		VR199	CN48a
55♦	LM340AKC6.0	6.0	1.0		35	20	07		VR199	CN⍁
56♦	LM340AT6.0	6.0	1.0		35	15	07		VR199	MT3
57♦	LM340K6.0	6.0	1.0		35	20	07		VR199	CN48a
58♦	LM340KC6.0	6.0	1.0		35	20	07		VR199	CN⍁
59♦	LM340T6.0	6.0	1.0		35	15	07		VR199	MT3
60♦	LM7806CK	6.0	1.0		35		07		VR150	CN⍁
61♦	LM7806CT	6.0	1.0		35		07		VR150	MT3
62♦	ESM1406	6.0	1.0	2.8	20	1.2	07			TO126
63	BN4000	6.0	1.0	10 X		25	3C		VR056	CN32
64	BN4101	6.0	1.0	10 X		15	3C		VR058	CN32a
65♦	LM320KC6.0	6.0 -	1.5		25	20	0C		VR187	CN⍁
66	LM320T6.0	6.0 -	1.5		25	15	0C		VR152	MT3
67♦	LM7906CK	6.0 -	1.5		35		07		VR152	CN⍁
68♦	LM7906CT	6.0 -	1.5		35		07		VR152	MT3
69♦	uA7906KC	6.0 -	1.5		35		0E		VR162	TO3
70♦	uA7906KM	6.0 -	1.5		35		5E		VR162	TO3
71♦	uA7906UC	6.0 -	1.5		35		0E		VR162a	MT5
72♦	LM120K6.0	6.0 -	1.5	2.0	25	20	5F		VR152	TO3
73♦	LM220K6.0	6.0 -	1.5	2.0	25	20	2F		VR152	TO3
74♦	LM320K6.0	6.0 -	1.5	2.0	25	20	0C		VR152	TO3
75	MC7806CP	6.0	1.5	2.0	35	2.0	0C		VR091	MT1
76	PMC18K6	6.0 -	1.5	2.0 X	35	15	5F		VR136	TO3
77	PMC15K6	6.0	1.5	2.3 X	35	15	5F		VR110	TO3
78	LAS1606	6.0	2.0	2.6	30	20	5F		VR182	CN75
79	TDB7806T	6.0	2.2		35		08		VR183	Y220a
80	TDC7806	6.0	2.2		35		5C		VR183	TO3
81	uA7806KC	6.0	2.2		35		0C		VR091	TO3
82	uA7806KM	6.0	2.2		35		5F		VR091	TO3
83	uA7806UV	6.0	2.2		35		28		VR091	MT5
84	7806KC	6.0	2.2	2.0	35	15	08			TO3
85	7806KM	6.0	2.2	2.0	35	15	5C			TO3
86	7806UC	6.0	2.2	2.0	35	15	08			Y220b
87	LAS1906	6.0	5.0	2.6	30	50	5D		VR182	TO3
88	MI42070-065	6.0	5.0	6.0	40	80	07		VR173	TO3
89	MC78M08CP	8.0		2.0	35	2.0	0C		VR091	MT1
90	MC7908CP	8.0 -		2.0	35	2.0	0C		VR116	MT1
91	uA79M08U1C	8.0 -	40u	.75	35	X	07		VR163	MT5
92	uA78M08UV	8.0	39m	1.1 X	35	X	48		VR165a	MT24a
93	uA78M08U1C	8.0	39m	1.1 X	35	X	07		VR165a	MT24a
94♦	LM78L08ACH	8.0	100m		30		07		VR148	CN38d
95♦	LM78L08CH	8.0	100m		30		07		VR148	CN38d
96	LM140LAH8.0	8.0	100m	2.2	35	36mX	5C		VR148	CN40
97	LM240LAH8.0	8.0	100m	2.2	35	36mX	28		VR148	CN40
98	LM340LAH8.0	8.0	100m	2.2	35	36mX	07		VR148	CN40
99♦	LM342P8.0	8.0	200m		30		07		VR187	MT4
100♦	SL78L08	8.0	200m		30		08			TO39
101	78M08BE	8.0	200m	2.0 X	30		5C		VR125	TO39
102	78M08CE	8.0	200m	2.0 X	30		08		VR125	TO39
103	MC7808ACT	8.0	.20	2.0	35	X	0C		VR091f	Y220b
104♦	DVR-8	8.0	200m	2.5	25	2.4				MT12
105	LM320MLP8.0	8.0 -	250m		35	7.5 X	07		VR201a	MT4
106♦	LM78M08CP	8.0	500m		35		07		VR194	MT4
107♦	LM79M08ACH	8.0 -	500m		35		0C		VR187	CN38d
108♦	LM79M08ACP	8.0 -	500m		35		0C		VR187	MT4
109	LM341P8.0	8.0	500m		35	7.5 X	07		VR199a	MT4
110♦	LM120H8.0	8.0 -	500m	2.5	25	2.0	5F		VR152	CN40

LINE No.	[4] TYPE NUMBER	[1] VO NOM (V)	[2] IL MAX (A)	[3] VI-VO MIN (V)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1♦	LM220H8.0	8.0 -	500m	2.5	25	2.0	2F		VR152	CN40
2♦	LM320H8.0	8.0 -	500m	2.5	25	2.0	0C		VR152	CN40
3♦	LM320MP8.0	8.0 -	500m	2.5	25	7.5	0C		VR152	Y202a
4	uA78C08U1C	8.0	500m	5.0	35	7.5 X	0C		VR185	MT24
5♦	uA79M08UC	8.0	650m	1.1	35	5.0				
6	78M08HC	8.0	700m	2.0	35	5.0	08		VR110	TO39
7	78M08UC	8.0	700m	2.0	35	5.0	08		VR110	Y220b
8	MC7708CG	8.0	750m	2.0	35	800m	0C		VR125	TO39
9	MC7708CP	8.0	750m	2.0	35	2.0	08		VR125	MT1
10♦	MC7708CT	8.0	750m	2.0	35	2.0	0C		VR125a	Y220b
11	LM140AK8.0	8.0	1.0		35	20 X	5C		VR199	CN48a
12	LM140K8.0	8.0	1.0		35	20 X	5C		VR199	CN48a
13	LM340AK8.0	8.0	1.0		35	20 X	07		VR199	CN48a
14	LM340AKC8.0	8.0	1.0		35	20 X	07		VR199	CNØ
15	LM340AT8.0	8.0	1.0		35	15 X	07		VR199	MT3
16	LM340K8.0	8.0	1.0		35	20 X	07		VR199	CN48a
17	LM340KC8.0	8.0	1.0		35	20 X	07		VR199	CNØ
18	LM340T8.0	8.0	1.0		35	15 X	07		VR199	MT3
19♦	LM7808CK	8.0	1.0		35		07		VR150	CNØ
20	LM7808CT	8.0	1.0		35	X	07		VR150	MT3
21♦	LM320KC8.0	8.0 -	1.5		25	20	0C		VR187	CNØ
22	LM320T8.0	8.0 -	1.5		25	15	0C		VR152	MT3
23	LM7908CK	8.0 -	1.5		35	X	07		VR152	CNØ
24	LM7908CT	8.0 -	1.5		35	X	07		VR152	MT3
25	MC7808CP	8.0	1.5	2.0	35	2.0	0C		VR091	MT1
26	PMC18K8	8.0 -	1.5	2.0 X	35	15	5F		VR136	TO3
27	PMC15K8	8.0	1.5	2.3 X	35	15	5F		VR110	TO3
28	LAS1408	8.0	1.5	2.5	35	15	5E		VR168	CN48b
29♦	LM120K8.0	8.0 -	1.5	2.5	25	20	5F		VR152	TO3
30♦	LM220K8.0	8.0 -	1.5	2.5	25	20	2F		VR152	TO3
31♦	LM320K8.0	8.0 -	1.5	2.5	25	20	0C		VR152	TO3
32	TDB7808	8.0	2.2		35		08		VR183	TO3
33	TDB7808T	8.0	2.2		35		08		VR183	Y220a
34	TDC7808	8.0	2.2		35		5C		VR183	TO3
35	uA7808UV	8.0	2.2		35		28		VR091	MT5
36	7808KC	8.0	2.2	2.0	35	15	08			TO3
37	7808KM	8.0	2.2	2.0	35	15	5C			TO3
38	7808UC	8.0	2.2	2.0	35	15	08			Y220b
39	LAS1908	8.0	5.0	2.6	30	50	5D		VR182	TO3
40	MI42070-085	8.0	5.0	6.0	40	80	07		VR173	TO3
41	uA78C82U1C	8.2	350m		35	7.5 X	0C		VR188	MT24a
42	L2085CT	8.5			37	X	2F		VR222	TO3
43	L2085CV	8.5			37	X	2F		VR222	Y220
44	L2085T	8.5			37	X	5F		VR222	TO3
45▼	TDD1608	8.5					XF	Voltage stabilizer w/current limiting 1.0A		MT6
46	TDA1032	8.5	40m	2.0	20		2C		VR133	TO92
47♦	20-216A	8.5	200m		40	1.8				
48♦	20-216B	8.5	200m		40	1.8				
49	uA7885KC	8.5	1.5		35	X	0E		VR091	TO3
50	uA7885KM	8.5	1.5		35	X	5E		VR091	TO3
51♦	ZN401T	9.0			36	300m	6C		VR062	CNØ
52♦	SN72409L	9.0	150m	3.0	40	800m	07			TO99
53♦	SN72409P	9.0	150m	3.0	40	800m	07			DL8d
54	LM220H9.0	9.0 -	200m		30	2.0 X	2F		VR152a	CN40
55	LM120H9.0	9.0 -	200m	2.5	30	2.0 X	5F		VR152a	CN40
56	LM320H9.0	9.0 -	200m	2.5	30	2.0 X	0C		VR152a	CN40
57	LM320MP9.0	9.0 -	500m	2.5	30	7.5 X	0C		VR152a	Y202a
58♦	VR1090	9.0	500m	3.0	40	2.0				14-3b
59	828AV9	9.0	500m	3.5	45	1.5	5C			
60	838AV9	9.0 -	500m	3.5	45	1.5	5C			
61	LM320KC9.0	9.0 -	1.0		35	20 X	0C		VR152a	CNØ
62	LM120K9.0	9.0 -	1.0	2.0	32	20 X	5F		VR152a	TO3
63	LM220K9.0	9.0 -	1.0	2.0	32	20 X	2F		VR152a	TO3
64	LM320K9.0	9.0 -	1.0	2.5	30	20 X	0C		VR152a	TO3
65	LM320T9.0	9.0 -	1.0	2.5	35	15 X	0C		VR152a	Y220b
66	LM7909CK	9.0 -	1.5		35	X	07		VR152	CNØ
67	LM7909CT	9.0 -	1.5		35	X	07		VR152	MT3
68	MI42070-095	9.0	5.0	6.0	40	80	07		VR173	TO3
69	MC79M05CT	-5		1.1	-35	X	0C		VR116a	MT74
70♦	MT105-883	10			50	500m	5E			CN1c
71▼	TDD1610	10.0					XF	Voltage stabilizer w/current limiting 1.0A		MT6
72♦	R675B-2	10	15m	5.5	20	300m	5C			TO99
73♦	R675C-2	10	15m	5.5	20	300m	07			TO99
74	LM78L10ACH	10	100m		30	X	07		VR148	CN38d
75	LM78L10CH	10	100m		30	X	07		VR148	CN38d
76	LM140LAH10	10	100m	2.2	35	45mX	5C		VR148	CN40
77	LM240LAH10	10	100m	2.2	35	45mX	28		VR148	CN40
78	LM340LAH10	10	100m	2.2	35	45mX	07		VR148	CN40
79	LM342P10	10	200m		35	X	07		VR187	MT4
80♦	ESM700	10	220m	1.7	16		4C			TO126
81	TCA700	10	220m	1.7	16		4C		VR131	TO126
82	LM320MLP10	10 -	250m		35	7.5 X	07		VR201a	MT4
83	LM78M10CP	10	500m		35	X	07		VR194	MT4
84	LM341P10	10	500m		35	X	07		VR199a	MT4
85	uA78C10U1C	10	500m	5.0	35	7.5 X	0C		VR185	MT24
86♦	ESM1410	10	900m	3.0	27	1.2	07			TO126
87	LM140AK10	10	1.0		35	20 X	5C		VR199	CN48a
88	LM140K10	10	1.0		35	20 X	5C		VR199	CN48a
89	LM340AK10	10	1.0		35	20 X	07		VR199	CN48a
90	LM340AKC10	10	1.0		35	20 X	07		VR199	CNØ
91	LM340AT10	10	1.0		35	15 X	07		VR199	MT3
92	LM340K10	10	1.0		35	20 X	07		VR199	CN48a
93	LM340KC10	10	1.0		35	20 X	07		VR199	CNØ
94	LM340T10	10	1.0		35	15 X	07		VR199	MT3
95	LM7810CK	10	1.0		35	X	07		VR150	CNØ
96	LM7810CT	10	1.0		35	X	07		VR150	MT3
97	PMC18K10	10 -	1.5	2.0 X	35	15	5F		VR136	TO3
98	PMC15K10	10	1.5	2.3 X	35	15	5F		VR110	TO3
99	LAS1410	10	1.5	2.5	35	15	5E		VR168	CN48b
100	LAS1610	10	2.0	2.6	30	20	5F		VR182	CN75
101	MI42070-105	10	5.0	6.0	40	80	07		VR173	TO3
102	LM300F	11	12m		35	500m§	07		3LM00FX	FP37
103	LA300F	11	25m	3.0	35	400m	07		3LM00FX	TO91
104	LA300G	11	25m	3.0	35	400m	07		3LM00GX	CN7
105	LA300H	11	25m	3.0	35	400m	07		3LM00GX	CN1c
106▼	TDD1612	12.0					XF	Voltage stabilizer w/current limiting 1.0A		MT6
107	MC78M12CP	12		2.0	35	2.0	0C		VR091	MT1
108	MC7912CP	12 -		2.0	35	2.0	0C		VR116	MT1
109	TCA710A	12		2.0	25		2C		VR132	TO126
110	829CE	12		30	30		6A		VR135	TO39

LINE No.	4 TYPE NUMBER	1 VO NOM (V)	2 IL MAX (A)	3 VI-VO MIN (V)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1	829BE	12		35	40		5C		VR135	TO39
2	uA79M12U1C	12 -	40u	.75	35	X	07		VR163	MT5
3	SG300J	12	20m	3.0	30	1.0	07		3LM00NX	DL14bk
4	SG300M	12	20m	3.0	30	400m	07		3LM00GX	DL8h
5	SG300Y	12	20m	3.0	30	800m	07		3LM00GX	DL8s
6	uA78M12RM	12	39m	1.1 X	35	X	27		VR165a	MT24a
7	uA78M12UV	12	39m	1.1 X	35	X	48		VR165a	MT24a
8	uA78M12U1C	12	39m	1.1 X	35	X	07		VR165a	MT24a
9	uA79M12AUV	12 -	39m	1.1 X	35	X	48		VR163	MT5
10	LM127H	12 -	100m	2.0	30		5C		1LM25HX	CN10b
11	LM226H	12 ±	100m	2.0	30		28		1LM25HX	CN10p
12	LM227H	12 -	100m	2.0	30		28		1LM25HX	CN10p
13	LM326N	12 ±	100m	2.0	30	1.0	07		1LM25HX	DL14z
14	LM326S	12 ±	100m	2.0	30	5.0	07		1LM25HX	14T7
15	LM327H	12 -	100m	2.0	30	2.0	07		1LM25HX	CN10p
16	LM327N	12 -	100m	2.0	30	1.0	07		1LM25HX	DL14z
17	LM327S	12 -	100m	2.0	30	5.0	07		1LM25HX	14T7
18	LM240LAH12	12	100m	2.2	35	54mX	28		VR148	CN40
19♦	SN72412L	12	150m	3.0	40	800m	07			TO99
20♦	SN72412P	12	150m	3.0	40	800m	07			DL8d
21	LM220H12	12 -	200m		35	2.0	2F		VR109	CN38d
22♦	SL78L12	12	200m		35		08			TO39
23♦	TDB2912CM	12 -	200m		35 -	2.0	07			TO39
24♦	TDC2912CM	12	200m		35	2.0	5C			TO39
25	78M12BE	12	200m	2.0 X	35		5C		VR125	TO39
26	78M12CE	12	200m	2.0 X	35		08		VR125	TO39
27♦	DVR2802B3	12	200m	2.5	55	1.8	5C			CN2
28♦	DVR2803B3	12 -	200m	2.5	55 -	1.8	5C			CN2
29♦	NC501	12	250m	2.0	40	1.2	5C			CN34
30♦	NC503	12 -	250m	2.0	40 -	1.2	5C			CN34
31♦	VR1120	12	500m	3.0	40	2.0				14-3b
32	828AV12	12	500m	3.5	45	1.5	5C			
33	838AV12	12 -	500m	3.5	45	1.5	5C			
34	uA78C12U1C	12	500m	5.0	35	7.5 X	0C		VR185	MT24
35	L036T1	12	500m	14 X	27	3.2	07		VR078	TO3
36	TBA325B	12	500m	14 X	27	3.2	07		VR078	TO3
37	78M12HC	12	700m	2.0	35	5.0	08		VR110	TO39
38	78M12UC	12	700m	2.0	35	5.0	08		VR110	Y220b
39♦	uA79M12UC	12	750m	1.1	35	5.0				
40	MC7712CG	12	750m	2.0	35	800m	0C		VR125	TO39
41	MC7712CP	12	750m	2.0	35	2.0	08		VR125	MT1
42♦	MC7712CT	12	750m	2.0	35	2.0	0C		VR125a	Y220b
43	LM220K12	12 -	1.0		35	20	2F		VR109	CN48a
44	LM340AKC12	12	1.0		35	20 X	07		VR199	CNØ
45♦	SI-3120T	12	1.0		30					
46	SI-3120E	12	1.0	4.0	55	25	2A		VR082	TO3
47	BN4001	12	1.0	16 X		25	3C		VR056	CN32
48	BN4102	12	1.0	16 X		15	3C		VR058	CN32a
49	MC7812CP	12	1.5	2.0	35	2.0	0C		VR091	MT1
50	PMC18K12	12 -	1.5	2.0 X	35	15	5F		VR136	TO3
51	PMC15K12	12	1.5	2.3 X	35	15	5F		VR110	TO3
52	SI-3120M	12	1.5	4.0	40	30	1A		VR123	TO3
53▼	uPC4	12.0	2.0		25.0	500m	17	Voltage regulator circuit using external zener		
54	TDB7812	12	2.2		35		08		VR183	TO3
55	TDB7812T	12	2.2		35		08		VR183	Y220a
56	TDC7812	12	2.2		35		5C		VR183	TO3
57	uA7812UV	12	2.2		35		28		VR091	MT5
58	7812KC	12	2.2	2.0	35	15	08			TO3
59	7812KM	12	2.2	2.0	35	15	5C			TO3
60	7812UC	12	2.2	2.0	35	15	08			Y220b
61	MI42070-125	12	5.0	6.0	40	80	07		VR173	TO3
62♦	WC330R	14	2.0	3.0	30	5.0	07			
63	uA78CBKC	14	2.0	4.6	35	20 X	0E		VR091	TO3
64	uA78CBUC	14	2.0	4.6	35	20 X	0E		VR091	MT5
65	MI42070-145	14	5.0	6.0	40	80	07		VR173	TO3
66▼	TDD1615	15.0					XF	Voltage stabilizer w/current limiting 800mA		MT6
67	CMC513-2	15		1.5	35	500m	5C		VR008	CN15
68	CMC513-3	15		1.5	35	300m	07		VR008	CN15
69	CMC513-4	15		1.5	35	500m	07		VR009	CN12
70	MC78M15CP	15		2.0	35	2.0	0C		VR091	MT1
71	MC7915CP	15 -		2.0	35	2.0	0C		VR116	MT1
72	MT304	15 -		2.0	40	500m	07		1LM04HX	CN10e
73	830CE	15		30	30		6A		VR135	TO39
74	830BE	15		35	40		5C		VR135	TO39
75	uA79M15U1C	15 -	40u	.75	35	X	07		VR163	MT5
76♦	VR401	15	3.0m		18					DL14g
77	LM304F	15 -	20m		40	500m	07		1LM04HX	FP37
78	uA304HC	15 -	20m	2.0	40	500m	07		1LM04HX	TO100
79	uA78M15U1C	15	39m	1.1 X	35	X	07		VR165a	MT24a
80♦	2105	15	50m	15	25	300m	07		VR038a	TO105
81	LM225H	15 ±	100m	2.0	30		28		1LM25HX	CN10p
82	LM325AS	15 ±	100m	2.0	30	5.0	07		1LM25HX	14T7
83	LM325S	15 ±	100m	2.0	30	5.0	07		1LM25HX	14T7
84	LM240LAH15	15	100m	2.3	35	67mX	28		VR148	CN40
85	825CU	15	100m	3.0	40	400m§	$A		VR067	CN12
86	RM4195DN	15 ±	100m	3.0	30	600m	5C		41LM95TX	DL8g
87♦	SN72415L	15	150m	3.0	40	800m	07			TO99
88♦	SN72415P	15	150m	3.0	40	800m	07			DL8d
89	LM220H15	15 -	200m		40	2.0	2F		VR109	CN38d
90♦	SL78L15	15	200m		35		08			TO39
91	78M15BE	15	200m	2.0 X	35		5C		VR125	TO39
92	78M15CE	15	200m	2.0 X	35		08		VR125	TO39
93♦	226	15	200m	2.5	40	1.8	5H			CN2
94♦	226A	15	200m	2.5	40	1.8	5H			CN2
95♦	226B	15	200m	2.5	40	1.8	5H			CN2
96♦	T2002J	15	200m	2.5	30	800m	07			TO116
97♦	T2002V	15	200m	2.5	30	800m	07			TO100
98♦	TVR2002	15	200m	2.5	30	800	07			TO100
99♦	NC573	15 ±	200m	3.0	20 ±	1.8	5C	Dual-tracking		
100♦	TDB2915CM	15 -	200m	30	40 -	2.0	07			TO39
101♦	TDC2915CM	15	200m	30	40	2.0	5C			TO39
102♦	NC572	15	250m	1.0	40	1.8	5H			CN35
103♦	VR1150	15	250m	2.0	40	1.5	48			14-3b
104♦	216	15	350m	8.0	40	1.8	5H			CN2
105♦	216A	15	350m	8.0	40	1.8	5H			CN2
106♦	216B	15	350m	8.0	40 -	1.8	5H			CN2
107	TBA325C	15	400m	17 X	27	3.2	07		VR078	TO3
108	828AV15	15	500m	3.5	45	1.5	5C			
109	838AV15	15 -	500m	3.5	45	1.5	5C			
110	uA78C15U1C	15	500m	5.0	35	7.5 X	0C		VR185	MT24

LINE No.	[4] TYPE NUMBER	[1] VO NOM (V)	[2] IL MAX (A)	[3] VI-VO MIN (V)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1♦	NC581	15	625m	2.0	40	1.8	5H			CN2c
2♦	NC583	15 -	625m	2.0	40 -	1.8	5H			CN2c
3	78M15HC	15	700m	2.0	35	5.0	08		VR110	TO39
4	78M15UC	15	700m	2.0	35	5.0	08		VR110	Y220b
5♦	uA79M15UC	15	750m	1.1	35	5.0				
6	MC7715CG	15	750m	2.0	35	800m	0C		VR125	TO39
7	MC7715CP	15	750m	2.0	35	2.0	08		VR125	MT1
8♦	MC7715CT	15	750m	2.0	35	2.0	0C		VR125a	Y220b
9	LM220K15	15 -	1.0		40	20	2F		VR109	CN48a
10	LM340AKC15	15	1.0		35	20 X	07		VR199	CNØ
11♦	SI-3150T	15	1.0		35					
12	MC7815CP	15	1.0	2.0	35	2.0	0C		VR091	MT1
13	JANM38510/10708BYA	15	1.0	3.5	35	3.6 X	5C		VR186b	TO3
14	SI-3150E	15	1.0	4.0	55	25	2A		VR082	TO3
15	PMC18K15	15 -	1.5	2.0 X	40	15	5F		VR136	TO3
16	PMC15K15	15	1.5	2.3 X	40	15	5F		VR110	TO3
17	SI-3150M	15	1.5	4.0	45	30	1A		VR123	TO3
18	7815KM	15	2.0	2.0	35	15	5C			TO3
19	7815UC	15	2.0	2.0	35	15	08			Y220b
20	TDB7815	15	2.1		35		08		VR183	TO3
21	TDB7815T	15	2.1		35		08		VR183	Y220a
22	TDC7815	15	2.1		35		5C		VR183	TO3
23	uA7815UV	15	2.1		35		28		VR091	MT5
24	7815KC	15	2.1	2.0	35	15	08			TO3
25	MI42070-155	15	5.0	6.0	40	80	07		VR173	TO3
26	MT100F	16	3.0m	3.0	40	500m	5E		3LM00FX	FP18
27	MT100M	16	3.0m	3.0	40	500m	5E		3LM00GX	CN1c
28	MT200F	16	3.0m	3.0	40	400m	28		3LM00FX	FP18
29	MT200M	16	3.0m	3.0	40	400m	28		3LM00GX	CN1c
30	LM100F	16	12m	3.0	40	800m§	5C		3LM00FX	FP37
31	LM200F	16	12m	3.0	40	800m§	5C		3LM00FX	FP37
32	LM200H	16	12m	3.0	40	800m§	5C		3LM00GX	CN1d
33	SG200J	16	20m	3.0	40	1.0	07		3LM00NX	DL14bk
34	SG200M	16	20m	3.0	40	400m	07		3LM00GX	DL8h
35	SG200N	16	20m	3.0	40	600m	07		3LM00NX	DL14u
36	SG200T	16	20m	3.0	40	680m	07		3LM00GX	TO99
37	SG200Y	16	20m	3.0	40	800m	07		3LM00GX	DL8s
38	LA100F	16	25m	3.0	40	500m	5E		3LM00FX	TO91
39	LA100G	16	25m	3.0	40	500m	5E		3LM00GX	CN1c
40	LA100H	16	25m	3.0	40	500m	5E		3LM00GX	CN1c
41	LA200F	16	25m	3.0	40	400m	5E		3LM00FX	TO91
42	LA200G	16	25m	3.0	40	400m	07		3LM00GX	CN1c
43	LA200H	16	25m	3.0	40	400m	28		3LM00GX	CN1a
44	LM300	16	25m	3.0	40	400m§	07		3LM00GX	CN7
45	SG100N	16	40m	3.0	40	400m§	5C		3LM00NX	DL14u
46♦	uA79GU1C	16 -	1.5		40		0C	Thermally Protected	VR142	MT2
47	LAS14U	16	3.0	2.5	40	30	5E		VR168a	CN57a
48	MI42070-165	16	5.0	6.0	40	80	07		VR173	TO3
49	uA78C17U1C	17	500m	5.0	35	7.5 X	0C		VR185	MT24
50▼	TDD1618	18.0					XF	Voltage stabilizer w/current limiting 600mA		MT6
51	MC78M18CP	18		2.0	35	2.0	0C		VR091	MT1
52	MC7918CP	18 -		2.0	35	2.0	0C		VR116	MT1
53	ML78L18	18	40m	27 X	35	500m	07		VR227	TO92
54	ML78L18A	18	40m	27 X	35	500m	07		VR227	TO92
55	LM78L18ACH	18	100m		35	X	07		VR148	CN38d
56	LM78L18CH	18	100m		35	X	07		VR148	CN38d
57	LM140LAH18	18	100m	2.4	35	81mX	5C		VR148	CN40
58	LM240LAH18	18	100m	2.4	35	81mX	28		VR148	CN40
59	LM340LAH18	18	100m	2.4	35	81mX	07		VR148	CN40
60♦	SN72418L	18	150m	3.0	40	800m	07			TO99
61♦	SN72418P	18	150m	3.0	40	800m	07			DL8d
62	LM220H18	18 -	200m		35	2.0 X	2F		VR152a	CN40
63	LM342P18	18	200m		35	X	07		VR187	MT4
64♦	SL78L18	18	200m		35		08			TO39
65	LM120H18	18 -	200m	2.5	35	2.0 X	5F		VR152a	CN40
66	LM320H18	18 -	200m	2.5	35	2.0 X	0C		VR152a	CN40
67♦	PH5203	18	200m	5.0	40	750m	5C			
68	LM320MLP18	18 -	250m		35	7.5 X	07		VR201a	MT4
69	LM78M18CP	18	500m		35	X	07		VR194	MT4
70	LM341P18	18	500m		35	7.5 X	07		VR199a	MT4
71	MC7718CP	18	500m	2.0	35	2.0	08		VR125	MT1
72	LM320MP18	18 -	500m	3.0	35	7.5 X	0C		VR152a	Y202a
73	uA78C18U1C	18	500m	5.0	35	7.5 X	0C		VR185	MT24
74	MC7718CG	18	750m	2.0	35	800m	0C		VR125	TO39
75♦	MC7718CT	18	750m	2.0	35	2.0	0C		VR125a	Y220b
76	LM140AK18	18	1.0		35	20 X	5C		VR199	CN48a
77	LM140K18	18	1.0		35	20 X	5C		VR199	CN48a
78	LM320KC18	18 -	1.0		40	20 X	0C		VR152a	CNØ
79	LM320T18	18 -	1.0		35	15	0C		VR152a	MT3
80	LM340AK18	18	1.0		35	20 X	07		VR199	CN48a
81	LM340AKC18	18	1.0		35	20 X	07		VR199	CNØ
82	LM340AT18	18	1.0		35	15 X	07		VR199	MT3
83	LM340K18	18	1.0		35	20 X	07		VR199	CN48a
84	LM340KC18	18	1.0		35	20 X	07		VR199	CNØ
85	LM340T18	18	1.0		35	15 X	07		VR199	MT3
86	LM7818CK	18	1.0		35	X	07		VR150	CNØ
87	LM7818CT	18	1.0		35	X	07		VR150	MT3
88	LM120K18	18 -	1.0	2.5	35	20 X	5F		VR152a	TO3
89	LM220K18	18 -	1.0	2.5	35	20 X	2F		VR152a	TO3
90	LM320K18	18 -	1.0	2.5	35	20 X	0C		VR152a	TO3
91	BN4002	18	1.0	22 X		25	3C		VR056	CN32
92	BN4103	18	1.0	22 X		15	3C		VR058	CN32a
93	LM7918CK	18 -	1.5		35	X	07		VR152	CNØ
94	LM7918CT	18 -	1.5		35	X	07		VR152	MT3
95	uA7918KC	18 -	1.5		35	X	0E		VR162	TO3
96	uA7918KM	18 -	1.5		35	X	5E		VR162	TO3
97	uA7918UC	18 -	1.5		35	X	0E		VR162a	MT5
98	MC7818CP	18	1.5	2.0	35	2.0	0C		VR091	MT1
99	PMC18K18	18 -	1.5	2.0 X	40	15	5F		VR136	TO3
100	PMC15K18	18	1.5	2.3 X	40	15	5F		VR110	TO3
101	7818KM	18	2.0	2.0	35	15	5C			TO3
102	TDB7818	18	2.1		35		08		VR183	TO3
103	TDB7818T	18	2.1		35		08		VR183	Y220a
104	TDC7818	18	2.1		35		5C		VR183	TO3
105	uA7818UV	18	2.1		35		28		VR091	MT5
106	7818KC	18	2.1	2.0	35	15	08			Y220b
107	7818UC	18	2.1	2.0	35	15	08			Y220b
108	MI42070-185	18	5.0	6.0	40	80	07		VR173	TO3
109	uA78CGU1C	19			40		07		VR091	
110	LM104L	19 -	20m	2.0	50	800m	5C		1LM04HX	CN10q

LINE No.	[4] TYPE NUMBER	[1] VO NOM (V)	[2] IL MAX (A)	[3] VI-VO MIN (V)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP - / CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	LM204L	19 -	20m	2.0	50	800m	28		1LM04HX	CN10q
2	LM304L	19 -	20m	2.0	40	800m	07		1LM04HX	CN10q
3♦	SN52104JA	19 -	20m	2.0	50	800m	5C		1LM04NX	14-25
4	MB3752K	19	150m	3.0	40	800m	07		VR160a	CN17c
5	UC4723C	19	150m	3.0	40	800m	07		7LM23H	TO100
6	LA104H	20 -		2.0	50	500m	5C		1LM04HX	TO100
7	LA204H	20 -		2.0	50	500m	28		1LM04HX	TO100
8	LA304H	20 -		2.0	50	500m	07		1LM04HX	TO100
9	LM104F	20 -		2.0	50	500m	5C		1LM04HX	FP37
10	LM104H03	20		2.0	50	500m	5C		1LM04HX	TO100
11	MC78M20CP	20		2.0	40	2.0	0C		VR091	MT1
12	MT104	20 -		2.0	50	500m	5C		1LM04HX	CN10e
13	MT204	20 -		2.0	50	500m	28		1LM04HX	CN10e
14	uA79M20U1C	20 -	40u	.75	35	X	07		VR163	MT5
15	LM204F	20 -	20m		50	500m	28		1LM04HX	FP37
16	uA104HM	20 -	20m	2.0	50	500m	5C		1LM04HX	TO100
17	LM104F883	20	25m	2.0	50	500m§	5C		1LM04HX	FP2
18	LM204	20	25m	2.0	50	500m§	07		1LM04HX	CN10e
19	uA78M20UV	20	39m	1.1 X	35	X	48		VR165a	MT24a
20	uA78M20U1C	20	39m	1.1 X	35	X	07		VR165a	MT24a
21	78M20BE	20	200m	2.0 X	40		5C		VR125	TO39
22	78M20CE	20	200m	2.0 X	40		08		VR125	TO39
23♦	SL78L20	20	200m	3.0	45		08			TO39
24	uA78M20HC	20	500m		40	X	0E		VR165b	TO39
25	uA78M20HM	20	500m		40	X	5E		VR165b	TO39
26	uA78M20UC	20	500m		40	X	0E		VR165a	Y220b
27	uA79M20AHC	20 -	500m		40	X	0E		VR163	TO39
28	uA79M20AUC	20 -	500m		40	X	0E		VR163	Y220b
29	uA79M20HM	20 -	500m		40	X	5E		VR163	TO39
30	uA78C20U1C	20	500m	5.0	40	7.5 X	0C		VR185	MT24
31	78M20HC	20	700m	2.0	40	5.0	08		VR110	TO39
32	78M20UC	20	700m	2.0	40	5.0	08		VR110	Y220b
33♦	uA79M20UC	20	750m	1.1	40	5.0				
34	MC7720CG	20	750m	2.0	40	800m	0C		VR125	TO39
35	MC7720CP	20	750m	2.0	40	2.0	08		VR125	MT1
36♦	MC7720CT	20	750m	2.0	40	2.0	0C		VR125a	Y220b
37	PMC18K20	20 -	1.5	2.0 X	40	15	5F		VR136	TO3
38	PMC15K20	20	1.5	2.3 X	40	15	5F		VR110	TO3
39	MI42070-204	20	4.0	6.0	40	80	07		VR173	TO3
40	LM376N8	21		3.0	40	400m	07		VR070	DL8af
41	uA78C22U1C	22	500m	5.0	40	7.5 X	0C		VR185	MT24
42	MI42070-224	22	5.0	6.0	40	80	07		VR173	TO3
43♦	NC530	23	250m	2.0	40	500m	5C			CN17a
44▼	TDD1624	24.0					XF	Voltage stabilizer w/current limiting 400mA		MT6
45	MC78M24CP	24		2.0	40	2.0	0C		VR091	MT1
46	MC7924CP	24 -		2.0	40	2.0	0C		VR116	MT1
47	uA79M24U1C	24 -	40u	.75	35	X	07		VR163	MT5
48	uA78M24U1C	24	39m	1.1 X	35	X	07		VR165a	MT24a
49♦	C226	24	100m		80	1.8	5C			CN2k
50	LM78L24ACH	24	100m		40	X	07		VR148	CN38d
51	LM78L24CH	24	100m		40	X	07		VR148	CN38d
52	LM140LAH24	24	100m	2.5	40	108mX	5C		VR148	CN40
53	LM240LAH24	24	100m	2.5	40	108mX	28		VR148	CN40
54	LM340LAH24	24	100m	2.5	40	108mX	07		VR148	CN40
55♦	SN72424L	24	150m	3.0	40	800m	07			TO99
56♦	SN72424P	24	150m	3.0	40	800m	07			DL8d
57	LM220H24	24 -	200m		40	2.0 X	2F		VR152a	CN40
58	LM342P24	24	200m		40	X	07		VR187	MT4
59	78M24BE	24	200m	2.0 X	40		5C		VR125	TO39
60	78M24CE	24	200m	2.0 X	40		08		VR125	TO39
61	LM120H24	24 -	200m	3.0	40	2.0 X	5F		VR152a	CN40
62	LM320H24	24 -	200m	3.0	40	2.0 X	0C		VR152a	CN40
63♦	SL78L24	24	200m	3.0	45		08			TO39
64	LM320MLP24	24 -	250m		40	7.5 X	07		VR201a	MT4
65♦	VR1240	24	250m	2.0	40	1.5	48			14-3b
66	LM78M24CP	24	500m		40	X	07		VR194	MT4
67	LM79M24ACH	24 -	500m		40	X	0C		VR187	CN38d
68	LM79M24ACP	24 -	500m		40	X	0C		VR187	MT4
69	LM341P24	24	500m		40	7.5 X	07		VR199a	MT4
70	uA78M24HM	24	500m		40	X	5E		VR165b	TO39
71	uA79M24AHC	24 -	500m		40	X	0E		VR163	TO39
72	uA79M24AUC	24 -	500m		40	X	0E		VR163	Y220b
73	uA79M24HM	24 -	500m		40	X	5E		VR163	TO39
74	MC7724CP	24	500m	2.0	40	2.0	08		VR125	MT1
75	LM320MP24	24 -	500m	3.0	40	7.5 X	0C		VR152a	Y202a
76♦	VR2240	24 -	500m	3.0	40	2.0				14-3b
77	uA78C24U1C	24	500m	5.0	40	7.5 X	0C		VR185	MT24
78	78M24HC	24	700m	2.0	40	5.0	08		VR110	TO39
79	78M24UC	24	700m	2.0	40	5.0	08		VR110	TO39
80♦	uA79M24UC	24	750m	1.1	40	5.0				
81	MC7724CG	24	750m	2.0	40	800m	0C		VR125	TO39
82♦	MC7724CT	24	750m	2.0	40	2.0	0C		VR125a	Y220b
83	LM140AK24	24	1.0		40	20 X	5C		VR199	CN48a
84	LM140K24	24	1.0		40	20 X	5C		VR199	CN48a
85	LM320KC24	24 -	1.0		42	20 X	0C		VR152a	CNØ
86	LM320T24	24 -	1.0		40	15	0C		VR152a	MT3
87	LM340AK24	24	1.0		40	20 X	07		VR199	CN48a
88	LM340AKC24	24	1.0		40	20 X	07		VR199	CNØ
89	LM340AT24	24	1.0		40	15 X	07		VR199	MT3
90	LM340K24	24	1.0		40	20 X	07		VR199	CN48a
91	LM340KC24	24	1.0		40	20 X	07		VR199	CNØ
92	LM340T24	24	1.0		40	15 X	07		VR199	MT3
93	LM7824CK	24	1.0		40	X	07		VR150	CNØ
94	LM7824CT	24	1.0		40	X	07		VR150	MT3
95♦	SI-3240T	24	1.0		40					
96	MC7824CP	24	1.0	2.0	35	2.0	0C		VR091	MT1
97	LM120K24	24 -	1.0	3.0	40	20 X	5F		VR152a	TO3
98	LM220K24	24 -	1.0	3.0	40	20 X	2F		VR152a	TO3
99	LM320K24	24 -	1.0	3.0	40	20 X	0C		VR152a	TO3
100	SI-3240E	24	1.0	4.0	55	25	2A		VR082	TO3
101	BN4003	24	1.0	28 X		25	3C		VR056	CN32
102	LM7924CK	24 -	1.5		40	X	07		VR152	CNØ
103	LM7924CT	24 -	1.5		40	X	07		VR152	MT3
104	uA7924KC	24 -	1.5		40	X	0E		VR162	TO3
105	uA7924KM	24 -	1.5		40	X	5E		VR162	TO3
106	uA7924UC	24 -	1.5		40	X	0E		VR162a	MT5
107	PMC18K24	24 -	1.5	2.0 X	40	15	5F		VR136	TO3
108	PMC15K24	24	1.5	2.3 X	40	15	5F		VR110	TO3
109	TDB7824	24	2.1		40		08		VR183	TO3
110	TDB7824T	24	2.1		40		08		VR183	Y220a

LINE No.	[4] TYPE NUMBER	[1] VO NOM (V)	[2] IL MAX (A)	[3] VI-VO MIN (V)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TC EO MD PE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1	TDC7824	24	2.1		40		5C		VR183	TO3
2	uA7824UV	24	2.1		40		28		VR091	MT5
3	7824KC	24	2.1	2.0	40	15	08			TO3
4	7824KM	24	2.1	2.0	40	15	5C			TO3
5	7824UC	24	2.1	2.0	40	15	08			Y220b
6	MI42070-244	24	5.0	6.0	40	80	07		VR173	TO3
7♦	4JD13V	25	40m			400m	1C			TO98
8	BN4104	25	1.0	29 X		15	3C		VR058	CN32a
9	MI42070-263	26	5.0	6.0	40	80	07		VR173	TO3
10♦	VR1270	27	250m	2.0	40	1.5	48			14-3b
11♦	VR2270	27 -	500m	3.0	40	2.0				14-3b
12	PMC18K28	28 -	1.5	2.0 X	40	15	5F		VR136	TO3
13	LAS1828	28 -	1.5	2.1	40	15	5E		VR169	CN48b
14	PMC15K28	28	1.5	2.3 X	40	15	5F		VR110	TO3
15	LAS1528	28	1.5	2.4	40	15	5E		VR168	CN48b
16	MI42070-283	28	5.0	6.0	40	80	07		VR173	TO3
17♦	SL78L30	30	200m		45		08			TO39
18	MI42070-303	30	5.0	6.0	40	80	07		VR173	TO3
19♦	VR1320	32	250m	2.0	40	1.5	48			14-3b
20♦	VR2320	32 -	500m	3.0	40	2.0				14-3b
21	MI42070-322	32	5.0	6.0	40	80	07		VR173	TO3
22	MI42070-342	34	5.0	6.0	40	80	07		VR173	TO3
23♦	VR1360	36	250m	2.0	40	1.5	48			14-3b
24♦	VR2360	36 -	500m	3.0	40	2.0				14-3b
25♦	MIVR42051-363	36 -	3.0	5.0	44	120	$F			TO3
26	MIVR42050-364	36	4.0	5.0	44	120	$F		VR206	TO3
27♦	uA79M05UC	50	650m	1.1	35	5.0				
28	MC79M12CT	-12		1.1	-35	X	0C		VR116a	MT74
29	MC79M15CT	-15		1.1	-35	X	0C		VR116a	MT74

ADJUSTABLE LINEAR VOLTAGE REGULATOR

LINE No.	TYPE NUMBER	VO NOM (V)	IL MAX (A)	VI-VO MIN (V)	TOTAL VOLT (V)	PD MAX (W)	TC EO MD PE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
33	TL431CLA					600m	07		4LM31HX	TO39
34	TL431ILA					600m	48		4LM31HX	TO39
35	TL431MLA					600m	5C		4LM31HX	TO39
36	SPH0070			3.0	50	54	5H		VR052	CN22b
37♦	SPH0071			3.0	50	54	5H		VR052a	CN22b
38	SPH0140			3.0	50	54	5H		VR054	CN22b
39	SPH0141			3.0	50	54	5H		VR054	CN22b
40♦	L200C			32	40		2F		VR219	MT14
41	LM723CT			40	7.5	800m	07		7LM23H	TO5
42	LM723T			40	7.5	800m	5C		7LM23H	TO5
43	SG117HYK			60		20	5F	Pos Adj from 1.2 to 57V;.01%/V Line,0.1% Load Req	1LN17KX	TO3
44	L146C			78 Y	80	1.0	2F		VR224	DL14cs
45	SF105J		20m	3.0	50 Ø		5C	Adj from 4.5 to 40V;Line Reg .03%/V typ	1SG05NX	DL147
46	CA3055		115m		40	630m§	5C		30CA55ZX	MO002AL
47	LT137HVH		200m		50	X	5F		1LM17HX	CN389
48	LT337HVH		200m		50	X	0C		1LM17HX	CN389
49	LT137HVK		1.5		50	X	5F		1LM17KX	TO3
50	LT337HVK		1.5		50	X	0C		1LM17KX	TO3
51	TDC0117		2.2	1.2	40		5C		1LM17KX	TO3
52	LT350T		3.0		35	X	0C		Y220	TO220
53	LAS-3905	975m	14	20	25	80	5F		VR209	CN95
54♦	uA78L26HC	2.6	39m	1.7 X	35		07		VR164	CN38e
55♦	uA78L26HM	2.6	39m	1.7 X	35		5C		VR164	CN38e
56	78L02WC	2.6	100m		30	900m	0E		VR164	TO92
57♦	uA78L26AHC	2.6	100m	4.8 X	35		0E		VR164	CN38e
58♦	uA78L26AWC	2.6	100m	4.8 X	35		0E		VR164	TO92
59♦	uA78L26AWV	2.6	100m	4.8 X	35		4E		VR164	TO92
60♦	uA78L05HC	5.0	39m	1.7 X	35		0F		VR164	CN38e
61♦	uA78L05HM	5.0	39m	1.7 X	35		5C		VR164	CN38e
62	NC520	5.0	50m	1.5	40	500m	5C		VR023	CN17a
63	78L05HC	5.0	100m		30	900m	0E		VR164	CN38b
64	78L05WC	5.0	100m		30	900m	0E		VR164	TO92
65♦	uA78L05AHC	5.0	100m	7.0 X	35		0E		VR164	CN38e
66♦	uA78L05AWV	5.0	100m	7.0 X	35		4C		VR164	TO92
67♦	823BN	5.0	150m	2.5	40	900m	5C		7LM23NX	TO116
68♦	723BL	5.0	150m	3.0	40	900m	5C		7LM23NX	DL14af
69♦	723CJ	5.0	150m	3.0	40	780m	07		7LM23NX	TO116
70♦	723CL	5.0	150m	3.0	40	900m	07		7LM23NX	DL14af
71♦	823BL	5.0	150m	3.0	40	900m	5C		7LM23NX	DL14af
72♦	NE550G	5.0	150m	3.0	50	800m	07	Vo 4-5 - 30V		TO91
73♦	SE550G	5.0	150m	3.0	50	800m	5C	Vo 14 - 36V		TO91
74♦	SN52723U	5.0	150m	3.0	40	800m	5C	Vo 2.0 - 37V; Vin 40V max		Δ004AA
75♦	SN72401J	5.0	150m	3.0	40	800m	07	Vo 2.0 - 37V		16-3
76♦	SN72401N	5.0	150m	3.0	40	800m	07	Vo 2.0 - 37V		DL16i
77♦	T1723J	5.0	150m	3.0	40	800m	5C	Vo 2.0 - 37V; Vin 40V max		TO116
78♦	T1723V	5.0	150m	3.0	40	800m	5C	Vo 2.0 - 37V; Vin 40V max		TO100
79♦	T2723J	5.0	150m	3.0	40	800m	07	Vo 2.0 - 37V; Vin 40V max		TO116
80♦	T2723V	5.0	150m	3.0	40	800m	07	Vo 2.0 - 37V; Vin 40V max		TO100
81♦	TVR2723E	5.0	150m	3.0	40	800m	07	Vo 2.0 - 37V; Vin 40V max		TO116
82♦	uA723	5.0	150m	3.0	40	800n		Vo 2.0 - 37V; Vin 40V max		CN10r
83♦	uA723C	5.0	150m	3.0	40	800n		Vo 2.0 - 37V; Vin 40V max		CN10r
84♦	VA5R72331	5.0	150m	3.0	40	800m	5C	Vo 2.0 - 37V; Vin 40V max		TO96
85♦	VA5R72339	5.0	150m	3.0	40	800m	07	Vo 2.0 - 37V; Vin 40V max		TO96
86	HA2109	5.0	200m	1.5	35		5C			TO5
87♦	VR1180	5.0	250m	2.0	40	1.5	48	Vo 14 - 36V		14-3b
88♦	VR1200	5.0	250m	2.0	40	1.5	48	Vo 14. - 36V		14-3b
89♦	VR2180	5.0	500m	3.0	40	2.0		Vo 9.0 - 36V		14-3b
90	CTS870	5.0	750m	10 X	40	10	5C		VR041	CN22a
91	BN4009	5.0	1.0			25	3C		VR057	CN32
92	BN4008	5.0	1.0	9.0 X		25	3C		VR057	CN32
93♦	SG137P	5.0 -	1.5	2.0	10	2.0	SF	Vo from -1.2 to -37V; thermally protected	LM37TX	TO220
94	SI3560M	5.0	1.5	4.0	35	40	27		VR106	TO3
95	SH1705	5.0	5.0	2.0	23	50	0E		VR211	CN57b
96♦	S5723K	5.0	150	3.0	40	800	5C	Vo 2.0 - 37V; Vin 40V max		TO100
97♦	PC521	6.0	200m		28	500m	5C		VR023F	FP7
98♦	PC523	6.0 -	200m		28	500m	5C		VR024F	FP7
99	NC521	6.0	200m	1.5	40	500m	5C		VR023	CN17a
100	NC523	6.0 -	200m	1.5	40	500m	5C		VR024	CN17a
101	BN4004	6.0	1.0			25	3C		VR057	CN32
102♦	uA78L62HC	6.2	39m	1.7 X	35		07		VR164	CN38e
103♦	uA78L62HM	6.2	39m	1.7 X	35		5C		VR164	CN38e
104	78L06WC	6.2	100m		30	900m	0E		VR164	TO92
105♦	uA78L62AHC	6.2	100m	8.4 X	35		0E		VR164	CN38e
106♦	uA78L62AWV	6.2	100m	8.4 X	35		4C		VR164	TO92
107	uA78L82AHC	8.2	100m	10 X	35	X	0E		VR164	CN38e
108	uA78L82AWV	8.2	100m	10 X	35	X	4C		VR164	TO92
109	uA78L09HC	9.0	39m	1.7 X	35	X	07		VR164	CN38e
110	uA78L09AHC	9.0	100m	11 X	35	X	0E		VR164	CN38e

LINE No.	[4] TYPE NUMBER	[1] VO NOM (V)	[2] IL MAX (A)	[3] VI-VO MIN (V)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1	uA78L09AWV	9.0	100m	11 X	35	X	4C		VR164	TO92
2	BN4005	9.0	1.0			25	3C		VR057	CN32
3	MC1560G	9.7	250m	2.7	20	3.0	5C		14LM60GX	CN10b
4	MC1460G	9.7	250m	3.0	20	3.0	07		14LM60GX	CN10b
5	MC1560R	9.7	600m	2.7	20	3.0	5C		14LM60GX	CN30
6	MC1460R	9.7	600m	3.0	20	3.0	07		14LM60GX	CN30
7♦	WC109T	10	150m	5.0	24	833m	07		VR146	CN18b
8♦	NC109T	10	150m	20	24	600m	07		VR036	CN18b
9	MFC4063A	11	200m	3.0	22	1.0	17		VR102	4-2
10	MFC4064A	11	200m	3.0	22	1.0	17		VR102	4-2
11	MFC6033A	11	200m	3.0	22	1.0	17		VR103	6-2
12	MFC6034A	11	200m	3.0	22	1.0	17		VR103	6-2
13	8100	12 ±	30m	5.0	40	500m	06		VR034	CN20
14	uA78L12HM	12	39m	1.7 X	35	X	5C		VR164	CN38e
15	78L12HC	12	100m		35	900m	0E		VR164	CN38b
16	78L12WC	12	100m		35	900m	0E		VR164	TO92
17	uA78L12AWV	12	100m		35	X	4C		VR164	TO92
18♦	DVR100A	12	100m	6.0	40	500m	07		VR069	CN17d
19♦	DVR100B	12	100m	6.0	40	500m	5C		VR069	CN17d
20	uA78L12AHC	12	100m	14 X	35	X	0E		VR164	CN38e
21♦	PC501	12	200m		28	500m	5C		VR027a	FP10
22	PC503	12 -	200m		28	500m	5C		VR027	FP10
23♦	PC511H	12	200m		28	500m	5C		VR018F	FP7
24♦	PC513H	12 -	200m		28	500m	5C		VR019F	FP7
25	NC511	12	250m	2.0	40	500m	5C		VR018	CN17a
26♦	NC513	12 -	250m	2.0	40	500m	5C		VR019	CN17a
27♦	PC511	12	250m	2.0	40	500m	5C		VR018F	FP7
28♦	PC513	12 -	250m	2.0	40	500m	5C		VR019F	FP7
29	VRN12	12 -	300m		28	1.0	5F		VR029	FP8
30	VRP12	12	300m		28	1.0	5F		VR028	FP8
31	843V12	12 ±	300m	3.5	35	3.0	5C		VR124	CN2e
32	844V12	12 ±	300m	3.5	35	3.0	5C		VR073	CN2e
33	859	12	750m	2.0	40	1.6	5C			
34	NC562	12	800m		13	1.2	5C		VR025	CN2a
35	NC562B	12	800m		13	1.2	5C		VR025	CN2a
36	BN4006	12	1.0			25	3C		VR057	CN32
37	LM305D	14	12m	3.0	40	500m	07		1LM05HX	14-21
38	MN210	14	50m	4.0	30	400m	5C		VR089	FP7e
39	MN211	14	50m	4.0	30	400m	5C		VR089	FP7e
40	MN212	14	50m	4.0	30	400m	5C		VR089	FP7e
41	MC1467G	14	200m	2.2	25	800m	07		14LM67GX	CN10b
42	MC1467R	14	200m	2.2	25	2.4	07		14LM67GX	CN30
43	MC1567G	14	200m	2.2	30	800m	5C		14LM67GX	CN10b
44	MC1567R	14	200m	2.2	30	2.4	5C		14LM67GX	CN30
45	RC104BL	15 -		500m	40	500m	07		1LM04NX	CH25
46	CMC513	15		1.5	35	500m	5C		VR007	CN11
47	CMC513-1	15		1.5	35	300m	07		VR007	CN11
48♦	CMC5100	15 ±	15m	2.5	40	500m§	5C		VR068	CN1a
49	uA78L15HM	15	39m	1.7 X	35	X	5C		VR164	CN38e
50	2103	15	50m	1.5	25	300m	0A		VR037	TO77
51	2104	15	50m	1.5	25	300m	0A		7LM23HX	TO12
52	78L15HC	15	100m		35	900m	0E		VR164	CN38b
53	78L15WC	15	100m		35	900m	0E		VR164	TO92
54	SG1501T	15 ±	100m	2.0	30	680m	5C		15LM01TX	TO100
55	SG2501T	15 ±	100m	2.0	30	680m	07		15LM01TX	TO100
56	SG3501T	15 ±	100m	2.0	25	680m	07		15LM01TX	TO100
57	XR1468CP	15	100m	2.0	30		07		14LM68LX	DL14bp
58	XR4195CT	15 ±	100m	3.0	30	800m	0C		41LM95TX	TO99
59	CTS873	15 ±	100m	4.0	48	500m	5C		VR040	CN2b
60	uA78L15AHC	15	100m	17 X	35	X	0E		VR164	CN38e
61	uA78L15AWV	15	100m	17 X	35	X	4C		VR164	TO92
62	XR4195MK	15 ±	150m	3.0	30	2.4	5F		41LM95KX	CNØ
63	NC531	15	250m	2.0	40	500m	5C		VR021	CN17a
64	843V15	15 ±	300m	3.5	35	3.0	5C		VR124	CN2e
65	844V15	15 ±	300m	3.5	35	3.0	5C		VR073	CN2e
66♦	VR2200	15	500m	3.0	40	2.0		Vo 9.0 - 36V		14-3b
67	CMC100	16	25m	3.0	40	500m§	5H		VR065	CN1c
68	CMC200	16	25m	3.0	40	400m§	28		VR065	CN1c
69	CMC300	16	25m	3.0	35	300m§	07		VR065	CN7e
70	MIC723-1C	16	150m	3.0	40	800m	5C		7LM23H	CN17d
71	HEPC6049G-RT	16	250m	2.1	35	680m	07		14LM60GX	CN10m
72	XR4194CK	16 ±	250m	3.0	35	3.0	0C		41LM94KX	CNØ
73	uA79MGHC	16 -	500m		40	X	0E		VR140	CN64b
74	HEPC6049R-RT	16	600m	2.1	35	3.0	07		14LM60GX	CN30
75	809	16	750m	2.0	40	1.6	5C			
76	L200	16	1.8	2.5	40	X	5E		VR181	MT14
77	AMLM305	17		3.0	40	500m	07		1LM05HX	TO99
78♦	MCB1723F	17		3.0	40		5C		VR099a	TO86
79	MCBC1723	17		3.0	40		5C		VR099	CH15
80	MT305	17		3.0	40	500m	07		1LM05HX	CN1c
81♦	RC105BL	17 -		3.0	40	400m	07		1LM05JX	CH26
82	LM305F	17	12m		40	800m§	07		1LM05FX	FP37
83	LM105AL	17	12m	3.0	50	800m	5C		1LM05HX	TO99
84	LM105L	17	12m	3.0	50	800m	5C		1LM05HX	CN1k
85	LM205L	17	12m	3.0	50	800m	28		1LM05HX	CN1k
86	LM305L	17	12m	3.0	40	800m	07		1LM05HX	CN1k
87	LM376L	17	25m	3.0	40	800m	07		1LM05HX	CN1k
88	LM305AL	17	45m	3.0	50	800m	07		1LM05HX	CN1k
89	TBA352	17	115m		40	630m§	5C		30CA55ZX	MO002AL
90	MIC723-5C	17	150m	3.0	40	800m	07		7LM23H	CN17d
91♦	SN52723FA	17	150m	3.0	40	650m	5C		7LM23UX	FP2t
92♦	SN72723FA	17	150m	3.0	40	650m	07		7LM23UX	FP2t
93	M5199T	17	200m	9.5	35	650m	27		VR094	TO100
94	MC1461G	17	250m	3.0	35	3.0	07		14LM60GX	CN10b
95	MC1461R	17	600m	3.0	35	3.0	07		14LM60GX	CN30
96	MCC1463	17 -	600m	3.0	35		5C		14LM63GX	CH6
97	M5199Y	17	600m	9.0 X	35	3.3	27		1LM99YX	CN24
98	M5199AY	17	1.0	9.5 X	35	3.3	27		1LM99AX	CN24
99	LM117KA	17	1.5		40	3.5	5C		1LM17HX	TO3
100	LM217KA	17	1.5		40	3.5	2F		1LM17HX	TO3
101	MPC900	17	10	3.5	35	100	5C		VR126	CN52
102	MCC1723	18		3.0	40		5C		7LM23HX	CH12
103	MCC1723C	18		3.0	40		5C		7LM23HX	CH12
104	LM105D	18	12m	3.0	50	800m	5F		1LM05HX	14-21
105	CMC305	18	25m	3.0	40	500m§	07		VR065	CN1c
106	LM305AD	18	45m	3.0	50	800m	07		1LM05HX	14-21
107	LM305AF	18	45m	3.0	50	800m	07		1LM05FX	FP2n
108	uA78L18AHC	18	100m	20 X	40	X	0E		VR164	CN38e
109	uA78L18AWC	18	100m	20 X	40	X	0E		VR164	TO92
110	uA78L18AWV	18	100m	20 X	40	X	4E		VR164	TO92

7. POWER MANAGEMENT CIRCUITS – Adjustable Linear Voltage Regulator (Cont.)

IN ORDER OF (1) VO NOM (2) IL MAX (3) VI-VO MIN (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] VO NOM (V)	[2] IL MAX (A)	[3] VI-VO MIN (V)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TC EO MD PE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1	HEPC6054G-RT	18 -	200m	1.5	35		07		14LM63GX	CN10m
2	HEPC6054R-RT	18 -	200m	1.5	35		07		14LM63GX	CN30
3♦	SN72400L	18	200m	3.0	8.5	800m	07		72M400LX	TO100
4	SN72400N	18	200m	3.0	8.5	800m	07		72M400NX	DL14x
5	844V18	18 ±	300m	3.5	35	3.0	5C		VR073	CN2e
6	MCC1469	18	600m	3.0	35		5C		14LM60GX	CH7
7	MPC1000	18	10	5.0	40	100	5C		VR127	CN52
8	AM723DC	19		3.0	40	900m	07		7LM23NX	DL14m
9	AM723DM	19		3.0	40	900m	5C		7LM23NX	DL14m
10	AM723HC	19		3.0	40	850m	07		7LM23HX	CN10f
11	AM723HM	19		3.0	40	850m	5C		7LM23HX	CN10f
12	MT723	19		3.0	40	850m	5C		7LM23HX	TO100
13	MT723C	19		3.0	40	850m	07		7LM23HX	TO100
14	TDB0723	19		3.0	40	800m	07		7LM23HX	CN72
15	TDB0723A	19		3.0	40	800m	05		7LM23NX	DL14ab
16	TDC0723	19		3.0	40	800m	5C		7LM23HX	CN72
17	CA3085L	19		4.0	40	630m	5C		30CA85HX	
18♦	SG1511J	19 -	50m	3.0	40	1.0	5C		15LM11JX	TO116
19♦	SG1511N	19 -	50m	3.0	40	600m	5C		15LM11JX	DL14u
20	SG1511T	19 -	50m	3.0	40	680m	5C		15LM11TX	TO100
21♦	SG3511J	19 -	50m	3.0	40	1.0	07		15LM11JX	TO116
22♦	SG3511N	19 -	50m	3.0	40	600m	07		15LM11JX	DL14u
23	SG3511T	19 -	50m	3.0	40	680m	07		15LM11TX	TO100
24	SH3200	19	50m	4.0	35	780m	5C		VR031	TO99
25	SH3201	19 -	50m	4.0	35	780m	5C		VR032	TO99
26	JANM38510/10201BAC	19	85m	2.5	40	350m§	5C		7LM23UX	FP24
27	JANM38510/10201BHA	19	85m	2.5	40	350m§	5C		7LM23UX	FP31
28	JANM38510/10201BHB	19	85m	2.5	40	350m§	5C		7LM23UX	FP31
29	JANM38510/10201CHA	19	85m	2.5	40	350m§	5C		7LM23UX	FP31
30	JANM38510/10201CHB	19	85m	2.5	40	350m§	5C		7LM23UX	FP31
31	HA17723M	19	150m		40	800m	27		7LM23HX	TO100
32	uA431HC	19	150m		37	600m	07		4LM31HX	TO39
33	uA431HM	19	150m		37	600m	5C		4LM31HX	TO39
34	uA431WC	19	150m		37	775m	07		4LM31HX	TO92
35	uA431WV	19	150m		37	775m	48		4LM31HX	TO92
36	823BE	19	150m	2.5	40	800m	5C		7LM23HX	TO96
37	723BE	19	150m	3.0	40	800m	5C		7LM23HX	TO96
38	723BN	19	150m	3.0	40	900m	5C		7LM23NX	TO116
39	723CE	19	150m	3.0	40	800m	07		7LM23HX	TO96
40	723CN	19	150m	3.0	40	900m	07		7LM23NX	TO116
41	CMC723	19	150m	3.0	40	800m§	07			CN17d
42	L123D1	19	150m	3.0	40	800m	07		7LM23NX	14-20a
43	L123D2	19	150m	3.0	40	800m	5C		7LM23NX	14-20a
44	LA723CH	19	150m	3.0	40	800m	07		7LM23HX	CN10f
45	LA723H	19	150m	3.0	40	800m	5C		7LM23H	CN10f
46	LM723CD	19	150m	3.0	40	900m	07		7LM23N	DL14bv
47	LM723D	19	150m	3.0	40	900m	5C		7LM23N	DL14bv
48	LM723N	19	150m	3.0	40	660m	5C		7LM23N	DL14z
49	MA723CL	19	150m	3.0	40	800m	5C	Series,Shunt,Switching,or floating operation		TO100
50	MA723ML	19	150m	3.0	40	800m	5C	Series,Shunt,Switching,or floating operation		TO100
51	MC1723CF	19	150m	3.0	40	800m	07		7LM23UX	TO91
52	MC1723F	19	150m	3.0	40	800m	5C		7LM23UX	TO91
53	MIC723-1	19 ±	150m	3.0	40	800m	5C		7LM23H	CN10e
54	MIC723-5	19 ±	150m	3.0	40	800m	07		7LM23H	CN10e
55	MS723	19	150m	3.0	40	800m	6G		7LM23UX	FP2q
56	MS723C	19	150m	3.0	40	800m	6E		7LM23UX	TO90
57	SG723N	19	150m	3.0	40	600m	5C		7LM23NX	DL14u
58	TL1723	19	150m	3.0	40	800m	5C		7LM23HX	TO100
59	TL1723C	19	150m	3.0	40	800m	07		7LM23HX	TO100
60	TL3723C	19	150m	3.0	40	800m	07		7LM23NX	DL14w
61	UC4723	19	150m	3.0	40	800m	5C		7LM23H	TO100
62	HEPC6012-RT	19	200m	3.0	35	10	17		VR118	6-2
63♦	HEPC6014-RT	19	200m	3.0	35	1.0	17		VR118a	4-2
64	MFC4060A	19	200m	3.0	38	1.0	17		VR102	4-2
65	MFC4062A	19	200m	3.0	38	1.0	17		VR102	4-2
66	MFC6030A	19	200m	3.0	38	1.0	17		VR103	6-2
67	MFC6032A	19	200m	3.0	38	1.0	17		VR103	6-2
68	MC1561G	19	250m	2.7	40	3.0	5C		14LM60GX	CN10b
69	ULN2723A	19	250m	3.0	40	1.0	07		7LM23AX	DL14h
70	ULN2723K	19	250m	3.0	40	800m	07		7LM23HX	TO100
71	ULS2723A	19	250m	3.0	40	1.0	5C		7LM23AX	DL14h
72	ULS2723K	19	250m	3.0	40	800m	5C		7LM23HX	TO100
73	C216	19	300m	8.0	80	1.8	5C			CN2k
74	MC1561R	19	600m	2.7	40	3.0	5C		14LM60GX	CN30
75	HIC106	19	1.0	2.5	40	2.7	5C		VR090a	CN2h
76	HIC107	19 -	1.0	3.0	40	2.7	5C		VR090	CN2h
77♦	uA217UV	19	1.5	2.5			2E	Thermally Protected	1LM17TX	TO220
78	uA78L20AHC	20			40		07		VR164	TO39
79	uA78L20AWC	20			40		07		VR164	TO92
80	uA78L20AWV	20			40		07		VR164	TO92
81	RM104BL	20 -		500m	50	500m	5C		1LM04NX	CH25
82	CMC104	20 -	25m	2.0	50	500m§	5C			CN17c
83♦	CMC5000	20 -	50m	3.0	50	500m§	5F		VR066	CN1c
84	844V20	20 ±	300m	3.5	35	3.0	5C		VR073	CN2e
85	MCC1563	20 -	600m	2.7	40		5C		14LM63GX	CH6
86	MCC1569	20	600m	2.7	40		5C		14LM60GX	CH7
87	822CU	21	25m	2.0	50	400m§	09		VR065	TO110
88	822BE	21	50m	3.0	50	500m§	5C		VR065	CN1c
89	826BE	21	100m	2.5	40	500m§	5C			CN15
90	SG4194MJ	21 ±	100m	3.0	45	1.0	5F		41LM94JX	TO116
91	823AE	21	150m	2.5	50	800m	5C		7LM23HX	TO96
92♦	823AN	21	150m	2.5	50	900m	5C		7LM23NX	TO116
93♦	823AL	21	150m	3.0	50	900m	5C		7LM23NX	DL14af
94	SG4194MR	21 ±	200m	3.0	45	3.0	5F		41LM94KX	CN30
95	AMLM105	22		3.0	50	500m	5C		1LM05HX	TO99
96	AMLM105F	22		3.0	50	500m	5C		1LM05FX	FP18
97	AMLM205	22		3.0	50	500m	28		1LM05HX	TO99
98	AMLM205F	22		3.0	50	500m	28		1LM05FX	FP18
99	LA105F	22		3.0	50	500m	5C		1LM05FX	TO91
100	LA105G	22		3.0	50	500m	5C		1LM05HX	CN1c
101	LA205F	22		3.0	50	500m	28		1LM05FX	TO91
102	LA205G	22		3.0	50	500m	28		1LM05HX	CN1c
103	LA305F	22		3.0	50	500m	07		1LM05FX	TO91
104	LA305G	22		3.0	50	500m	07		1LM05HX	CN1c
105	MT105F	22		3.0	50	500m	5E		1LM05FX	FP18
106	MT105M	22		3.0	50	500m	5E		1LM05HX	CN1c
107	MT205F	22		3.0	50	500m	2A		1LM05FX	FP18
108	MT205M	22		3.0	50	500m	2A		1LM05HX	CN1c
109♦	RM105BL	22 -		3.0	50	700m	5E		1LM05JX	CH26
110	LM205F	22	12m	3.0	50	800m	28		1LM05FX	FP37

7. POWER MANAGEMENT CIRCUITS – Adjustable Linear Voltage Regulator (Cont.)

IN ORDER OF (1) VO NOM (2) IL MAX (3) VI-VO MIN (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] VO NOM (V)	[2] IL MAX (A)	[3] VI-VO MIN (V)	PWR SUP @ 25℃ RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1	CMC205	22	20m	3.0	50	500m§	2A		VR065	CN1c
2	CMC105	22	25m	3.0	50	500m§	5F		VR065	CN1c
3	LA105H	22	25m	3.0	50	500m	5C		1LM05HX	CN1c
4	LA205H	22	25m	3.0	50	500m	28		1LM05HX	CN1c
5	LA305H	22	25m	3.0	50	500m	07		1LM05HX	CN1c
6	LM105F883	22	25m	3.0	30	500m§	5F		1LM05FX	FP2
7	SG105N	22	40m	3.0	50	400m§	07		1LM05JX	DL14u
8	SG305AM	22	45m	3.0	50	800m	07		1LM05HX	DL8h
9	SG305AN	22	45m	3.0	50	800m	07		1LM05HX	DL14u
10♦	WM330R	22	2.0	3.0		5.0	5C		VR035	CN22
11	824BE	23	100m	2.5	45	500m§	$C		VR046	CN11
12	uA78L24AHC	24	100m	26 X	40	X	0E		VR164	CN38e
13	uA78L24AWC	24	100m	26 X	40	X	0E		VR164	TO92
14	uA78L24AWV	24	100m	26 X	40	X	4E		VR164	TO92
15	NC512	24	200m		40	500m	5C		VR021	CN10a
16	NC514	24 -	200m		40	500m	5C		VR022	CN10a
17♦	PC502	24	200m		40	500m	5C		VR027a	FP10
18	PC504	24 -	200m		40	500m	5C		VR027	FP10
19♦	PC512	24	200m		40	500m	5C		VR021F	FP7
20♦	PC514	24 -	200m		40	500m	5C		VR022F	FP7
21	2802BG	24 ±	200m	2.5	55	1.8	5C		VR016	CN2b
22	2803BG	24 ±	200m	2.5	55	1.8	5C		VR017	CN2b
23	VRN24	24 -	300m		40	1.0	5F		VR029	FP8
24	VRP24	24	300m		40	1.0	5F		VR028	FP8
25	D13V	25	5.0m			400m	1C		VR045	TO98
26♦	CTS879	29	2.0	3.0	60	4.0	5C		VR035b	CN22
27	LMR3	29	2.0	3.0	60	25	5C		VR074	CN22c
28♦	CTS878	32	2.0	3.0	60	4.0	5C		VR035a	CN22
29♦	MT104-883	40 -			50	500m	5C			CN10e

SWITCH-MODE SUPPLY CIRCUIT

LINE No.	TYPE NUMBER	VO NOM (V)	IL MAX (A)	VI-VO MIN (V)	TOTAL VOLT (V)	PD MAX (W)	TEMP CODE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
33	CA1524G						5C	MODULATOR;Pulse Width Regulating;Fo .1MHz Min;Line	15LM24JX	MO001AC
34	CA2524G						07	MODULATOR;Pulse Width Regulating;Fo .1MHz Min;Line	15LM24JX	MO001AC
35	CA3524G						07	MODULATOR;Pulse Width Regulating;Fo .1MHz Min;Line	15LM24JX	MO001AC
36	PWM25BK						28	Regulating Pulse Width Modulator;for SMPS; Vin 40V	15LM25NX	DL16ah
37	PWM25CK						07	Regulating Pulse Width Modulator;for SMPS; Vin 40V	15LM25NX	DL16ah
38	PWM27BK						28	Regulating Pulse Width Modulator;for SMPS; Vin 40V	15LM25NX	DL16ah
39	PWM27CK						07	Regulating Pulse Width Modulator;for SMPS; Vin 40V	15LM25NX	DL16ah
40♦	RPT81FQ						48	PCM Carrier Repeater;On Clip ALBO Diode;Clock Shut	8RP2ZX	DL16bz
41	SG1524F						5C	Regulating Pulse Width Modulator;Vin 40V;Iout 100m	15LM24JX	DL16bb
42	SG2524F						07	Regulating Pulse Width Modulator;Vin 40V;Iout 100m	15LM24JX	DL16bb
43	SG2524N						07	Regulating Pulse Width Modulator;Vin 40V;Iout 100m	15LM24JX	DL16p
44	SG2526N						4F	Pulse Width Modulation Control Ckt;8.0-35V Operati	15LM26JX	DL18i
45	SG2527AJ						2F	Pulse Width Modulator Control Circuit	15LM25NX	DL16bj
46	SI1525BK						5C	Regulating Pulse Width Modulators;Vs 40V;Iout/Sour	15LM25NX	DL16ah
47	SI1527BK						5C	Regulating Pulse Width Modulators;Vs 40V;Iout/Sour	15LM25NX	DL16ah
48	SI2525BK						28	Regulating Pulse Width Modulators;Vs 40V;Iout/Sour	15LM25NX	DL16ah
49	SI2527BK						28	Regulating Pulse Width Modulators;Vs 40V;Iout/Sour	15LM25NX	DL16ah
50	TDA4600						07	Control IC for Switch Mode Power Supplies;Vcc 7.6	46TD00ZX	MT18
51	uA494DM						5C	uA494DC w/Military Temp Range	5TL94JX	DL16k
52	NE5562D		100m		15			SMPS Control ckt;Freq Range 300kHz	55LM62NX	DL20h
53	NE5562F		100m		15			SMPS Control ckt;Freq Range 300kHz	55LM62NX	DL20i
54	NE5562N		100m		15			SMPS Control ckt;Freq Range 300kHz	55LM62NX	DL20j
55	SE5562F		100m		15			SMPS Control ckt;Freq Range 300kHz	55LM62NX	DL20i
56	SE5562N		100m		15			SMPS Control ckt;Freq Range 300kHz	55LM62NX	DL20j
57	ICL7660C8A	5.0 -	15m		5.0	500m	07	DC/DC Conversion of input from 1.5V to 10V;CMOS	76LM60HX	DL8ct
58	SG1526AF	13	200m		40	1.9		SMPS Control ckt;Freq Freg 1.0Hz-400kHz	15LM26JX	DL18ad
59	SG1526AN	13	200m		40	2.3		SMPS Control ckt;Freq Freg 1.0Hz-400kHz	15LM26JX	DL18ae
60	SG2526AF	13	200m		40	1.9		SMPS Control ckt;Freq Freg 1.0Hz-400kHz	15LM26JX	DL18ad
61	SG2526AN	13	200m		40	2.3		SMPS Control ckt;Freq Freg 1.0Hz-400kHz	15LM26JX	DL18ae
62	SG3526AF	13	200m		40	1.9		SMPS Control ckt;Freq Freg 1.0Hz-400kHz	15LM26JX	DL18ad
63	SH1605	16	5.0	5.0	35	20	0E		VR210	CN22h
64▾	TL497AIJ	35.0	750m		15.0	1.0	28	Switching voltage regulator;Eff 60%;Load Reg 0.4%		
65▾	TL497AIN	35.0	750m		15.0	1.0	28	Switching voltage regulator;Eff 60%;Load Reg 0.4%		

SUPPLY SUPERVISORY CIRCUIT

LINE No.	TYPE NUMBER	VO NOM (V)	IL MAX (A)	VI-VO MIN (V)	TOTAL VOLT (V)	PD MAX (W)	TEMP CODE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
69	L2OV9						49	Overvoltage Protector;On State Curr 2.0A;Nom Suppl	VR6406	CN70
70	L2OV28						49	Overvoltage Protector;On State Curr 2.0A;Nom Suppl	VR6406	CN70
71	L6OV9						4E	Overvoltage Protector;On State Curr 6.0A;Nom Suppl	VR6407	CNØ
72	L6OV10						4E	Overvoltage Protector;On State Curr 6.0A;Nom Suppl	VR6407	CNØ
73	L6OV18						4E	Overvoltage Protector;On State Curr 6.0A;Nom Suppl	VR6407	CNØ
74	L6OV20						4E	Overvoltage Protector;On State Curr 6.0A;Nom Suppl	VR6407	CNØ
75	L6OV28						4E	Overvoltage Protector;On State Curr 6.0A;Nom Suppl	VR6407	CNØ
76	L6OV30						4E	Overvoltage Protector;On State Curr 6.0A;Nom Suppl	VR6407	CNØ
77	MC343						28	Voltage and Current Feedback;Single Ended or Push-		
78	MC34061AP1						07	Overvolt (Crowbar) Sensing Ckt,SCR Gate Driver Out	34M061PX	DL8ac
79	MC34061AU						07	Overvolt (Crowbar) Sensing Ckt,SCR Gate Driver Out	34M061PX	DL8s
80	MC34061P1						07	Overvolt (Crowbar) Sensing Ckt,SCR Gate Driver Out	34M061PX	DL8ac
81	MC34061U						07	Overvolt (Crowbar) Sensing Ckt,SCR Gate Driver Out	34M061PX	DL8s
82	MC35061AU						5C	Overvolt (Crowbar) Sensing Ckt;SCR Gate Drive Out	34M061PX	DL8s
83	MC35061U						5C	Overvolt (Crowbar) Sensing CKT;SCR Gate Drive Out	34M061PX	DL8s
84▾	SG1547J				15.0	1.0	5C	Quad power fault;Trip threshold 3.5V max	15LM47JX	DL16Ø
85▾	SG2547J				15.0	1.0	48	Quad power fault;Trip threshold 3.5V max	15LM47JX	DL16Ø
86▾	SG3547J				15.0	1.0	07	Quad power fault;Trip threshold 3.5V max	15LM47JX	DL16Ø
87	UAA1016A		120m		9.6		2A	Zero Voltage Sw/Temp controller	10LM16AX	DL8bu
88▾	XC3422P		225m†				07	Current limiter with thermal shutdown		MT1
89▾	XC3422R		225m†				07	Current limiter with thermal shutdown		TO66
90	MC3425AP1	40.0	300m		40.0	1.0	07	Oven/Under Volt Protect;2.5Vref/trip;current lmt	34LM25PX	DL8ac
91	MC3425AU	40.0	300m		40.0	1.0	07	Oven/Under Volt Protect;2.5Vref/trip;current lmt	34LM25PX	DL8s
92	MC3525AU	40.0	300m		40.0	1.0	5C	Oven/Under Volt Protect;2.5Vref/trip;current lmt	34LM25PX	DL8s

ZERO-CROSSING TRIGGER/PHASE CONTROLLER

LINE No.	TYPE NUMBER	VO NOM (V)	IL MAX (A)	VI-VO MIN (V)	TOTAL VOLT (V)	PD MAX (W)	TEMP CODE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
96▾	L120B1				15	450m	07	TRIAC/SCR phase controller; load reg. 1%	1L20BX	DL16c
97▾	L121B1				15	450m	07	TRIAC/SCR phase controller; load reg. 1%	1L21BX	DL16c
98▾	M5172P						17	o-voltage switch for thyristor control	51LM72PX	DL14c
99▾	MC3422R						07	Current limiter with thermal shut-down	34LM22RX	TO66
100▾	MC3422T						07	Current limiter with thermal shut-down	34LM22RX	Y220b
101▾	TCA280				12		28	thyriston driver/triggerer	2TA80ZX	DL165
102▾	TLB3101				15		C7	phase controller, vs 10 to 30V	31TL01ZX	DL18q
103▾	TLB3102				15		C7	phase controller, vs 10 to 30V	31TL02ZX	TO116
104▾	TLB3103				15		C7	phase controller, vs 10 to 30V	31TL03ZX	TO116
105▾	TLB3104				15		C7	phase controller, vs 10 to 30V	31TL04ZX	DL86w
106▾	uA742DC						C7	o-crossing trigger; Is 25uA max	7LM42DX	DL14br
107▾	uA742PC						C7	o-crossing trigger; Is 25uA max	7LM42DX	DL16z
108	U2632						4C	Zero Voltage switch; for triac control	2U63BX	
109	UA1004CM				20.0		5C	Zero Voltage switch/Triac controller/Phase ckt	10UA04PX	TO99
110	UA1004DP				20.0		27	Zero Voltage switch/Triac controller/Phase ckt	10UA04PX	DL8v

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

LINE No.	[4] TYPE NUMBER	[1] VO NOM (V)	[2] IL MAX (A)	[3] VI-VO MIN (V)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP - CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1▾	XR742CN						C7	o-crossing AC trigger	7LM42DX	DL14bp
2▾	XR742CP						C7	o-crossing AC trigger	7LM42DX	DL14bp
3▾	SL447		50m			600m	16	0-voltage switch for thryistor control	4SL47ZX	DL16e
4▾	SL448		50m			800m	5C	0-voltage switch for thryistor control	4SL47ZX	DL14be
5▾	SL449		50m			600m	16	0-voltage switch for thryistor control	4SL47ZX	DL14aa
6▾	SL440DG		120m			500m		thyriston controller	4SL40PX	DL14be
7▾	SL440DP		120m			500m		thyriston controller	4SL40PX	DL14aa
8▾	SG3058J		124m				5C	Zero voltage switch	30CA58HX	TO116
9▾	SG3059N		124m				28	Zero voltage switch	30CA58HX	DL14u
10▾	SG3079J		124m				07	Zero voltage switch	30CA79HX	TO116
11▾	SG3079N		124m				07	Zero voltage switch	30CA79HX	DL14u
12♦	MC3523P	34.2	300m	1.8	36.0	1.0	5C	Overvoltage Sensing circuit;Vin range 4.5 to 40V	34LM23PX	DL8p

8. RF/IF AMPLIFIERS – RF Amplifier

RF AMPLIFIER

LINE No.	4 TYPE NUMBER	1 FCO MIN (Hz)	@ TEST FREQ 2 GP MIN (dB)	@ TEST FREQ 3 NF TYP (dB)	TEST FREQ (Hz)	VI P-P RATED (ΔV)	TYP @ 25°C Y12 (mhos)	TYP @ 25°C Y21 (mhos)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP MODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
4▼	5670BM								28.0	2.5	5C		56LM70MX	FP11
5▼	AN210								10.0	110m	27			TO116
6▼	AN217								9.5	400m	27			16.3
7▼	AN217P								9.5	400m	17		2LM17PX	16.42
8▼	AN220						5.10u	12.0m	30.0	140m	27		30CA44HX	TO116
9▼	AN248					500m			14.0	640m	27		2LM48ZX	DL16m
10▼	AN253								7.5	300m	27			16-3
11▼	AN253P								7.5	300m	17		2LM53PX	16-42
12▼	HEPC6061P-RT					10.0 Ø	0.6u	5.4m	15.0	670m	07			TO116
13▼	LA703						2.0u	21.0m	12.0	170m			7LM03HX	TO99
14▼	LA703C						2.0u	22.0m	12.0	170m			7LM03HX	TO99
15▼	LA703CH						2.0u	22.0m	12.0	170m			7LM03HX	CN1a
16▼	LA703H						2.0u	24.0m	12.0	170m			7LM03HX	CN1a
17▼	LM3053H					10.0 Ø	0.2u	91.0m	12.0 ±	450m	5C		30LM28HX	CN1d
18▼	LM3053N					10.0 Ø	0.2u	91.0m	12.0 ±	450m	07		30LM28HX	DL8ah
19▼	LS510NA					10.0 Ø		90.0m	6.0 ±	750m	07		5NE10NX	TO116
20▼	LS510SA					10.0 Ø		90.0m	6.0 ±	750m	5C		5NE10NX	TO116
21▼	LS3053					10.0 Ø			12.0 ±	450m	5C		30LM28HX	TO99
22▼	M5142P					6.0 Ø			12.0	400m	28		1LM42PX	14T1
23▼	NE510AΔ					10.0 Ø		25.0m	12.0	180m	07		5NE10NX	TO116
24▼	NE510J					10.0 Ø		25.0m	12.0	180m	07		5NE10NX	FP14
25▼	PTC752								6.0	54.0m	27		12LM01AX	DL14ap
26▼	PTC808							300u	20.0	170m	27		8LM08ZX	
27▼	S51A1V								20.0 ±	120m	5C	Limiter/Detector	51LM1VX	DL8k
28▼	SL510C								9.0	270m	5C		5SL10CX	TO100
29▼	SL511C								9.0	270m	5C		5SL11CX	TO100
30▼	SL620C								6.0		6G	AGC generator	6SL20CX	CN11e
31▼	SN56514J								12.0		5C	Balanced mixer	56S514JX	DL14AF
32▼	SN56514L								12.0		5C	Balanced mixer	56S514JX	TO100
33▼	SN56514N								12.0		5C	Balanced mixer	56S514JX	DL14X
34▼	TAA350%					280u			6.0	120m	2C		3LM50ZX	CN27
35▼	TAA380A					400u			7.5	200m	26		3TA80AX	CN27
36▼	TAA450%					300u			7.5	380m	26		4LM50ZX	CN27
37▼	TAA591					6.0 Ø			140	280m	08			QL14a
38▼	TAA640					100u			22.0	350m	26		6LM40TX	TO116
39▼	TAA710A					250u			12.0	132m	06		7TA10AX	TO116
40▼	TAA710B					250u			12.0	132m	06		7TA10AX	QL14a
41▼	TAA730					10.0 Ø			27.0	400m	16			TO100
42▼	TAA981					50.0m			11.0	70m	07			TO100
43▼	TAA991					50.0m			11.0	70m	07			TO101
44▼	TBA440CQ					150u			13.0	700m	27		4TB400X	16-5a
45▼	SL612G			3.0	1.7M	700m			6.0	26.0	07		6LM10GX	
46▼	SL610G			4.0	30M				6.0	108m	07		6LM10GX	
47▼	SL611G			4.0	30M				6.0	108m	07		6LM10GX	
48▼	SL501A			6.0	30M		4.00n	500m	12.0	68.0m	5H		5LM53BX	CN11e
49▼	SL501B			6.0	30M		4.00n	500m	12.0	68.0m	5H		5LM53BX	CN11e
50▼	SL502A			6.0	30M		4.00n	500m	12.0	68.0m	5H		5LM53BX	CN11e
51▼	SL502B			6.0	30M		4.00n	500m	12.0	68.0m	5H		5LM53BX	CN11e
52▼	SL503A			6.0	30M		4.00n	500m	12.0	114m	5H		5LM53BX	CN11e
53▼	SL503B			6.0	30M		4.00n	500m	12.0	114m	5H		5LM53BX	CN11e
54▼	SL551A			6.0	30M		4.00n	500m	12.0	68.0m	5H		5LM53BX	FP38
55▼	SL551B			6.0	30M		4.00n	500m	12.0	68.0m	5H		5LM53BX	FP38
56▼	SL552A			6.0	30M		4.00n	500m	12.0	68.0m	5H		5LM53BX	FP38
57▼	SL552B			6.0	30M		4.00n	500m	12.0	68.0m	5H		5LM53BX	FP38
58▼	SL553A			6.0	30M		4.00n	500m	12.0	114m	5H		5LM53BX	FP38
59▼	SL553B			6.0	30M		4.00n	500m	12.0	114m	5H		5LM53BX	FP38
60▼	703BE			8.0		10.0m	2.0u	29.0m	12.0	170m	5C		7LM03HX	TO99
61▼	703CE			8.0		10.0m	2.0u	23.0m	12.0	170m	07		7LM03HX	TO99
62▼	L103T1			8.0	100M			35.0m	12.0	200m	5C		7LM03HX	TO99
63▼	L103T2			8.0	100M			35.0m	12.0	200m	5C		7LM03HX	TO99
64▼	LM703			8.0	100M	10.0m		35.0m	12.0	200m	5C		7LM03HX	CN1a
65▼	LM703C			8.0	100M	10.0m		33.0m	12.0	200m	07		7LM03HX	CN1a
66▼	LM703E			8.0	100M	10.0m	2.00u	33.0m	12.0	200m	07		7LM03HX	CN1a
67▼	LM703LH			8.0	100M	10.0m	2.00u	33.0m	12.0	200m	07		7LM03HX	CN1d
68▼	LM703LN			8.0	100M	10.0m	2.00u	33.0m	12.0	200m	07		7LM03HX	DL8ah
69▼	LS703L			8.0	100M	10.0m	2.00u	33.0m	12.0	200m	07		7LM03HX	CN1
70▼	RM703			8.0	100M	10.0 Ø		35.0m	12.0	200m	5C		7LM03HX	CN16
71▼	uA703			8.0	100M	10.0m		35.0m	12.0	200m	5C		7LM03HX	CNØ
72▼	uA703-5D			8.0	100M	10.0m		35.0m	12.0	170m	5C		7LM03HX	CN1h
73▼	uA703C-5D			8.0	100M	10.0m		35.0m	12.0	170m	07		7LM03HX	CN1h
74▼	uA703HC			8.0	100M	10.0m		35.0m	12.0	170m	07		7LM03HX	TO78
75▼	uA703HM			8.0	100M	10.0m		35.0m	12.0	170m	5C		7LM03HX	CN94
76▼	uA757DC			8.0	500k	10.0 Ø		440m	12.0	670m	07		7LM57DX	DL14br
77▼	uA757DM			8.0	500k	10.0 Ø		440m	12.0	670m	5C		7LM57DX	DL14br
78▼	uA757PC			8.0	500M	10.0 Ø		440m	12.0	670m	07		7LM57DX	DL14Ø
79	CA3004		10	6.3	100M	7.0 Ø			6.0 ±	300m	5C	CMRR 98 dB;AGC -60 dB	30CA04HX	CN18
80▼	M51412P		14						12.0		17	Balanced mixer		DL14c
81▼	PL7601		16.0		100M				6.0 ±	240m	5A		76PA01LX	FP2c
82▼	CA3005H		16.0	7.8	100M				6.0 ±	300m	5C		30LM05ZX	CH16
83▼	LS3028A		16.0	9.0	100M	10.0 Ø			12.0 ±	450m	5C		30LM28HX	TO99
84▼	LS3028B		16.0	9.0	100M	10.0 Ø			12.0 ±	450m	5C		30LM28HX	TO99
85▼	PA7713		18.0	7.0	60M				6.0	30.0m	5C		77LM13AX	CN17c
86♦	PL7713		18.0	7.0	60				6.0	30.0m	5C		77LM13AX	FP2c
87▼	MC1550F		21.0 †	7.0	100M	10.0 Ø	1.00u		6.0	600m	5C		15LM50GX	TO91
88▼	MC1550G		21.0 †	7.0	100M	10.0 Ø	1.00u		6.0	600m	5C		15LM50GX	CN10j
89▼	MC1110G		22.0	4.0	100M	2.0 Ø	64.0u	16.3m	4.0 ±	500m	5C		11LM10GX	CN13
90▼	LM3028AH		22.0	6.7	100M	10.0 Ø	0.2u	91.0m	12.0 ±	450m	5C		30LM28HX	CN1d
91▼	LM3028BH		22.0	6.7	100M	10.0 Ø	0.2u	91.0m	12.0 ±	450m	5C		30LM28HX	CN1d
92▼	PA7703-39		22.0 †	8.5	10M	10.0 Ø		23.0m	6.0 ±	170m	07		7LM03HX	CN16
93▼	LS171		23.0			10.0 Ø	1.00u	50.0m	12.0	230m	5C		1LM71HX	CN17c
94▼	LS271		23.0			10.0 Ø	1.00u	50.0m	12.0	230m	2A		1LM71HX	CN17c
95▼	LS371		23.0			10.0 Ø	1.00u	50.0m	12.0	230m	07		1LM71HX	CN17c
96▼	uA719-5F		24.0 †	7.0	10M	10.0 Ø		1.40	12.0	350m	5C		7LM19CX	TO100
97▼	uA719C-5F		24.0 †	7.0	10M	10.0 Ø		1.40	12.0	350m	07		7LM19CX	TO100
98▼	NE511R		25.0 †		60M	10.0 Ø		25.0m	12.0	100m	07		5NE11NX	FP13
99▼	SE511R		25.0 †		60M	10.0 Ø		90.0m	12.0	100m	5C		5NE11NX	FP13
100▼	HEP590-RT		25.0 †	5.0	60M	10.0 Ø			6.0	680m	5C		15LM50GX	CN8g
101▼	911BE		25.0 †	11	200M	10.0m	100u	22.0m	12.0	230m	5C		9LM11EX	TO100
102▼	911CE		25.0 †	11	200M	10.0m	100u	22.0m	12.0	230m	0A		9LM11EX	TO100
103▼	HA1201		27.0	6.0	10M		2.0u	35.0m	12.0	200m	27		12HA01ZX	8-24
104▼	HA1211		27.0	6.0	10M		2.0u	30.0m	12.0	170m	27		12HA11ZX	MT31
105▼	LM171		27.5 †		100M	10.0m	1.0u	50.0m	12.0	230m	5C		1LM71HX	CN17c
106▼	LM171H		27.5 †		100M	10.0m	1.00u	50.0m	12.0	230m	5C		1LM71HX	CN17j
107▼	LM271		27.5 †		100M	10.0m	1.00u	50.0m	12.0	230m	0A		1LM71HX	CN17c
108▼	LM271H		27.5 †		100M	10.0m	1.00u	50.0m	12.0	230m	0A		1LM71HX	CN17j
109▼	LM371Δ		27.5 †		100M	10.0m	1.00u	50.0m	12.0	230m	07		1LM71HX	CN17c
110▼	LM371H		27.5 †		100M	10.0m	1.00u	50.0m	12.0	230m	07		1LM71HX	CN17j

8. RF/IF AMPLIFIERS – RF Amplifier (cont'd)

IN ORDER OF (1) FCO MIN (2) GP MIN (3) NF TYP (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] FCO MIN (Hz)	@ TEST FREQ [2] GP MIN (dB)	@ TEST FREQ [3] NF TYP (dB)	TEST FREQ (Hz)	VI P-P RATED (ΔV)	TYP @ 25°C Y12 (mhos)	TYP @ 25°C Y21 (mhos)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1▼	MT171		27.5 †		100M	10.0m	1.00u	50.0m	12.0	230m	5C		1LM71HX	CN10c
2▼	MT271		27.5 †		100M	10.0m	1.00u	50.0m	12.0	230m	0A		1LM71HX	CN10e
3▼	MT371		27.5 †		100M	10.0m	1.00u	50.0m	12.0	230m	07		1LM71HX	CN10e
4♦	MT703E		28.0 †	6.0	100M		2.00u	24.0m	12.0	170m	07		7LM03HX	CN42
5▼	MT703		28.0 †	6.5	100M			29.0m	12.0	170m	5C		7LM03HX	CN42
6▼	MT703C		28.0 †	6.5	100M			23.0m	12.0	170m	07		7LM03HX	CN42
7▼	uA703L		28.0 †	8.0	100M	10.0m		35.0m	12.0	84.0m	07		7LM03HX	CN1
8▼	SE510J		30.0 †		60M	10.0 ⊠		75.0m	12.0	180m	5C		5NE10NX	FP14
9▼	M316		32.0 †	6.5	100M		45.3u		20.0	300m	5C		3LM16ZX	TO78
10▼	316-04		32.0 †	7.5	100M		41.0u	61.0m	20.0	150m	5C		3LM16ZX	TO78
11▼	CA3053Δ		35.0	6.0	10M	10.0 ⊠			12.0 ±	150m	5C		30LM28HX	TO99
12♦	MC1590F		35.0	6.0	100M	5.0 ⊠	5.00u	150m	12.0	680m	5C		15LM90GX	TO91
13▼	CA3053F		35.0	7.2	10M		10.0u	97.3m	12.0 ±	750m	5C		30LM28HX	DL8u
14▼	CA3053S		35.0	7.2	10M		10.0u	97.3m	12.0 ±	450m	5C		30LM28HX	CN46
15▼	CA3028		35.0	9.0	10M		300n	100m	9.0	100m	5C		30LM28HX	TO99
16▼	CA3028AΔ		35.0	9.0	10M	10.0 ⊠			12.0 ±	260m	5C		30LM28HX	TO99
17▼	CA3028BΔ		35.0	9.0	10M	10.0 ⊠			12.0 ±	220m	5C		30LM28HX	TO99
18▼	AN238S		38.0		58M		1.00u		18.0	445m	27		2LM385X	TO116
19▼	ZLA30		40.0	3.8	10M				12.0				3LA0ZX	CN2
20♦	HEPC6001-RT		40.0 †	7.0	10m	10.0 ⊠	10.0u	25.0m	20.0	1.0	07		60LM01RX	6.1
21▼	MFC6010		40.0 †	7.0	10M	10.0 ⊠	10.0u	25.0m	12.0	120m	17		60LM01RX	6-2
22▼	MFC4010A		42.0 †	6.0	10M		8.7u	755m	12.0	1.0	07			4-2
23▼	PA7703-49		43.0 †	8.5	10M	10.0 ⊠	2.00u	23.0m	6.0 ±	170m	07		7LM03HX	CN16
24▼	AN238		45.0 †		58M		1.00u	230m	12.0	445m	27			TO116
25▼	AN247		50.0 †	8.0	58M	500m	10.0n	300u	14.0	490m	27		2LM47ZX	DL16m
26▼	PA7600		51.0 †	5.0	10M				6.0	108m	5C		76PA00LX	CN17c
27▼	PL7600		51.0 †	5.0	10M				6.0	108m	5C		76PA00LX	FP2c
28▼	HEPC6059P-RT		60.0		45M	10.0 ⊠	10.0u	100m	12.0	670m	07		60LM59RX	DL8d
29▼	TDA1058		68.0		10M									
30▼	717-9-8A		80.0 †		4.5M	10.0m		2.20	12.0	350m	07		7LM17HX	CN7b
31▼	LM370	2.0M	35.0		1.0k	20m			12.0 ±		27	AGC/Squelch amp	1LM70HX	CN17J
32▼	LM370H	2.0M	35.0		1.0k	20m			12.0 ±		07	AGC/Squelch amp	1LM70HX	CN17J
33▼	LM370N	2.0M	35.0		1.0k	20m			12.0 ±		07	AGC/Squelch amp	1LM70HX	DL14z
34▼	LS370	2.0M	35.0		1.0k	20m			12.0 ±		07	AGC/Squelch amp	1LM70HX	CN17
35▼	MT370	2.0M	35.0		1.0k	20m			12.0 ±		07	AGC/Squelch amp	1LM70HX	CN10C
36▼	LA170H	2.0M	37			20m			12.0 ±		5C	AGC/Squelch amp	1LM70HX	TO5
37▼	LA270H	2.0M	37			20m			12.0 ±		27	AGC/Squelch amp	1LM70HX	TO5
38▼	LA370H	2.0M	37			20m			12.0 ±		07	AGC/Squelch amp	1LM70HX	TO5
39▼	LM170	2.0M	37.5		1.0k	20m			12.0 ±		07	AGC/Squelch amp	1LM70HX	CN17
40▼	LM170H	2.0M	37.5		1.0k	20m			12.0 ±		5C	AGC/Squelch amp	1LM70HX	CN17J
41▼	LM270	2.0M	37.5		1.0k	20m			12.0 ±		5C	AGC/Squelch amp	1LM70HX	CN17J
42▼	LM270H	2.0M	37.5		1.0k	20m			12.0 ±		27	AGC/Squelch amp	1LM70HX	CN17J
43▼	LS170	2.0M	37.5		1.0k	20m			12.0 ±		5C	AGC/Squelch amp	1LM70HX	CN17
44▼	MT170	2.0M	37.5		1.0k	20m			12.0 ±		5C	AGC/Squelch amp	1LM70HX	CN10C
45▼	MT270	2.0M	37.5		1.0k	20m			12.0 ±		27	AGC/Squelch amp	1LM70HX	CN10C
46▼	AH57	10M	10.0	6.0	10M				24.0					CN55
47▼	AH522	10M	15.0	2.5	500M				15.0	225m				CN55
48▼	AHD554	10M	20.0	5.0	500M				15.0					CN55
49▼	AHD555	10M	31.0	4.0	500M				15.0					CN55
50▼	SN56514	40M	11.0		40M	30m			12.0	500m	5C	Balanced Mixer	56M514ZX	TO100
51▼	PA7601	40M	16.0		100M				6.0 ±	290m	5A		76PA01LX	CN17c

ALARM/SECURITY CIRCUITS

LINE No.	[2] TYPE NUMBER	[1] OUTPUT TYPE	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
4▾	AN208			300m	27	Protect circuit for battery; Ioff 4.0mA max		TO116
5▾	MC14461P		14		1	Smoke detector; 9 or 12.6V battery operation	14-461B	DL16
6▾	MC14462P		14		1	Smoke detector; 9 or 12.6V battery operation; w/on-chip FET	14-462A	DL16
7▾	MC14464P		10	500m	1	Smoke detector for photoelectric chambers; CMOS	14-464	DL16
8▾	MC14465P		10	500m	1	Smoke detector for photoelectric chambers; CMOS	14-465	DL16
9▾	MEM4962		9.0		1	Ionization smoke detector w/low battery alarm	49-62	DL14
10▾	MEM4963		9.0		1	Smoke detector: ionization or photoelectric	49-63	DL14
11▾	SD3AM		10	300m	1	Ionization-type smoke detector; CMOS	3A0	TO100
12▾	SD3M		10	300m	1	Ionization-type smoke detector; CMOS	3P0	TO100
13▾	SD3P		10	300m	1	Ionization-type smoke detector; CMOS	3P0	DL14
14▾	SM110CJ		9.0	490m	06	Smoke detector circuit	1SM10JX	DL14ca
15▾	ULX2601A		12		1	Optoelectronic intrusion alarm; timed enter and exit	26-01A	DL16
16▾	L911CJ	L Cur	15.0	490m	07	Iout Source -15mA; ton:7.5 ms†; toff 30 s	9L11JX	DL14ca
17	SD3AP	L VOL	15.0	300m	05	Smoke Detector support ckt;for ionization systems;output horn	3A0	DL14gu
18♦	ICL4673CPA	O COL	5.0	300m	07	Automatic Battery Back-up Switch;Supply range:2.5 to 15V;CMOS	76IC73TX	DL8g
19♦	ICL4673IPA	O COL	5.0	300m	28	Automatic Battery Back-up Switch;Supply range:2.5 to 15V;CMOS	76IC73TX	DL8g
20♦	ICL4673ITA	O COL	5.0	300m	48	Automatic Battery Back-up Switch;Supply range:2.5 to 15V;CMOS	76IC73TX	TO99

FLUID DETECTOR

LINE No.	TYPE NUMBER	OUTPUT TYPE	TOTAL VOLT (V)	PD MAX (W)	TEMP CODE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
24	LM1830H				48	Fluid Detector;Vcc 16V;Osc Freq 12kHz△;Det Threshold Voltage 68	18LM30HX	CN10r
25▾	LM1030	L Vol	18.0		48	Over voltage capability 80V;Is 40 mA;Lamp current 600 mA max	10LM30JX	DL16Ø

HALL EFFECT DEVICE

LINE No.	TYPE NUMBER	OUTPUT TYPE	TOTAL VOLT (V)	PD MAX (W)	TEMP CODE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
29♦	UGN3501C		16		07	Hall Effect;Linear Output Sensor;for Sensing Magnetic Field;Vcc	30U501TX	CHØ
30♦	UGN3501H		16		07	Hall Effect;Linear Output Sensor;for Sensing Magnetic Field;Vcc	30U501TX	DLØ
31	UGN30501M				07	Hall Effect Sensor;Vrange,8.0-16V;Supply Current 18mA max;Sensi	30U501MX	DL8bg
32▾	ULN3100M	L Vol	5.0		07	Calibrated Hall element	31LM00MX	DL8a
33♦	UGN3600M	L VOL	5.0		07	I control: 7mA max		DL8Ø
34♦	UGN3601M	L VOL	5.0		07	I control: 7mA max		DL8Ø
35▾	ULN3000M	O Col	5.0		07	Hall effect switch;BOP 750 Gauss;BRP 100 Gauss	30LM00MX	DL8a
36▾	ULN3004M	O Col	5.0		07	Hall effect switch;BOP 1000 Gauss;BRP 150 Gauss	30LM00MX	DL8a
37♦	SAS221S2	O COL			06	Hall Effect Switch;Magnetically Operated,Contactless;Antivalent		
38♦	SAS221S4	O COL			06	Hall Effect Switch;Magnetically Operated,Contactless;Antivalent		

TEMPERATURE SENSOR

LINE No.	TYPE NUMBER	OUTPUT TYPE	TOTAL VOLT (V)	PD MAX (W)	TEMP CODE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
42	TT590I		30		5C	Lin Iout 1.0uA/°k;Non Lin ±3.0°C Max	5MA90TX	TO52
43	TT590J		30		5C	Lin Iout 1.0uA/°k;Non Lin ±1.5°C Max	5MA90TX	TO52
44	TT590K		30		5C	Lin Iout 1.0uA/°k;Non Lin ±.80°C Max	5MA90TX	TO52
45	TT590L		30		5C	Lin Iout 1.0uA/°k;Non Lin ±.40°C Max	5MA90TX	TO52
46	TT590M		30		5C	Lin Iout 1.0uA/°k;Non Lin ±.30°C Max	5MA90TX	TO52
47▾	LM3911H05	O Col	36.0		28	Linearity 2.0 %;Long Term stability 0.3%†	39LM11HX	CN64a
48▾	LM3911H46	O Col	36.0		28	Linearity 2.0 %;Long Term stability 0.3%†	39LM11HX	CN64
49▾	LX5600AH	O Col	36.0		5C	Linearity 0.018;Long Term stability ±0.002;Vin range 0V to 7V	56LM00HX	CN80
50▾	LX5600H	O Col	36.0		5C	Linearity 0.018;Long Term stability ±0.002;Vin range 0V to 7V	56LM00HX	CN80
51▾	LX5700H	O Col	36.0		5C	Linearity 0.018;Long Term stability ±0.002;Vin range 0V to 7V	56LM00HX	CN81

OTHER SENSOR

LINE No.	TYPE NUMBER	OUTPUT TYPE	TOTAL VOLT (V)	PD MAX (W)	TEMP CODE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
55▾	ULN2232A		4.5		14	Motion detector ;Light range 0.1 to 100 FC		DL14Ø

LINE No.	[3] TYPE NUMBER	PWR SUP @ 25°C RATED SPECS [1] TOTL VOLT (V)	[2] PD MAX (W)	TEMP -	CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE

CONSTANT CURRENT SOURCE

LINE No.	TYPE NUMBER	TOTL VOLT (V)	PD MAX (W)	TEMP CODE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
4	MJ335			07	Current Source I30nA-I3.0mA Iout;Vs 40V Pd 500 mW	37LM56MX	

OTHER DEVICES

LINE No.	TYPE NUMBER	TOTL VOLT (V)	PD MAX (W)	TEMP CODE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
8▾	S175A			06	Triple analogue memory	1S75ZX	DL16aa
9	uA7391PC			4A	Motor Speed Control System;Vs 14.5;Motor Drive Vsat 1.1VΔ;Pulse Output	73LM91PX	MT50
10	U112B			08	Monolithic Integrated Triac Control Circuit With Touch Switch	1U12BX	MO001AC
11	U113B			08	Monolithic Integrated Touch Switch	1U13BX	DL4b
12▾	ULN2301M	12.0		07	Amplifier-Detector circuit;Av 30 dB min;Frequency response 150kHz	23LM01MX	DL8a
13▾	ULN2300M	12.0	250m	07	Amplifier-SCR firing circuit;Gain 37 dB;Frequency response 150kHz	23LM00MX	DL8a
14▾	2255A	15.0 ±		56	Logarithmic Feedback Element;Output Voltage Coefficient ±1.0 V/Decade		
15▾	MC1407L	15 ±	1.0	07	Analog A/D Building Block	14LM07NX	DL16c
16▾	SAS560	30.0		26	Switch amplifier for touch control with high sensitivity		DL16r
17▾	SAS570	30.0		26	Switch amplifier for touch control with high sensitivity		DL16r

ACTIVE FILTER

LINE No.	[3] TYPE NUMBER	PWR SUP @ 25°C RATED SPECS [1] TOTL VOLT (V)	[2] PD MAX (W)	TC EO MD PE -+	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
4	ACF7032C			07	Active Filter;LP,HP,BP,BR;Vs±15V;Passband Gain 10Δ;Voltage Gain 86dB*;	70LM32CX	CN35a
5	ACF7096C			07	Active Filter;LP,HP,BP,BR;VS ±15V;Passband Gain 10Δ;Voltage Gain 86db*	70LM96CX	14-31a
6	ACF7412C			07	2600 Hz Band Suppression Filteer;30db Atten From 2585Hz-2615Hz;Out Z 2		
7	CH1252			07	Dual Channel FSK Transmit Filter	12CH52ZX	DL16a
8	CH1253			07	Dual Channel 30dB FSK Transmit Filter 1080/1750Hz	12CH52ZX	DL16bc
9	CH1257			07	Dual Channel FSK Receive Filter	12CH57ZX	DL16a
10	KH3208				FILTER; Active; NSTC and PAL Encoder Filter		
11	MC145431L			48	Tuneable Low-Pass/Band Filter;7-Pole Elliptic Low-Pass/4-Pole Band-Pas	45C431PX	DL16n
12	MC145431P			48	Tuneable Low-Pass/Band Filter;7-Pole Elliptic Low-Pass/4-Pole Band-Pas	45C431PX	DL16⍁
13	MC145433P			48	Notch/Bandpass Filter;6-Pole Notch/4-Pole Bandpass	45C433PX	DL16⍁
14	MC145434L			48	Notch/Bandpass Filter;6-Pole Notch/4-Pole Bandpass	45C433PX	DL16n
15	MC145434P			48	Notch/Bandpass Filter;6-Pole Notch/4-Pole Bandpass	45C433PX	DL16⍁
16	MF409IP			28	Linear Filter;0.03 to 10V/Sec Range;±0.03% Linearity;±10 Volt Signal L	4MF09PX	MD8⍁
17	TCA250			06	Double Filter Amp.for Act.Filters in the AF Range,e.g.for electronics	2TA50ZX	TO116
18	MK5912-3P	5.0			PCM Transmit/Receive Filter	59LM12PX	DL⍁
19♦	SM301	5.0			Receiver;Codec;MFV Code		DL24ao
20	MT8912AC	5.0	850m	48	PCM Filter	89LM12LX	DL16fp
21♦	MT8865AD	12	850m	5C	DTMF Filter;has Hi,Low Group Filterin		DL16fp
22♦	MT8865AY	12	850m	48	DTMF Filter;has Hi,Low Group Filterin		DL18q
23♦	FLT-BP4B20KQ10	15.0 ±		07	BP 4-pole filter; 20-20kHz; VI and VO ±10V; Is 16mA		
24♦	FLT-BP4B20KQ5	15.0 ±		07	BP 4-pole filter; 20-20kHz; VI and VO ±10V; Is 16mA		
25♦	FLT-BP4B50Q5	15.0 ±		07	BP 4-pole filter; .05-50Hz; VI and VO ±10V; Is 16mA		
26♦	FLT-BP4B500Q10	15.0 ±		07	BP 4-pole filter; 0.05-500Hz; VI and VO ±10V; Is 16mA		
27♦	FLT-BP4B500Q5	15.0 ±		07	BP 4-pole filter; 0.05-500Hz; VI and VO ±10V; Is 16mA		
28♦	FLT-LP4B5K	15.0 ±		07	LP 4-pole filter; 100-5kHz; VI and VO ±10V; Is 22mA		
29♦	FLT-LP4B50	15.0 ±		07	LP 4-pole filter; 1.0-50Hz; VI and VO ±10V; Is 22mA		
30♦	FLT-LP4B50K	15.0 ±		07	LP 4-pole filter; 1k-50kHz; VI and VO ±10V; Is 22mA		
31♦	FLT-LP4B500	15.0 ±		07	LP 4-pole filter; 10-500Hz; VI and VO ±10V; Is 22mA		
32♦	FLT-LP4L5K	15.0 ±		07	LP 4-pole filter; 100-5kHz; VI and VO ±10V; Is 22mA		
33♦	FLT-LP4L50	15.0 ±		07	LP 4-pole filter; 1.0-50Hz; VI and VO ±10V; Is 22mA		
34♦	FLT-LP4L50K	15.0 ±		07	LP 4-pole filter; 1k-50kHz; VI and VO ±10V; Is 22mA		
35♦	FLT-LP6B5K	15.0 ±		07	LP 6-pole filter; 100-5kHz; VI and VO ±10V; Is 28mA		
36♦	FLT-LP6B50	15.0 ±		07	LP 6-pole filter; 1.0-50Hz; VI and VO ±10V; Is 28mA		
37♦	FLT-LP6B50K	15.0 ±		07	LP 6-pole filter; 1k-50kHz; VI and VO ±10V; Is 28mA		
38♦	FLT-LP6B500	15.0 ±		07	LP 6-pole filter; 10-500Hz; VI and VO ±10V; Is 28mA		
39♦	FLT-LP6L5K	15.0 ±		07	LP 6-pole filter; 1005kHz; VI and VO ±10V; Is 28mA		
40♦	FLT-LP6L50	15.0 ±		07	LP 6-pole filter; 1.0-50Hz; VI and VO ±10V; Is 28mA		
41♦	FLT-LP6L50K	15.0 ±		07	LP 6-pole filter; 1k-50kHz; VI and VO ±10V; Is 28mA		
42♦	FLT-LP6L500	15.0 ±		07	LP 6-pole filter; 10-500Hz; VI and VO ±10V; Is 28mA		

CODEC CIRCUIT

LINE No.	TYPE NUMBER	TOTL VOLT (V)	PD MAX (W)	TCEMODPE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
46	MC14402Z			48	Codec Filter PCM-Mono Ckt;Sync/Async Operation	44LM02ZX	LL28a
47	S3505AC	5.0			PCM CODEC w/Filter	35LM05AX	DL24bg
48	S3505AD	5.0			PCM CODEC w/Filter	35LM05AX	DL24bh
49	S3505AP	5.0			PCM CODEC w/Filter	35LM05AX	DL24as
50	S3505C	5.0			PCM CODEC w/Filter	35LM05CX	DL24bg
51	S3505D	5.0			PCM CODEC w/Filter	35LM05CX	DL24bh
52	S3505P	5.0			PCM CODEC W/Filter	35LM05CX	DL24as
53	MK5116P	5.0	30m	07	a-255 Law Companding CODEC	51LM16JX	DL16dc
54	MK5151P	5.0	30m	5C	a-255 Law Companding CODEC	51LM16JX	DL24bc
55	uA5116JC	5.0	30m	07	u255-law Companding CODEC	51LM16DX	DL16ec
56	uA5151JC	5.0	30m	07	u255-law Companding CODEC	51LM16DX	DL24bd
57	uA5156JC	5.0	30m	07	A-Law Company CODEC	51LM16AX	DL16ec
58♦	S291A	5.0	75m	27	PCM 2-Chan Codec;Pwr Down Mode		
59♦	MK5150N	5.0	200m	07	CODEC;u255 Companding Law		D24-45
60♦	MK5150P	5.0	200m	07	CODEC;u255 Companding Law		DL24bc
61	MK5151N	5.0	500m	5C	u255-Law Companding CODEC	51LM16DX	D24-45
62	MK5156N	5.0	500m	5C	A-Law Companding CODEC	51LM16AX	DL16⍁
63	MK5156P	5.0	500m	07	E11-51	51LM16AX	DL16dc
64♦	S291	5.0	600m	27	PCM 2-Chan Codec;Out Load ITTL		DL24ao
65	S3505	5.0	1.0	27	Single Ch u-Law PCM CODEC/Filter Set	60LM15AX	DL⍁
66	S3505A	5.0	1.0	27	Single Ch u-Law PCM CODEC/Filter Set	35LM05AX	DL⍁
67	DF341/342	7.5		27	CODEC Pair Conforming to A-Law	3LM41CX	DL14p
68	DF331/332	7.5	90m	07	CODEC Pair Conforming to u-255 Law	3LM34CX	DL14p
69	DF334CJ	7.5	450m	07	CODEC Pair Conforming to u-255Law	3LM34CX	DL14p
70	NC2331	7.5	450m	07	uLaw CODEC Set:Coder (See NC2332)	3LM34CX	DL⍁
71	NC2332	7.5	450m	07	uLaw CODEC Set:Decoder(See NC2331)	3LM34CX	DL⍁
72♦	S3501E	7.5	500m	07	u-Law PCM Codec/Filter	35LM01XX	DL16fj
73♦	S3502E	7.5	500m	07	u-Law PCM Codec/Filter	35LM02XX	DL16fj
74	AY3-9900	9.0	450m	27	CODEC,Pin Selectable A/u-Law	99LM00AX	DL24bm
75♦	SM61A1	12	75m	27	PCM 2-Chan Codec;Pwr Down Mode		DL24bc
76♦	SM61A	12	300m	27	PCM 2-Chan Codec;Out Load ITTL		
77	2910	12	1.4	07	PCM Codec,u Law,Conv Time 30us	29LM10ZX	D24⍁
78	2911	12	1.4	07	PCM Codec,A Law,Conv Time 40us	29LM11ZX	D22⍁
79	MC14406Z	16	80m	48	Codec Mu-Law PCM 8-Bit Companding A/D	22LM40LX	LL24⍁

COMPANDER CIRCUIT

LINE No.	TYPE NUMBER	TOTL VOLT (V)	PD MAX (W)	TCEMODPE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
83♦	MK5155J	5.0	200m	07	CODEC;A-Law Companding Code E11	51LM16AX	DL16ay
84♦	MK5155N	5.0	200m	07	CODEC;A-Low Compounding Code	51LM16AX	DL16ay
85♦	MK5155P	5.0	200m	07	CODEC;A-Law Companding Code	51LM16AX	DL16cs

CROSSPOINT SWITCH

LINE No.	TYPE NUMBER	TOTL VOLT (V)	PD MAX (W)	TCEMODPE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
89	MT8804AE	5.0 ±	600m	48	4x4 switch w/control memory	88MT04CX	DL24⍁
90	U145M	5.0	780m	07	Cross Point Switches for PABEX	1U45MX	MO005AH
91	MT8804AC	5.0 ±	1.2	48	4x4 switch w/control memory	88MT04CX	DL24⍁
92	4741BDM	15	400m	5C	4x4; 10MH bandwidth	22D100DX	DL16gk
93	4741BFC	15	400m	28	4x4; 10MH bandwidth	22D100DX	FP28
94	4741BFM	15	400m	5C	4x4; 10MH bandwidth	22D100DX	FP28
95	4741BPC	15	400m	28	4x4; 10MH bandwidth	22D100DX	DL16⍁
96	RC4444PU	25	900m		dual 4x4; for 600Ω balanced lines	34MC16PX	DL24⍁
97	RC4444R	25	900m		dual 4x4; for 600Ω balanced lines	34MC16PX	DL24⍁

DUAL TONE MULTI-FREQUENCY GENERATOR

LINE No.	TYPE NUMBER	TOTL VOLT (V)	PD MAX (W)	TCEMODPE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
101	AY5-9500	0.0		27	Clk Gen for Push Button/Repertory Dia		D14-8a
102	AY5-9801	0.0	350m	27	Dual Tone Multi Freq Rec;Out Code:4-B	9L801AX	DL28b
103	AY5-9803	0.0	350m	27	Dual Tone Multi Freq Rec		DL40d
104	AY5-9804	0.0	350m	27	Dual Tone Multi Freq Rec	9L801AX	DL28b
105	AY5-9806	0.0	350m	27	Dual Tone Multi Freq Rec;Out Code:1 o		DL40d
106	AY5-9807	0.0	350m	27	Dual Tone Multi Freq Rec		DL24bm
107	AY5-9821	0.0	350m	27	Dual Tone Multi Freq Rec;Out Code:4-B	9L801AX	D28-3g
108	AY5-9823	0.0	350m	27	Dual Tone Multi Freq Rec;Out Code:2 o		D40-17
109	AY5-9824	0.0	350m	27	Dual Tone Multi Freq Rec;Out Code:Bin	9L801AX	D28-3g
110	AY5-9826	0.0	350m	27	Dual Tone Multi Freq Rec;Out Code:1 o		D40-17

LINE No.	[3] TYPE NUMBER	PWR SUP @ 25°C RATED SPECS [1] TOTL VOLT (V)	[2] PD MAX (W)	TC EO MD PE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1	AY5-9827	0.0	350m	27	Dual Tone Multi Freq Rec;Out Code:2 o		DL24h
2	AY9-9086	1.5			Dual Tone Multi Freq Generator	9L086AX	DL16eg
3	AY3-9400	4.0	80m	27	Dual Tone Multi Freq Gen	94LM00AX	DL14bb
4	AY3-9401	4.0	80m	27	Dual Tone Multi Freq Gen	94LM01AX	DL16eg
5	AY3-9410	4.0	80m	27	Dual Tone Multi Freq Gen	94LM01AX	DL16eg
6	NC2030	5.0	200m	07	DTMF Detector	20LM30NX	DL14cp
7♦	S120A3	5.0	400m	27	Dialer;Push Button;In BCD Code		
8♦	S121B	5.0	400m	27	Dialer;Push Button;16x4-Bit Memory		
9	MT8862AE	5.0	600m	48	DTMF;Decoder	88LM62AX	DL24j
10	MT8863AE	5.0	600m	48	DTMF;Decoder	88LM62AX	DL24j
11	MT8862AC	5.0	1.2	48	DTMF;Decoder	88LM62AX	DL24e
12	MT8863AC	5.0	1.2	48	DTMF;Decoder	88LM62AX	DL24e
13	AY5-9559	10		5C	DTMF Dialer;3.58MHz X-tal;8-keybd-in	95LM55AX	DL16fg
14	MK5094N	10	500m	07	Integrated Tone Dialer E	50LM92LX	DL16ff
15	MK5380J	10	500m	37	DTMF Tone Dialer IC;3.58MHz Xtal Osc	53LM80JX	DL16fq
16	MK5380P	10	500m	37	DTMF Tone Dialer IC;3.58MHz Xtal Osc	53LM80JX	DL16fp
17	MK5389J	10	500m	37	DTMF Dialer IC;3.58MHZ X-tal Osc	53LM89JX	DL16fq
18	MK5389P	10	500m	37	DTMF Dialer IC;3.58MHz X-tal Osc	53LM89JX	DL16fp
19	S2859E	10	500m	27	Dual Tone Digital Gen;Mute Drivers	25LM89CX	DL16fj
20	S25089	10	500m	27	DTMF Generator; use TV xtal std.	25LM89EX	
21♦	SBA5091	10	500m	37	DIALER;DTMF Telephones		DL18ci
22	G5087DI	10	850m	48	DTMF Generator;3.58MHz crystal	50-87GX	DL16fe
23	G5087P	10	850m	07	DTMF Generator;3.58MHz crystal	50-87GX	DL16fd
24	G5087PI	10	850m	48	DTMF Generator;3.58MHz crystal	50-87GX	DL16fd
25	G5089DI	10	850m	48	DTMF Generator;3.58MHz crystal	50-89GX	DL16fe
26	G5089P	10	850m	07	DTMF Generator;3.58MHz crystal	50-89GX	DL16fd
27	G5089PI	10	850m	48	DTMF Generator;3.58MHz crystal	50-89GX	DL16fd
28♦	MT5087AC	10.5		48	DTMF Tone Dialer		
29♦	MT5089AC	10.5		48	DTMF Tone Dialer		
30	MT8865AE	12	400m	48	DTMF Filter;Has Hi,Low Group Filterin	88LM65IX	DL16fo
31♦	MC14403P	12	500m	37	Dual Tone Multi-freq Dialer	E11-13a	DL16ai
32♦	MC14405P	12	500m	37	Dual Tone Multi-freq Dialer	E11-13b	DL18v
33	MT8865AC	12	850m	48	DTMF Filter;Has Hi,Low Group Filterin	88LM65IX	DL16fp
34♦	S359	14		27	Dialer;Push Button;Osc;BCD/MFV Code		DL16ak
35	MT8820AC	15		48	DTMF;Receiver/Decoder	88LM20AX	D2y☑
36	MT8820AD	15	37m	5C	LSI Dual Tone Multi Freq Recvr/Decode	88LM20AX	DL☑
37	MT8820AE	15	37m	48	LSI Dual-Tone Multi-Freq Rcvr/Decoder	88LM20AX	D24☑
38	MT8820AJ	15	37m	48	LSI Dual Tone Multi Freq Recvr/Decode	88LM20AX	DL☑
39	MT8820AN	15	37m	48	LSI Dual Tone Multi Freq Recvr/Decode	88LM20AX	DL☑
40	G8860XPI	15	450m	48	DTMF Decoder;3 State buffered 4 bit	88LM60GX	DL18bc
41♦	G8862P#ai	15.0	600m	07	DTMF Decoder;	32LM03AX	DL24cb
42♦	G8862PI#ai	15.0	600m	48	DTMF Decoder	32LM03AX	DL24cb
43♦	G8863PI#ai	15.0	600m	48	DTMF Decoder	32LM03AX	DL24cb
44♦	G8863DI#ai	15.0	1.2	48	DTMF Decoder	32LM03AX	DL24cb
45♦	MT8862AY	15	1.2	48	DTMF Decoder;16 Tone Pairs	43LM27CX	LL24a
46♦	MT8863AY	15	1.2	48	DTMF Decoder;16 Tone Pairs	43LM27CX	LL24a

MODEM

50▾	SG1496G	15.0 ±	680m	07	Balanced Modulator/Demodulator;Vo 8.0Vp-p†	14LM96HX	CN10b
51▾	SG1596G	15.0 ±	680m	5C	Balanced Modulator/Demodulator;Vo 8.0Vp-p†	14LM96HX	CN106
52♦	SG1496L	15.0 ±	900m	07	Balanced Modulator/Demodulator;Vo 8.0Vp-p†	14LM96GX	DL14ag
53▾	SG1596L	15.0 ±	900m	5C	Balanced Modulator/Demodulator;Vo 8.0Vp-p†	14LM96GX	DL14ag
54▾	GEL1496	20.0	33.0m†	08	Balanced Modulator/Demodulator;Vo 8.0Vp-p†	14LM96HX	TO100
55▾	GEL1596	20.0	33.0m†	5C	Balanced Modulator/Demodulator;Vo 8.0Vp-p†	14LM96HX	TO100
56▾	VA5R159631	20.0	33.0m†	5C	Balanced Modulator/Demodulator;Vo 8.0Vp-p†	14LM96HX	CN10b
57▾	VA5R159639	20.0	33.0m†	07	Balanced Modulator/Demodulator;Vo 8.0Vp-p†	14LM96HX	CN10b

MODULATOR

61	MC6862CL			48	Digital Modulator;511-Bit CCITT Test Pattern;1200/2400bps Operation	61LM72PX	DL24n
62	MC6862CP			48	Digital Modulator;511-Bit CCITT Test Pattern;1200/2400bps Operation	61LM72PX	DL24o
63	MC6862CS			48	Digital Modulator;511-Bit CCITT Test Pattern;1200/2400bps Operation	61LM72PX	DL24p
64▾	SL640G				Double Balanced Modulator	6SL40GX	
65▾	SL641G				Double Balanced Modulator	6SL41GX	
66▾	TAB101			07	Ring Modulator;BVcbo 10V;BVebo 5.0V;Ic 10.0mA;hFE 20 min;fT 100MHz	20LM01ZX	TO74
67	WJM2B			2A	Double Bal;LO RF10-1600MHz;IF DC-800MHz;Isol 15dB min,CL8.5dB max at L	0WJ2BX	CN59
68	WJM2H			5A	Double Bal;LO.8-3.5GHz;RF1.0-2.2GHz;IF DC-1.5GHz;Isol 17dB min,CL8.5dB	0WJ2HX	CN59a
69▾	SFC2001		100m	07	Ring Modulator;BVcbo 10V;BVebo 5.0V;Ic 10.0mA;fT 100MHz	20LM01ZX	TO100
70▾	TAA101		100m		Ring Modulator;BVcbo 10V;BVebo 5.0V;Ic 10.0mA;hFE 75†	20LM01ZX	TO74

PULSE CODE MODULATOR CIRCUIT

74	MK5912J3	5.0	500m	07	PCM XMIT/RECV Filter;50/60Hz Reject	29LM12BX	DL16fq
75	G8912DI	5.0	850m	48	PCM Transmit/Receive Filter;CCITT	29LM12BX	DL16ff
76	MC14413L	18	30m	48	Pulse Modulation; Data Filter	14LM413X	DL16e
77	MC14413P	18	30m	48	Pulse Modulation; Data Filter	14LM413X	DL16fb
78	MC14414L	18	30m	48	Pulse Modulation; Data Filter	14LM413X	DL16e
79	MC14414P	18	30m	48	Pulse Modulation; Data Filter	14LM413X	DL16fb

SUBSCRIBER LOOP INTERFACE CIRCUIT

83	MC3519L	0.0	1.5	48	Subscriber Loop Interface Circuit	35LM19LX	DL18cl
84	MC3519P	0.0	1.5	48	Subscriber Loop Interface Circuit	35LM19LX	DL18t

SWITCHING CIRCUIT

88	MC3419P	0	1.0	07	Subscriber Loop Interface Circuit	34LM19LX	DL18t
89	CD22417E	18.5	500m	48	Time Slot Assigner circuit; Vil2.4V;Vih 9.6V	24LM17DX	DL18cf

TELEPHONE CIRCUIT

93	S2816				Echo canceller processor;76db ERL	28LM16SX	DL28☑
94♦	AY5-9802	0.0	350m	27	Dual Tone Multi Freq Rec	E11-27a	DL40d
95♦	AY5-9805	0.0	350m	27	Dual Tone Multi Freq Rec;Out Code:4-B	E11-27b	DL24bm
96♦	AY5-9808	0.0	350m	27	Dual Tone Multi Freq Rec	E11-27b	DL24bm
97♦	AY5-9822	0.0	350m	27	Dual Tone Multi Freq Rec;Out Code:1 o	E11-27a	D40-17
98♦	AY5-9825	0.0	350m	27	Dual Tone Multi Freq Rec;Out Code:4-B	E11-27b	DL24h
99♦	AY5-9828	0.0	350m	27	Dual Tone Multi Freq Rec;Out Code:Bin	E11-27b	DL24h
100♦	AY5-9153A	5.0		27	AY5-9151A in 3x4 Matrix Keyboard	E11-25b	DL28a
101♦	AY5-9153B	5.0		27	Push Button Telephone Dialers	E11-25b	DL28ay
102	MT8860AE	5.0	450m	48	DTMF Decoder;Detects,Decod 16 Pairs	85LM60XX	
103	MT8860AC	5.0	1.0	48	DTMF Decoder;Detects,Decod 16 Pairs	85LM60XX	DL18cn
104	G8860P	10	450m	07	DTMF Decoder;3.58MHz crystal;tristate	88LM60DX	DL18bc
105	G8860PI	10	450m	48	DTMF Decoder;3.58MHz crystal;tristate	88LM60DX	DL18bc
106♦	MK5098N	10.0	500m	37	Integrated Pulse Dialer;Min Ios 1.0mA	E11-40a	
107♦	MT4320AD	10.0	1.0	5C	Keypad Pulse Dialer	E11-1,b	DL18ch
108	MT8860AD	15		5C	DTMF Decoder;Detects,Decodes 16 Tone	85LM60XX	
109	MT8860AY	15		48	DTMF Decoder;Detects,Decodes 16 Tone	85LM60XX	
110	M957C	16	1.0	07	DTMF Receiver;decodes all 16 digits	9LM57MX	DL22c

LINE No.	[3] TYPE NUMBER	PWR SUP @ 25°C RATED SPECS [1] TOTL VOLT (V)	[2] PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1	TDD0246	66	2.3	27	Amp for Dynamic Telephone/Microphone	2L042AX	DL8z

TELEPHONE DIALER

LINE No.	TYPE NUMBER	TOTL VOLT (V)	PD MAX (W)	TEMP CODE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
5♦	AY5-9106		240u	27	Push Button Phone Dialler;Clock 20kHz	91LM00AX	DL18bd
6♦	AY5-9118		240u	27	Push Button Phone Dialler;Clock 21kHz	E11-24a	DL14bb
7♦	AY5-9100		2.0m	27	Push Button Phone Dialler;Clock 30kHz	91LM00AX	DL18bd
8♦	AY5-9110		2.0m	27	Push Button Phone Dialler;Clock 30kHz	91LM00AX	DL18bd
9♦	AY5-9120		2.0m	27	Push Button Phone Dialler;Clock 30kHz	91LM00AX	DL18bd
10♦	AY5-9200	0.0	2.3m	5C	Repertory Dialler,Stores 10 x 22 Dig	9L200AX	DL16eg
11♦	AY9-9600	1.5	1.0m		Push Button Telephone Dialler	9L600AX	DL16eg
12	DF321DJ	3.0	450m	48	Telephone Sys Loop Disconnect Dialer	3LM21DX	DL28f
13	MT4320AE	3.0	450m	48	Keypad Pulse Dialer	3LM20DX	DL18ch
14	MT4322AE	3.0	450m	6	Keypad Pulse Dialer	3LM21DX	DL18ch
15	MT4323AE	3.0	450m	6	Keypad Pulse Dialer	3LM21DX	DL18ch
16	NC2320V	3.0	450m	48	Keybd to Phone Sys Loop Discon Dial	3LM20DX	DLØ
17	NC2321V	3.0	450m	48	Keybd to Phone Sys Loop Discon Dial	3LM21DX	DLØ
18	NC2322V	3.0	450m	48	Keybd to Phone Sys Loop Discon Dial	3LM21DX	DLØ
19	DF321DR	3.0	1.0	48	Telephone Sys Loop Disconnect Dialer	3LM21DX	DL28x
20	NC2320R	3.0	1.0	48	Keybd to Phone Sys Loop Discon Dial	3LM20DX	DLØ
21	NC2321R	3.0	1.0	48	Keybd to Phone Sys Loop Discon Dial	53LM143X	DLØ
22	NC2322R	3.0	1.0	48	Keybd to Phone Sys Loop Discon Dial	3LM21DX	DLØ
23♦	AY5-9154A	5.0		27	AY5-9153A;Make Fixed at 60:40PPlus	E11-25c	DL28a
24	AY5-9151	5.0	1.0m	27	Push Button Phone Dialler;Cl 18.7kHz	91LM51ZX	DL18bd
25	AY5-9152	5.0	1.0m	27	Push Button Phone Dialler;Cl 18.7kHz	91LM51GX	DL18bd
26♦	AY5-9153	5.0	1.0m	27	Push Button Phone Dialler;Cl 18.7kHz	E11-25b	DL28b
27♦	AY5-9154	5.0	1.0m	27	Push Button Phone Dialler;Cl 18.7kHz	E11-25c	DL28b
28♦	NC320	5.0	450m	48	Keybd to Phone Sys Loop Discon Dial	03LM20NX	DLØ
29	NC322	5.0	450m	48	Keybd to Phone Sys Loop Discon Dial	3LM20DX	DLØ
30♦	MK5170N	5	1.0	07	Repertory Dialer	51LM70NX	DL40Ø
31	NC321	5.0	1.0	48	Keybd to Phone Sys Loop Discon Dial	3LM21DX	DLØ
32	DF325DJ	5.5			Telephone Sys Loop Disconnect Dialer	3LM20DX	DL18cj
33♦	S2560B	5.5	2.7m	48	Keypad Pulse Dialer;20 Digit Stg.	E11-33b	DL24as
34	MK5099N	6.0	500m	37	Integrated Pulse Dialer with Redial	50LM99AX	DL16ff
35	MT4325AE	7.0	450m	48	Programmable Keypad Pulse Dialer	3LM21DX	D18-25
36	MT4326AE	7.0	450m	48	Same as MT4325 with M2 Muting	3LM21DX	D18-25
37	MT4325AD	7.0	1.0	48	Programmable Keypad Pulse Dialer	3LM21DX	DL18bb
38	MT4326AD	7.0	1.0	48	Same as MT4325 with M2 Muting	3LM21DX	DL18bb
39♦	TZ2001	10		07	uC Telephone Dialer;prgmd-Pulse Dialr	20SM01TX	DL40ao
40♦	TZ2002	10		07	uC Telephone Dialer;prgmD-DT Dialer	E11-115a	DL40ao
41	G4320P#ai	10.0	450m	07	ISO Keypad Pulse Dialer E11-1	3LM20DX	DL18bc
42	G4320PI#ai	10.0	450m	48	ISO Keypad Pulse Dialer	3LM20DX	DL18bc
43	G4325P#ai	10.0	450m	07	ISO Programmable Keypad Pulse Dialera	3LM21DX	DL18bc
44	G4325PI#ai	10.0	450m	48	ISO Programmable Keypad Pulse Dialer	3LM21DX	DL18bc
45	G4326P#ai	10.0	450m	07	ISO Programmable Keypad Pulse Dialer	3LM21DX	DL18bc
46	G4326PI#ai	10.0	450m	48	ISO Programmable Keypad Pulse Dialer	3LM21DX	DL18bc
47♦	MK5087P	10	500m	37	Integrated Tone Dialer	50LM87PX	DL16dc
48♦	MK5089J	10	500m	37	Integrated Tone Dialer	50LM92LX	DL16fg
49♦	MK5089P	10	500m	37	Integrated Tone Dialer	50LM92LX	DL16dc
50	MK5091N	10	500m	37	Integrated Tone Dialer;CEPT Compatibl	50LM91NX	DL16ff
51♦	MK5092N	10	500m	07	Integrated Tone Dialer	50LM92LX	DL16ff
52	G4320DI#ai	10.0	1.0	48	ISO Keypad Pulse Dialer	3LM20DX	DL18bl
53	G4320DM#ai	10.0	1.0	5C	ISO Keypad Pulse Dialer	3LM20DX	DL18bl
54	G4325CM#ai	10.0	1.0	5C	ISO Programmable Keypad Pulse Dialer	3LM21DX	DL18bk
55	G4325DI#ai	10.0	1.0	48	ISO Programmable Keypad Pulse Dialer	3LM21DX	DL18bl
56	G4326DI#ai	10.0	1.0	48	ISO Programmable Keypad Pulse Dialer	3LM21DX	DL18bl
57	MT4322AC	10	1.0	48	Keypad Pulse Dialer	3LM21DX	DL18bb
58	MT4323AC	10	1.0	48	Keypad Pulse Dialer	3LM21DX	DL18bb
59	MT4326AC	10	1.0	48	Same as MT4325 with M2 Muting	3LM21DX	DL18cn
60	MT4327AC	10	1.0	48	Programmable Keypad Pulse Dialer	43LM27CX	DL18cn
61♦	MK5087J	10.5	500m	37	Integrated Tone Dialer	22LM859X	DL16fg
62♦	MK5089N-1	10.5	500m	37	Integrated Tone Dialer	50LM89SX	DL16fc

TELEPHONE TONE RINGER

LINE No.	TYPE NUMBER	TOTL VOLT (V)	PD MAX (W)	TEMP CODE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
66	ML8205			46	Tone Ringer;Vin 88Vrms;Fin 20Hz;Iin (Ringing)8mArms;Pout 40mW;Fout (Lo	82LM04EX	DL8ah
67♦	ML8204	10.0	88m	48	Tone Ringer For Telephone Set	E11-5	DL8r
68	S2561CE	12	50m	27	Tone Ringer;Rate Output Option	25LM61HX	DL18be
69	S2561E	12	50m	27	Tone Ringer;Ring Enable	25LM61HX	DL18be

TELEX CIRCUIT

LINE No.	TYPE NUMBER	TOTL VOLT (V)	PD MAX (W)	TEMP CODE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
73	SAA5040A	7.5 Ø		27	Teletext acquisition and control circuit; Isup 120mA;Vih 2.4V;Vil0.6V	50-40	DL28bq
74	SAA5040B	7.5 Ø		27	Teletext acquisition and control circuit; Isup 120mA;Vih 2.4V;Vil0.6V	50-40	DL28bq
75	SAA5040C	7.5 Ø		27	Teletext acquisition and control circuit; Isup 120mA;Vih 2.4V;Vil0.6V	50-40	DL28bq
76	SAA5043	7.5 Ø		27	Teletext acquisition and control circuit; Isup 120mA;Vih 2.4V;Vil0.6V	50-40	DL28bq

12. TIMERS – Timers

TIMER

LINE No.	[4] TYPE NUMBER	[1] CKTS PER PKG	[2] MODE	[3] TECH	TP MAX (s)	OUTPUT TR TYP (s)	OUTPUT TF TYP (s)	DRIFT WITH TEMP (PPM/ °C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
4♦	MC1422G		RC			100n	100n		14	680m	07		14LM22PX	TO99
5	RC288J		RC	DTL	100n				6.0	75m	07		10LM1ZX	
6	RC288T		RC	DTL	100n				6.0	75m	07		10LM1ZX	
7	B895003		RC	RCT	4.0u	200n	400n		6.0		28		89M503ZX	
8	TRW74121		RC	TTL	30n				5.0	200m†	07		74L121ZX	
9♦	MC14536AL	1	CTR	CMS		75n	75n		10	100u	5C		45-36B	
10♦	MC14536CL	1	CTR	CMS		110n	75n		10	1.0m	48		45-36B	
11♦	MC14536CP	1	CTR	CMS		110n	75n		10	1.0m	48		45-36B	
12♦	4JD12X248	1	RC						6.0	300m	5C		4LM12LX	CN⍁
13♦	CS555A	1	RC			100n	100n		15	600m	5C		5LM55BX	DL8⍁
14♦	CS555B	1	RC			100n	100n		15	600m	07		5LM55BX	DL8⍁
15♦	DM01	1	RC		50n				5.0		07		0DM01LX	
16	G506	1	RC		20n	20n	50n			840m	5C		10LM2QX	
17	MW107	1	RC						5.0	600m	5C		85LM55DX	
18	MW197	1	RC						5.0	600m	5C		85LM55DX	
19	4722BDC	1	RC	CMS					15		48		J0611	
20	4722BDM	1	RC	CMS					15		5C		J0611	
21	4722BFC	1	RC	CMS					15		48		J0611	
22	4722BFM	1	RC	CMS					15		5C		J0611	
23	4722BPC	1	RC	CMS					15		48		J0611	
24	DF216CJ	1	RC	CMS	100m				5.0	10m	07		2M16CX	
25♦	HEF4541BDF	1	RC	CMS	150n	20n	20n		15	400m	48		45-41B	
26	ICL8240CPE	1	RC	CMS	.80m	180n	180n		18	625m	07		82LM40LX	
27	ICL8240MDE	1	RC	CMS	.80m	180n	180n		18	750m	5C		82LM40LX	
28	ICL8250CPE	1	RC	CMS	.80m	180n	180n		18	625m	07		82LM50LX	
29	ICL8250MDE	1	RC	CMS	.80m	180n	180n		18	750m	5C		82LM50LX	
30	ICL8260CPE	1	RC	CMS	.80m	180n	180n		18	625m	07		82LM60LX	
31	ICL8260MDE	1	RC	CMS	.80m	180n	180n		18	750m	5C		82LM60LX	
32	MC14541AL	1	RC	CMS	1.2u	35n	35n		10	100u	5C		14M541AX	
33	MC14541CL	1	RC	CMS	1.2u	35n	35n		10	1.0m	48		14M541AX	
34	MC14541CP	1	RC	CMS	1.2u	35n	35n		10	1.0m	48		14M541AX	
35	MD68SC40AC	1	RC	CMS	220n	500n	500n		7.0	1.0	48		85LM55DX	
36	MD68SC40AE	1	RC	CMS	220n	500n	500n		7.0	1.0	48		85LM55DX	
37	3K25	1	RC	DTL		100n	300n		6.0	117m	28		3K25ZX	
38	5K25	1	RC	DTL		80n	40n		12	72m			5K25ZX	
39	8203	1	RC	DTL	30n	20n	10n		6.0	170m	5C		82LM03AX	
40♦	A08A	1	RC	DTL	40n	25n	8.0n		5.0	54m	5C		0LM08AX	CN⍁
41♦	A08F	1	RC	DTL	40n	25n	8.0n		5.0	54m	5C		0LM08AX	TO48
42♦	A48A	1	RC	DTL	40n	25n	8.0n		5.0	54m	5C		0LM08AX	CN⍁
43♦	A48F	1	RC	DTL	40n	25n	8.0n		5.0	54m	5C		0LM08AX	CN⍁
44♦	D951-1R	1	RC	DTL	70n				5.0		5C		9LM51TX	TO116
45♦	D951-1U	1	RC	DTL	70n				5.0		5C		9LM51TX	FP32
46♦	D951-9R	1	RC	DTL	70n				5.0		07		9LM51TX	TO116
47♦	D951-9U	1	RC	DTL	70n				5.0		07		9LM51TX	FP32
48♦	DBOS1193	1	RC	DTL	30n	75n	45n		12				11LM93YX	MP52
49♦	DBOS1193XA	1	RC	DTL	30n	75n	45n		12		07		11LM93YX	MP52
50♦	DBOS1193XAN	1	RC	DTL	30n	75n	45n		12		07		11LM93YX	MP52a
51♦	DBOS1193XB	1	RC	DTL	30n	75n	45n		12		28		11LM93YX	MP52
52♦	DBOS1193XBN	1	RC	DTL	30n	75n	45n		12		28		11LM93YX	MP52a
53♦	DBOS1193XC	1	RC	DTL	30n	75n	45n		12		48		11LM93YX	MP52a
54♦	DBOS1193XCN	1	RC	DTL	30n	75n	45n		12		48		11LM93YX	MP52a
55♦	DBOS1193XD	1	RC	DTL	30n	75n	45n		12		5C		11LM93YX	MP52
56♦	DBOS1193XDN	1	RC	DTL	30n	75n	45n		12		5C		11LM93YX	MP52a
57♦	DBOS1193YA	1	RC	DTL	30n	75n	45n		12		07		11LM93YX	MP52
58♦	DBOS1193YAN	1	RC	DTL	30n	75n	45n		12		07		11LM93YX	MP52a
59♦	DBOS1193YB	1	RC	DTL	30n	75n	45n		12		28		11LM93YX	MP52
60♦	DBOS1193YBN	1	RC	DTL	30n	75n	45n		12		28		11LM93YX	MP52a
61♦	DBOS1193YC	1	RC	DTL	30n	75n	45n		12		48		11LM93YX	MP52
62♦	DBOS1193YCN	1	RC	DTL	30n	75n	45n		12		48		11LM93YX	MP52a
63♦	DBOS1193YD	1	RC	DTL	30n	75n	45n		12		5C		11LM93YX	MP52
64♦	DBOS1193YDN	1	RC	DTL	30n	75n	45n		12		5C		11LM93YX	M52a
65♦	DBOS1193ZA	1	RC	DTL	30n	75n	45n		12		07		11LM93YX	M52
66♦	DBOS1193ZAN	1	RC	DTL	30n	75n	45n		12		07		11LM93YX	M52a
67♦	DBOS1193ZB	1	RC	DTL	30n	75n	45n		12		28		11LM93YX	M52
68♦	DBOS1193ZBN	1	RC	DTL	30n	75n	45n		12		28		11LM93YX	M52a
69♦	DBOS1193ZC	1	RC	DTL	30n	75n	45n		12		48		11LM93YX	M52
70♦	DBOS1193ZCN	1	RC	DTL	30n	75n	45n		12		48		11LM93YX	M52a
71♦	DBOS1193ZD	1	RC	DTL	30n	75n	45n		12		5C		11LM93YX	M52
72♦	DBOS1193ZDN	1	RC	DTL	30n	75n	45n		12		5C		11LM93YX	M52a
73♦	DTL395151	1	RC	DTL	50n				8.0	37m	5C		9LM51TX	FP98b
74♦	DTL395159	1	RC	DTL	50n				8.0	37m	07		9LM51TX	FP98b
75♦	DTL695151	1	RC	DTL	50n				8.0	37m	5C		9LM51TX	M54
76♦	DTL695159	1	RC	DTL	50n				8.0	37m	07		9LM51TX	M54
77	DTuL951#1	1	RC	DTL	25n				8.0	37m	5C		9LM51TX	
78	DTuL951#2	1	RC	DTL	25n				8.0	37m	5C		9LM51TX	
79	FCK101	1	RC	DTL	100n				8.0	110m	07		10LM1ZX	
80	FCK102Q	1	RC	DTL	120n				6.0	110m†	5C		10LM2QX	
81	FuL95129	1	RC	DTL	25n				5.0	35m	07		9LM51TX	
82♦	MC851F	1	RC	DTL	40n				5.0	30m†	07		9LM51TX	TO86
83	MC851G	1	RC	DTL	40n				5.0	30m†	07		9LM51GX	
84♦	MC951F	1	RC	DTL	40n				5.0	30m†	5C		9LM51TX	TO86
85	MC951G	1	RC	DTL	40n				5.0	30m†	5C		9LM51GX	
86♦	MIC951	1	RC	DTL	25n				5.0	37m			9LM51TX	TO116
87	NE160G	1	RC	DTL					6.0	250m	07		1NE60GX	
88	NE160K	1	RC	DTL					6.0	250m	07		1NE60GX	
89	NE161A	1	RC	DTL	75n				6.2	60m†	07		1NE61AX	
90	NE161J	1	RC	DTL	75n				6.2	60m†	07		1NE61AX	
91	NE161K	1	RC	DTL					6.0	250m	07		1NE61AX	
92	NE162A	1	RC	DTL	75n				6.2	60m†	07		1NE62AX	
93	NE162J	1	RC	DTL	75n				6.2	60m†	07		1NE62AX	
94	NE8162A	1	RC	DTL	60n				6.0	90m	07		1NE62AX	
95	NE8162J	1	RC	DTL	60n				6.0	90m	07		1NE62AX	
96	O12001	1	RC	DTL					4.0	5.0m	5C		12LM10AX	
97	O42001	1	RC	DTL					4.0	5.0m	5C		12LM10AX	
98♦	OS11-1	1	RC	DTL	1.0u	200n	500n		12	230m	-		00LM11LX	M15
99♦	OS11-2	1	RC	DTL	200n	100n	300n		12	230m	-		00LM11LX	M15
100♦	OS21-1	1	RC	DTL	150n	100n	30n		12	230m	-		00LM11JX	M16
101♦	PD9951-51	1	RC	DTL	40n	20n	20n		8.0	170m	5C		9LM51TX	TO116
102♦	PD9951-59	1	RC	DTL	40n	20n	20n		8.0	180m	07		9LM51TX	TO116
103♦	PL9951-51	1	RC	DTL	40n	20n	20n		8.0	170m	5C		9LM51TX	TO86
104♦	PL9951-59	1	RC	DTL	40n	20n	20n		8.0	180m	07		9LM51TX	TO86
105♦	PM9951-59	1	RC	DTL	40n	20n	20n		8.0	180m	07		9LM51TX	TO116
106	RC288D	1	RC	DTL	100n				6.0	75m	07		10LM1ZX	
107	RC288P	1	RC	DTL					6.0	30m†	07		10LM1ZX	
108	RC288Q	1	RC	DTL	100n				6.0	75m	07		10LM1ZX	
109	RC988D	1	RC	DTL					5.0		07		98LM8DX	
110	RC988J	1	RC	DTL					5.0		07		98LM8DX	

12. TIMERS (cont'd)

IN ORDER OF (1) CKTS PER PKG (2) MODE (3) TECH (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] CKTS PER PKG	[2] MODE	[3] TECH	TP MAX (s)	OUTPUT TR TYP (s)	OUTPUT TF TYP (s)	DRIFT WITH TEMP (PPM/ °C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TC EO MD PE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	RC988T	1	RC	DTL					5.0		07		10LM2QX	
2	RM288D	1	RC	DTL	100n				6.0	75m	5C		10LM1ZX	
3	RM288J	1	RC	DTL	100n				6.0	75m	5C		10LM1ZX	
4	RM288P	1	RC	DTL					6.0	30m†	5C		10LM1ZX	
5	RM288Q	1	RC	DTL	100n				6.0	75m	5C		10LM1ZX	
6	RM288T	1	RC	DTL	100n				6.0	75m	5C		10LM1ZX	
7	RM988D	1	RC	DTL					5.0		5C		98LM8DX	
8	RM988J	1	RC	DTL					5.0		5C		98LM8DX	
9	RM988T	1	RC	DTL					5.0		5C		10LM2QX	
10	SE160G	1	RC	DTL					8.2		5C		1NE60GX	
11	SE160K	1	RC	DTL					8.2		5C		1NE60GX	
12	SE161J	1	RC	DTL			75n		8.2		5C		81LM62AX	
13	SE161K	1	RC	DTL					8.2		5C		1NE61AX	
14	SE1606K	1	RC	DTL					4.0	25m	5C		16LM06KX	
15	SE8162A	1	RC	DTL	60n				6.0	90m	5C		1NE62AX	
16	SE8162J	1	RC	DTL	60n				6.0	90m	5C		1NE62AX	
17	SN5380	1	RC	DTL	100n	60n	60n		7.0	52m	5C		53LM80SX	
18	SN7380	1	RC	DTL	100n	60n	60n		7.0	40m	07		53LM80SX	
19	SW728-1D	1	RC	DTL	25n				8.0	25m	5C		7M28DX	
20	SW728-1F	1	RC	DTL	25n				8.0	25m	5C		7M28DX	
21	SW728-1P	1	RC	DTL	25n				5.0	35m†	5C		7M28DX	
22	SW728-1S	1	RC	DTL	25n				8.0	25m	5C		7M28DX	
23	SW728-1T	1	RC	DTL	25n				8.0	25m	5C		7M28DX	
24	SW728-2D	1	RC	DTL	25n				8.0	25m	07		7M28DX	
25	SW728-2F	1	RC	DTL	25n				8.0	25m	07		7M28DX	
26	SW728-2M	1	RC	DTL	25n				5.0	35m†	07		7M28DX	
27	SW728-2P	1	RC	DTL	25n				5.0	35m†	07		7M28DX	
28	SW728-2S	1	RC	DTL	25n				8.0	25m	07		7M28DX	
29	SW728-2T	1	RC	DTL	25n				8.0	25m	07		7M28DX	
30	SW951-1D	1	RC	DTL	25n				8.0	30m	5C		9SW51ZX	
31	SW951-1F	1	RC	DTL	25n				8.0	30m	5C		9LM51SX	
32	SW951-1P	1	RC	DTL	25n				5.0	30m†	5C		9LM51SX	
33	SW951-1S	1	RC	DTL	25n				8.0	30m	5C		9LM51SX	
34	SW951-1T	1	RC	DTL	25n				8.0	30m	5C		9LM51SX	
35	SW951-2D	1	RC	DTL	25n				8.0	30m	07		9SW51ZX	
36	SW951-2F	1	RC	DTL	25n				8.0	30m	07		9LM51SX	
37	SW951-2M	1	RC	DTL	25n				5.0	30m†	07		9LM51SX	
38	SW951-2P	1	RC	DTL	25n				5.0	30m†	07		9LM51SX	
39	SW951-2S	1	RC	DTL	25n				8.0	30m	07		9LM51SX	
40	SW951-2T	1	RC	DTL	25n				8.0	30m	07		9LM51TX	
41♦	U815	1	RC	DTL					12	457m	5C		5LM05UX	M60
42	WS840Q	1	RC	DTL					6.0	37m	5C		84LM0QX	
43	DF215CJ	1	RC	PCH		75u	75u		10	625m	07		21LM5CX	
44	LM8369	1	RC	PCH	60				0	0.2	3		83LM69LX	
45	B895001	1	RC	RCT	200n	1.0u	1.8u		6.0		28		89M500LX	
46♦	NC16	1	RC	RCT		30n	20n		12	200m	5C		1LM6NX	CN⊠
47♦	PC16	1	RC	RCT		30n	20n		12	200m	5C		1LM6NX	FP⊠
48♦	PC18	1	RC	RCT		30n	20n		12	200m	5C		1LM8PX	FP⊠
49	SN518A	1	RC	RCT	60n	70n	930n		6.0	15m	5C		5LM18SX	
50	SN518B	1	RC	RCT	650n	330n	1.2		8.0	15m	5C		5LM18SX	
51	SNR518	1	RC	RCT	650n	330n	1.2		8.0	15m	5C		5LM18SX	
52♦	TMC400-02	1	RC	RCT	10n	20n	20n		6.0	50m	5C		40LM02AX	MP52
53	US0108A	1	RC	RCT	800p	330n	1.2u		8.0	15m	5C		01LM08UX	
54	USR0108A	1	RC	RCT	800p	330n	1.2u		8.0	15m	5C		01LM08UX	
55	USR0108B	1	RC	RCT	800p	330n	1.2u		8.0	15m	5C		01LM08UX	
56	B895004	1	RC	RDL					6.0		28		89M500FX	
57♦	DM3510B	1	RC	RTL	10u	100n	50n		12	40m	5C		35LM10BX	M57
58♦	DM3520B	1	RC	RTL	10u	100n	50n		12	40m	5C		35LM10BX	M57a
59♦	DM3710B	1	RC	RTL	10u	200n	80n		15	9.0m	5C		35LM10BX	M57a
60♦	DM3720B	1	RC	RTL	10u	200n	80n		15	9.0m	5C		35LM10BX	M57a
61♦	DM4410B	1	RC	RTL	100n	40n	40n		9.0	80m	5C		35LM10BX	M57
62♦	DM4420B	1	RC	RTL	100n	40n	40n		9.0	80m	5C		35LM10BX	M57
63♦	WS841Q	1	RC	RTL									84LM0QX	FP⊠
64♦	9600DC	1	RC	TTL	80n				5.0	120m	07		96LM00FX	DL14r
65♦	9600DM	1	RC	TTL	80n				5.0	130m	5C		96LM00FX	DL14r
66♦	AM2600DC	1	RC	TTL	75n				5.0	120m	07		96LM00FX	DL14
67♦	AM2600DM	1	RC	TTL	75n				5.0	130m	5C		96LM00FX	DL14r
68♦	AM2600FM	1	RC	TTL	75n				5.0	130m	5C		96LM00FX	FP106
69♦	AM2600PC	1	RC	TTL	75n				5.0	120m	07		96LM00FX	DL14ft
70	HEPC3803P-RT	1	RC	TTL	25n				5.0	80m†	07		38LM03PX	
71	MC8601F	1	RC	TTL	25n				5.0	80m†	07		38LM03PX	
72	MC8601L,P%	1	RC	TTL	25n				5.0	80m†	07		38LM03PX	
73	MC9601F	1	RC	TTL	25n				5.0	80m†	5C		38LM03PX	
74	MC9601L	1	RC	TTL	25n				5.0	80m†	5C		38LM03PX	
75♦	N8T20B	1	RC	TTL	50n				5.0	395m	07		8LM20BX	DL16hw
76♦	NE555	1	RC	TTL		100n			15	150m	07			TO99
77	O11001	1	RC	TTL	100n				3.0	26m	5C		11LM00AX	
78	O11004	1	RC	TTL	100n				3.0	26m	07		11LM00AX	
79	O11008	1	RC	TTL	100n				3.0	26m	5C		11LM00AX	
80♦	RM555DE	1	RC	TTL	10u	100n	100n		5.0	600m	5C		C0122	DL8ad
81♦	RM555T	1	RC	TTL	10u	100n	100n		5.0	600m	5C		C0122	TO99
82♦	RV555DE	1	RC	TTL	10u	100n	100n		5.0	600m	48		C0122	DL14v
83♦	S8T20B	1	RC	TTL	50n				5.0	395m	5C		8LM20BX	DL16hw
84♦	SE555	1	RC	TTL		100n			15	150m	5C			TO99
85♦	SG555CJ	1	RC	TTL		100n	100n		15	1.0	07		38LM51QX	DL14at
86♦	SG555CM	1	RC	TTL		100n	100n		15	400m	07		5LM55MX	DL10⊠
87♦	SG555CN	1	RC	TTL		100n	100n		15	600m	07		38LM51QX	DL14u
88♦	SG555CT	1	RC	TTL		100n	100n		15	680m	07		5LM55QX	TO99
89♦	SG555J	1	RC	TTL		100n	100n		15	1.0	5C		38LM51QX	DL14at
90♦	SG555M	1	RC	TTL		100n	100n		15	400m	5C		5LM55MX	DL10⊠
91♦	SG555N	1	RC	TTL		100n	100n		15	600m	5C		38LM51QX	DL14u
92♦	SG555T	1	RC	TTL		100n	100n		15	680m	5C		5LM55QX	TO99
93♦	T9600F	1	RC	TTL	120n	3.0u			5.0	125m	07		96LM00FX	TO86
94♦	T9600FM	1	RC	TTL	100n	3.0u			5.0	125m	5C		96LM00FX	TO86
95♦	T9600J	1	RC	TTL	120n	3.0u			5.0	125m	07		96LM00FX	M157c
96♦	T9600JM	1	RC	TTL	100n	3.0u			5.0	125m	5C		96LM00FX	M157c
97♦	XR555CT#2	1	RC	TTL		100n	100n		15	300m	07		5LM55CX	CN⊠
98♦	XR555MT#2	1	RC	TTL		100n	100n		15	300m	5C		5LM55CX	CN⊠
99♦	XR2250CN#1	1	RC	TTL					15	750m	07		C0124	DL14w
100♦	XR2250CP#1	1	RC	TTL					15	625m	07		C0124	DL14w
101♦	XR2250M#1	1	RC	TTL					15	750m	5C		C0124	DL14w
102♦	XR2250N#1	1	RC	TTL					15	750m	07		C0124	DL14w
103♦	XR2250P#1	1	RC	TTL					15	625m	07		C0124	DL14w
104♦	556J	2	RC			100n	100n		15	530m	07		5LM56NX	M157f
105♦	556L	2	RC			100n	100n		15	530m	07		5LM56NX	M157g
106♦	D555CJ	2	RC						18.0	530m		Dual timer		TO116
107	MC14528AL	2	RC		230n	75n	75n		10	40u	5C		45LM28BX	
108♦	MC14528CP	2	RC		230n	110n	110n		10	400u	48		45LM28BX	DL16
109	SCL4528AH	2	RC		175n	75n	75n		10	20u	5C		45LM28BX	
110	SG556CJ	2	RC			100n	100n		15	1.0	07		12M00EX	

12. TIMERS (Cont.)

IN ORDER OF (1) CKTS PER PKG (2) MODE (3) TECH (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] CKTS PER PKG	[2] MODE	[3] TECH	TP MAX (s)	OUTPUT TR TYP (s)	OUTPUT TF TYP (s)	DRIFT WITH TEMP (PPM/°C)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	SG556CN	2	RC			100n	100n		15	6	07		12M00EX	
2	SG556J	2	RC			100n	100n		15	1.0	5C		12M00EX	
3	SG556N	2	RC			100n	100n		15	600m	5C		12M00EX	
4	HEF4528BDF	2	RC	CMS	80n				15	400m	48		45LM28BX	DL16hr
5♦	SCL4528BH	2	RC	CMS	300n				10	100u	5C		45LM28BX	FP⊠
6	540△	2	RC	DTL	75n				5.0		07		5LM40AX	
7	DM337	2	RC	DTL	150n	100p	1.0u		6.0	600m	07		33LM7DX	
8	ITT342-1D	2	RC	DTL	150n				12		5C		34LM21DX	
9	ITT342-5D	2	RC	DTL	140n				12		3		34LM21DX	
10♦	SD342BG	2	RC	DTL	100n				12		5C		3P42BX	CN69
11♦	SD342BJ	2	RC	DTL	100n				12		5C		3P42BX	DL16
12♦	SD342CG	2	RC	DTL	100n				12		3		3P42BX	DL16
13♦	SD342CJ	2	RC	DTL	100n				12		3		3P42BX	CN50
14	TO200	2	RC	DTL	7.0u		80n		12	1.2	5C		02LM00AX	
15	OS2	2	RC	RCT	150n	100n	100n		6.0	200m	28		1SX01LX	
16	OS21	2	RC	RCT	1.5u	1.0u	4.0u		6.0	160m	28		1SX01LX	
17	SOS1	2	RC	RCT	200n	150n	250n		12	200m	48		1SX01LX	
18	SOS21	2	RC	RCT	1.0u	500n	1.0u		12	160m	48		1SX01LX	
19♦	RM556DC	2	RC	TTL	10u	100n	100n		5.0	600m	5C		C0122a	DL14v
20♦	RV556DB	2	RC	TTL	10u	100n	100n		5.0	600m	48		C0122a	DL14h
21	416A	4	RC	DTL	500n				12	902m	07		4M16AX	
22	IOS0223	4	RC	DTL	20n				5.0	200m	07		02LM23IX	
23	IOS0224	4	RC	DTL	50n				5.0	200m	07		02LM24IX	
24	OS942A	4	RC	RCT	70n	26n	30n		12	2.5	-		6OS42SX	

IN ORDER OF (1) IC RATED (2) VCEO RATED (3) POL AND MAT (4) NO OF DEV (5) TYPE NUMBER

LINE No.	[5] TYPE NUMBER	[1] IC RATED MAX (A)	[2] VCEO RATED MAX (V)	[3] POL AND MAT'L	[4] NO OF DEV	HFE MINIMUM	@ IC (A)	@ VCE (V)	DYNAMIC CHARACTER FT MIN (HZ)	TON MAX (S)	PD MAX (W)	TEMP - CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT/LEAD CODE	OUTLINE
CMOS FIELD EFFECT TRANSISTOR															
4♦	J401			NMOS	2						500m		FET;VGS(1-2) 5mV max	QQ	DL8b
5♦	J402			NMOS	2						500m		FET;VGS(1-2) 10mV max	QQ	DL8b
COMMON COLLECTOR															
9	TD62505P			N,Si	7	70	2m	10			1.0	3		62M505LX	DL16io
10	TD62506P			N,Si	7	70	2m	10			1.0	3		TOO38a	DL16io
11	SL3082#1			NSi	7	40	50m	.80			500m	5		T0010	DL16ab
12	SL3082#2			NSi	7	40	50m	.80			500m	5		T0010	DL16bk
13	TD62703P			PNSi	6	100	15m	5.0			1.0	3		62M703LX	DL14gv
14	TD62705P			PNSi	6		50m	60			1.0	3		62M705LX	DL16ir
15	TD62706P			PNSi	6		50m	60			1.0	3		62M705LX	DL16ir
COMMON EMITTER															
19	TD62501P			N,Si	7	70	2m	10			1.0	3		62M503LX	DL16io
20	TD62502P			N,Si	7	50	2m	10			1.0	3		62M502LX	DL16io
21	TD62503P			N,Si	7	50	2m	10			1.0	3		62M502LX	DL16io
22	TD62504P			N,Si	7	50	2m	10			1.0	3		62M502LX	DL16io
23	SL312B			NSi	1	25	5.0m	5.0	300M		600m	5		T005	
24	TD62064P			NSi	4	800	1.0	2.0		.10u†	2.7	3		62M064LX	DL16ir
25	TD62107P			NSi	4		750m	45		5.0u†	2.7	3		62M107LX	DL16ir
26	FT5746M			NSi	5	15	150m	5.0	80M	200n	400m			57LM42MX	TO116
27	FT5749M			NSi	5	150	10m	1.0	300M		300m			57LM42MX	TO116
28	SL3081#1			NSi	7	40	50m	.80			500m	5		30LM81JX	DL16ab
29	SL3081#2			NSi	7	40	50m	.80			500m	5		30LM81JX	DL16bk
30	FT5747M			PSi	5	15	150m	5.0	80M	200n	400m			57LM43MX	TO116
DARLINGTON															
34	ULN2031R			N,Si	7	500 X	20m	2.0			750m	0		T0021	DL16iq
35	ULN2032R			N,Si	7	500 X	20m	2.0			750m	0		20LM32AX	DL16iq
36	ULN2033R			N,Si	7	50 X	20m	2.0			750m	0		20LM32AX	DL16iq
37	SG3018AT			NSi	2	1.5k	1.0m	5	500M†			0		T0053	TO101
38	SG3018T			NSi	2	1.5k	1.0m	5	500M†			0		T0053	TO101
DIFFERENTIAL															
42♦	SL3146ADG			NSi	1	100	1.0m	5.0	250M		750m	5		30LM46CX	DL14gm
43♦	SL3146ADP			NSi	1	100	1.0m	5.0	250M		750m	5		30LM46CX	DL14hd
44♦	SL3146CDG			NSi	1	100	1.0m	5.0	250M		750m	5		30LM46CX	DL14gm
INDEPENDENT															
48	SL3086CDG			N	1	40	1.0m	3.0	500M†			5		30LM86NX	DL16ci
49	SL3086CDP			N	1	40	1.0m	3.0	500M†			5		30LM86NX	DL16it
50	SL301KCM			N	2	40	100u	5.0	400M			5		T0080a	TO5
51	SL301LDG			N	2	40	100u	5.0	400M			5		T0080b	DL14gm
52	SL1301DP			N	2	10	100u	5.0	680M†			5		T0080c	DL8ae
53	DN807			N	4	30	30m	1.0	100k†	40n	600m	0		T0025	DL14ar
54	HT1A6500			N	4	20	500m	1.0		35n	800m			57LM01AX	TO116
55	HT1A6501			N	4	30	500m	1.0		35n	800m			57LM01AX	TO116
56	HT1A6502			N	4	10	500m	1.0		50n	800m			57LM01AX	TO116
57	SL3127CDG			N	5	35	5.0m	6.0	1.6G†		200m	5		31LM27EX	DL16ci
58	SL3145CDP			N	5	40	1.0m	6.0	1.6G†		200m	5		T00060	DL14hd
59	TD62507P			N,Si	5	70	2m	10			1.0	3		62M507LX	DL16io
60	TD62001P			N,Si	7	1.0k	350m	2.0			1.0	3		14LM11LX	DL16io
61	TD62002P			N,Si	7	1.0k	350m	2.0			1.0	3		14LM11LX	DL16io
62	TD62003P			N,Si	7	1.0k	350m	2.0			1.0	3		14LM11LX	DL16io
63	TD62004P			N,Si	7	1.0k	350m	2.0			1.0	3		14LM11LX	DL16io
64	TD62101P			N,Si	7	1.0k	350m	2.0			1.0	3		62M101HX	DL16io
65	TD62103P			N,Si	7	1.0k	350m	2.0			1.0	3		62M103HX	DL16io
66	TD62104P			N,Si	7	1.0k	350m	2.0			1.0	3		62M104HX	DL16io
67	TD62105P			N,Si	7	1.0k	350m	2.0			1.0	3		62M105HX	DL16io
68	TD62301P			N,Si	7	1.0k	120m	2.0			1.0	3		62M301LX	DL16io
69	TD62302P			N,Si	7	1.0k	120m	2.0			1.0	3		62M301LX	DL16io
70	SP8411A			NSi		60	10u	5.0			300m		unmatched composite		TO33
71	SP8412			NSi		150	10u	5.0			300m		unmatched composite		TO33
72	SP8412A			NSi		150	10u	5.0			300m		unmatched composite		TO33
73	SP8413			NSi		60	10u	5.0			300m		unmatched composite		TO33
74	SP8413A			NSi		60	10u	5.0			300m		unmatched composite		TO33
75	SP8414			NSi		150	10u	5.0			300m		unmatched composite		TO33
76	SP8414A			NSi		150	10u	5.0			300m		unmatched composite		TO33
77	SP8588			NSi		60	10u	5.0			300m		unmatched composite		TO33
78	SP8588A			NSi		150	10u	5.0			300m		unmatched composite		TO33
79	SP10800			NSi		150	1.0m						unmatched composite		TO89
80	TA-D93			NSi							360m		unmatched composite		TO5
81	TAB101			NSi									unmatched composite		L64
82	TAD93			NSi									unmatched composite		TO5
83	LM3086N			NSi	1	40	1.0m	3.0			750m	4		T00-49	DL14gy
84	SL303AE			NSi	1	40	1.0m	5.0	300M		600m	5		T003	DL14gu
85	SL303AT			NSi	1	40	1.0m	5.0	300M		600m	5		T003	CN58a
86	SL303BE			NSi	1	25	1.0m	5.0	300M		600m	5		T003	DL14gu
87	SL303BT			NSi	1	25	1.0m	5.0	300M		600m	5		T003	CN58a
88	SL3045			NSi	1	40	1.0m	3.0	600M			5		30LM86NX	DL14gu
89	SL3145			NSi	1	30	1.0m	2.0	2.5G		350m	5		30LM86NX	DL14gu
90	SL3146CDP			NSi	1	100	1.0m	5.0	250M		750m	5		30LM46CX	DL14hd
91	SL305B			NSi	2	500	1.0m	5.0	300M		600m	5		30LM05BX	
92	SL354BE			NSi	2	25	1.0m	5.0	300M		600m	5		T006	DL14gu
93	SL354BF			NSi	2	25	1.0m	5.0	300M		600m	5		T006	FP125
94	SL360CM			NSi	2	30	1.0m	2.0	1.5G			5		13LM60CX	TO5
95	SL360DP			NSi	2	30	1.0m	2.0	1.5G			5		13LM60CX	DL8ae
96	SL362CM			NSi	2	30	1.0m	2.0	1.4G			5		13LM60CX	TO5
97	SL362DP			NSi	2	30	1.0m	2.0	1.4G			5		13LM60CX	DL8ae
98	SL1360CM			NSi	2	30	1.0m	2.0	2.2G†			5		13LM60CX	TO5
99	SL1360DP			NSi	2	30	1.0m	2.0	2.2G†			5		13LM60CX	DL8ae
100	SL1362CM			NSi	2	30	1.0m	2.0	1.4G			5		13LM60CX	TO5
101	SL1362DP			NSi	2	30	1.0m	2.0	1.4G			5		13LM60CX	DL8ae
102♦	DH3724CD			NSi	4	30	1.0	5.0	300M	35n		0			DL14gq
103♦	DH3725CD			NSi	4	25	1.0	5.0	250M	18n		0		57LM01AX	DL14gq
104	IT401AJE			NSi	4		70m	30		50n				T0033	M200am
105	IT401JE			NSi	4		70m	30		50n				T0033	M200am
106	MPQ1000N			NSi	4	40	150m	10	175M		2.4	5		57LM01AX	TO116
107	MPQ1050			NSi	4	30	500m	2	200M	35n	1.7	5		57LM01AX	TO116
108	MPQ4003			NSi	4	25	500m	2.0	200M	40n	2.5	5		57LM01AX	TO116
109	MPQ4004			NSi	4	25	500m	2.0	200M	40n	2.5	5		57LM01AX	TO116
110	SPQ918			NSi	4	20	3.0m	1.0	600M		900m	5		34LM67QX	TO116

13. TRANSISTOR ARRAYS – Independent (cont'd)

LINE No.	5 TYPE NUMBER	1 IC RATED MAX (A)	2 VCEO RATED MAX (V)	3 POL AND MAT'L	4 NO OF DEV	HFE MINIMUM	@ IC (A)	@ VCE (V)	DYNAMIC CHARACTER FT MIN (HZ)	DYNAMIC CHARACTER TON MAX (S)	PD MAX (W)	TEMP -	CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT/ LEAD CODE	DRAWINGS OUTLINE
1	SPQ2483			NSi	4	150	10m	5.0	50M		900m	5			34LM67QX	TO116
2	SPQ2484			NSi	4	300	10m	5.0	50M		900m	5			34LM67QX	TO116
3	SPQ6501			NSi	4	20	300m	10	200M	30n	1.2	5			34LM70QX	TO116
4	SPQ6502			NSi	4	30	300m	10	200M	30n	1.2	5			34LM67QX	TO116
5	TD62074P			NSi	4	800	1.0	2.0		.10u†	2.7	3			62M074LX	DL16ir
6	TPQ2369			NSi	4	40	10m	10	500M		1.7	0			57LM01AX	TO116
7	SL3083#1			NSi	5	40	50m	3.0			500m	5			30LM83LX	DL16ab
8	SL3083#2			NSi	5	40	50m	3.0			500m	5			30LM83LX	DL16bk
9	SL3183ADG			NSi	5	100	1.0m	5.0	500M†		750m	5			30LM83LX	DL18e
10	SL3183ADP			NSi	5	100	1.0m	5.0	500M†		750m	5			30LM83LX	DL16it
11	SL3183CDG			NSi	5	100	1.0m	5.0	500M†		750m	5			30LM83LX	DL18e
12	SL3183CDP			NSi	5	100	1.0m	5.0	500m†		750m	5			30LM83LX	DL16it
13	MC1411L			NSi	7	1.0k	350m	2.0		1.0u		0			14LM11LX	DL16am
14	MC1411PW			NSi	7	1.0k	350m	2.0		1.0u		0			14LM11LX	M278a
15	MC1412L			NSi	7	1.0k	350m	2.0		1.0u		0			14LM11LX	DL16am
16	MC1412PW			NSi	7	1.0k	350m	2.0		1.0u		0			14LM11LX	M278a
17	MC1413L			NSi	7	1.0k	350m	2.0		1.0u		0			14LM11LX	DL16am
18	MC1413PW			NSi	7	1.0k	350m	2.0		1.0u		0			14LM11LX	M278a
19	MC1416L			NSi	7	1.0k	350m	2.0		1.0u		0			14LM11LX	DL16am
20	MC1416PW			NSi	7	1.0k	350m	2.0		1.0u		0			14LM11LX	M278a
21	SL3081CDG			NSi	7	30	30m	500m			750m	5			30M81CX	DL16ci
22	SL3081CDP			NSi	7	30	30m	500m			750m	5			30M81CX	DL16it
23	SL3082CDG			NSi	7	30	30m	500m			750m	5			T0010	DL16ci
24	SL3082CDP			NSi	7	30	30m	500m			750m	5			T0010	DL16it
25	4JD12X010			NSi	2						600m			2-2N1613pair;		L29a
26	4JD12X132			NSi	2						500m			Darlington Pair		TO72
27	A25Q			NSi	2	500	1.0m	5.0			600m			unmatched pair		
28	A431			NSi	2	20	100m		1.0					unmatched pair		L29a
29	ASA31			NSi	2									unmatched dual		TO18
30	ASA51			NSi	2									unmatched dual		TO5
31	ASA1003			NSi	2	5.0k	10m				500m			unmatched dual;VCBO60V		TO18
32	ASA1004			NSi	2	20k	10m				500m			unmatched dual;VCBO60V		TO18
33	C2306			NSi	2									IDSS1/2 0.90 min	PJ	TO71
34	CS2641			NSi	2						300m			unmatched pair		R136
35	CS2644			NSi	2	130					300m			unmatched pair		R136
36	CS29010			NSi	2	200	100u				300m			unmatched pair		R136
37	CS29013			NSi	2	300	100u				300m			unmatched pair		R136
38	D2T918			NSi	2	20	3.0m				300m			unmatched pair		TO77
39	MHM2001			NSi	2						2.0			VCBO 120V;BVEBO 15V	GG	R89c
40	MTD2972			NSi	2	60	10u	5.0			140m			BVCBO 45V; dual trns		X160
41	MTD2973			NSi	2	150	10u	5.0			140m			BVCBO 45V; dual trns		X160
42	RM3001			NSi	2	900	1.0m				1.0			unmatched composite		TO18
43	RM3002			NSi	2						1.8			unmatched composite	A	TO18
44	RM3010			NSi	2	2.0k	30m				1.0			unmatched composite		TO18
45	SL302A			NSi	2	30	5.0m	5.0			600m			VCBO 20V		L45
46	SL303A			NSi	2	30	5.0m	5.0			600m			VCBO 35V		L43
47	SL303B			NSi	2	25	5.0m	5.0			600m			VCBO 30V		L43
48	SP706F			NSi	2						350m			dual unmatched		TO89
49	SP2218AF			NSi	2					30n	350m			dual switching;amp app		TO89
50	SP2221AF			NSi	2					30n	500m			dual switching;amp app		TO89
51	SP2221F			NSi	2					40n	350m			dual switching;amp app		TO89
52	SP8411			NSi	2	60	10u	5.0			300m			unmatched composite		TO33
53	4JD12X011			NSi	3									3-2N1613in darlington		L27
54	4JD12X014			NSi	3									3-2N1613 darlington		L26
55	4JD12X009			NSi	4						300m			3-2N1613 w/1N914 diode		L42
56	4JD12X012			NSi	4									2-2N1613darlngtn pairs		L28
57	SP2221AQF			NSi	4					30n	350m			dual switching;amp app		TO86
58	SP2221QF			NSi	4					40n	500m			dual switching;amp app		TO86
59	SP708F			NSI										Pt-350mW(both sides);t		TO89
60	SST610			NSI										Darl Ampl;Pc-.50Wmax;B		L3a
61	DD15K			PMOS	2						1.8			FET w/ OV clamp diode	DM	TO12
62	DM01B			PMOS	2						450m			YFS(1-2) 32uMHO;C 20fF		L18b
63	DM02B			PMOS	2						450m			YFS(1-2) 32uMHO;C 20fF		L18b
64	DM03B			PMOS	2						450m			YFS(1-2) 32uMHO;C 20fF		L18b
65	DM05A			PMOS	2						450m			YFS(1-2) 100uMHO;C20fF		L53
66	DM06A			PMOS	2						450m			YFS(1-2) 100uMHO;C20fF		L54
67	M106			PMOS	2						500m			FET;RDS 120 Ω;VDSS 30V	QX	TO99
68	M107			PMOS	2						500m			FET;RDS 120 Ω;VDSS 30V	PW	TO99
69	M108			PMOS	2						500m			FET;RDS 120 Ω;VDSS 30V	PW	TO99
70	ML101A			PMOS	2									FETS;sngl device;amp		L25
71	ML101B			PMOS	2									FETS;sngl device;amp		L25
72	ML102A			PMOS	2									FETS;ID 50mA max		L54
73	ML102B			PMOS	2									FETS;ID 50mA max		L54
74	ML153A			PMOS	2									2-com source pairs		L71
75	ML153B			PMOS	2									2-com source pairs		L71
76	MS166			PMOS	2									BVGS 40; IGSS 10pA	PK	W38
77	SC1600			PMOS	2									unmatched FET;GFS400u		L18b
78	SC1601			PMOS	2									unmatched FET;GFS400u		L18b
79	SC1625			PMOS	2									unmatched FET;GFS400u		L18b
80	ML154A			PMOS	6									6-com source pairs		L72
81	ML154B			PMOS	6									6-com source pairs		L72
82	ML157A			PMOS	6									6-com source pairs		L73
83	ML157B			PMOS	6									6-com source pairs		L73
84	EM500			PNGS	2									unmatched composite		
85	EM600			PNGS	2									unmatched composite		
86	FT5715M			PNSi	4	30	10m	1.0	100M	30nX	300m	5			60LM01TX	TO116
87	SP10811			PSi										unmatched composite		TO89
88♦	DH3467CD			PSi	4	40	1.0	5.0	175M	18n		0			34LM67QX	DL14gq
89♦	DH3468CD			PSi	4	20	1.0	5.0	150M	30n		0				DL14gq
90	MPQ1500N			PSi	4	40	150m	10	150M		2.4	5			34LM67QX	TO116
91	SPQ6001			PSi	4	20	300m	10	200M	30n	1.2	5			34LM70QX	TO116
92	SPQ6002			PSi	4	30	300m	10	200M	30n	1.2	5			34LM70QX	TO116
93	2N3231			PSi	2						40m			VGS1/2 0.95; PFET		W40
94	2V205			PSi	2	55	10m		100M	50n	450m			unmatched composite	PR	TO77
95	ARA46P			PSi	2						40			unmatched dual		
96	BSX85			PSi	2					30n	600m			PFET;RDS on 300Ω		TO76
97	BSX86			PSi	2					30n	600m			PFET;RDS on 125Ω		TO76
98	FI0049			PSi	2						1.7			FET;BVDSS30V;VGSS 25V		TO76
99	FT701			PSi	2						600m			FET;ID 200mA;IG 10mA		L51a
100	MD3133			PSi	2	25	1.0m	10		75n	600m			Unmatched;switching		L17c
101	MD3133F			PSi	2	25	1.0m	10		75n	350m			Unmatched;switching		TO89
102	MD3134			PSi	2	50	1.0m	10		75n	600m			Unmatched;switching		L17c
103	MD3134F			PSi	2	50	1.0m	10		75n	350m			Unmatched;switching		TO89
104	SP2904AF			PSi	2					40n	350m			unmatched composite		TO89
105	SP2904F			PSi	2					40n	350m			unmatched composite		TO89
106	SP2946F			PSi	2						350m			unmatched composite		TO89
107	SP3116F			PSi	2					75n	350m			unmatched composite		TO89
108	SP3133F			PSi	2	25	1.0m	10		75n	350m			unmatched composite		TO89
109	SP3134F			PSi	2	50	1.0m	10		75n	350m			unmatched composite		TO89
110	SP3135F			PSi	2	25	1.0m	10		75n	350m			unmatched composite		TO89

LINE No.	[5] TYPE NUMBER	[1] IC RATED MAX (A)	[2] VCEO RATED MAX (V)	[3] POL AND MAT'L	[4] NO OF DEV	HFE MINIMUM	HFE @ IC (A)	HFE @ VCE (V)	DYNAMIC CHARACTER FT MIN (HZ)	DYNAMIC CHARACTER TON MAX (S)	PD MAX (W)	TEMP - CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT/ LEAD CODE	DRAWINGS OUTLINE
1	SP3136F			PSi	2	50	1.0m	10		75n	350m		unmatched composite		TO89
2	SP2604QF			PSi	4	40	10u	5.0			500m		unmatched composite		TO86
3	SP2904AQF			PSi	4					40n	500m		unmatched composite		TO86
4	SP2904QF			PSi	4					40n	500m		unmatched composite		TO86
5	SP3762QD			PSi	4					35n	800m		unmatched composite	AØ	TO5
6	SP3762QF			PSi	4					35n	500m		unmatched composite	AØ	TO5
7	FSP598			Si	2	20							unmatched;BVCBO 25V		TO18
8	2C111		12	NSi	2	80	10m		200M	40n	380m		Planar tech;unmatched	CO	TO77
9	L14B		12.0	NSi	2						150m		Phto Darlington;See OE	B	TO98
10	12X006		15.0	NSi	2	120					100m		ECL pair;unmatched		L31
11	12X008		15.0	NSi	2	120					100m		Functional pair;gate		L30
12	D16P3		20.0	NSi	2	2.0k							darlington config; amp		L3e
13	D16P4		20.0	NSi	2	7.0k							darlington config; amp		L3e
14	2V435		25.0	PSi	2				100M	50n	550m		unmatched composite	PR	TO77
15	S708		30.0	NSi	2						4.0		dual chip;VCBO55V		
16	S715		30.0	NSi	2						2.5		dual chip;VCBO55V		TO39
17	SA102		30.0	NSi	2	5.0k		1.0			500m		unmatched dual		TO18
18	SA107		30.0	NSi	2	20k		1.0			500m		unmatched dual		TO18
19	SP1132F		30	PSi	2	30	3.0m	1.0			350m		dual unmatched		TO89
20	SP329F		30.0	PSi	4	9	3.0m	500m	2.0M		350m		dual unmatched		TO89
21	SP329QF		30.0	PSi	4	20	3.0m	500m	2.0M		500m		dual unmatched		TO86
22	2C415		35	NSi	2	60	10m		100M		430m		Planar tech;unmatched	CO	TO77
23	SP328F		35.0	PSi	4	9	3.0m	500m	2.0M		350m		dual unmatched		TO89
24	SP328QF		35.0	PSi	4	18	3.0m	500m	2.0M		500m		dual unmatched		TO86
25	UD3005		40	NSi		100	150m		200M				Unmatched;BVCBO 60V		L56A
26	MHM1001		40.0	NSi	2	3.0k	100m				1.3		VCBO 60V;BVEBO 15V	A	TO5
27	MHM1101		40.0	NSi	2	3.0k	100m				1.0		VCBO 60V;BVEBO 15V	A	TO18
28	MHM1201		40.0	NSi	2	3.0k	100m				260m		VCBO 60V;BVEBO 15V		TO47
29	MHM2011		40.0	NSi	2						2.0		VCBO 60V;BVEBO 15V	GG	R89a
30	MHM2014		40.0	NSi	2						2.0		VCBO 60V;BVEBO 15V	GG	R89a
31	MHM2211		40.0	NSi	2						12		unmatched composite	GH	T53
32	MHM2214		40.0	NSi	2						12		unmatched composite	GH	T53
33	MHM2217		40.0	NSi	2						12		unmatched composite	GH	T53
34	SP3253QD		40.0	NSi	4					35n	800m		unmatched composite	AØ	TO5
35	UD3006		40	PSi		100	150m		200M				Unmatched;BVCBO 60V		L56B
36	SP2906AF		40.0	PSi	2					40n	350m		unmatched composite		TO89
37	SP2906F		40.0	PSi	2					40n	350m		unmatched composite		TO89
38	SP2906QD		40.0	PSi	2					40n	800m		unmatched composite		TO86
39	SP2906QF		40.0	PSi	2					40n	500m		unmatched composite		TO86
40	SP2906AQF		40.0	PSi	4					40n	500m		unmatched composite		TO86
41	RA1		45.0	NSi	2	10	500u				300m	07	unmatched composite		TO12
42	RA1A		45.0	NSi	2	10	500u				300m	07	unmatched composite		TO12
43	RA1B		45.0	NSi	2	10	500u				300m	07	unmatched composite		TO12
44	RA1C		45.0	NSi	2	10	500u				300m	07	unmatched composite		TO12
45	RA2		45.0	NSi	2	40	500u				300m	5F	unmatched composite		TO12
46	RA2A		45.0	NSi	2	40	500u				300m	5F	unmatched composite		TO12
47	RA2B		45.0	NSi	2	40	500u				300m	5F	unmatched composite		TO12
48	SP929QF		45.0	NSi	4	40	3.0m	1.0			500m		dual unmatched		TO86
49	SP930QF		45.0	NSi	4	100	3.0m	1.0			500m		dual unmatched		TO86
50	UD3008		50	PSi		30	100u		6.0M				Unmatched;BVCBO 50V		
51	2C425		60	NSi	2	85	10m		40M		510m		Planar tech;unmatched		TO77
52	12X040		60.0	NSi	2								Functional Pair;1/2-1		
53	12X058		60.0	NSi	2								Functional Pair;1/2-1		
54	12X059		60.0	NSi	2								Functional Pair;1/2-1		
55	D12X010		60.0	NSi	2	40							unmatched; 2 stg amp		L29
56	D12X011		60.0	NSi	2	40							unmatched; 3 stg amp		L27
57	D12X014		60.0	NSi	2	40							unmatched; 3 stg amp		L26
58	D12X015		60.0	NSi	2								unmatched;funct block		L11
59	FSP22		60.0	NSi	2	1.6k	10m				500m		unmatched;BVCBO 100V		L3
60	MHM2012		60.0	NSi	2						2.0		VCBO 80V;BVEBO 15V	GG	R89a
61	MHM2015		60.0	NSi	2						2.0		VCBO 80V;BVEBO 15V	GG	R89a
62	MHM2201		60.0	NSi	2	1.0k					12		unmatched composite	GH	T53
63	MHM2212		60.0	NSi	2						12		unmatched composite	GH	T53
64	MHM2215		60.0	NSi	2						12		unmatched composite	GH	T53
65	NS7100		60	NSi	2	2.0k							unmatched dual;VCBO 80		L4a
66	RA3		60.0	NSi	2	30	500u				300m	5F	unmatched composite		TO12
67	RA3A		60.0	NSi	2	30	500u				300m	5F	unmatched composite		TO12
68	RA3B		60.0	NSi	2	30	500u				300m	5F	unmatched composite		TO12
69	SP1890F		60	NSi	2	100	3.0m	1.0			350m		dual unmatched		TO89
70	SP2483QF		60.0	NSi	4	40	10u	5.0			500m		unmatched composite		TO86
71	SP1711F		75	NSi	2	100	3.0m	1.0			350m		dual unmatched		TO89
72	MHM2013		80.0	NSi	2						2.0		VCBO 100V;BVEBO 15V	GG	R89a
73	MHM2213		80.0	NSi	2						12		unmatched composite	GH	T53
74	MHM2216		80.0	NSi	2						12		unmatched composite	GH	T53
75	SP1893F		80	NSi	2	40	3.0m	1.0			350m		dual unmatched		TO89
76	SP3020F		80.0	PSi	2	15	1.0	10			350m		unmatched composite		TO89
77	SP3115F		80.0	PSi	2	15	1.0	10		75n	350m		unmatched composite		TO89
78▼	PPL1N	1.0m	40	N							300m				CB1
79▼	PPL1P	1.0m	40	P							300m				CB1
80	BFY21	200m		NSi	2	64			200M		700m		unmatched composite		R131
81	FT4019	200m	45.0	PSi	2	250	10u	5.0					unmatched composite		L17e
82	FT4018	200m	60.0	PSi	2	100	10u	5.0					unmatched composite		L17e
83	FT4017	200m	80.0	PSi	2	100	10u	5.0					unmatched composite		L17e
84	22MPG5	500m	4.0	PGe	2				40M				BVCBO 10V		L5
85	22MPS5	500m	5.0	PSi	2				10M				BVCBO 20V		L5
86	TSQ1423D/B	1.0		NSi	2	30			250M		5.0		Unmatched;BVCBO 75Vmin	♦	X180a
87	TSQ1423D/C	1.0		NSi	2	30			250M		5.0		Unmatched;BVCBO 75Vmin	♦	X180a
88	TSQ1423F/B	1.0		NSi	2	30			250M		5.0		Unmatched;BVCBO 75Vmin	♦	X180
89	TSQ1424D/B	1.0		NSi	4	30			250M		5.0		Unmatched;BVCBO 75Vmin	♦	X180a
90	TSQ1424D/C	1.0		NSi	4	30			250M		5.0		Unmatched;BVCBO 75Vmin	♦	X180a
91	TSQ1424F/B	1.0		NSi	4	30			250M		5.0		Unmatched;BVCBO 75Vmin	♦	X180
92	2OC30	1.4	16.0	PGe	2	32					40		VCBO 32V; dual unmatch	CØ	F9b
93	TSQ1421D/C	1.5		PSi	2	20			150M		5.0		Unmatched;BVCBO 40Vmin	♦	X180a
94	TSQ1421F/B	1.5		PSi	2	20			150M		5.0		Unmatched;BVCBO 40Vmin	♦	X180
95	TSQ1422D/B	1.5		PSi	2	20			150M		5.0		Unmatched;BVCBO 40Vmin	♦	X180a
96	TSQ1422D/C	1.5		PSi	2	20			150M		5.0		Unmatched;BVCBO 40Vmin	♦	X180a
97	TSQ1422F/B	1.5		PSi	2	20			150M		5.0		Unmatched;BVCBO 40Vmin	♦	X180
98	TSQ1421D/B	1.5		PSi	4	20			150M		5.0		Unmatched;BVCBO 40Vmin	♦	X180a
99	2N676	3.0		NGe		15k	1.0				10		unmatched;VCBO 30V		
100	MHM2017	3.0	40.0	NSi	2								unmatched composite	GG	R89a
101	MHM2101	3.0	40.0	NSi	2	1.0k					12		unmatched composite		MT42a
102	MHM2111	3.0	40.0	NSi	2						12		unmatched composite		T42
103	MHM2114	3.0	40.0	NSi	2						12		unmatched composite		T42
104	MHM2117	3.0	40.0	NSi	2						12		unmatched composite		T42
105	MHM2112	3.0	60.0	NSi	2						12		unmatched composite		T42
106	MHM2115	3.0	60.0	NSi	2						12		unmatched composite		T42
107	MHM2016	3.0	80.0	NSi	2						2.0		unmatched composite	GG	R89a
108	MHM2113	3.0	80.0	NSi	2						12		unmatched composite		T42
109	MHM2116	3.0	80.0	NSi	2						12		unmatched composite		T42
110	2OC26	3.50	20.0	PGe	2	20			200k		12		VCBO 40V;dual unmatch		F2

LINE No.	5 TYPE NUMBER	1 IC RATED MAX (A)	2 VCEO RATED MAX (V)	3 POL AND MAT'L	4 NO OF DEV	HFE MINIMUM	@ IC (A)	@ VCE (V)	DYNAMIC CHARACTER FT MIN (HZ)	TON MAX (S)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT/ LEAD CODE	OUTLINE
1	2N3230	7.0	100	NSi	2	1.0k	5.0				25		unmatched composite		W40
2	40675	10.0	35.0	NSi	2						100		VEBO 3.5V;ICES 30mA		L68
3	TI155	10	80	NSi	2	1.2k					3.0		Unmatched;BVCBO 120V		L3d

MATCHED PAIR

LINE No.	TYPE NUMBER	IC RATED MAX (A)	VCEO RATED MAX (V)	POL AND MAT'L	NO OF DEV	HFE MINIMUM	@ IC (A)	@ VCE (V)	FT MIN (HZ)	TON MAX (S)	PD MAX (W)	TEMP CODE	ADDITIONAL DESCRIPTION	CIRCUIT/ LEAD CODE	OUTLINE
7	2T3041				2								2T3031 match;		
8	2T3042				2								2T3032 match;		
9	2T3043				2								2T3033 match;		
10	J403			NMOS	2						500m		FET;VGS(1-2) 10mV max	QQ	DL8b
11	J404			NMOS	2						500m		FET;VGS(1-2) 15mV max	QQ	DL8b
12	J405			NMOS	2						500m		FET;VGS(1-2) 20mV max	QQ	DL8b
13	J406			NMOS	2						500m		FET;VGS(1-2) 40mV max	QQ	DL8b
14	BD266B/267B			NPSi	2						60		comp-pair;darlington		Y220b
15	BD585-BD586			NPSi	2		500m	2.0					hFE1/2 1.4 max	B	B4
16	BD587-BD588			NPSi	2		500m	2.0					hFE1/2 1.4 max	B	B4
17	BD589-BD590			NPSi	2		500m	2.0					hFE1/2 1.4 max	B	B4
18	BD595-BD596			NPSi	2		1.0	2.0					hFE1/2 1.4 max	B	B4
19	BD597-BD598			NPSi	2		1.0	2.0					hFE1/2 1.4 max	B	B4
20	BD599-BD600			NPSi	2		1.0	2.0					hFE1/2 1.4 max	B	B4
21	MK433			NPSi	2								MRF432/33 matched	R	W52k
22	PA6003			NPSi	2	40			150M		360m		comp-pair; VCBO 25V	A	TO105
23	PA6005			NPSi	2	100					360m		comp-pair; VCBO 25V	A	R110d
24	PA6015C			NPSi	2	120					500m		comp-pair; VCBO 25V	F	TO92
25	PAM6003			NPSi	2	40			150M		800m		comp-pair; VCBO 25V	A	R216g
26	PB6003			NPSi	2	40			150M		360m		comp-pair; VCBO 25V	A	TO105
27	PB6005			NPSi	2	100					360m		comp-pair; VCBO 25V	A	R110d
28	ZDT11			NSi									Matched;VEC 2.0mV		R102a
29	ZDT21			NSi									Matched;hFE 1/2 1.0		R102a
30	2AT329			NSi	2	750m							Dual DeviceshFE1/2 0.7		MM12a
31	2BC119			NSi	2	800m	300m						Dual DeviceshFE1/2 0.8		TO39
32	2BC138			NSi	2	1.0	1.0						Dual DeviceshFE1/2 1.0		TO39
33	2BC142			NSi	2	800m							Dual DeviceshFE1/2 0.8		TO105
34	2BC144			NSi	2						700m		hFE1/2 1.2 max		TO5
35	2BC222			NSi	2								Planar epitaxial		TO105
36	2BC286			NSi	2		500m						hFE1/2 1.0 max		TO5
37	2BC288			NSi	2		2.0						hFE1/2 1.0 max		TO39
38	2BD117			NSi	2						30		hFE1/2 0.8 min		TO3
39	2BD124			NSi	2	280							IB 2mA;BVCBO 70V	CO	F9B
40	2BD131			NSi	2	280					78		VCBO 55V	D	TO126
41	2BDY20			NSi	2								hFE1/2 1.6 max		TO3
42	2BDY38			NSi	2								hFE1/2 1.5 max		TO3
43	2C444			NSi	2				200M		500m		hFE1/2 0.7 min;VB20mV		TO77
44	2N214MP			NSi	2				80M		180m		2N214 Matched Pair		
45	2SC1910			NSi	2	30	50m		6.0G		200m		BVCBO 15V ;Cob 1.5pF	PG	W35
46	2SC1911			NSi	2	40	10m		5.0G		150m		BVCBO 20V ;Cob 0.8pF	PG	W35
47	2SC1912			NSi	2	40	10m		5.0G		150m		BVCBO 20V ;Cob 0.8pF	PH	W35
48	2SC1920			NSi	2	30	30m		6.0G		200m		BVCBO 15V ;Cob 1.5pF	PH	W35
49	2SK109			NSi	2								NFET;YFS1/2 0.9 min	RC	B34
50	2XBDY20			NSi	2						115		hFE1/2 1.6 max	CØ	TO3
51	4JD12X043			NSi	2						800m		2-2N2195 pair		TO77
52	12A8			NSi	2						500m		hFE1/2 0.6 min		TO77
53	12A104			NSi	2	25			60M		500m		ICBO 2nA max		R131
54	12A105			NSi	2						300m		hFE1/2 0.9 min		TO18
55	12A107			NSi	2						300m		hFE1/2 0.9 min		TO18
56	12A108			NSi	2						750m		hFE1/2 0.6 min		TO18
57	12A304			NSi	2	25			60M		500m		ICBO 2nA max		
58	12A308			NSi	2						1.5		hFE1/2 0.6 min;VCB 50V		
59	12A904			NSi	2	25			60M		500m		ICBO 2nA max		FP80
60	12G1			NSi	2	30					1.5		VCBO 35V min		TO5
61	12G2			NSi	2						750m		hFE1/2 0.85 min		TO5
62	12G101			NSi	2						1.5		VCBO 35V min		TO18
63	12G301			NSi	2						1.4		VCBO 35V; ICBO 20nA		26
64	12G302			NSi	2						1.4		VCBO 35V; ICBO 20nA		
65	12H301			NSi	2						1.4		VCBO 30V; ICBO 10nA		
66	12H302			NSi	2						1.4		hFE1/2 0.8;VCBO 30V		
67	12H303			NSi	2						1.4		hFE1/2 0.85;VCBO 25V		
68	12H901			NSi	2						1.4		VCBO30V; ICBO 10nA		FP80
69	12H902			NSi	2						1.4		hFE1/2 0.8;VCBO 30V		FP80
70	12J301			NSi	2						1.4		VCBO 40V;ICBO 400nA		
71	12J302			NSi	2						1.4		hFE1/2 0.80;VCBO 40V		
72	12J303			NSi	2						1.4		hFE1/2 0.80;VCBO 40V		
73	12J901			NSi	2						1.4		VCBO 40V; ICBO 400nA		FP80
74	12J902			NSi	2						1.4		hFE1/2 0.8;VCBO 40V		FP80
75	12J905			NSi	2						1.4		hFE1/2 0.80 min		FP80
76	A605			NSi	2	100			30M				hFE1/2 0.90 min		TO77
77	A606			NSi	2	100			30M				hFE1/2 0.90 min		TO77
78	A610L			NSi	2								NFE';IDSS1/2 0.95	DH	X70a
79	A610S			NSi	2								NFET;IDSS1/2 0.95	DH	X70
80	A611L			NSi	2								NFET;IDSS1/2 0.95	DH	X70a
81	A611S			NSi	2								NFET;IDSS1/2 0.95	DH	X70
82	A640L			NSi	2						300m		hFE1/2 1.0 max	A	X56a
83	A640S			NSi	2						300m		hFE1/2 1.0 max	A	X56
84	A641			NSi	2						300m		hFE1/2 1.0 max		X36a
85	A641L			NSi	2						300m		hFE1/2 1.0 max	A	X56a
86	A641S			NSi	2						300m		hFE1/2 1.0 max	A	X56
87	A642			NSi	2						300m		hFE1/2 1.0 max		X36a
88	A642L			NSi	2						300m		hFE1/2 1.0 max	A	X56a
89	A642S			NSi	2						300m		hFE1/2 1.0 max	A	X56
90	A643L			NSi	2						300m		hFE1/2 1.0 max	A	X56a
91	A643S			NSi	2						300m		hFE1/2 1.0 max	A	X56
92	A644L			NSi	2						300m		hFE1/2 1.0 max	A	X56a
93	A644S			NSi	2						300m		hFE1/2 1.0 max	A	X56
94	A645L			NSi	2						300m		hFE1/2 1.0 max	A	X56a
95	A645S			NSi	2						300m		hFE1/2 1.0 max	A	X56
96	A646			NSi	2						300m		hFE1/2 1.0 max		TO77
97	AD830			NSi	2						750m		NFET;VGS 25mV max	PJ	TO78
98	AD831			NSi	2						750m		NFET;VGS 25mV max	PJ	TO78
99	AD832			NSi	2						750m		NFET;VGS 25mV max	PJ	TO78
100	AD833			NSi	2						750m		NFET;VGS 25mV max	PJ	TO78
101	AD833A			NSi	2						750m		NFET;VGS 25mV max	PJ	TO78
102	AD840			NSi	2						400m		NFET;VGS1-2 5mV max	PJ	TO71
103	AD841			NSi	2						400m		NFET;VGS1-2 5mV max	PJ	TO71
104	ASA1000			NSi	2						500m		VCBO 60V;hFE1/2 1.25		TO5
105	ASA1001			NSi	2						500m		VCBO 60V;hFE1/2 1.10		TO5
106	BC338/BC328			NSi	2				100M		1.0		hFE1/2 1.4 max;Vces30	A	X64b
107	BC635/636			NSi	2		150m				1.0		hFE1/2 1.3 max;compl	D	TO92
108	BC637/638			NSi	2						1.0		hFE1/2 1.3 max;compl	D	TO92
109	BC639/640			NSi	2						1.0		hFE1/2 1.3 max;compl	D	TO92
110	BCW25			NSi	2						600m		hFE1/2 1.0 max		R131

LINE No.	[5] TYPE NUMBER	[1] IC RATED MAX (A)	[2] VCEO RATED MAX (V)	[3] POL AND MAT'L	[4] NO OF DEV	HFE MINIMUM	@ IC (A)	@ VCE (V)	DYNAMIC CHARACTER FT MIN (HZ)	DYNAMIC CHARACTER TON MAX (S)	PD MAX (W)	TC EO MD PE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT/ LEAD CODE	DRAWINGS OUTLINE
1	BD135-BD136MP			NSi	2		150m						hFE1/2 1.3 max	BØ	TO126
2	BD137-BD138MP			NSi	2		150m						hFE1/2 1.3 max	BØ	TO126
3	BD139-BD140MP			NSi	2		150m						hFE1/2 1.6 max	BØ	TO126
4	BD213-45/BD214-45			NSi	2								complimentary pair	B	B3
5	BD213-60/BD214-60			NSi	2								complimentary pair	B	B3
6	BD213-80/BD214-80			NSi	2								complimentary pair	B	B3
7	BFW39A			NSi	2						500m		hFE1/2 0.85 min		R131
8	BFW40A			NSi	2						500m		hFE1/2 1.1 min		R131
9	BFY85A			NSi	2						320m		hFE1/2 0.80		CN111c
10	BFY85B			NSi	2						320m		hFE1/2 0.80		CN111c
11	BFY86A			NSi	2						320m		hFE1/2 0.90		CN111c
12	BFY86B			NSi	2						320m		hFE1/2 0.90		CN111c
13	BN209			NSi	2								hFE1/2 0.80		TO77
14	C94EG			NSi	2								NFET;IDSS match 10%	DA	TO92
15	C94ER			NSi	2								NFET;IDSS match 5%	DA	TO92
16	C95EG			NSi	2								NFET;IDSS match 10%	DA	TO92
17	C95ER			NSi	2								NFET;IDSS match 5%	DA	TO92
18	C96EG			NSi	2								NFET;IDSS match 10%	DA	TO92
19	C97EG			NSi	2								NFET;IDSS match 10%	DA	TO92
20	C97ER			NSi	2								NFET;IDSS match 5%	DA	TO92
21	C98EG			NSi	2								NFET;IDSS match 10%	DA	TO92
22	C98ER			NSi	2								NFET;IDSS match 5%	DA	TO92
23	CS2640			NSi	2	65					300m		hFE1/2 0.80 min		R136
24	CS2642			NSi	2						300m		hFE1/2 0.90 min		R136
25	CS2643			NSi	2						300m		hFE1/2 0.80 min		R136
26	CS29008			NSi	2	200	100u				300m		hFE1/2 0.90 min		R136
27	CS29009			NSi	2	200	100u				300m		hFE1/2 0.80 min		R136
28	CS29011			NSi	2	300	100u				300m		hFE1/2 0.90 min		R136
29	CS29012			NSi	2	300	100u				300m		hFE1/2 0.80 min		R136
30	D12A8			NSi	2						500m		hFE1/2 0.60 min		L17f
31	D12E026			NSi	2						600m		hFE1/2 0.60 min		TO77
32	D12E109			NSi	2						300m		hFE1/2 0.90 min		L2p
33	D12E126			NSi	2						500m		hFE1/2 0.60 min		L2p
34	DFNA3-50			NSi	2						300m		VGS1/2 50mV		TO18
35	DFNA3-100			NSi	2						300m		VGS1/2 100mV		TO18
36	E400			NSi	2								VGS(1-2) 10mV max		R165
37	E401			NSi	2								FET; VGS(1-2)10mV max		R165
38	E402			NSi	2								FET; VGS(1-2)20mV max		R165
39	E410			NSi	2								FET; VGS(1-2)10mV max	PC	R170
40	E411			NSi	2								FET; VGS(1-2)25mV max	PC	R170
41	E412			NSi	2								FET; VGS(1-2)40mV max	PC	R170
42	E413			NSi	2								FET; VGS(1-2)20mV max		R165
43	E414			NSi	2								FET; VGS(1-2)30mV max		R165
44	E415			NSi	2								FET; VGS(1-2)50mV max		R165
45	FM1100			NSi	2						500m		FET;IDSS1/2 1.0max		L74
46	FM1101			NSi	2						500m		FET;IDSS1/2 1.0max		L74
47	FM1102			NSi	2						500m		FET;IDSS1/2 1.0max		L74
48	FM1103			NSi	2						500m		FET;IDSS1/2 1.0max		L74
49	FM1104			NSi	2						500m		FET;IDSS1/2 1.0max		L74
50	FM1105			NSi	2						500m		FET;IDSS1/2 1.0max		L74
51	FM1106			NSi	2						500m		FET;IDSS1/2 1.0max		L74
52	FM1107			NSi	2						500m		FET;IDSS1/2 1.0max		L74
53	FM1108			NSi	2						500m		FET;IDSS1/2 1.0max		L74
54	FM1109			NSi	2						500m		FET;IDSS1/2 1.0max		L74
55	FM1110			NSi	2						500m		FET;IDSS1/2 1.0max		L74
56	FM1111			NSi	2						500m		FET;IDSS1/2 1.0 max		L74
57	FM1200			NSi	2						500m		FET;IDSS1/2 1.0 max		L74
58	FM1201			NSi	2						500m		FET;IDSS1/2 1.0 max		L74
59	FM1202			NSi	2						500m		FET;IDSS1/2 1.0 max		L74
60	FM1203			NSi	2						500m		FET;IDSS1/2 1.0 max		L74
61	FM1204			NSi	2						500m		FET;IDSS1/2 1.0 max		L74
62	FM1205			NSi	2						500m		FET;IDSS1/2 1.0 max		L74
63	FM1206			NSi	2						500m		FET;IDSS1/2 1.0 max		L74
64	FM1207			NSi	2						500m		FET;IDSS1/2 1.0 max		L74
65	FM1208			NSi	2						500m		FET;IDSS1/2 1.0 max		L74
66	FM1209			NSi	2						500m		FET;IDSS1/2 1.0 max		L74
67	FM1210			NSi	2						500m		FET;IDSS1/2 1.0 max		L74
68	FM1211			NSi	2						500m		FET;IDSS1/2 1.0 max		L74
69	FM3954			NSi	2						500m		FET;IDSS1/2 1.0 max	PE	TO99
70	FM3954A			NSi	2						500m		FET;IDSS1/2 1.0 max	PE	TO99
71	FM3955			NSi	2						500m		FET;IDSS1/2 1.0 max	PE	TO99
72	FM3955A			NSi	2						500m		FET;IDSS1/2 1.0 max	PE	TO99
73	FM3956			NSi	2						500m		FET;IDSS1/2 1.0 max	PE	TO99
74	FM3957			NSi	2						500m		FET;IDSS1/2 1.0 max	PE	TO99
75	FM3958			NSi	2						500m		FET;IDSS1/2 1.0 max	PE	TO99
76	FP4339/2N4339			NSi	2						300m		FET;IDSS match 5%		ZA25
77	FP4340/2N4340			NSi	2						300m		FET;IDSS match 5%		ZA25
78	HSC3921			NSi	2								FET;IDSS1/2 1.0;YFS 1		L21e
79	HSC3954			NSi	2								FET;IDSS1/2 1.0;YFS 1		L21e
80	IMF3954			NSi	2						500m		FET;IDSS1/2 0.95	PC	TO71
81	IMF3954A			NSi	2						500m		FET;IDSS1/2 0.95	PC	TO71
82	IMF3955			NSi	2						500m		FET;IDSS1/2 0.95	PC	TO78
83	IMF3955A			NSi	2						500m		FET;IDSS1/2 0.95	PC	TO78
84	IMF3956			NSi	2						500m		FET;IDSS1/2 0.95	PC	TO78
85	IMF3957			NSi	2						500m		FET;IDSS1/2 0.90	PC	TO78
86	IMF3958			NSi	2						500m		FET;IDSS1/2 0.85	PC	TO78
87	IMF5564			NSi	2								FETS;VGS(1-2)5mV max	PC	TO71
88	IMF5565			NSi	2								FETS;VGS(1-2)10mV max	PC	TO71
89	IMF5566			NSi	2								FETS;VGS(1-2)20mV max	PC	TO71
90	MAT01FH			NSi	2								Diff pair;hFE1/2 1.08	PA	TO99
91	MAT01H			NSi	2								Diff pair;hFE1/2 1.03	PA	TO99
92	MD1133			NSi	2	30	150m	5.0			600m		VCBO 60V		TO78
93	MD1133F			NSi	2	30	150m	5.0			350m		VCBO 60V		TO89
94	ME502			NSi	2	750	10m						Darl amp pair(2N1893)		L3
95	ME504			NSi	2	100	10u						VCBO 30V;VEBO 3V		R131
96	MFE3954			NSi	2								FET;YFS1/2 0.97 min	PE	TO76
97	MFE3954A			NSi	2								FET;YFS1/2 0.97 min	PE	TO76
98	MFE3955			NSi	2								FET;YFS1/2 0.95 min	PE	TO76
99	MFE3955A			NSi	2								FET;YFS1/2 0.97 min	PE	TO76
100	MFE3956			NSi	2								FET;YFS1/2 0.95 min	PE	TO76
101	MFE3957			NSi	2								FET;YFS1/2 0.90 min	PE	TO76
102	MFE3958			NSi	2								FET;YFS1/2 0.85 min	PE	TO76
103	MTD2974			NSi	2						140m		hFE1/2 0.90 min		X160
104	MTD2975			NSi	2						140m		hFE1/2 0.90 min		X160
105	MTD2978			NSi	2						140m		hFE1/2 0.90 min		X160
106	MTD2979			NSi	2						140m		hFE1/2 0.90 min		X160
107	NDF9401			NSi	2						500m		FET;VGS(1-2)5mV max	PE	TO78
108	NDF9402			NSi	2						500m		FET;VGS(1-2)5mV max	PE	TO78
109	NDF9403			NSi	2						500m		FET;VGS(1-2)10mVmax	PE	TO78
110	NDF9404			NSi	2						500m		FET;VGS(1-2)15mV max	PE	TO78

LINE No.	[5] TYPE NUMBER	[1] IC RATED MAX (A)	[2] VCEO RATED MAX (V)	[3] POL AND MAT'L	[4] NO OF DEV	HFE MINIMUM	@ IC (A)	@ VCE (V)	DYNAMIC CHARACTER FT MIN (HZ)	DYNAMIC CHARACTER TON MAX (S)	PD MAX (W)	TEMP -	CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT/ LEAD CODE	DRAWINGS OUTLINE
1	NDF9405			NSi	2						500m			FET;VGS(1-2)25mV max	PE	TO78
2	NF550			NSi	2									IDSS1/2 0.97 max	PE	TO99
3	NS7070			NSi	2						200m			hFE1/2 0.90 min		X23
4	NS7300			NSi	2	100					600m			hFE1/2 1.0 max		TO77
5	NS7301			NSi	2	100					600m			hFE1/2 0.80 min		TO77
6	NS7302			NSi	2	100					600m			hFE1/2 0.50-1.00		TO77
7	NS7303			NSi	2	100					400m			hFE1/2 0.90 min		TO71
8	NS7304			NSi	2	100					400m			hFE1/2 0.80 min		TO71
9	NS7305			NSi	2	100					400m			hFE1/2 0.50 min;VCBO40		TO71
10	SFT918			NSi	2	50			600M		300m			dual device		TO77
11	SFT918A			NSi	2				600M		300m			hFE1/2 0.90 min		TO77
12	SFT918B			NSi	2				600M		300m			hFE1/2 0.80 min		TO77
13	SP2060F			NSi	2						350m			hFE1/2 0.90 min		TO89
14	SP2920F			NSi	2						350m			hFE1/2 0.90 min		TO89
15	SP8300			NSi	2	30	10m				300m			BVCBO 40V;ICBO 250uA		R52
16	SP8302			NSi	2	75	10m				500m			BVCBO 100V;ICBO 250uA		R52
17	SP8303			NSi	2	35	10m				500m			BVCBO 100V;ICBO 250uA		R52
18	SP8304			NSi	2	30	10m				300m			BVCBO 40V; ICBO 250uA		R52
19	SP8309			NSi	2	40	150m				500m			BVCBO 75V; ICBO 100nA		R52
20	SP8310			NSi	2	100	150m				500m			BVCBO 75V; ICBO 100nA		R52
21	SP8311			NSi	2	40	150m				500m			BVCBO 120V;ICBO 100nA		R52
22	SP10801			NSi	2	35	10m	1.0						hFE1/2 0.8 min		TO89
23	SU2075			NSi	2						300m			GM1/2 0.95;VGS1-2 15mV		TO71
24	SU2076			NSi	2						250m			GM1/2 0.95;VGS1-2 15mV		TO71
25	SU2077			NSi	2						250m			GM1/2 0.95;VGS1-2 15mV		TO71
26	SU2078			NSi	2						250m			GM1/2 0.95;VGS1-2 15mV	PE	TO71
27	SU2079			NSi	2						250m			GM1/2 0.95;VGS1-2 15mV	PE	TO71
28	SU2098			NSi	2						300m			GM1/2 0.95 min	PJ	TO71
29	SU2098A			NSi	2						300m			GM1/2 0.95 min	PJ	TO71
30	SU2098B			NSi	2						300m			GM1/2 0.95 min	PJ	TO71
31	SU2099			NSi	2						300m			GM1/2 0.95 min	PJ	TO71
32	SU2099A			NSi	2						300m			FET;GM1/2 0.95 min	PJ	TO71
33	SU2365A			NSi	2						300m			FET;GM1/2 0.95 min	PJ	TO71
34	SU2367A			NSi	2						300m			FET;GM1/2 0.95 min	PJ	TO71
35	SU2410			NSi	2						300m			FET;GM1/2 0.95 min	PJ	TO71
36	SU2411			NSi	2						300m			FET;GM1/2 0.95 min	PJ	TO71
37	SU2412			NSi	2						300m			FET;GM1/2 0.95 min	PJ	TO71
38	SU2653			NSi	2						600m			FET;GM1/2 0.95 min	PJ	TO71
39	SU2654			NSi	2						600m			FET;GM1/2 0.95 min	PJ	TO71
40	SU2655			NSi	2						600m			FET;GM1/2 0.95 min	PJ	TO71
41	TA-M93			NSi	2	50	10u							VBE(1-2) 5mV;10% hFE		TO5
42	TD5452			NSi	2						500m			Matched;VGS 1/2 5.0mV	PJ	TO71
43	TD5453			NSi	2						500m			Matched;VGS 1/2 10mV	PJ	TO71
44	TD5454			NSi	2						500m			Matched;VGS 1/2 15mV	PJ	TO71
45	TD5902			NSi	2						300m			Matched;VGS 1/2 5mV	PJ	TO71
46	TD5902A			NSi	2						300m			Matched;VGS 1/2 5mV	PJ	TO71
47	TD5903			NSi	2						300m			Matched;VGS 1/2 5mV	PJ	TO71
48	TD5903A			NSi	2						300m			Matched;VGS 1/2 5mV	PJ	TO71
49	TD5904			NSi	2						300m			Matched;VGS 1/2 10mV	PJ	TO71
50	TD5904A			NSi	2						300m			Matched;VGS 1/2 10mV	PJ	TO71
51	TD5905			NSi	2						300m			Matched;VGS 1/2 15mV	PJ	TO71
52	TD5905A			NSi	2						300m			Matched;VGS 1/2 15mV	PJ	TO71
53	TD5906			NSi	2						300m			Matched;VGS 1/2 5mV	PJ	TO71
54	TD5906A			NSi	2						300m			Matched;VGS 1/2 5mV	PJ	TO71
55	TD5907			NSi	2						300m			Matched;VGS 1/2 5mV	PJ	TO71
56	TD5907A			NSi	2						300m			Matched;VGS 1/2 5mV	PJ	TO71
57	TD5908			NSi	2						300m			Matched;VGS 1/2 10mV	PJ	TO71
58	TD5908A			NSi	2						300m			Matched;VGS 1/2 10mV	PJ	TO71
59	TD5909			NSi	2						300m			Matched;VGS 1/2 15mV	PJ	TO71
60	TD5909A			NSi	2						300m			Matched;VGS 1/2 15mV	PJ	TO71
61	TD5911			NSi	2						300m			Matched;VGS 1/2 10mV	PJ	TO71
62	TD5911A			NSi	2						300m			Matched;VGS 1/2 10mV	PJ	TO71
63	TD5912			NSi	2						300m			Matched;VGS 1/2 15mV	PJ	TO71
64	TD5912A			NSi	2						300m			Matched;VGS 1/2 15mV	PJ	TO71
65	TIS68			NSi	2						360m			Matched;VGS 1/2 5.0mV		TO92
66	TIS69			NSi	2						360m			Matched;VGS 1/2 10mV		TO92
67	TIS70			NSi	2						360m			Matched;VGS 1/2 15mV		TO92
68	TIS92M			NSi	2									Avail only w/TIS93M	A	R203
69	U205			NSi	2						300m			Matched;VGS 1/2 5nV		TO71
70	U206			NSi	2						300m			Matched;VGS 1/2 10mV		TO71
71	U207			NSi	2						300m			Matched;VGS 1/2 15mV		TO71
72	U280			NSi	2									Matched;VGS 1/2 10mV	PJ	TO71
73	U281			NSi	2									Matched;VGS 1/2 25mV	PJ	TO71
74	U282			NSi	2									Matched;VGS 1/2 10mV	PJ	TO71
75	U283			NSi	2									Matched;VGS 1/2 25mV	PJ	TO71
76	U284			NSi	2									Matched;VGS 1/2 25mV	PJ	TO71
77	U285			NSi	2									Matched;VGS 1/2 50mV	PJ	TO71
78	uPA15			NSI										Pc 600mW max;hFE1/2 .8	PQ	R131
79♦	FT2974			NSI	2									Pt-.3W ea;IC-30mA;hFE1		TO71
80♦	FT2978			NSI	2									Pt-.3W ea;IC-30mA;hFE1		TO71
81♦	ME501Ø			NSI	2									BVCEO-10V;BVEBO-3.0V;I		R131
82♦	SL360			NSI	2									BVCBO 15V min;BVCEO 8V		L44a
83♦	SU2074			NSI	2									Pt-300mW; gm1/2-.95 mi		TO71
84♦	SU2652			NSI	2									Pt 600mW;VGS(1-2) 3.0m	PJ	TO71
85♦	ZDT20			NSI	2									hFE1/hFE2-1.0 max; VBE		R102a
86	2AC128			PGe	2	1.2	50m				1.0			Dual Devices;VCBO 32V	F	TO
87	2ACY17			PGe	2	1.2	50m							Dual Devices;VBE 250mV		TO5
88	2ACY18			PGe	2	1.2	50m							Dual Devices;VBE 250mV		TO5
89	2ACY19			PGe	2	1.2	50m							Dual Devices;VBE 250mV		TO5
90	2AD139			PGe	2	1.2								Dual Devices		F9f
91	2AD140			PGe	2	1.2								Dual Devices		TO3
92	2AD162			PGe	2	1.1	50m	1.0						Dual Devices	CO	F9b
93	2ASZ15			PGe	2	1.2					30			Comp-symmetry pair		TO3
94	2AT128			PGe	2									Dual DeviceshFE1/2 0.8		TO1
95	2N2431MP			PGe	2						3.0			hFE1/2 1.25 max		TO1
96	2N2706MP			PGe	2									2N2706 Matched Pair		TO1
97	2N4241MP			PGe	2									2N4241 matched		TO1
98	2SFT212			PGe	2	40	2.0		200k		30			BVCBO 30V	CØ	TO3
99	NKT450X2			PGe	2	30	1.0	1.5						VCBO 36V;ICBO 100uA		TO3
100	3N207			PMOS	2						600m			PFET;VGS1/2 200mV max	PY	TO76
101	MT102B			PMOS	2									VGT 200mV;RDS 60Ω		L54a
102	SD5010			PMOS	2						325m			YFS1/2 0.80 min		L53
103	SD5011			PMOS	2						325m			YFS1/2 0.80 min		L54
104	SD5012			PMOS	2						325m			YFS1/2 0.80 min		L53
105	SD5013			PMOS	2						325m			YFS1/2 0.80 min		L54
106	SD5014			PMOS	2						325m			YFS1/2 0.80 min		L53
107	SD5015			PMOS	2						325m			YFS1/2 0.80 min		L54
108	SD5050			PMOS	2						325m			YFS1/2 0.80 min		L53
109	SD5051			PMOS	2						325m			YFS1/2 0.80 min		L54
110	AC127/AC128			PNGe	2		300m							hFE1/2 1.1max	F	TO1

13. TRANSISTOR ARRAYS – Matched Pair (cont'd)

IN ORDER OF (1) IC RATED (2) VCEO RATED (3) POL AND MAT (4) NO OF DEV (5) TYPE NUMBER

LINE No.	[5] TYPE NUMBER	[1] IC RATED MAX (A)	[2] VCEO RATED MAX (V)	[3] POL AND MAT'L	[4] NO OF DEV	HFE MINIMUM	@ IC (A)	@ VCE (V)	DYNAMIC CHARACTER FT MIN (HZ)	TON MAX (S)	PD MAX (W)	TEMP MODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT/ LEAD CODE	OUTLINE
1	AC127/AC128-01			PNGe	2		300m						hFE1/2 1.1max		CN113
2	AC127/AC132			PNGe	2								AC127/132 combination		TO1
3	AC153-AC176			PNGe	2								AC153/176 complement	A	TO7
4	AC153K-AC176K			PNGe	2								comp-pair	A	X9a
5	AC154/AC157			PNGe	2								comp-pair		TO1
6	AC166/AC168			PNGe	2								comp-pair		TO1
7	AC187K-AC188K			PNGe	2								comp-pair;hFE1/2 0.89	A	X9a
8	2NFP4339			PNSi	2						300m		Complementary pair		ZA25
9	2NFP4340			PNSi	2						300m		Complementary pair		ZA25
10	PB6015C			PNSi	2	120					500m		comp-pair VCBO 25V	F	TO92
11	PTC1101			PNSi	2	100			75M		12		comp AF pwr AMP;VCB70	DØ	B17a
12	PTC1123			PNSi	2	80			6.0M		25		comp AF pwr AMP;VCB90	CØ	TO66
13	PTC1423			PNSi	2	80			8.0M		6.0		comp AF pwr AMP;VCB65	AØ	TO5
14	PTC1623			PNSi	2	50			2.0M		40		comp AF pwr AMP;VCB60	D	B16
15	PTC1645			PNSi	2	70			2.0M		100		comp AF pwr AMP;VCB80	D	B16k
16	PTC1667			PNSi	2	40			2.0M		75		comp AF pwr AMP;VCB100	DØ	B17a
17	PTC1689			PNSi	2	70			2.0M		100		comp AF pwr AMP;VCB80	B	B16k
18	PTC1701			PNSi	2								comp AF pwr AMP;VCB100	A	TO92
19	PTC1723			PNSi	2	50			50M		200		comp AF pwr AMP;VCB100	CØ	F4p
20	PTC1745			PNSi	2	50			2.0M		250		comp AF pwr AMP;VCB100	CØ	F4p
21	PTC1778			PNSi	2	160			200M		1.0		VCB 100V	B	R198
22	PTC1956			PNSi	2								complementary pair	AØ	TO37
23	PTC1978			PNSi	2								complementary pair	AØ	B18
24	PTC9045			PNSi	2								complementary pair	BØ	B7
25	2AT331			PSi	2	750m							Dual DeviceshFE1/2 0.7		
26	2BC139			PSi	2	1.3							Dual DeviceshFE1/2 1.2		TO5
27	2BC143			PSi	2	800m							Dual DeviceshFE1/2 0.8		TO105
28	2BC221			PSi	2		200m						hFE1/2 1.0		TO105
29	2N5505			PSi	2						300m		PFET;IG(1-2) 50pA		TO71
30	2N5506			PSi	2						300m		PFET;IG(1-2) 50pA		TO71
31	2N5507			PSi	2						300m		PFET;IG(1-2) 50pA		TO71
32	2N5509			PSi	2						300m		PFET;IG(1-2) 50pA		TO71
33	2N5511			PSi	2						300m		PFET;IG(1-2) 50pA		TO71
34	2N5512			PSi	2						300m		PFET;IG(1-2) 50pA		TO71
35	2N5513			PSi	2						300m		PFET;IG(1-2) 50pA		TO71
36	2N5514			PSi	2						300m		PFET;IG(1-2) 50pA		TO71
37	3N96			PSi	2								PFET;YFS 1/2 0.95 min		L24b
38	3N97			PSi	2								PFET;YFS 1/2 0.95 min		L24b
39	3N151			PSi	2						325m		PFET;YFS1/2 0.80 min	PY	TO77
40	BD131/BD132			PSi	2						11		complimentary pair	B	TO126
41	BFX10			PSi	2	2.0					550m		hFE1/2 0.80 min		TO78
42	CD91			PSi	2								hFE1/2 0.80 min		L17a
43	CD92			PSi	2								hFE1/2 0.80 min		L17a
44	CD93			PSi	2								hFE1/2 0.80 min		L17a
45	CD94			PSi	2								hFE1/2 0.80 min		L17a
46	CD95			PSi	2								hFE1/2 0.80 min		L17a
47	CD96			PSi	2								hFE1/2 0.80 min		L17a
48	CD97			PSi	2								hFE1/2 0.80 min		L17a
49	CD98			PSi	2								hFE1/2 0.80 min		L17a
50	CD912			PSi	2								hFE1/2 0.80 min	AØ	TO46
51	CD922			PSi	2								hFE1/2 0.80 min	AØ	TO46
52	CD932			PSi	2								hFE1/2 0.80 min	AØ	TO46
53	CD942			PSi	2								hFE1/2 0.80 min	AØ	TO46
54	CD952			PSi	2								hFE1/2 0.80 min	AØ	TO46
55	CD962			PSi	2								hFE1/2 0.80 min	AØ	TO46
56	CD972			PSi	2								hFE1/2 0.80 min	AØ	TO46
57	CD982			PSi	2								hFE1/2 0.80 min	AØ	TO46
58	CS2639			PSi	2	65	1.0m				300m		hFE1/2 0.90		R136
59	DP1001			PSi	2								FET;GM1/2 0.95 min		TO71
60	DP1002			PSi	2								FET;GM1/2 0.95 min		TO71
61	DP1003			PSi	2								FET;GM1/2 0.95 min		TO71
62	DP1004			PSi	2								FET;GM1/2 0.95 min		TO71
63	DP1005			PSi	2								FET;GM1/2 0.90 min		TO71
64	DP1006			PSi	2								FET;GM1/2 0.95 min		TO71
65	DP1007			PSi	2								FET;GM1/2 0.95 min		TO71
66	DP1008			PSi	2								FET;GM1/2 0.95 min		TO71
67	DP1009			PSi	2								FET;GM1/2 0.95 min		TO71
68	DP1010			PSi	2								FET;GM1/2 0.90 min		TO71
69	MD1124F			PSi	2	30	100u						VBE(1-2) 10mV max		FP79
70	MD1125F			PSi	2	30	100u						VBE(1-2) 10mV max		FP79
71	MEM550Δ			PSi	2								FET;VDSS 30V;IDS 10nA		TO99
72	MEM551			PSi	2						112		YFS1/2 0.80min;V6ST 6V	PY	TO77
73	MEM551C			PSi	2						85m		FET;YFS1/2 0.8 min	PY	TO77
74	MEM954			PSi	2						300m		FET;YFS1/2 1.1 max	PY	TO77
75	MEM954A			PSi	2						300m		FET;YFS1/2 1.1 max	PY	TO77
76	MEM954B			PSi	2						300m		FET;YFS1/2 1.1 max	PY	TO77
77	MEM955			PSi	2						300m		FET;YFS1/2 1.1 max	PY	TO77
78	MEM955A			PSi	2						300m		FET;YFS1/2 1.1 max	PY	TO77
79	MEM955B			PSi	2						300m		FET;YFS1/2 1.1 max	PY	TO77
80	NS7200			PSi	2				60M		600m		hFE1/2 1.0 max		R52
81	NS7201			PSi	2				60M		600m		hFE1/2 1.0 max		R52
82	OC740M			PSi	2								50uV max; Voff 2mV max		RO66
83	QD100-71			PSi	2						500m		hFE1/2 15% max		L2p
84	QD100-78			PSi	2						750m		hFE1/2 15% max		TO78
85	QD101-71			PSi	2						500m		hFE1/2 10% max		L2p
86	QD101-78			PSi	2						750m		hFE1/2 10% max		TO78
87	QD102-71			PSi	2						500m		hFE1/2 10% max		L2p
88	QD102-78			PSi	2						750m		hFE1/2 10% max		TO78
89	QD103-71			PSi	2						500m		hFE1/2 10% max		L2p
90	QD103-78			PSi	2						750m		hFE1/2 10% max		TO78
91	QD104-71			PSi	2						500m		hFE1/2 10% max		L2p
92	QD104-78			PSi	2						750m		hFE1/2 10% max		TO78
93	QD400-71			PSi	2						500m		hFE1/2 15% ;		L2p
94	QD400-78			PSi	2						750m		hFE1/2 15% ;		TO78
95	QD401-71			PSi	2						500m		hFE1/2 10% max		L2p
96	QD401-78			PSi	2						750m		hFE1/2 10% max		TO78
97	QD402-71			PSi	2						500m		hFE1/2 10% max		L2p
98	QD402-78			PSi	2						750m		hFE1/2 10% max		TO78
99	QD403-71			PSi	2						500m		hFE1/2 10% max		L2p
100	QD403-78			PSi	2						750m		hFE1/2 10% max		TO78
101	QD404-71			PSi	2						500m		hFE1/2 10% max		L2p
102	QD404-78			PSi	2						750m		hFE1/2 10% max		TO78
103	RT3501			PSi	2						400m		RT3500 matched		TO46
104	SP8307			PSi	2	35	10m				300m		BVCBO 20V; ICBO 100nA		R52
105	SP10810			PSi	2	35	10m	1.0					hFE1/2 0.8 min		TO89
106	TIS61M			PSi	2								Avail only w/TIS60M		TO92
107	TIS93M			PSi	2								Avail only w/TIS92M	A	R203
108♦	UD2000			PSi	2						400m		Matched;hFE 1/2 .9 min		L2N
109	OC740Q			PSi	4								Quad element;Voff 2mV		RO66
110	2xOC308			PSI									Pair of OC308		

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

LINE No.	[5] TYPE NUMBER	[1] IC RATED MAX (A)	[2] VCEO RATED MAX (V)	[3] POL AND MAT'L	[4] NO OF DEV	HFE MINIMUM	@ IC (A)	@ VCE (V)	DYNAMIC CHARACTER FT MIN (HZ)	DYNAMIC CHARACTER TON MAX (S)	PD MAX (W)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT/ LEAD CODE	DRAWINGS OUTLINE
1	2xOC318			PSI									Pair of OC318		
2♦	BD266/267			PSI	2								Darlington;Pt 60W;BVCB		Y220b
3	A1480		5.0	NSi	2						300m		VEBO 5.0V; Voff 50uV		TO18
4	MS4044		5.0	NSi	2	200	10u						3 mV offset	PA	W38
5	ASA2		10	NSi	2	45	10m				750m		VCBO 60V;VEBO 7V		R131
6	12X084B		15	NSi	2	30	10m						ICBO 200mA; Cob 6pFmax		X14
7	D12X084A		15.0	NSi	2	30	10m						hFE1/2 0.80 min		X14
8	BC368-BC369		20.0	NSi	2		500m				1.0		hFE1/2 1.4 max;compl	B	TO92
9	FSP1		20	NSi	2						800m		hFE1/2 0.90 min		
10	2N3519		30.0	NSi	2						1.4		VCBO 60V;VEBO 7V max		
11	2N3520		30.0	NSi	2						1.4		VCBO 60V;VEBO 7V max		FP80
12	A649L		30.0	NSi	2								hFE1/2 0.90 min	A	X56a
13	A649S		30.0	NSi	2								hFE1/2 0.90 min	A	X56
14	30T2		30	PSi	2						250m		VCBO 50V;VEBO 5V		
15	2OC84		32.0	PGe	2	60			1.0M		220m		OC84 matched Pair		CN109
16	2N3514		40.0	NSi	2						1.4		VCBO 80V;VEBO 5V max		
17♦	UD3007		40	PSi	2	100	150m		200M				Compl;BVCBO 60V		L59
18	2BD181		45	NSi	2	280					78		IB 2mA		
19	BC635-BC636		45.0	NSi	2		150m				1.0		hFE1/2 1.3 max;compl	B	TO92
20	BFW51		45	NSi	2	60			60M				hFE1/2 0.90 min		TO71
21	BFW52		45	NSi	2	150			60M				hFE1/2 0.90 min		TO71
22	NS7000		45	NSi	2	125	10u				200m		hFE1/2 0.90 min		X17
23	NS7001		45	NSi	2	125	10u				300m		hFE1/2 0.90 min		R131
24	FT4020		45.0	PSi	2								hFE match 20%;ICBO10nA		L17e
25	FT4023		45.0	PSi	2								hFE match 10%;ICBO10nA		L17e
26	BC327/BC328		50.0	PSi	2				100M		360m		hFE1/2 1.41 max Vsat1V	A	X64b
27	2N3523		55.0	NSi	2						1.4		VCBO 70V;VEBO 7V max		
28	2N3524		55.0	NSi	2						1.4		VCBO 70V;VEBO 7V max		FP80
29	12X165		55	NSi	2	100					300m		hFE1/2 0.8 min		R131
30	BDX66/67		60.0	NPSi	2						150		compl darlington		TO3
31	2N3518		60.0	NSi	2						1.4		VCBO 100V;VEBO 7V max		FP80
32	4JD12X047		60.0	NSi	2						600m		Darlington pair		TO77
33	BC637-BC638		60.0	NSi	2						1.0		hFE1/2 1.3 max;compl	B	TO92
34	BFW51A		60	NSi	2	60			60M				hFE1/2 0.90 min		TO71
35	BFW52A		60	NSi	2	150			60M				hFE1/2 0.90 min		TO71
36	SP2223AF		60	NSi	2						350m		hFE1/2 0.80min		TO89
37	FT4021		60.0	PSi	2								hFE match 20%;ICBO10nA		L17e
38	FT4022		60.0	PSi	2								hFE match 20%;ICBO10nA		L17e
39	FT4024		60.0	PSi	2								hFE match 10%;ICBO10nA		L17e
40	FT4025		60.0	PSi	2								hFE match 10%;ICBO10nA		L17e
41	BD266A/267A		80.0	NPSi	2						60		comp-pair;darlington		Y220b
42	BDX66A/67A		80.0	NPSi	2						150		compl darlington		TO3
43	2BD183		80	NSi	2						117		VCBO 85V		
44	BDX66B/67B		100	NPSi	2						150		compl darlington		TO3
45▾	MIC726-1	5.0m	30	NSi	2							5C	Temperature Controlled	7LM26HX	TO96
46▾	MIC726-5	5.0m	30	NSi	2							08	Temperature Controlled	7LM26HX	TO96
47	IT500P	7.0m	60.0	NSi	2						500m		FET;VGS(1-2) 5mV max	QT	DL8a
48	IT501P	7.0m	60.0	NSi	2						500m		FET;VGS(1-2) 5mV max	QT	DL8a
49	IT502P	7.0m	60.0	NSi	2						500m		FET;VGS(1-2) 10mV max	QT	DL8a
50	IT503P	7.0m	60.0	NSi	2						500m		FET;VGS(1-2) 15mV max	QT	DL8a
51	KY4042	10m		NSi	2						500m		hFE1/2 0.90		u36
52	KY4043	10m		NSi	2						500m		hFE1/2 0.85		u36
53	KY4099	10m		NSi	2						500m		hFE1/2 0.80		u36
54	IT124A	10m	2.0	NSi	2						500m		VBE(1-2) 3.2mV max	PA	TO78
55	IT124B	10m	2.0	NSi	2						750m		VBE(1-2) 5mV max	PA	TO78
56	LM114	20m		NSi	2						800m		BVCER 45V; VOS 2mV	PA	R131
57	LM114A	20m		NSi	2						800m		BVCER 45V; VOS 500uV	PA	R131
58	LM115	20m		NSi	2						800m		BVCER 60V; VOS 2mV	PA	R131
59	LM115A	20m		NSi	2						800m		BVCER 60V; VOS 500uV	PA	R131
60	LM194	20m		NSi	2	500					500m		BVCER 40V; BVCBO 40V	PA	R131
61	LM394	20m		NSi	2	500					500m		BVCER 40V; BVCBO 40V	PA	R131
62♦	UD1000	20m		PSi	2						400m		Matched;BVCBO 50V		LN38
63	A602	30m		NSi	2	50			30M				hFE1/2 0.80 min		TO77
64	A603	30m		NSi	2	100			30M				hFE1/2 0.80 min		TO77
65	A604	30m		NSi	2	100			30M				hFE1/2 0.80 min		TO77
66	A607	30m		NSi	2						300m		hFE1/2 1.0		TO77
67	A608	30m		NSi	2						300m		hFE1/2 1.0		TO77
68	A640	30m		NSi	2						300m		hFE1/2 1.0 max		X36a
69	SMT100	30m	45.0	PSi	2						600m		VBE 1-2 20mV		L17a
70	SMT101	30m	45.0	PSi	2						600m		VBE 1-2 20mV		L17a
71	SMT102	30m	45.0	PSi	2						600m		hFE1/2 0.8 min		L17a
72	SMT103	30m	45.0	PSi	2						600m		hFE1/2 0.8 min		L17a
73	SMT104	30m	45.0	PSi	2						600m		hFE1/2 0.9 min		L17a
74	SMT105	30m	45.0	PSi	2						600m		hFE1/2 0.9 min		L17a
75	GA53080	50m		Ge	2				10M		250m		complementary pair		
76	2N67	50m		NSi	2						100m		BVEB 50V	GE	
77	A520	50m		NSi	2	40					1.2		VCBO 80V		RO52g
78	A521	50m		NSi	2	100					1.2		VCBO 80V		RO52g
79	A600	50m		NSi	2				50M				hFE1/2 0.90 min		TO77
80	A601	50m		NSi	2	175							BVCBO 50V;ICBO 10n		TO77
81	IT122TO71	50m		NSi	2						750m		VBE(1-2) 5mV max	PA	TO71
82	SL301CE	50m	10.0	NSi	2								VCBO 25V	QR	DL14cc
83	SL301CT	50m	10.0	NSi	2								hFE1/2 0.8	PD	TO78
84	SL301BE	50m	12.0	NSi	2								hFE(1-2) 0.50 min	QR	DL14cc
85	SL301BT	50m	12.0	NSi	2								hFE(1-2) 0.50 min	PD	TO78
86	SL301EE	50m	12.0	NSi	2								hFE1/2 0.8	QR	DL14cc
87	SL301ET	50m	12.0	NSi	2								hFE1/2 0.8	PD	TO78
88	MD1131F	50m	15.0	NSi	2	50	1.0m		600M				VCBO 30V		TO89
89	SL301AE	50m	16.0	NSi	2								hFE(1-2) 0.90 min	QR	DL14cc
90	SL301AT	50m	16.0	NSi	2								hFE(1-2) 0.90 min	PD	TO78
91	IT120ATO71	50m	45.0	NSi	2						500m		VBE(1-2) 1mV max	PA	TO71
92	IT120TO71	50m	45.0	NSi	2						500m		VBE(1-2) 2mV max	PA	TO71
93	IT121TO71	50m	45.0	NSi	2						500m		VBE(1-2) 3mV max	PA	TO71
94	IT130ATO71	50m	45.0	PSi	2						500m		VBE(1-2) 1mV max	PA	TO71
95	IT130TO71	50m	45.0	PSi	2						500m		VBE(1-2) 2mV max	PA	TO71
96	IT131TO71	50m	45.0	PSi	2						500m		VBE(1-2) 3mV max	PA	TO71
97	IT132TO71	50m	45.0	PSi	2						500m		VBE(1-2) 5mV max	PA	TO71
98	IT128TO71	100m	45.0	NSi	2						500m		VBE(1-2) 3mV max	PA	TO71
99	IT129TO71	100m	45.0	NSi	2						500m		VBE(1-2) 5mV max	PA	TO71
100	IT138TO71	100m	45.0	PSi	2						500		VBE(1-2)3mV max	PA	TO71
101	IT139TO71	100m	45.0	PSi	2						500		VBE(1-2)5mV max	PA	TO71
102	IT127TO71	100m	55.0	NSi	2						500m		VBE(1-2) 2mV max	PA	TO71
103	IT137TO71	100m	55.0	PSi	2						500m		VBE(1-2) 2mV max	PA	TO71
104	IT126TO71	100m	60.0	NSi	2						500m		VBE(1-2) 1mV max	PA	TO71
105	IT136TO71	100m	60.0	PSi	2						500m		VBE(1-2) 1mV max	PA	TO71
106	2SC96	150m	15.0	NSi	2						500m		hFE1/2 0.80 at 1mA		L16
107	BSY42	200m		NSi	2	25			200M		700m		BVCBO 20V;hFE 120 max		R131
108	BSY43	200m		NSi	2	30			300M		700m		BVCBO 30V;hFE 120 max		R131
109	MD984F	200m	20.0	PSi	2	25			250M		350m		VCBO 40V		TO89
110	MD1123F	200m	40.0	PSi	2	30	100u						VBE(1-2) 10mV max		FP79

13. TRANSISTOR ARRAYS – Matched Pair (cont'd)

IN ORDER OF (1) IC RATED (2) VCEO RATED (3) POL AND MAT (4) NO OF DEV (5) TYPE NUMBER

LINE No.	[5] TYPE NUMBER	[1] IC RATED MAX (A)	[2] VCEO RATED MAX (V)	[3] POL AND MAT'L	[4] NO OF DEV	HFE MINIMUM	HFE @ IC (A)	HFE @ VCE (V)	DYNAMIC CHARACTER FT MIN (HZ)	DYNAMIC CHARACTER TON MAX (S)	PD MAX (W)	TEMP - / CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT/ LEAD CODE	DRAWINGS OUTLINE
1	2OC74	300m	20.0	PGe	2	40			1.0M		220m		OC74 match;hFE1/2 1.0		CN109
2	MD981F	500m		NSi	2	35					600m		VCBO 60V		TO89
3	2SB30	500m		PGe	2	68	200m		7.0M				VCBO 15V		TO3
4	2SB31	500m		PGe	2	115	200m		7.0M				VCBO 15V		TO3
5	AC127/AC152	500m		PNGe	2								hFE1/2 1.25 max		TO1
6	2OC83	500m	32.0	PGe	2	50			1.0M		220m		OC83 matched Pair		CN109
7	FT3838	600m	40.0	PSi	2	100	150m	10	200M				complementary pair		TO89
8	2SB145	1.00		PGe	2	37	1.00		7.0M				VCBO 30V		TO3
9	2SB146	1.00		PGe	2	75	1.00		7.0M				VCBO 30V		TO3
10	2AC187	2.0		PGe	2	100			5.0M		800m		Dual Devices;VCBO 25V		TO
11	AC187/01/AC188/01	2.0		PNGe	2								comp-pair;hFE1/2 0.89	A	CN113
12	2AD161	3.0			2	80		1.0	3.0M		4.0		Dual Devices		TO9
13	2BD182	4.0	60	NSi	2						117		BVCBO 70V		
14	2OC36	8.0	32.0	PGe	2	30	1.0		220k		30		OC36 match;hFE1/2 1.2		TO3
15	2OC29	10.0	48.0	PGe	2	35	6.0		250k				OC29 Match;hFE1/2 1.2		TO3
16	2OC35	10.0	48.0	PGe	2	20	6.0		220k		30		OC35 match;hFE1/2 1.2		TO3
17	2OC6	10.0	60.0	PGe	2	15	6.0				30		OC20 match;hFE1/2 1.0		TO3
18	2OC28	10.0	60.0	PGe	2	15	6.0		250k		30		OC28 Match;hFE1/2 1.2		TO3
19	2XBD181	15.0	45	NSi	2	20	3.0	4.0			117		BD181 matched pair	CØ	TO3
20	2X2N3055	15.0	60	NSi	2	20	4.0	4.0			117		2N3055 matched pair	CØ	TO3
21	2XBD182	15.0	60	NSi	2	20	4.0	4.0			117		BD182 matched pair	CØ	TO3
22	2XBD183	15.0	80	NSi	2	20	3.0	4.0			117		BD183 matched pair	CØ	TO3
23	2XBD184	15.0	100	NSi	2	20	4.0	4.0			117		BD184 matched pair	CØ	TO3

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

SINGLE

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] RESP TIME TYP (s)	INPUT OFFSET [3] VIO MAX (V)	INPUT OFFSET IIO MAX (A)	ΔVIO /ΔT MAX (V /°C)	VICR MIN (V)	VOL A LIMIT (V)	VOH B LIMIT (V)	IO SINK MIN (A)	AV MIN (dB)	STRB CURR MAX (A)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
4♦	HT73						10	5.5	0.0				16.0	3.0		7LM3ZX	CBØ
5♦	7100			10m♦			14	10	10	20m	84		15 ±	240m	07	71LM00ZX	CN20a
6	RM4441D		30nX				20	400m	7.0	15M		1.5m	±15 §	400m	5C	44LM41JX	DL14ae
7	RM4441J		30nX				20	400m	7.0	15M		1.5m	±15 §	400m	5C	44LM41JX	FP6a
8	SN52710		40n	6.0m§	20u	5.0u†	10	1.0	2.5	1.6m	57		18 §	175m	5C	7LM10F	TO89
9	RM710CD		40n	6.5m§			14	1.0	0.0	1.6m	62		28 §	150m	07	7LM10NX	DL14ae
10	RM710CQ		40n	6.5m§			14	1.0	0.0	1.6m	62		28 §	150m	07	7LM10FX	FP2k
11	RM710CT		40n	6.5m§			14	1.0	0.0	1.6m	62		28 §	150m	07	7LM10HX	TO99
12	SN72710		40n	10m§	25u	7.5u†	10	1.0	2.5	1.6m	57		18 §	110m†	07	7LM10F	TO89
13♦	uAF111H	50p			25p		27 †						15 ±	500m	5C	1LM11HX	CN1d
14♦	uAF311H	150p			75p								15 ±	500m	07	1LM11HX	CN1d
15	uAF311T	150p	200n	10m§	75p		27 †				106 †	3.0m	±15 X	189m	07	1LM11HX	8-1a
16♦	CMP81CY	1.2n	100n	3.5m§	240n	1.8u	24	15	15	75m	96		15 ±	500m	28	1LM11NX	DL14af
17♦	LF311D	3.0n	200n	15m§	1.0n		27 †				106 †	3.0m	15 ±	187m	07	1LM11HX	DL14bv
18♦	LF311F	3.0n	200n	15m§	1.0n		27 †				106 †	3.0m	15 ±	187m	07	1LM11HX	FP37
19♦	uAF311DC	3.0n†	200n	15m§	1.0n†		27 †				106 †	3.0m	15 ±	189m	07	1LM11HX	DL14br
20♦	uAF311HC	3.0n†	200n	15m§	1.0n†		27 †				106 †	3.0m	15 ±	189m	07	1LM11HX	CN1d
21♦	AD351J	4.0nL		6.0m♦	100n♦	20u	20	400m	7.0	2.0m	83		15 ±	45m†	5C	3LM51SX	TO100
22♦	AD351K	4.0nL		6.0m♦	100n♦	5.0u	20	400m	7.0	2.0m	83		15 ±	45m†	5C	3LM51SX	TO100
23♦	ICB8000C	5.0nL	200n	35m§	5.0nL	20u†	18	200m†	7.0	2.0m†	83		15 ±	30m†	07	3LM51SX	TO100
24♦	LF111D	7.0n	200n	6.0m§	3.0n		27 †				106 †	3.0m	15 ±	165m	5C	1LM11HX	DL14bv
25♦	LF111F	7.0n	200n	6.0m§	3.0n		27 †				106 †	3.0m	15 ±	165m	5C	1LM11HX	FP37
26♦	LF211D	7.0n	200n	6.0m§	3.0n		27 †				106 †	3.0m	15 ±	165m	28	1LM11HX	DL14bv
27♦	LF211F	7.0n	200n	6.0m§	3.0n		27 †				106 †	3.0m	15 ±	165m	28	1LM11HX	FP37
28♦	uAF111DM	7.0n	200n	6.0m§	3.0n		27 †				106 †	3.0m	15 ±	165m	5C	1LM11HX	DL14br
29♦	uAF111HM	7.0n	200n	6.0m§	3.0n		27 †				106 †	3.0m	15 ±	165m	5C	1LM11HX	CN1d
30♦	CMP03AJ#mil	15n	125n	2.5m§	20n	25u	28				98	3.0m	15 ±	165m	5C	1LM11NX	TO99
31♦	CMP03AY#mil	15n	125n	2.5m§	20n	25u	28				98	3.0m	15 ±	165m	5C	1LM11NX	
32♦	CMP03AZ#mil	15n	125n	2.5m§	20n	25u	28				80 X	3.0m	±15 X	165m	5C	G108C	
33♦	uA710	20n	40n	2.0m§	.75n†								12.0	45m†	5C		CN1g
34♦	MK104CP	20n	6.0u						150m§	10m			5.0	500m	57	1MK04PX	
35♦	M5126T	25n		150m§			4.2		4.9	60m	70		5.0	50m	27	1LM26TX	TO100
36♦	uA710C	25n	40n	5.0m§	1.8n†								12.0	45m†	07		CN1g
37♦	SN72506FA	40n	28n	6.5m§	500n†	20u	10	2.0	5.5	100m	92 †	3.3m	12 ±	326m	07	1LM06FX	FP22
38♦	uA711	75n	40n	3.5m§	.50n†		13.0 ±						12.0	14m†	5C	1LM11MX	C10r
39♦	CMP82EJ	80n	200n	1.4m§	10n	1.5u	24	15	15	75m	100		15 ±	500m	28	1LM11HX	TO99
40	CMP82EY	80n	200n	1.4m§	10n	1.5u	24	15	15	75m	100 X		15 ±	500m	28	1LM11NX	DL14af
41	CMP02EY	80n	270n	1.4m§	6.0n	1.5u†	25	3.2 †	2.4	75m	106		±15 X	153m	07	1LM11NX	DL14q
42♦	uA711C	100n	40n	5.0m§	.50n†		13.0 ±						12.0	14m†	07	1LM11MX	C10r
43	CMP03G#ai	100n♦	125n	1.0m♦	10n♦					75m	80 X	3.0m	±15 X	165m	6F		CH59
44	CMP03N#ai	100n♦	125n	1.0m♦	10n♦					75m	80 X	3.0m	±15 X	165m	6F		CH59
45	uA111DM	100n	200n	3.0m§	10n			28 †	50 †		200 †	3.0m	±15 X	495m	5C	1LM11HX	DL8t
46	CMP02BJ	100n	270n	3.5m§	15n	1.8u†	24	3.4 †	2.4	6.4m	100		±15 X	161m	5c	1LM11HX	TO99
47	CMP02BY	100n	270n	3.5m§	15n	1.8u†	24	3.4 †	2.4	6.4m	100		±15 X	161m	5c	1LM11NX	DL14r
48	CMP02L	120n	160n	1.6m§	12n	1.5u†	25	3.2 †	2.4	75m	106		±15 X	153m	5C	1LM11FX	FP27
49	CMP02Y	120n	270n	1.6m§	12n	1.5u†	25	3.2 †	2.4	75m	106		±15 X	153m	5C	1LM11NX	DL14q
50	CTS111	150n		4.0m§	20n					50m	40 X		±15 X	500m	5C	1LM11HX	TO5
51	CMP03EJ#ai	150n	125n	2.0m§	20n	25u	28				80 X	3.0m	±15 X	165m	28	1LM11NX	TO99
52	CMP03EY#ai	150n	125n	2.0m§	20n	25u	28				80 X	3.0m	±15 X	165m	28	1LM11NX	
53	CMP03EZ#ai	150n	125n	2.0m§	20n	25u	28				80 X	3.0m	±15 X	165m	28	1LM11HX	TO99
54♦	AD111	150n	200n	4.0m§	20n		30	5.0 †	0.0 †	200p†	106	3.0m	15.0 ±	500m	5C		TO99
55	AD111H	150n	200n	4.0m§	20n			50	35		200 X	3.0m	±15 X	500m	5C	1LM11HX	TO99
56♦	AD211	150n	200n	4.0m§	20n		30	5.0 †	0.0 †	200p†	106	3.0m	15.0 ±	500m	28		TO99
57	AD211H	150n	200n	4.0m§	20n			50	35		200 X	3.0m	±15 X	500m	28	1LM11HX	TO99
58	CA111G	150n	200n	4.0m§	20n		28 †	15 †	15 †		106 †	3.0m	±15 X	165m	5C	1LM11HX	DL8ad
59	CA211G	150n	200n	4.0m§	20n		28 †	15 †	15 †		106 †	3.0m	±15 X	165m	28	1LM11HX	DL8ad
60	HA1-2111	150n	200n	4.0m§	20n		28 †	0.0	28 †	8.0m	106 †	3.0m	±15 X	165m	5C	1LM11HX	TO116
61	HA1-2211	150n	200n	4.0m§	20n		28 †	0.0	28 †	8.0m	106 †	3.0m	±15 X	165m	28	1LM11HX	TO116
62	HA2-2111	150n	200n	4.0m§	20n		28 †	0.0	28 †	8.0m	106 †	3.0m	±15 X	165m	5C	1LM11HX	TO99
63	HA2-2211	150n	200n	4.0m§	20n		28 †	0.0	28 †	8.0m	106 †	3.0m	±15 X	165m	28	1LM11HX	TO99
64	LM211DE	150n	200n	4.0m§	20n		28	1.5	35	50m	106	3.0m	±15 X	165m	28	1LM11HX	DL8aa
65	MLM111F	150n	200n	4.0m§	20n		28 †	1.5	750m†		106	3.0m	±15 X	165m	5C	1LM11FX	TO91
66	MLM111L	150n	200n	4.0m§	20n		28 †	1.5	750m†		106	3.0m	±15 X	165m	5C	1LM11NX	TO116
67	MLM211F	150n	200n	4.0m§	20n		28 †	1.5	750m†		106	3.0m	±15 X	165m	28	1LM11FX	TO91
68	MLM211L	150n	200n	4.0m§	20n		28 †	1.5	750m†		106	3.0m	±15 X	165m	28	1LM11NX	TO116
69	MT111	150n	200n	4.0m§	20n		28 †				106 †	3.0m	±15 X	132m	5C	1LM11HX	CN1c
70	MT211	150n	200n	4.0m§	20n		28 †				106 †	3.0m	±15 X	132m	28	1LM11HX	CN1c
71	PM111J	150n	200n	4.0m§	20n		28				40 X	3.0m	±15 X	165m	5C	1LM11NX	TO99
72	PM111Y	150n	200n	4.0m§	20n		28				40 X	3.0m	±15 X	165m	5C	1LM11NX	TO99
73	PM111Z	150n	200n	4.0m§	20n		28				40 X	3.0m	±15 X	165m	5C	1LM11HX	TO99
74	PM211J	150n	200n	4.0m§	20n		28				40 X	3.0m	±15 X	165m	28	1LM11NX	TO99
75	PM211Y	150n	200n	4.0m§	20n		28				40 X	3.0m	±15 X	165m	28	1LM11NX	TO99
76	PM211Z	150n	200n	4.0m§	20n		28				40 X	3.0m	±15 X	165m	28	1LM11HX	TO99
77	SG111M	150n	200n	4.0m§	20n		13 ±				92		15.0 ±	500m†	28	1LM11HX	DL8h
78	SG211M	150n	200n	4.0m§	20n		14 ±		1.5	50m	106 †	3.0m	15 ±	165m	28	1LM11HX	DL8h
79	uA734DM	150n	200n	4.0m§	20n	15u	20	400m	7.0	3.2m	91		±15 X	105m	5C	7LM34HX	DL14br
80	uA734HM	150n	200n	4.0m§	20n	15u	20	400m	7.0	3.2m	91		±15 X	105m	5C	7LM34HX	TO100
81	uA734DC	150n	200n	7.5m§	45n	20u	20	400m	7.0	3.2m	91		±15 X	105m	07	7LM34HX	DL14br
82	uA734HC	150n	200n	7.5m§	45n	20u	20	400m	7.0	3.2m	91		±15 X	105m	07	7LM34HX	TO100
83	CA111S	150n	200m	4.0m§	20n		28 †	15 †	15 †		106 †	3.0m	±15 X	165m	5C	1LM11HX	CN46
84	CA111T	150n	200m	4.0m§	20n		28 †	15 †	15 †		106 †	3.0m	±15 X	165m	5C	1LM11HX	MO002AL
85	CA211S	150n	200m	4.0m§	20n		28 †	15 †	15 †		106 †	3.0m	±15 X	165m	28	1LM11HX	CN46
86	CA211T	150n	200m	4.0m§	20n		28 †	15 †	15 †		106 †	3.0m	±15 X	165m	28	1LM11HX	MO002AL
87♦	CMP02BZ#mil	160n	190n	4.3m§	25n	1.8u†	25		2.4		100 X		15.0 ±	161m	5C	1LM11HX	DL8j
88	CMP82CJ	160n	200n	3.5m§	75n	1.8u	24	15	15	75m	70 X		15 ±	500m	28	1LM11HX	TO99
89	CMP82CY	160n	200n	3.5m§	75n	1.8u	24	15	15	75m	70 X		15 ±	500m	28	1LM11NX	DL14af
90	CMP02CY	160n	270n	3.5m§	25n	1.8u†	25	3.4 †	2.4	75m	100		±15 X	161m	07	1LM11NX	DL14q
91	PM311Z#ai	250n	200n	7.5m§	50n		28				40 X	3.0m	±15 X	188m	07	1LM11HX	
92	SN72311FA	300n	115n	10m§	70n		28 †	1.5	35 †	50m	126 †	3.0m	±15 X	187m	07	1LM11HX	FP2t
93♦	AD311#1	300n	200n	10m§	70n		30	5.0 †	0.0 †	200p†	106	3.0m	±15 X	500m	07		TO99
94♦	AD311#2	300n	200n	10m§	70n		30	5.0 †	0.0 †	200p†	106	3.0m	±15 X	500m	07		DL8g
95	AD311D	300n	200n	10m§	70n			50	35		200 X	3.0m	±15 X	500m	07	1LM11HX	DL8g
96	AD311H	300n	200n	10m§	70n			50	35		200 X	3.0m	±15 X	500m	07	1LM11HX	TO99
97	CA311G	300n	200n	10m§	70n		28 †	15 †	15 †		106 †	3.0m	±15 X	187m	07	1LM11HX	DL8ad
98	CA311H	300n	200n	10m§	70n		28 †	15 †	15 †		106 †	3.0m	±15 X	187m	07	1LM11HX	CH35
99	HA1-2311	300n	200n.	10m§	70n		28 †	0.0	28 †	8.0m	106 †	3.0m	±15 X	187m	07	1LM11HX	TO116
100	HA2-2311	300n	200n	10m§	70n		28 †	0.0	28 †	8.0m	106 †	3.0m	±15 X	187m	07	1LM11HX	TO99
101	MLM311F	300n	200n	10m§	70n		28 †	1.5	750m†		106	3.0m	±15 X	187m	07	1LM11FX	TO91
102	MLM311L	300n	200n	10m§	70n		28 †	1.5	750m†		106	3.0m	±15 X	187m	07	1LM11NX	TO116
103	MLM311P1	300n	200n	10m§	70n		28 †	1.5	750m†		106	3.0m	±15 X	187m	07	1LM11HX	DL8e
104	SG311M	300n	200n	10m§	70n		14 ±		1.5	50m	106 †	3.0m	15 ±	225m	07	1LM11HX	DL8h
105	uA111RM	300n	200n	10m§	70n	6.0m	28	400m	28	8.0m	106	3.0m	±15 X	165m	5C	1LM11HX	DL14br
106	uA311RC	300n	200n	10m§	70n		28 †			8.0m	86 †	3.0m	±15 X	187m	07	1LM11HX	DL8af
107♦	TL331IL	300n	1.3u	9.0m§	100n		3.5	500	36 -	20m	106 †		5.0 §	4.0m	28	3TL31GX	CN1k
108♦	TL331ML	300n	1.3u	9.0m§	100n		3.5	500	36 -	20m	106 †		5.0 §	4.0m	5C	3TL31GX	CN1k
109♦	TL331CL	400n	1.3u	9.0m§	150n		3.5	500	36 -	20m	106 †		5.0 §	4.0m	07	3TL31GX	CN1k
110	ICB8001C	500n	200n	6.0m§	250n	3.0u†	20	200m†	7.0	2.0m†	83		±15 X	30m†	07	3LM51SX	TO100

IN ORDER OF (1) IIB (2) RESP TIME TYP (3) VIO MAX (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] RESP TIME TYP (s)	INPUT OFFSET [3] VIO MAX (V)	INPUT OFFSET IIO MAX (A)	ΔVIO/ΔT MAX (V/°C)	VICR MIN (V)	VOL A LIMIT (V)	VOH B LIMIT (V)	IO SINK MIN (A)	AV MIN (dB)	STRB CURR MAX (A)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP - / CODE +	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	AD351S	750n		6.0m♦	100n♦	10u	20	400m	7.0	2.0m	83		±15 X	45m†	5C	3LM51SX	TO100
2	CMP81EY	950n	100n	1.4m§	75n	1.5u	24	15	15	75m	100 X		15 ±	500m	28	1LM11NX	DL14af
3	5501	1.0u	1.0u	1.0m§	400n	10u	14	10	10	25m	80		±15 X	240m	07	55LM01ZX	CN20a
4♦	5233	1.0u	3.0u	10m§	10u	20u	10	200m	1.5	5.0m	50		15.0 ±	1.0m	26		
5♦	5372A	1.0u	15u	10m§	1.0u	20u	20	0.0	10	2.0m	80		15.0 ±	450m	26		
6♦	5378	1.0u	15u	10m§	300n	10u	20	0.0	10	5.0m	90		15.0 ±	90m	27		
7♦	5385	1.0u	100u	10m§	1.0u	10u	6.0	0.0	2.0	1.0m	60		15.0 ±	300m	27		
8♦	CMP01BZ#mil	1.2u	110n	4.3m§	120n	1.8u†	24		2.4		100 X		±15 X	161m	5C	1LM11HX	DL8j
9	CMP01L	1.4u	90n	2.8m§	80n	1.0u†	25	3.2 †	2.4	75m	106		±15 X	153m	5C	1LM11FX	FP27
10♦	L132AL	4.0u	100n	10m§	100n		10	400m	2.4	16m		1.6m	26	750m	5C		TO86
11♦	L132AP	4.0u	100n	10m§	100n		10	400m	2.4	16m		1.6m	26	750m	5C		TO116
12♦	LM160CH	10u	15n	2.0m§	2.0u						70		5.0 ±		07		CN10e
13♦	LM161CH	10u	15n	2.0m§	2.0u						70	50u	5.0 ±		07		CN10e
14♦	SL717A	15u	10n	3.0m§	4.0u		11 †	2.2 †	790m-		69		21 §	630m	07	7SL17AX	CN27b
15	LM160D	20u	12n	5.0m§	3.0u	8.0u†	8.0	400m	2.4				10	240m	5C	1LM60HX	DL14bv
16	LM160F	20u	12n	5.0m§	3.0u	8.0u†	8.0	400m	2.4				10	240m	5C	1LM60HX	FP29a
17	LM160J-14	20u	12n	5.0m§	3.0u	8.0u†	8.0	400m	2.4		70 †		10	240m	5C	1LM60HX	DL14bf
18	LM260D	20u	12n	5.0m§	3.0u	8.0u†	8.0	400m	2.4				10	240m	28	1LM60HX	DL14bv
19	LM260J-14	20u	12n	5.0m§	3.0u	8.0u†	8.0	400m	2.4		70 †		10	240m	28	1LM60HX	DL14bf
20	LM360D	20u	12n	5.0m§	3.0u	8.0u†	8.0	400m	2.4				10	240m	07	1LM60HX	DL14bv
21	LM360J-14	20u	12n	5.0m§	3.0u	8.0u†	8.0	400m	2.4		70 †		10	240m	07	1LM60HX	DL14bf
22	LM360N8	20u	12n	5.0m§	3.0u	8.0u†	8.0	400m	2.4				10	240m	07	1LM60HX	DL8ah
23	LM529H	20u	14n§	3.0m§	3.0u		12			20m	70	1.6m	32 X	140m	5C		CN10e
24	LM760CD	20u	14n	5.0m§	3.0u	8.0u	8.0	250m†	2.4	20m	70		16 X	312m	07		DL14aj
25	LM760D	20u	14n	5.0m§	3.0u	8.0u	8.0	250m†	2.4	20m	70		16 X	312m	5C		DL14aj
26	LM760F	20u	14n	5.0m§	3.0u	8.0u	8.0	250m†	2.4	20m	70		16 X	312m	5C		FP6j
27	LM760H	20u	14n	5.0m§	3.0u	8.0u	8.0	250m†	2.4	20m	70		16 X	312m	5C		TO99
28	RM106BL	20u	28n	3.0m§	7.0u	10u	10		2.5		92 †	3.2m	±15 X	600m	5C	1LM06HX	CH27
29	MCB1710F	20u♦	40n	2.0m♦		11u§	14	0.0	2.5	2.0m			18 X	150m	5C	7LM10FX	TO91
30	MCBC1710	20u♦	40n	2.0m♦		11u§	14	0.0	2.5	2.0m			18 X	150m	5C	7LM10FX	CH22
31	MCC1710	20u♦	40n	2.0m♦		3.0u†	14	1.0	2.5	2.0m			18 §	150m	5C	7LM10NX	CH10
32	SG710T	20u♦	40n	3.0m§	3.0u♦	10u§	10	1.0	2.5	2.0m	61		18 §	150m	5C	7LM10H	TO99
33	SG710J	20u♦	60n	3.0m§	3.0u♦	40u§	10	1.0	2.5	2.0m	61		18 §	150m	5C	7LM10NX	TO116
34	RC106BL	25u	28n	6.5m§	7.5u	20u	10		2.5		92 †	3.2m	±15 X	600m	07	1LM06HX	CH27
35	SN52510N	25u	30n	3.0m§	7.0u	10u	10	0.0	2.5	2.0m	82	2.5m	18 §	150m	5C	5LM10JX	DL14x
36	SN52510P	25u	30n	3.0m§	7.0u	10u	10	0.0	2.5	2.0m	82	2.5m	18 §	150m	5C	5LM10JX	DL8n
37	SN52810FA	25uL	30n	3.0m§	3.0uL	10u	10	1.0	2.5	5.0m	82		18 §	150m	5C	8LM10HX	FP2t
38	SN52810N	25u	30n	3.0m§	7.0u	10u	10	0.0	2.5	2.0m	82		18 §	150m	5C	8LM10HX	DL14x
39	SN52810P	25u	30n	3.0m§	7.0u	10u	10	0.0	2.5	2.0m	82		18 §	150m	5C	8LM10HX	DL8n
40♦	TL510ML	25u	30n	3.0m§	7.0u	10u	10	1.0	2.5		81	2.5m	18 §	150m	5C	5LM10HX	CN1k
41	TL810ML	25u	30n	3.0m§	7.0u	10u	10	1.0	2.5	2.0m	81		18 §	150m	5C	8LM10HX	CN1k
42	MCC1710C	25u♦	40n	5.0m♦		3.0u†	14	1.0	2.5	2.0m			18 §	150m	5C	7LM10NX	CH10
43	RC710DB	25u♦	40n	5.0m♦	5.0u♦	20u	10	1.0	2.5	1.6m	60		18 §	150m	07	7LM10NX	DL14au
44	RC710Q	25u♦	40n	5.0m♦	5.0u♦	20u	10	1.0	2.5	1.6m	60		18 §	150m	07	7LM10F	FP2z
45	SG710BN	25u♦	40n	5.0m♦	5.0u♦	20u§	10	1.0	2.5	1.6m	60		18 §	150m	5C	7LM10NX	DL14u
46	uA710CJ	25u♦	40n	5.0m♦	5.0u♦	20u				1.6m	60		18 §	150m	07	7LM10NX	DL14ah
47	uA710CJG	25u♦	40n	5.0m♦	5.0u♦	20u				1.6m	60		18 §	150m	07	7LM10HX	DL8v
48	uA710CL	25u♦	40n	5.0m♦	5.0u♦	20u				1.6m	60		18 §	150m	07	7LM10HX	CN1k
49	uA710CP	25u♦	40n	5.0m♦	5.0u♦	20u				1.6m	60		18 §	150m	07	7LM10HX	DL8p
50	uA710PC☒	25u	40n	5.0m§	5.0u			1.0	2.5	1.6	1.0 Y		18 §	670m	07	7LM10NX	DL14ce
51	RM710ABL	28u	40n	1.5m§	5.0u	5.0u	10	1.0	2.5	2.0m	63		18 §	150m	5C	7LM10NX	CH30
52	RM710ADC	28u	40n	1.5m§	5.0u	5.0u	10	1.0	2.5	2.0m	63		18 §	150m	5C	7LM10NX	DL14av
53	RM710AQ	28u	40n	1.5m§	5.0u	5.0u	10	1.0	2.5	2.0m	63		18 §	150m	5C	7LM10F	FP2z
54	RM710AT	28u	40n	1.5m§	5.0u	5.0u	10	1.0	2.5	2.0m	63		18 §	150m	5C	7LM10H	TO99
55	SG710AT	28u	40n	1.5m§	5.0u	5.0u§	10	1.0	2.5	2.0m	63		18 §	150m	5C	7LM10H	TO99
56	NE518GΔ	28u†	40uX	1.0m†	10u♦	13u	10	1.2	5.0	2.8m†	64	1.9m	9.0 §	225m	07	5NE18GX	TO91
57	NE518KΔ	28u†	40uX	1.0m†	10u♦	13u	10	1.2	5.0	2.8m†	64	1.9m	9.0 §	225m	07	5NE18GX	TO100
58	SE518GΔ	28u†	40uX	1.0m†	10u♦	13u	10	1.2	5.0	2.8m†	64	1.9m	9.0 §	225m	5C	5NE18GX	TO91
59	SE518KΔ	28u†	40uX	1.0m†	10u♦	13u	10	1.2	5.0	2.8m†	64	1.9m	9.0 §	225m	5C	5NE18GX	TO100
60♦	MB4002K	30u♦	15n	6.5m§	5.0u♦			250m	2.8		60		18.0	210m	07	40MB02KX	TO78
61	SN72510FA	30uL	30n	4.5m§	7.5uL	20u	10	1.0	5.0	5.0m	80	2.5m	18 §	150m	07	5LM10JX	FP2t
62	SN72810FA	30uL	30n	4.5m§	7.5uL	20u	10	1.0	2.5	5.0m	80		18 §	150m	07	8LM10HX	FP2t
63♦	TL510CL	30u	30n	4.5m§	7.5u	20u	10	1.0	2.5		80	2.5m	18 §	150m	07	5LM10HX	CN1k
64	TL510CU	30u	30n	4.5m§	7.5u	20u	10	1.0	2.5		80	2.5m	18 §	150m	07	5LM10FX	MO004AE
65	TL810CL	30u	30n	4.5m§	7.5u	20u	10	1.0	2.5	1.6m	80		18 §	150m	07	8LM10HX	CN1k
66♦	MB4001K	35u	40n	6.5m§	1.0u†	7.5u†		200m	2.5	1.6m	56		18.0	150m	07	40MB01KX	TO78
67	NE526G	35u	17 X	5.0m§	5.0u		7.4 X	400m	2.8	16m	70 †		10 X	120m	07	5NE26GX	TO91
68	SE526G	35u	17 X	5.0m§	5.0u		7.4 X	400m	2.8	16m	70 †		10 X	120m	5C	5NE26GX	TO91
69	TL1710C	40uL		6.5m§	7.5u	20u	10	1.0	2.5	1.6m	60		18 §	150m	07	7LM10HX	TO99
70	TL3710C	40uL		6.5m§	7.5u	20u	10	1.0	2.5	1.6m	60		18 §	150m	07	7LM10NX	DL14w
71	LM306L	40u	28n	6.5m§	7.5u	20u	10	400m	5.5	16m	92 †	3.2m	±12 X	163m	07	1LM06HX	CN1k
72	SN72306FA	40u	28n	6.5m§	500n†	20u	10				92 †	3.3m	±12 X	163m	07	1LM06FX	FP22
73♦	710-9-6E	40u	40n	6.5m§	7.5u	20u	10	0.0	2.5	1.6m	60		12.0	150m	07		DL14t
74	710CE	40u	40n	6.5m§	7.5u	20u	10	1.0	2.5	500u	60		18 §	150m	07	7LM10H	TO99
75	710CH	40u	40n	6.5m§	7.5u	20u	10	0.0	2.5	1.6m	60		18 §	150m	07	7LM10F	FP5
76	710CJ	40u	40n	6.5m§	7.5u	20u	10	1.0	2.5	500u	60		18 §	150m	07	7LM10HX	DL8b
77	710CL	40u	40n	6.5m§	7.5u	20u	10	1.0	2.5	500u	60		18 §	150m	07	7LM10NX	TO116
78	710CP	40u	40n	6.5m§	7.5u	20u	10	1.0	2.5	500u	60		18 §	150m	07	7LM10HX	DL8af
79	AMLM306	40u	40n	6.5m§	7.5u	20u	10	400m	2.5	100m	92 †	3.3m	±12 X	163m	07	1LM06HX	TO99
80	LA306H	40u	40n	6.5m§	7.5uL	20u	10	0.0	2.5	100m	92 †	3.3m	±12 X	163m	07	1LM06HX	CN1c
81	LA710CH	40u	40n	6.5m§	7.5u	20u	10	0.0	2.5	1.7m	60		18 §	170m	07	7LM10H	CN1c
82	LA710CN	40u	40n	6.5m§	7.5u	20u	10	0.0	2.5	1.7m	60		18 §	170m	07	7LM10N	DL14t
83	LM306	40u	40n	6.5m§	7.5u	20u	10	0.0	2.5	100m	92 †	3.3m	±12 X	162m	07	1LM06HX	CN1c
84	LM710CF	40u	40n	6.5m§	7.5u	20u	10	0.0	2.5	1.7m	60		18 §	170m	07	7LM10F	FP2n
85	MC1710CF	40u	40n	6.5m§	7.5u	5.0u†	10	1.0	2.5	1.6m	60		18 §	150m	07	7LM10F	TO91
86	MC1710CG	40u	40n	6.5m§	7.5u	5.0u†	5.0 ±	1.0	2.5	1.6m	60		12.0	150m	07	7LM10H	CN1k
87	MC1710CL	40u	40n	6.5m§	7.5u	5.0u†	5.0 ±	1.0	2.5	1.6m	60		12.0	150m	07	7LM10N	TO116
88	MC1710CP	40u	40n	6.5m§	7.5u	5.0u†	5.0 ±	1.0	2.5	1.6m	60		12.0	150m	07	7LM10N	DL14az
89	MT206	40u	40n	6.5m§	7.5uL	20u	10		2.5		92 †	3.3m	±12 X	163m	07	1LM06HX	CN1c
90	MT710C	40uL	40n	6.5m§	7.5u	20u	10	1.0	2.5	1.6m	60		18 §	170m	07	7LM10HX	CN1c
91	RC710BL	40u	40n	6.5m§	7.5u	20u	10	1.0	2.5	1.6m	60		18 §	150m	07	7LM10FX	CH30
92	RC710DN	40u	40n	6.5m§	7.5u	20u	10	1.0	2.5	1.6m	60		18 §	150m	07	7LM10HX	DL8a
93	RC710DP	40u	40n	6.5m§	7.5u	20u	10	1.0	2.5	1.6m	60		18 §	150m	07	7LM10NX	DL14ae
94	RM710BD	40u	40n	6.5m§	7.5u	20u	10	1.0	2.5	1.6m	60		18 §	150m	5C	7LM10N	DL14ae
95	RM710BQ	40u	40n	6.5m§	7.5u	20u	10	1.0	2.5	1.6m	60		18 §	150m	5C	7LM10F	FP2k
96	RM710BT	40u	40n	6.5m§	7.5u	20u	10	1.0	2.5	1.6m	60		18 §	150m	5C	7LM10H	TO99
97	SFC2306	40u	40n	6.5m§	7.5u	20u	10		2.5		90	3.3m	18 §	142m	07	1LM06HX	TO99
98	SFC2710E	40u	40n	6.5m§	7.5u	20u	10	0.0	2.5	1.6m	60		18 X	150m	07	7LM10NX	TO116
99	SFC2710PC	40uL	40n	6.5m§	7.5u	20u	10	0.0	2.5	1.6m	60		18 §	150m	07	7LM10HX	TO91
100	SG710CJ	40u	40n	6.5m§	5.0u♦	20u§	10	1.0	2.5	1.6m	60		18 §	150m	07	7LM10NX	TO116
101	SG710CN	40u	40n	6.5m§	5.0u♦	20u§	10	1.0	2.5	1.6m	60		18 §	150m	07	7LM10N	DL14u
102	SG710CT	40u	40n	6.5m§	5.0u♦	20u§	10	1.0	2.5	1.6m	60		18 §	150m	07	7LM10N	TO99
103	M51710T	40u	100n	6.5m§	7.5u	20u	10	1.0	2.5	1.6m	60		18 §	150m	27	7LM10H	TO78
104	LA710CF	40u	40u	6.5m§	7.5u	20u	10	0.0	2.5	1.7m	60		18 §	170m	07	7LM10FX	FP2
105	LA710CG	40u	40u	6.5m§	7.5u	20u	10	0.0	2.5	1.7m	60		18 §	174m	07	7LM10HX	CN1c
106	MIC710-5B	40u	40u	6.5m§	7.5u	20u	10	0.0	2.5	1.6m	60		18 §	150m	07	7LM10F	FP2b
107	MIC710-5C	40u	40u	6.5m§	7.5u	20u	10	0.0	2.5	1.6m	60		18 §	150m	07	7LM10H	CN1a
108	PA7710-39	40u	40u	6.5m§	7.5u	20u	10	0.0	2.5	1.6m	60		18 §	150m	07	7LM10HX	CN1
109	PL7710-39	40u	40u	6.5m§	7.5u	20u	10	0.0	2.5	1.6m	60		18 §	150m	07	7LM10F	FP2c
110	T1710J	40u	40u	6.5m§	7.5u	20u	10	0.0	2.5	1.6m	60		18 §	150m	07	7LM10NX	TO116

14. VOLTAGE COMPARATORS – Single (cont'd)

IN ORDER OF (1) IIB (2) RESP TIME TYP (3) VIO MAX (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] RESP TIME TYP (s)	INPUT OFFSET [3] VIO MAX (V)	INPUT OFFSET IIO MAX (A)	ΔVIO/ΔT MAX (V/°C)	VICR MIN (V)	VOL A LIMIT (V)	VOH B LIMIT (V)	IO SINK MIN (A)	AV MIN (dB)	STRB CURR MAX (A)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE (- +)	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	T2710F	40u	40u	6.5m§	7.5u	20u	10	0.0	2.5	1.6m	60		18 §	150m	07	7LM10FX	TO91
2	T2710J	40u	40u	6.5m§	7.5u	20u	10	0.0	2.5	1.6m	60		18 §	150m	07	7LM10NX	TO116
3	T2710V	40u	40u	6.5m§	7.5u	20u	10	0.0	2.5	1.6m	60		18 §	150m	07	7LM10HX	TO99
4	TDC2710	40u	40u	6.5m§	7.5u	20u	10	0.0	2.5	1.6m	60		18 §	150m	07	7LM10HX	TO79
5♦	710-9-36	40u	40	6.5m§	7.5u	20u	10	0.0	2.5	1.6m	60		12.0	150m	07		TO91
6	TDC2710E	40u	40	6.5m§	7.5u	20u	10	0.0	2.5	1.6m	60		18 §	150m	07	7LM10NX	TO116
7	LM106F883	45u		3.0m§	7.0u	10u	10		2.5 †			3.3m	±12 X	160m	5C		FP6f
8♦	MT106-883	45u		3.0m§	7.0uL	10u	10		2.5 †			3.3m	12.0 ±	163m	5C		CN1c
9	TL1710	45uL		3.0m§	3.0u♦	10u	10	1.0	2.5	2.0m	61		18 §	150m	5C	7LM10HX	TO99
10	LM106L	45u	28n	3.0m§	7.0u	10u	10	400m	5.5	16m	92 †	3.2m	±12 X	163m	5C	1LM06HX	CN1k
11	LM206L	45u	28n	3.0m§	7.0u	10u	10	400m	5.5	16m	92 †	3.2m	±12 X	163m	28	1LM06HX	CN1k
12	710BE	45u	40n	3.0m§	7.0u	10u	10	1.0	2.5	1.0m	61		18 §	150m	5C	7LM10H	TO99
13	710BH	45u	40n	3.0m§	7.0u	10u	10	1.0	2.5	1.0m	61		18 §	150m	5C	7LM10NX	TO91
14	710BL	45u	40n	3.0m§	7.0u	10u	10	1.0	2.5	1.0m	61		18 §	150m	5C	7LM10NX	TO116
15	AMLM106	45u	40n	3.0m§	7.0u	10u	10	400m	2.5	100m	92 †	3.3m	±12 X	163m	5C	1LM06HX	TO99
16	AMLM106F	45u	40n	3.0m§	7.0u	10u	10	400m	2.5	100m	92 †	3.3m	±12 X	163m	5C	1LM06FX	FP29
17	AMLM206	45u	40n	3.0m§	7.0u	10u	10	400m	2.5	100m	92 †	3.3m	±12 X	163m	28	1LM06HX	TO99
18	LA106H	45u	40n	3.0m§	7.0u	10u†			2.5	16m	92 †	3.3m	±12 X	163m	5C	1LM06HX	CN1c
19	LA206H	45u	40n	3.0m§	7.0u♦	10u	10	0.0	2.5	100m	92 †	3.3m	±12 X	163m	28	1LM06HX	CN1c
20	LA710AF	45uL	40n	3.0m§	7.0uL	10u	10	0.0	2.5	2.0m	62		18 §	160m	5C	7LM10F	FP2
21	LA710AH	45uL	40n	3.0m§	7.0uL	10u	10	0.0	2.5	2.0m	62		18 §	160m	5C	7LM10H	CN1c
22	LA710F	45uL	40n	3.0m§	7.0uL	10u	10	0.0	2.5	2.0m	62		18 §	150m	5C	7LM10F	FP2e
23	LA710H	45uL	40n	3.0m§	7.0uL	10u	10	0.0	2.5	2.0m	62		18 §	150m	5C	7LM10H	TO99
24	LM106F	45u	40n	3.0m§	7.0u	10u	10	5.5	2.5	16m	84	3.2m	±12 X	163m	5C	1LM06FX	FP29a
25	LM206	45u	40n	3.0m§	7.0u	10u	10		2.5		92 †	3.3m	±12 X	162m	28	1LM06HX	CN1c
26	MC1710F	45u	40n	3.0m§	7.0u	3.0u†	10	1.0	2.5	2.0m	62		18 §	150m	5C	7LM10F	TO91
27	MC1710G	45u	40n	3.0m§	7.0u	3.0u†	5.0 ±	1.0	2.5	2.0m	62		12.0	150m	5C	7LM10H	CN1k
28	MC1710L	45u	40n	3.0m§	7.0u	3.0u†	5.0 ±	1.0	2.5	2.0m	62		12.0	150m	5C	7LM10N	TO116
29	MT106	45u	40n	3.0m§	7.0uL	10u	10		2.5		92 †	3.3m	±12 X	163m	5C	1LM06HX	CN1c
30	MT306	45u	40n	3.0m§	7.0uL	10u	10		2.5		92 †	3.3m	±12 X	163m	28	1LM06HX	CN1c
31	MT710	45uL	40n	3.0m§	7.0uL	10u	10	1.0	2.5	2.0m	61		21 §	150m	5C	7LM10HX	CN1c
32	MT710A	45uL	40n	3.0m§	7.0uL	10u	10	1.0	2.5	2.0m	61		18 §	160m	5C	7LM10HX	CN1c
33	RM710BL	45u	40n	3.0m§	7.0u	10u	10	1.0	2.5	2.0m	62		18 §	150m	5C	7LM10NX	CH30
34	RM710Q	45u	40n	3.0m§	7.0u	10u	10	1.0	2.5	2.0m	62		18 §	150m	5C	7LM10F	FP2z
35	SFC2106M	45u	40n	3.0m§	7.0u	10u	10		2.5		90	3.3m	18 §	142m	5C	1LM06HX	TO99
36	SFC2206	45u	40n	3.0m§	7.5u	10u	10		2.5		90	3.3m	18 §	142m	28	1LM06HX	TO99
37	SG710N	45u	40n	3.0m§	7.0u	10u§	10	1.0	2.5	2.0m	60		18 §	150m	5C	7LM10NX	DL14u
38	SG710BT	45u	40n	6.5m§	7.5u	20u§	10	1.0	2.5	1.6m	60		18 §	150m	5C	7LM10HX	TO99
39	LA710AG	45u	40u	2.0m§	7.0u	10u	10	0.0	2.5	2.0m	62		18 §	174m	5C	7LM10HX	CN1c
40	710-1-3H	45u	40u	3.0m§	7.0u	10u	10	0.0	2.5	2.0m	62		18 §	150m	5C	7LM10F	FP2d
41	LM710AF	45u	40u	3.0m§	3.0u	10u	10	0.0	2.5	2.0m	62		18 §	160m	5C	7LM10FX	FP2
42	LM710AH	45u	40u	3.0m§	3.0u	10u	10	0.0	2.5	2.0m	62		18 §	160m	5C	7LM10HX	CN1c
43	MIC710-1B	45u	40u	3.0m§	7.0u	10u	10	0.0	2.5	2.0m	62		18 §	150m	5C	7LM10F	FP2b
44	MIC710-1C	45u	40u	3.0m§	7.0u	10u	10	0.0	2.5	2.0m	62		18 §	150m	5C	7LM10H	CN1a
45	PA7710-31	45u	40u	3.0m§	7.0u	10u	10	0.0	2.5	2.0m	62		18 §	150m	5C	7LM10F	FP2c
46	PL7710-31	45u	40u	3.0m§	7.0u	10u	10	0.0	2.5	2.0m	62		18 §	150m	5C	7LM10H	CN1
47	S5710G	45u	40u	3.0m§	7.0u	10u	10	0.0	2.5	2.0m	80		18 §	150m	5C	7LM10F	TO91
48	T1710F	45u	40u	3.0m§	7.0u	10u	10	0.0	2.5	2.0m	62		18 §	150m	5C	7LM10FX	TO91
49	T1710V	45u	40u	3.0m§	7.0u	10u	10	0.0	2.5	2.0m	62		18 §	150m	5C	7LM10HX	TO99
50	TDC1710	45u	40u	3.0m§	7.0u	10u	10	0.0	2.5	2.0m	62		18 §	150m	5C	7LM10HX	TO79
51	uA710-3H	45u	40u	3.0m§	7.0u	10u	10	0.0	2.5	2.0m	62		18 §	150m	5C	7LM10FX	FP2e
52♦	710-1-36	45u	40	3.0m§	7.0u	10u	10	0.0	2.5	2.0m	62		14.0	150m	5C		TO91
53	uA760PC	60u	30n	6.0m§	7.5u			.40	2.5				5.0 ±	670m	07	7LM60PX	DL14ce
54	SE518A	70u	50uX	4.0m§	12u		10	1.2	4.9	2.2m	64	4.6m	9.0 §	225m	5C	5NE18GX	TO116
55	SE518G%	70u	50uX	4.0m§	12u		10	1.2	4.9	2.2m	64	4.6m	9.0 §	225m	5C	5NE18GX	TO91
56	SE518K%	70u	50uX	4.0m§	12u		10	1.2	4.9	2.2m	64	4.6m	9.0 §	225m	5C	5NE18GX	TO100
57	NE518A	70u	60uX	1.0m§	12u		10	1.2	4.8	2.2	63	4.7m	9.0 §	243m	07	5NE18GX	TO116
58	NE518G%	70u	60uX	1.0m§	12u		10	1.2	4.8	2.2	63	4.7m	9.0 §	243m	07	5NE18GX	TO91
59	NE518K%	70u	60uX	1.0m§	12u		10	1.2	4.8	2.2	63	4.7m	9.0 §	243m	07	5NE18GX	TO100
60♦	SFC2524EC	75u			500n								14.0	135m	07		DL16x
61♦	SFC2524KM	75u			500n								14.0	135m	5C		DL16x
62♦	SFC2525EC	75u			500n								14.0	135m	07		DL16x
63♦	SFC2525KM	75u			500n								14.0	135m	5C		DL16x
64♦	SFC2528EC	75u			500n								14.0	135m	07		DL16x
65♦	SFC2528KM	75u			500n								14.0	135m	5C		DL16x
66♦	SFC2529EC	75u			500n								14.0	135m	07		DL16x
67♦	SFC2529KM	75u			500n								14.0	135m	5C		DL16x
68♦	T1225F	75u	60n	3.5m§	10u	10u	10	0.0	2.5	10m	80	1.5m	18.0	300m	5C		TO91
69♦	T1225J	75u	60n	3.5m§	10u	10u	10	0.0	2.5	10m	80	1.5m	18.0	300m	5C		TO116
70♦	T1225V	75u	60n	3.5m§	10u	10u	10	0.0	2.5	10m	80	1.5m	18.0	300m	5C		TO100
71♦	T2225F	75u	60n	3.5m§	10u	10u	10	0.0	2.5	10m	80	1.5m	18.0	300m	07		TO91
72♦	T2225J	75u	60n	3.5m§	10u	10u	10	0.0	25	10m	80	1.5m	18.0	300m	07		TO116
73♦	T2225V	75u	60n	3.5m§	10u	10u	10	0.0	25	10m	80	1.5m	18.0	300m	07		TO100
74	uA710B-3F	80u	40u	7.5m§	15u	20u	10	0.0	2.5	1.6m	60		18 §	150m	5C	7LM10FX	TO91
75	SN52710BF	80u	70u	7.5m§	7.5u	20u	10	0.0	2.5	1.6m	60		18 §	150m	07	7LM10F	TO89
76	SN52710BL	80u	70u	7.5m§	7.5u	20u	10	0.0	2.5	1.6m	60		18 §	150m	07	7LM10H	CN1
77	SN52710BN	80u	70u	7.5m§	7.5u	20u	10	0.0	2.5	1.6m	60		18 §	150m	07	7LM10N	DL14t
78♦	T3225F	100u	100n	5.0m§	15u	20u	10	0.0	2.5	10m	73	1.5m	18.0	300m	07		TO91
79♦	T3225J	100u	100n	5.0m§	15u	20u	10	0.0	2.5	10m	73	1.5m	18.0	300m	07		TO116
80♦	T3225V	100u	100n	5.0m§	15u	20u	10	0.0	2.5	10m	73	1.5m	18.0	300m	07		TO100
81♦	RM711BL	150u	40n	6.0m§	20u	20u	13.0 ±	1.0	2.5	680u	58	2.5m	12.0	180m	5C	1LM11MX	CH29
82♦	SG711J	150u	40n	6.0m§	20u	10u§	13.0 ±	1.0	2.5	500u	57	2.5m	12.0	150m	5C	1LM11MX	TO116
83	SN52710FA	150u	40n	6.0m§	20u	5.0u†	10	1.0	2.5	5.0m	56		18 §	175m	5C	7LM10FX	FP2t
84	SN52710N	150u	40n	6.0m§	20u	5.0u†	10	1.0	2.5	1.6m	57		18 §	175m	5C	7LM10N	DL14x
85	TL710ML	150u	40n	6.0m§	20u	5.0u†	10	1.0	2.5	1.6m	57		18 §	175m	5C	7LM10HX	CN1k
86♦	SG711CJ	150u	40n	10m§	25u	20u§	13.0 ±	1.0	2.5	500u	56	2.5m	12.0	150m	07	1LM11MX	TO116
87	SN72710FA	150u	40n	10m§	25u	7.5u†	10	1.0	2.5	5.0m	57		18 §	88m†	07	7LM10FX	FP2t
88	TL710CL	150u	40n	10m§	25u	7.5u†	10	1.0	2.5		56		18 §	88m†	07	7LM10HX	CN1k
89	LM111H03	150u	200n	4.0m§	20u		28				106	3.0m	±15 X	165m	5C	1LM11HX	CN1d
90	DM710F	150u	40u	6.0m§	20u	5.0u	10	0.0	2.5		58		18 §	175m	5C	7LM10FX	FP2
91	DM710H	150u	40u	6.0m§	20u	5.0u	10	0.0	2.5		58		18 §	175m	5C	7LM10HX	CN1a
92	PA7711-39	150u	40u	6.0m§	2.0u	5.0u†	10	0.0	2.5	500u	54		18 §	200m	07	7LM10HX	TO100
93	PL7711-31	150u	40u	6.0m§	2.0u	5.0u†	10	0.0	2.5	500u	54		18 §	200m	5C	7LM10FX	FP2c
94	PL7711-39	150u	40u	6.0m§	2.0u	5.0u†	10	0.0	2.5	500u	54		18 §	200m	07	7LM10FX	FP2c
95	DC710F	150u	40u	10m§	25u	7.5u	10	0.0	2.5		58		18 §	175m	07	7LM10FX	FP2
96	DC710H	150u	40u	10m§	25u	7.5u	10	0.0	2.5		58		18 §	175m	07	7LM10HX	CN1a
97	TDC7711F	150u	40u	10m§	25u	5.0u†	10	0.0	4.5 †	500u	57	2.5m	18 §	250m	07	7LM10FX	TO91
98♦	711-1-36	150u	40	6.0m§	20u	5.0u†	13.0 ±	0.0	2.5	500u	58	2.5m	12.0	200m	5C	1LM11MX	TO91
99♦	711-9-36	150u	40	10m§	25u	5.0u†	13.0 ±	0.0	2.5	500u	57	2.5m	12.0	230m	07	1LM11MX	TO91
100	uA111RC	27 †	200n	25p§	50p	6.0m	3.0m				106		±15 X	165m	28	1LM11HX	DL14br
101	HA2111	28 †	200n	20n§	150n	4.0m					106 †		±15 X	123m†	5C		TO99
102	HA2211	28 †	200n	20n§	150n	4.0m					106 †		±15 X	123m†	28		TO99
103	HA2311	28 †	200n	70n§	300n	10m					106 †		±15 X	187m†	07		TO99

DUAL

107	RC711CD		40n	6.0m§			14	1.0	0.0		62		28 §	180m	07	7LM11HX	DL14ae
108	RC711CQ		40n	6.0m§			14	1.0	0.0		62		28 §	180m	07	7LM11HX	FP2k
109	RC711CT		40n	6.0m§			14	1.0	0.0		62		28 §	180m	07	7LM11HX	TO99
110	RC4443CD		40n	6.5m§			14	1.0	0.0	1.6m	62		28 §	300m	07	44LM43JX	DL14ae

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] RESP TIME TYP (s)	INPUT OFFSET [3] VIO MAX (V)	INPUT OFFSET IIO MAX (A)	ΔVIO /ΔT MAX (V /°C)	VICR MIN (V)	VOL A LIMIT (V)	VOH B LIMIT (V)	IO SINK MIN (A)	AV MIN (dB)	STRB CURR MAX (A)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	TEMP CODE - +	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	RC4443CJ		40n	6.5m§			14	1.0	0.0	1.6m	62		28 §	300m	07	44LM43JX	FP6a
2	LF211J	100n	200n	3.0m§	10n		28		35		200 X	3.0m	±18 X	500m	5C	21LH11JX	DL16Ø
3	uA193ARM	100n	1.3u	2.0m§	25n		0.0			6.0m	200 X		5.0 X	800m	5C	1LM93HX	DL8t
4	uA193RM	100n	1.3u	5.0m§	25n		0.0			6.0m	200 X		5.0 X	800m	5C	1LM93HX	DL8t
5	uA293ARC	250n	1.3u	2.0m§	50n		0.0			6.0m	200 X		5.0 X	800m	28	1LM93HX	DL8t
6	uA293ATC	250n	1.3u	2.0m§	50n		0.0			6.0m	200 X		5.0 X	800m	28	1LM93HX	DL8ag
7	uA393ARC	250n	1.3u	2.0m§	50n		0.0			6.0m	200 X		5.0 X	800m	07	1LM93HX	DL8t
8	uA393ATC	250n	1.3u	2.0m§	50n		0.0			6.0m	200 X		5.0 X	800m	07	1LM93HX	DL8ag
9	uA293RC	250n	1.3u	5.0m§	50n		0.0			6.0m	200 X		5.0 X	800m	28	1LM93HX	DL8t
10	uA293TC	250n	1.3u	5.0m§	50n		0.0			6.0m	200 X		5.0 X	800m	28	1LM93HX	DL8ag
11	uA393RC	250n	1.3u	5.0m§	50n		0.0			6.0m	200 X		5.0 X	800m	07	1LM93HX	DL8t
12	uA393TC	250n	1.3u	5.0m§	50n		0.0			6.0m	200 X		5.0 X	800m	07	1LM93HX	DL8ag
13	uA2903RC	250n	1.3u	7.0m§	50n		0.0			6.0m	100 X		5.0 X	800m	6F	1LM93HX	DL8t
14	uA2903TC	250n	1.3u	7.0m§	50n		0.0			6.0m	100 X		5.0 X	800m	6F	1LM93HX	DL8ag
15	LM193L	300n	1.3u	9.0m§	100n		3.5	400m	5.0 †	4.0m	94		5.0 §	5.0m	5C	1LM93HX	CN1k
16	LM293AH#	400n	1.3u	9.0m§	150n		20			6.0m	50 X		±18 X	900m	28	1LM93HX	CN37b
17	LM293H#	400n	1.3u	9.0m§	150n		20			6.0m	50 X		±18 X	900m	28	1LM93HX	CN37b
18	LM293L	400n	1.3u	9.0m§	150n		3.5	400m	5.0 †	4.0m	94		5.0 §	5.0m	28	1LM93HX	CN1k
19	LM393L	400n	1.3u	9.0m§	150n		3.5	400m	5.0 †	4.0m	94		5.0 §	5.0m	07	1LM93HX	CN1k
20	LM2903L	500n	1.5u	15m§	200n		3.5	400m	5.0 †	4.0m	88		5.0 §	5.0m	48	1LM93HX	CN1k
21	uPC379A	600n♦	5.0u	5.0m♦	150n♦		4.0 X			10m	60		5.0 §	15m	28	3LM79AX	CN10e
22	LM319DØ	1.0u	80n	8.0m	200n		26 †						36	500m	07	1LM19DX	DL14do
23	LM119D883	1.0u	130n	7.0m§	100n		26 †			3.2m	80		±15 X	240m	5C	1LM19HX	DL14aj
24	LM119F883	1.0u	130n	7.0m§	100n		26 †			3.2m	80		±15 X	240m	5C	1LM19HX	FP18
25	LM319F	1.2u	80n	10m§	300n		26 †	230m†		3.2m	92		±15 X	262m	07	1LM19HX	FP37
26	LM161D	20u		3.0m§	3.0u		12	400m	2.4		69 †	200u	20	145m	5C	1LM61HX	DL14bv
27	LM161F	20u		3.0m§	3.0u		12	400m	2.4		69 †	200u	20	145m	5C	1LM61HX	FP29a
28	LM261D	20u		3.0m§	3.0u		12	400m	2.4		69 †	200u	20	145m	28	1LM61HX	DL14bv
29	SN52514N	25u	30n	3.0m§	7.0u	10u	10	0.0	2.5	2.0m	82	2.5m	18 §	150m	5C	5LM14JX	DL14x
30	SN52820N	25u	30n	3.0m§	7.0u	10u	10	0.0	2.5	2.0m	82		18 §	150m	5C	8LM20JX	DL14x
31	LM361D	30u		5.0m§	5.0u		12	400m	2.4		69 †	200u	20	150m	07	1LM61HX	DL14bv
32♦	SL717C	30u	10n	15m§	15u		11 †	2.2 †	790m-		66		21 §	658m	07	7SL17CX	CN27b
33	SN52811FA	30u	33n	4.5m§	5.0u	5.0u	10	1.0	2.5	5.0m	82	2.5m	18 §	94m†	5C	7LM11HX	FP2t
34	SN52811N	30u	33n	4.5m§	5.0u	5.0u†	10	0.0	2.5	500u	82	2.5m	18 §	150m	5C	7LM11HX	DL14x
35	TL811ML	30u	33n	4.5m§	5.0u	5.0u†	10	1.0	2.5	500u	81	2.5m	18 §	150m	5C	7LM11HX	CN10q
36	RM711AD	30u	40n	2.0m§	3.0u	5.0u	10	1.0	2.5	680m	63	2.5m	18 X	150m	5C	7LM11HX	FP2k
37	RM711AQ	30u	40n	2.0m§	3.0u	5.0u	10	1.0	2.5	680m	63	2.5m	18 §	150m	5C	7LM11HX	FP2k
38	RM711AT	30u	40n	2.0m§	3.0u	5.0u	10	1.0	2.5	680m	63	2.5m	18 §	150m	5C	7LM11HX	TO100
39	MC1414F	40u	6.0n	6.5m§	7.5u	5.0u§	10	1.0	2.5	1.6m	60	2.5m	18 §	300m	07	14LM14PX	FP24b
40	RC1414D	40u	40n	6.5m§	7.5u	5.0u	10	1.0	2.5	1.6m	60		18 X	300m	07	14LM14PX	DL14ae
41	RC1414DP	40u	40n	6.5m§	7.5u	5.0u	10	1.0	2.5	1.6m	60		18 X	300m	07	14LM14PX	TO116
42	RC1514D	40u	40n	6.5m§	7.5u	5.0u†	10	1.0	2.5	1.6m	60	2.5m	18 §	300m	07	14LM14PX	DL14ae
43	RC1514DP	40u	40n	6.5m§	7.5u	5.0u†	10	1.0	2.5	1.6m	60	2.5m	18 §	300m	07	14LM14PX	DL14ae
44	RC4443D	40u	40n	6.5m§	7.5u	20u	10	1.0	2.5	1.6m	60		18 §	300m	07	44LM43JX	DL14ae
45	RC4443J	40u	40n	6.5m§	7.5u	20u	10	1.0	2.5	1.6m	60		18 §	300m	07	44LM43JX	FP6a
46	RM1414D	40u	40n	6.5m§	7.5u	5.0u	10	1.0	2.5	1.6m	60		18 X	300m	07	14LM14PX	DL14ae
47	RM4443	40u	40u	3.0m§	7.0u	10u†	10	0.0	2.5	2.0m	62		18 §	300m	5C	44LM43JX	FP6a
48	RC4443C	40u	40u	6.5m§	7.5uL	20u	10	0.0	2.5	1.6m	60		18 §	300m	07	44LM43JX	DL14ae
49	MC1514F	45u		3.0m§	7.0u	3.0u§	10	1.0	2.5	2.8m	60	2.5m	18 §	300m	5C	14LM14PX	FP24b
50	SN52506N	45u	25n	3.0m§	3.0u♦	10u	10	1.5	2.5	100m		3.3m	±12 X	326m	5C	1LM06WX	DL14x
51	TL506MW	45u	28n	3.0m§	7.0u	10u	10	400m	2.5	16m	92	3.3m	±12 §	326m	5C	1LM06WX	MO004AA
52	RM1514DC	45u	40n	3.0m§	7.0m	3.0u†	10	1.0	2.5	2.8m	63		18 §	300m	5C	14LM14PX	14-21
53	RM1514DP	45u	40n	3.0m§	7.0m	3.0u†	10	1.0	2.5	2.8m	63		18 §	300m	5C	14LM14PX	TO116
54	RM4443D	45u	40n	3.0m§	7.0u	10u	10	1.0	2.5	2.0m	62		18 §	300m	5C	44LM43JX	DL14ae
55	RM4443J	45u	40n	3.0m§	7.0u	10u	10	1.0	2.5	2.0m	62		18 §	300m	5C	44LM43JX	FP6a
56	SN72811FA	50u	33n	6.0m§	10u	5.0u	10	1.0	2.5	5.0m	80	2.5m	18 §	94m†	07	7LM11HX	FP2t
57	TL811CL	50u	33n	6.0m§	10u	5.0u†	10	1.0	2.5	500u	80	2.5m	18 §	200m	07	7LM11HX	CN10q
58	MCC1711	75u♦	40n	3.5m♦		5.0u†	14	1.0	2.5	500u		2.5m	18 §	200m	5C	7LM11HX	CH11
59	LM711CF	100u	40n	5.0m§	15u	5.0u†	10	0.0	4.5	500u	57	2.5m	18 §	230m	07	7LM11HX	FP2n
60	MCC1711C	100u♦	40n	5.0m♦		5.0u†	14	1.0	2.5	500u		2.5m	18 §	200m	5C	7LM11HX	CH11
61	uA711PCØ	100u	40n	5.0m§	15u			1.0	4.5 †	.50m	700 Y	2.5m	18 §	670m	07	7LM11HX	DL14ce
62	TL1711C	150u		10m§	25u	5.0u†	10	1.0	2.5	500u	56	2.5m	18 §	230m	07	7LM11HX	TO100
63	TL2711C	150u		10m§	25u	5.0u†	10	1.0	2.5	500u	56	2.5m	18 §	230m	07	7LM11HX	TO116
64	LA711Δ	150u	40n	4.5m§	20u	5.0u†			4.5 †		57	2.5m	18 §	126m	5C	7LM11HX	TO100
65	711BH	150u	40n	6.0m§	20u	5.0u†	10	1.0	4.5 †	500u	57	2.5m	18 §	200m	5C	7LM11HX	TO91
66	711BL	150u	40n	6.0m§	20u	5.0u†	10	1.0	4.5 †	57	58	2.5m	18 §	200m	5C	7LM11HX	TO116
67	LA711F	150u	40n	6.0m§	20u	5.0u†	10	0.0	2.5	500u	57	2.5m	18 §	200m	5C	7LM11HX	FPØ
68	LA711H	150u	40n	6.0m§	20u	5.0u†	10	0.0	2.5	500u	57	2.5m	18 §	200m	5C	7LM11HX	TO100
69	MC1711F	150u	40n	6.0m§	20u	5.0u†	10	1.0	2.5	500u	58	2.5m	18 §	200m	5C	7LM11HX	CN10c
70	MC1711G	150u	40n	6.0m§	20u	5.0u†	5.0 ±	1.0	2.5	500u	58	2.5m	12.0	200m	5C	7LM11HX	TO100
71	MT711	150u	40n	6.0m§	20u	5.0u†	10	1.0	4.5 †	500u	57	2.5m	18 §	200m	5C	7LM11HX	CN10e
72	MT711C	150u	40n	6.0m§	25u	5.0u†	10	1.0	4.5 †	500u	56	2.5m	18 §	230m	07	7LM11HX	CN10e
73	RC711DC	150u	40n	6.0m§	25u	20u	10	1.0	2.5	1.6m	57	2.5m	18 §	180m	07	7LM11HX	DL14av
74	RC711DP	150u	40n	6.0m§	25u	20u	10	1.0	2.5	1.6m	57	2.5m	18 §	180m	07	7LM11HX	DL14ae
75	RC711Q	150u	40n	6.0m§	25u	20u	10	1.0	2.5	1.6m	57	2.5m	18 §	180m	07	7LM11HX	FP2k
76	RC711T	150u	40n	6.0m§	25u	20u	10	1.0	2.5	1.6m	57	2.5m	18 §	180m	07	7LM11HX	TO100
77	RM711BD	150u	40n	6.0m§	25u	20u	10	1.0	2.5	1.6m	57	2.5m	18 §	180m	5C	7LM11HX	DL14ae
78	RM711BQ	150u	40n	6.0m§	25u	20u	10	1.0	2.5	1.6m	57	2.5m	18 §	180m	5C	7LM11HX	FP2k
79	RM711BT	150u	40n	6.0m§	25u	20u	10	1.0	2.5	1.6m	57	2.5m	18 §	180m	5C	7LM11HX	TO100
80	RM711DC	150u	40n	6.0m§	14u	10u	10	1.0	2.5	680u	57	2.5m	18 §	180m	5C	7LM11HX	DL14av
81	RM711Q	150u	40n	6.0m§	14u	10u	10	1.0	2.5	680u	57	2.5m	18 §	180m	5C	7LM11HX	FP2z
82	RM711T	150u	40n	6.0m§	14u	10u	10	1.0	2.5	680u	57	2.5m	18 §	180m	5C	7LM11HX	TO100
83	SG711T	150u	40n	6.0m§	20u	10u§	10	1.0	2.5	500u	57	2.5m	18 §	150m	5C	7LM11HX	TO100
84	SN52711FA	150u	40n	6.0m§	20u	5.0u†	10	1.0	2.5	5.0m	56	2.5m	18 §	130m†	5C	7LM11HX	FP2t
85	T4711F	150u	40n	6.0m§	10u	10u	10	0.0	25	5.0m	73	2.5m	18 X	300m	5C	7LM11HX	TO91
86	T4711J	150u	40n	6.0m§	10u	10u	10	0.0	25	5.0m	73	2.5m	18 X	300m	5C	7LM11HX	TO116
87	T4711V	150u	40n	6.0m§	10u	10u	10	0.0	2.5	5.0m	73	2.5m	18 X	300m	5C	7LM11HX	TO100
88	T5711F	150u	40n	6.0m§	15u	10u	10	0.0	2.5	5.0m	73	2.5m	18 X	300m	07	7LM11HX	TO91
89	T5711J	150u	40n	6.0m§	15u	10u	10	0.0	2.5	5.0m	73	2.5m	18 X	300m	07	7LM11HX	TO116
90	T5711V	150u	40n	6.0m§	15u	10u	10	0.0	2.5	5.0m	73	2.5m	18 X	300m	07	7LM11HX	TO100
91	711CJ	150u	40n	10m§	25u	5.0u†	10	1.0	4.5 †	500u	56	2.5m	18 §	230m	07	7LM11HX	DL8b
92	711CL	150u	40n	10m§	25u	5.0u†	10	1.0	4.5 †	500u	56	2.5m	18 §	230m	07	7LM11HX	TO116
93	LA711CH	150u	40n	10m§	25u	5.0u†	10	0.0	2.5	500u	57	2.5m	18 §	230m	07	7LM11HX	TO100
94	MC1711CF	150u	40n	10m§	25u	5.0u†	10	1.0	2.5	500u	57	2.5m	18 §	200m	07	7LM11HX	TO91
95	MC1711CG	150u	40n	10m§	25u	5.0u†	10	1.0	2.5	500u	57	2.5m	18 §	200m	07	7LM11HX	TO100
96	MC1711CL	150u	40n	10m§	25u	5.0u§	10	1.0	2.5	500u	57	2.5m	18 §	200m	07	7LM11HX	TO116
97	MC1711CP	150u	40n	10m§	25u	5.0u†	10	1.0	2.5	500u	57	2.5m	18 §	200m	07	7LM11HX	DL14az
98	RC711BL	150u	40n	10m§	25u	20u	10	1.0	2.5	680u	58	2.5m	18 §	180m	07	7LM11HX	CH29
99	SFC2711E	150u	40n	10m§	25u	5.0u	10	0.0	2.5	500u		2.5m	18 X	230m	07	7LM11HX	TO116
100	SFC2711PC	150u	40n	10m§	25u	5.0u†	10	0.0	2.5	500u	64 †	2.5m	18 §	230m	07	7LM11HX	TO91
101	SG711CN	150u	40n	10m§	25u	20u§	10	1.0	2.5	500u	56	2.5m	18 §	150m	07	7LM11HX	DL14u
102	SG711CT	150u	40n	10m§	25u	20u§	10	1.0	2.5	500u	56	2.5m	18 §	150m	07	7LM11HX	TO100
103	SN72711FA	150u	40n	10m§	25u	5.0u†	10	1.0	2.5	5.0m	57	2.5m	18 §	130m†	07	7LM11HX	FP2t
104	uA711DC	150u	40n	10m§	25u	5.0u†	10	1.0	4.5 †	500u	57	2.5m	18 §	230m	07	7LM11HX	DL14br
105	uA711PC	150u	40n	10m§	25u	5.0u†	10	1.0	4.5 †	500u	57	2.5m	18 §	230m	07	7LM11HX	DL16z
106	SG711AT	150u	60n	6.0m§	20u	5.0u§	10	1.0	2.5	500u	54		18 §	150m	5C	7LM11HX	TO100
107	SG711BN	150u	60n	6.0m§	20u	20u§	10	1.0	2.5	500u	54		18 §	150m	5C	7LM11HX	DL14u
108	SG711BT	150u	60n	6.0m§	20u	20u§	10	1.0	2.5	500u	54		18 §	150m	5C	7LM11HX	TO100
109	SG711N	150u	60n	6.0m§	20u	10u§	10	1.0	2.5	500u	54		18 §	150m	5C	7LM11HX	DL14u
110	M51711T	150u	100n	10m§	25u	5.0u†	10	1.0	5.5 †	500n	57	2.5m	18 §	230m	27	7LM11HX	TO100

14. VOLTAGE COMPARATORS – Dual (cont'd)

IN ORDER OF (1) IIB (2) RESP TIME TYP (3) VIO MAX (4) TYPE NUMBER

LINE No.	[4] TYPE NUMBER	[1] IIB MAX (A)	[2] RESP TIME TYP (s)	INPUT OFFSET [3] VIO MAX (V)	INPUT OFFSET IIO MAX (A)	ΔVIO /ΔT MAX (V /°C)	VICR MIN (V)	VOL A LIMIT (V)	VOH B LIMIT (V)	IO SINK MIN (A)	AV MIN (dB)	STRB CURR MAX (A)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PWR SUP @ 25°C RATED SPECS PD MAX (W)	T C E O M D P E - +	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	711-1-5F	150u	40u	6.0m§	20u	5.0u†	10	0.0	2.5	500u	58	2.5m	18 §	200m	5C	7LM11HX	TO100
2	711BE	150u	40u	6.0m§	20u	5.0u†	10	1.0	4.5 †	57	40n†	2.5m	18 §	200m	5C	7LM11HX	TO96
3	711BN	150u	40u	6.0m§	20u	5.0u	10	500m	2.5	500u	58	1.2m	18 X	200m	5C	7LM11HX	TO116
4	DC711	150u	40u	6.0m§	20u	5.0u†	10	0.0	3.5 †	800m†	58	1.2m	18 §	130m†	07	7LM11HX	CN17c
5	DM711	150u	40u	6.0m§	20u	5.0u†	10	0.0	3.5 †	800m†	58	1.2m	18 §	130m†	5C	7LM11HX	CN17c
6	LM711AF	150u	40u	6.0m§	20u	5.0u†	10	0.0	2.5	500u	58	2.5m	18 §	200m	5C	7LM11HX	FP2
7	LM711AH	150u	40u	6.0m§	20u	5.0u†	10	0.0	2.5	500u	58	2.5m	18 §	200m	5C	7LM11HX	CN17c
8	MIC711-1B	150u	40u	6.0m§	20u	5.0u†	10	0.0	2.5	500u	58	2.5m	18 §	200m	5C	7LM11HX	FP2b
9	MIC711-1C	150u	40u	6.0m§	20u	5.0u†	10	0.0	2.5	500u	58	2.5m	18 §	200m	5C	7LM11HX	TO100
10	PA7711-31	150u	40u	6.0m§	20u	5.0u†	10	0.0	2.5	500u	54		18 §	200m	5C	7LM11HX	TO100
11	RM711	150u	40u	6.0m§	20u	5.0u†	10	0.0	3.5 †	800m†	58	1.2m	18 §	130m†	5C	7LM11HX	CN6b
12	T1711F	150u	40u	6.0m§	20u	5.0u†	10	0.0	2.5	500u	58	2.5m	18 §	200m	5C	7LM11HX	TO91
13	T1711J	150u	40u	6.0m§	20u	5.0u†	10	0.0	2.5	500u	58	2.5m	18 §	200m	5C	7LM11HX	TO116
14	T1711V	150u	40u	6.0m§	20u	5.0u†	10	0.0	2.5	500u	58	2.5m	18 §	200m	5C	7LM11HX	TO100
15	T6711J	150u	40u	6.0m§	20u	5.0u†	10	0.0	4.5 †	500u	58	2.5m	18 §	220m	5C	67LM11PX	TO116
16	T8711J	150u	40u	6.0m§	20u	5.0u†	10	0.0	4.5 †	5.0m	58	2.5m	18 §	300m	07	67LM11PX	TO116
17	TDC1711	150u	40u	6.0m§	20u	5.0u†	10	0.0	2.5	500u	58	2.5m	18 §	200m	5C	7LM11HX	TO100
18	TDC4711	150u	40u	6.0m§	20u	5.0u†	10	0.0	4.5 †	5.0	58	2.5m	18 §	300m	5C	7LM11HX	TO100
19	TDC6711	150u	40u	6.0m§	20u	5.0u†	10	0.0	4.5 †	500u	58	2.5m	18 §	220m	5C	67LM11PX	TO100
20	TDC6711F	150u	40u	6.0m§	20u	5.0u†	10	0.0	4.5 †	500u	58	2.5m	18 §	220m	5C	67LM11PX	TO91
21	TDC8711	150u	40u	6.0m§	20u	5.0u†	10	0.0	4.5 †	500u	58	2.5m	18 §	300m	5C	67LM11PX	TO100
22	TDC8711F	150u	40u	6.0m§	20u	5.0u†	10	0.0	4.5 †	2.6m	58	2.5m	18 §	300m	5C	67LM11PX	TO91
23	711-9-5F	150u	40u	10m§	25u	5.0u†	10	0.0	2.5	500u	57	2.5m	18 §	230m	07	7LM11HX	TO100
24	711CE	150u	40u	10m§	25u	5.0u†	10	1.0	4.5 †	56	40n†	2.5m	18 §	230m	07	7LM11HX	TO96
25	MIC711-5B	150u	40u	10m§	25u	5.0u†	10	500m	2.5	500u	57	2.5m	18 §	230m	07	7LM11HX	FP2b
26	MIC711-5C	150u	40u	10m§	25u	5.0u†	10	500m	2.5	500u	57	2.5m	18 §	230m	07	7LM11HX	TO100
27	T2711F	150u	40u	10m§	25u	5.0u†	10	0.0	4.5 †	500u	57	2.5m	18 §	230m	5C	7LM11HX	TO91
28	T2711J	150u	40u	10m§	25u	5.0u†	10	0.0	4.5 †	500u	57	2.5m	18 §	230m	5C	7LM11HX	TO116
29	T2711V	150u	40u	10m§	25u	5.0u†	10	0.0	4.5 †	500u	57	2.5m	18 §	230m	5C	7LM11HX	TO100
30	T7711J	150u	40u	10m§	25u	5.0u†	10	0.0	4.5 †	500u	57	2.5m	18 §	250m	07	67LM11PX	TO116
31	T9711J	150u	40u	10m§	25u	5.0u†	10	0.0	4.5 †	2.6m	57	2.5m	18 §	300m	07	67LM11PX	TO116
32	TDC2711	150u	40u	10m§	25u	5.0u†	10	0.0	4.5 †	500u	57	2.5m	18 §	230m	5C	7LM11HX	TO100
33	TDC5711	150u	40u	10m§	25u	5.0u†	10	0.0	4.5 †	5.0m	57	2.5m	18 §	300m	07	7LM11HX	TO100
34	TDC5711F	150u	40u	10m§	25u	5.0u†	10	0.0	4.5 †	500u	57	2.5m	18 §	300m	07	7LM11HX	TO91
35	TDC7711	150u	40u	10m§	25u	5.0u†	10	0.0	4.5 †	500u	57	2.5m	18 §	250m	07	67LM11PX	TO100
36	TDC9711	150u	40u	10m§	25u	5.0u†	10	0.0	4.5 †	2.6m	57	2.5m	18 §	300m	07	67LM11PX	TO100
37	TDC9711F	150u	40u	10m§	25u	5.0u†	10	0.0	4.5 †	2.6m	57	2.5m	18 §	300m	07	67LM11PX	TO91
38	uA711B-3F	150u	40u	10m§	25u	5.0u†	10	0.0	2.5	500u	57	2.5m	18 §	230m	07	7LM11HX	TO91
39	MA711MN	150u	40	6.0m§	20u	5.0u†	10	1.0	2.5	500u	57	2.5m	18 §	200m	5C	7LM11HX	DL14x
40	MA711NL	150u	40	6.0m§	20u	5.0u†	10	1.0	2.5	500u	57	2.5m	18 §	200m	5C	7LM11HX	TO100
41	SN52711L	150u	40	6.0m§	20u	5.0u†	10	1.0	2.5	500u	57	2.5m	18 §	200m	5C	7LM11HX	TO99
42	SN52711N	150u	40	6.0m§	20u	5.0u†	10	1.0	2.5	500u	57	2.5m	18 §	200m	5C	7LM11HX	DL14x
43	MA711CL	150u	40	10m§	25u	5.0u†	10	1.0	2.5	500u	56	2.5m	18 §	230m	5C	7LM11HX	TO99
44	TDC2711E	150u	40	10m§	25u	5.0u†	10	0.0	4.5	500m	57	2.5	18 §	230m	5C	7LM11HX	TO116
45	TL711CL	150u	40	10m§	25u	5.0u†	10	1.0	2.5	500u	56	2.5m	18 §	230m	5C	7LM11HX	TO100

QUAD

49	MC14574-1AL	1.0n♦	100nY	10m♦	200p♦	20u§	8.0 X	50m	10 †	3.2m	96 †		10 §	20m†	5C	45LM74PX	DL16bj
50	MC14574-1CL	1.0n♦	100nY	10m♦	200p♦	20u§	8.0 X	50m	10 †	2.6m	96 †		10 §	20m†	48	45LM74PX	DL16bj
51	MC14574-1CP	1.0n♦	100nY	10m♦	200p♦	20u§	8.0 X	50m	10 †	2.6m	96 †		10 §	20m†	48	45LM74PX	DL16ad
52	MC14574AL	1.0n♦	100nY	50m♦	200p♦	20u§	8.0 X	50m	10 †	3.2m	96 †		10 §	20m†	5C	45LM74PX	DL16bj
53	LM139H	100n♦		5.0m♦	25n♦		3.5 X	400m	250m†	6.0m	106 †		5.0 §	10m	5C	1LM39NX	FPØ
54	LM139AF	100n♦	1.3u	2.0m♦	25n♦		13 X			6.0m	106 †		15 §	30m	5C	1LM39NX	FP29a
55	MLM139L	100n	1.3u	5.0m§	25n		3.5			6.0m			±18 X	1.2	5C	1LM39NX	DL14ag
56	SG139BJ	200n	1.3u	5.0m♦	50n♦		3.5		5.0	15m	200		5.0 X	1.0	5C	1LM39NX	DL14bk
57	LM239AF☒	250n	1.3u	2.0m§	50n		3.5 X	400m	5.0	6.0m	96		5.0 §	10m	28	1LM39NX	FP2z
58	LM239F☒	250n	1.3u	2.0m§	50n		3.5 X	400m	5.0	6.0m	106		5.0 §	10m	28	1LM39NX	FP2z
59	LM2901L	250n♦	1.3u	5.0m♦	50n♦		3.5 X			6.0m	106 †		5.0 §	10m	48	1LM39NX	TO116
60	MLM239L	250n	1.3u	5.0m§	50n		3.5			6.0m			±18 X	1.2	5C	1LM39NX	DL14ag
61♦	MLM239P	250n	1.3u	5.0m§	50n		3.5			6.0m			±18 X	1.2	5C	1LM39NX	DL14☒
62	MLM339L	250n	1.3u	5.0m§	50n		3.5			6.0m			±18 X	1.2	5C	1LM39NX	DL14ag
63♦	MLM339P	250n	1.3u	5.0m§	50n		3.5			6.0m			±18 X	1.2	5C	1LM39NX	DL14☒
64	MLM2901P	250n♦	1.3u	7.0m♦	50n♦		3.5			6.0m			5.0 §	10m	48	29LM01PX	DL14az
65♦	PM239AY	250n	300u	10m§	100n		3.5		5.0	6.0m	50 X		5.0 ±	500m	28	1LM39NX	DL14☒
66♦	PM239Y	250n	300u	10m§	100n		3.5		5.0	6.0m	50 X		5.0 ±	500m	28	1LM39NX	DL14☒
67♦	PM339Y	250n	300u	10m§	100n		3.5		5.0	6.0m	50 X		5.0 ±	500m	07	1LM39NX	DL14☒
68	LM139F	300n	300n	9.0m§	100n		3.0 X			6.0m	106 †		5.0 §	10m	5C	1LM39NX	FP29a
69	CA139AG	300n	1.3u	4.0m§	100n		3.5 X			6.0m			5.0 §	10m	5C	1LM39NX	MO001AB
70	uA775DM	300n	1.3u	5.0m§	100n		3.5	400m		6.0m	106 †		5.0 X	10m	5C	7LM75DX	DL14br
71	CA139G	300n	1.3u	9.0m§	100n		3.5 X			6.0m			5.0 §	10m	5C	1LM39NX	MO001AB
72	SG139AJ	300n	1.3u	9.0m§	100n		13			6.0m	106 †		15 §	30m	5C	1LM39NX	TO116
73	SG139AN	300n	1.3u	9.0m§	100n		13 X		30	6.0m	106 †		15 §	30m	5C	1LM39NX	DL14bk
74	SG139J	300n	1.3u	9.0m§	100n		3.0			6.0m	106 †		5.0 §	10m	5C	1LM39NX	TO116
75	SG139N	300n	1.3u	9.0m§	100n		3.0 X		30	6.0m	106 †		5.0 §	10m	5C	1LM39NX	DL14bk
76	CA239AG	400n	1.3u	4.0m§	150n		3.5 X			6.0m			5.0 §	10m	28	1LM39NX	MO001AB
77	CA339AG	400n	1.3u	4.0m§	150n		3.5 X			6.0m			5.0 §	10m	07	1LM39NX	MO001AB
78	CA339HG	400n	1.3u	4.0m§	150n		3.5 X			6.0m			5.0 §	10m	07	1LM39NX	CH16ab
79	uA775DC	400n	1.3u	5.0m§	150n		3.5	400m		6.0m	106 †		5.0 X	10m	07	7LM75DX	DL14br
80	uA775PC	400n	1.3u	5.0m§	150n		3.5	400m		6.0m	106 †		5.0 X	10m	07	7LM75DX	DL16z
81	CA239G	400n	1.3u	9.0m§	150n		3.5 X			6.0m			5.0 §	10m	28	1LM39NX	MO001AB
82	CA339G	400n	1.3u	9.0m§	150n		3.5 X			6.0m			5.0 §	10m	07	1LM39NX	MO001AB
83	SG239AJ	400n	1.3u	9.0m§	150n		13			6.0m	106 †		15 §	30m	28	1LM39NX	TO116
84	SG239AN	400n	1.3u	9.0m§	150n		13			6.0m	106 †		15 §	30m	28	1LM39NX	DL14u
85	SG239J	400n	1.3u	9.0m§	150n		3.0			6.0m	106 †		5.0 §	10m	28	1LM39NX	TO116
86	SG239N	400n	1.3u	9.0m§	150n		3.0			6.0m	106 †		5.0 §	10m	07	1LM39NX	DL14u
87	SG339AJ	400n	1.3u	9.0m§	150n		13			6.0m	106 †		15 §	30m	07	1LM39NX	TO116
88	SG339AN	400n	1.3u	9.0m§	150n		13			6.0m	106 †		15 §	30m	07	1LM39NX	DL14u
89	SG339J	400n	1.3u	9.0m§	150n		3.0			6.0m	106 †		5.0 §	10m	07	1LM39NX	TO116
90	SG339N	400n	1.3u	9.0m§	150n		3.0			6.0m	106 †		5.0 §	10m	07	1LM39NX	DL14u
91	SG239BJ	500n	1.3u	5.0m♦	100n		3.5		5.0	15m	200 X		5.0 X	1.0	28	1LM39NX	DL14bk
92	SG239BN	500n	1.3u	5.0m♦	100n		3.5		5.0	15m	200 X		5.0 X	600m	28	1LM39NX	DL14aj
93	SG339BJ	500n	1.3u	5.0m♦	100n		3.5		5.0	15m	200 X		5.0 X	1.0k	07	1LM39NX	DL14bk
94	SG339BN	500n	1.3u	5.0m♦	100n		3.5		5.0	15m	200 X		5.0 X	600m	07	1LM39NX	DL14aj
95	3302J	1.0u		40m§	3.0n†		26	400m	5.0 †	6.0m†	66		15 §	22m	48	1LM39NX	DL8b
96	MB4204	250m	1.3u	5.0m§	50m					6.0m	106		5.0 X	10m	26	42MB04MX	DL14ac

SPECIAL PURPOSE

100	MC14575-1AL	1.0n♦	100nY	10m♦	200p♦	20u§	8.0 X	50m	10 †	3.2m	96 †		10 §	10m†	5C	45LM75PX	DL16bj
101	MC14575-1CL	1.0n♦	100nY	10m♦	200p♦	20u§	8.0 X	50m	10 †	2.6m	96 †		10 §	10m†	48	45LM75PX	DL16bj
102	MC14575-1CP	1.0n♦	100nY	10m♦	200p♦	20u§	8.0 X	50m	10 †	2.6m	96 †		10 §	10m†	48	45LM75PX	DL16bj
103	MC14575AL	1.0n♦	100nY	50m♦	200p♦	20u§	8.0 X	50m	10 †	3.2m	96 †		10 §	10m†	5C	45LM75PX	DL16bj
104	MK404IP	200n	30u	5.0m§	40n	15u	30	14	14	10m	104	1.0m	±18 X	75m	28	4LM04PX	MD8☒
105	MC3424L	1.0u	1.0u	15m§	250n		40		2.4	30m			40 §	1.0	07	33LM24PX	DL16bj
106	MC3424P	1.0u	1.0u	15m§	250n		40		2.4	30m			40 §	1.0	07	33LM24PX	DL16o
107	MC3524L	1.0u	1.0u	15m§	250n		40		2.4	30m			40 §	1.0	5C	33LM24PX	DL16bj
108	uA750DC	5.0u		6.0m§			24 X						±12 §	432m	07	7LM50DX	TO116
109	SAL111	150u	80n	10m§	25u				2.5		57		18 X	300m	06	1SA11ZX	TO100

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

15. VOLTAGE REFERENCES – Fixed

FIXED

LINE No.	[4] TYPE NUMBER	[1] VO NOM (V)	[2] ΔVO/ΔT MAX (PPM /°C)	[3] DYN OUTPT RES MAX (Ω)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
4	840-T1				5C	Vo 10V†;Output Acc ±100m%Δ;Io 5.0mAΔ;Rpl Rejec 56dB†;Ro 100mΩ;Vi	RV6306	TO5
5	840-T2				28	Vo 10V†;Output Acc ±100m%†;Io 5.0mAΔ;Rpl Rejec 56dB†;Ro 100mΩ;Vi	RV6306	TO5
6▼	AN155					Voltage stabilizer for capacitance diodes in TV tuners;Vs 32V	1AN55ZX	CN28
7	AN156				27	Voltage Reference Diode;Iz 5mA,Pd 600mW	RV6313	
8	DRAM6.8A10				6H	Vref 6.8±10%;TC 1.0m%/°C;Iz 20mA max;Pd 300mW;hFE 150 min;VCE 50	RV025	TO12
9	DRAM6.8A100				6H	Vref 6.8±5%;TC 10m%/°C;Iz 20mA max;Pd 300mW;hFE 150 min;VCE 50V.	RV025	TO12
10	DRAM6.8A25				6H	Vref 6.8±10%;TC 2.5m%/°C;Iz 20mA max;Pd 300mW;hFE 150 min;VCE 50	RV025	TO12
11	DRAM6.8A50				6H	Vref 6.8±10%;TC 5.0m%/°C;Iz 20mA max;Pd 300mW;hFE 150 min;VCE 50	RV025	TO12
12	DRAM6.8B10				6H	Vref 6.8±5%;TC 1.0m%/°C;Iz 20mA max;Pd 300mW;hFE 150 min;VCE 50V	RV025	TO12
13	DRAM6.8B100				6H	Vref 6.8±5%;TC 10m%/°C;Iz 20mA max;Pd 300mW;hFE 150 min;VCE 50V.	RV025	TO12
14	DRAM6.8B25				6H	Vref 6.8±5%;TC 2.5m%/°C;Iz 20mA max;Pd 300mW;hFE 150 min;VCE 50V	RV025	TO12
15	DRAM6.8B50				6H	Vref 6.8±5%;TC 5.0m%/°C;Iz 20mA max;Pd 300mW;hFE 150 min;VCE 50V	RV025	TO12
16	DRVM6.4B10N				5F	Vref 6.4V†;Vin 40VΔ;Zz 100ΩΔ;Tc 1.0m%/°CΔ;Pd 48mWΔ.	RV084	CN38
17	DRVM6.4B10P				5F	Vref 6.4V†;Vin 40VΔ;Zz 100ΩΔ;Tc 1.0m%/°CΔ;Pd 48mWΔ.	RV083	CN38
18	DRVM6.4B100N				5F	Vref 6.4V†;Vin 40VΔ;Zz100ΩΔ;Tc 10m%/°CΔ;Pd 48mWΔ.	RV084	CN38
19	DRVM6.4B100P				5F	Vref 6.4V†;Vin 40VΔ; Zz 100Ω; Tc 10m%°CΔ; Pd 48mWΔ.	RV083	CN38
20	DRVM6.4B25N				5F	Vref 6.4V†; Vin 40VΔ;Zz100ΩΔ;Tc 2.5m%/°CΔ;Pd 48mWΔ.	RV084	CN38
21	DRVM6.4B25P				5F	Vref 6.4V†;Vin 40VΔ;Zz 100ΩΔ;Tc 2.5m%/°CΔ;Pd 48mWΔ.	RV083	CN38
22	DRVM6.4B50N				5F	Vref 6.4V†; Vin 40VΔ;Zz100ΩΔ;Tc 5.0m%/°CΔ;Pd 48mWΔ.	RV084	CN38
23	DRVM6.4B50P				5F	Vref 6.4V†;Vin 40VΔ;Zz 100ΩΔ;Tc 5.0m%/°CΔ;Pd 48mWΔ.	RV083	CN38
24	HA1-1600-2				5C	Precision 10V Ref Source,Vin Range 14-20V,±1LSB Accuracy;forMax	RV6313	DL14cc
25	HA1-1600-8				5C	Precision 10V Ref Source;Vin Range 14-20V,±1LSB Accuracy;forMax	RV6313	DL14cc
26	HA1-1602-2				5C	Precision 10V Ref Source,Vin Range 14-20V,±2LSB Accuracy;forMax	RV6313	DL14cc
27	HA1-1602-8				5C	Precision 10V Ref Source;Vin Range 14-20V,±2LSB Accuracy;forMax	RV6313	DL14cc
28	HA1-1605-5				07	Precision 10V Ref Source,Vin Range 14-20V,±1LSB Accuracy;forMax	RV6313	DL14cc
29	HA-1600-5				07	Precision 10V Ref Source;Vin Range 12-20V,TC±1ppm/°C,Used Where	RV6320	DL14cc
30	HA-1610-2				5C	Precision 10V Ref Source;Vin Range 12-30V,Used Where Prec,Stab,L	RV6319	CN1g
31	HA-1610-5				07	Precision 10V Ref Source;Vin Range 12-30V,Used Where Prec,Stab,L	RV6319	CN1g
32	HA-1615-2				5C	Precision 10V Ref Source;Vin Range 12-30V,Used Where Prec,Stab,L	RV6319	CN1g
33	HA-1615-5				07	Precision 10V Ref Source;Vin Range 12-30V,Used Where Prec,Stab,L	RV6319	CN1g
34	LM103H3.0				5C	Monolithic Regulator Diode;Pd 250mWΔ;IF 100mAΔ;VF 1.0VΔ At IF 10	RV6405	CN25
35	LM103H				5C	Monolithic Regulator Diode;Pd 250mWΔ;IF 100mAΔ;VF 1.0VΔ at IF 10	RV6405	CN25
36	MC1403AP1				07	Precision 2.5V Ref;Vi 4.5-35V;Io 10mA;Line Reg 4.5mVΔ;Load Reg 1	RV6312	DL8ac
37	MC1403P1				07	Precision 2.5V Ref;Vi 4.5-35V;Io 10mA;Line Reg 4.5mVΔ;Load Reg 1	RV6312	DL8ac
38	MCLTC6010				6H	Current Lim Volt Ref;Vref 6.72V max At VIN 31V;Vref Change 10mV	RV6305	CN58
39	MCLTC6025				6H	Current Lim Volt Ref;Vref 6.72V max At VIN 31V;Vref Change 25mV	RV6305	CN58
40	MCLTC6050				6H	Current Lim Volt Ref;Vref 6.72V max At VIN 31V;Vref Change 50mV	RV6305	CN58
41	MCLTC6100				6H	Current Lim Volt Ref;Vref 6.72V max At VIN 31V;Vref Change 100mV	RV6305	CN58
42	MR405IP				28	5 Volt Reference;6ppm/°c TC;±0.8% Tolerance;10mA Output Current	RV6325	MD8☒
43	MT103-2.4				5C	Regulator diode;Breakdown Volt. 2.4V at Ir 1.0mA;Pd 250mW;TC -3.	RV005	CN25
44	MT103-2.7				5C	Regulator diode;Breakdown Volt 2.7V at Ir 1.0mA;Pd 250mW;TC -3.3	RV005	CN25
45	MT103-3.0				5C	Regulator diode;Breakdown Volt 3.0V at Ir 1.0mA;Pd 250mW;TC -3.3	RV005	CN25
46	MT103-3.3				5C	Regulator diode;Breakdown Volt 3.3V at Ir 1.0mA;Pd 250mW;TC -3.3	RV005	CN25
47	MT103-3.6				5C	Regulator diode;Breakdown Volt 3.6V at Ir 1.0mW;Pd 250mW;TC -3.3	RV005	CN25
48	MT103-3.9				5C	Regulator diode;Breakdown Volt 3.9V at Ir 1.0mA;Pd 250mW;TC -3.3	RV005	CN25
49	MT103-4.3				5C	Regulator diode;Breakdown Volt 4.3V at Ir 1.0mA;Pd 250mW;TC -3.3	RV005	CN25
50	MT103-4.7				5C	Regulator diode;Breakdown Volt 4.7V at Ir 1.0mA;Pd 250mW;TC -3.3	RV005	CN25
51	MT103-5.1				5C	Regulator diode;Breakdown Volt 5.1V at Ir 1.0mA;Pd 250mW;TC -3.3	RV005	CN25
52	MT103-5.6				5C	Regulator diode;Breakdown Volt 5.6V at Ir 1.0mA;Pd 250mW;TC -3.3	RV005	CN25
53	REF01DJ				07	Precision 10V Ref;Vo 10V±1.5%,Io 8.0mA min;TC 70ppm/°C typ for 0	RV6303	TO99
54	REF01DP				07	Precision 10V Ref;Vo 10V ±0.3%;Il 8.0mA*;Tc 70 ppm/°C Typ for 0°	RV6303	DL8j
55	REF01DZ				07	Precision 10V Ref;Vo 10V±.3%;Io 8mA min;TC 70ppm/°C max.	RV6303	DL8j
56	REF01GR				6F	Precision 10V Ref;Vo 10V±0.3%;Io 21mA typ;TC 10ppm/°C typ.		CH58
57	REF02GR				6F	Precision 5V Ref;Vo 10V±0.3%;Io 21mA typ;TC 10ppm/°C typ.		CH58
58	SG1503M				5C	Precision 2.5V Ref;Vin Range 4.5V to 40V;Load Reg. 8.0mV at ΔI 1	RV6312	DL8h
59	TAA940B				2F	Reference Diode; Stabilized Volt 33V; Tc 10 uV/°C ; Diff Res 10Ω		CN25a
60	TAA940C				2F	Reference Diode;Stabilized Volt 35V;TC 10u °C;Diff Res 10Ω		CN25a
61	TBA271A				07	Voltage Stabilizer;Vz 31V;Ri 25ΩΔ;TC 1.6mV/°CΔ;Iz 15mAΔ.	RV6403	CN28
62	TBA271B				07	Voltage Stabilizer;Vz 33V;Ri 25ΩΔ;TC 1.6mV/°CΔ;Iz 15mAΔ.	RV6403	CN28
63	TBA271C				07	Voltage Stabilizer;Vz 35V;Ri 25ΩΔ;TC 1.6mV/°CΔ;Iz 15mAΔ.	RV6403	CN28
64	VR8069AC				07	Volt Ref;Precision Bandgap;Tempco .001%/°C		TO52
65	VR8069BC				07	Volt Ref;Precision Bandgap;Tempco .0025%°C		TO52
66	VR8069CC				07	Volt Ref;Precision Bandgap;Tempco .005%/°C		TO52
67	VR8069CM				5C	Vot Ref;Precision Bandgap;Tempco .005%/°C		TO52
68	VR8069DC				07	Vot Ref;Precision Bandgap;Tempco 1.0%/°C		TO52
69	VR8069DM				07	Vot Ref;Precision Bandgap;Tempco 1.0%/°C		TO52
70▼	LM103-1.8	1.8		60	5C		RV005	CN25
71▼	LM103-2.0	2.0		60	5C		RV005	CN25
72▼	LM103-2.2	2.2		60	5C		RV005	CN25
73▼	LM103-2.4	2.4		60	5C		RV005	CN25
74	LM38BH1.2	2.5			07	1.25V Precision Ref:Fwd Cur 10mA,Rev 30mA,Noise60u	RV1919	T046
75	MC1500AU2	2.5			5C	Volt Ref;Data Conver/Instrumentation App	RV1906	DL8s
76	MC1500U2	2.5			5C	Volt Ref;Data Conver/Instrumentation App	RV1906	DL8s
77▼	LM103-2.7	2.7		60	5C		RV005	CN25
78▼	LM103-3.0	3.0		60	5C		RV005	CN25
79▼	LM103-3.3	3.3		60	5C		RV005	CN25
80▼	LM103-3.6	3.6		60	5C		RV005	CN25
81▼	LM103-3.9	3.9		60	5C		RV005	CN25
82▼	LM103-4.3	4.3		60	5C		RV005	CN25
83▼	LM103-4.7	4.7		60	5C		RV005	CN25
84	MC1500AU5	5.0			5C	Volt Ref;Data Conver/Instrumentation App	RV1906	DL8s
85	MC1500U5	5.0			5C	Volt Ref;Data Conver/Instrumentation App	RV1906	DL8s
86	LM168BYH5.0	5.0	±5.0		5C	300uA Oper Curr;.0001%/V typ line reg;.02% typ Initial accuracy	RV1903	CN11F
87▼	LM103-5.1	5.1		60	5C		RV005	CN25
88▼	LM103-5.6	5.6		60	5C		RV005	CN25
89	LM168BYH6.2	6.2	±5.0		5C	300uA Oper Curr;.0001%/V typ line reg;.02% typ Initial accuracy	RV1903	CN11F
90	MC1500AU6	6.25			5C	Volt Ref;Data Conver/Instrumentation App	RV1906	DL8s
91	MC1500U6	6.25			5C	Volt Ref;Data Conver/Instrumentation App	RV1906	DL8s
92	LM399AH-50	6.95			07	Precision 6.95V Ref,Ir 20mAΔ;If 1.0mΔ;Long Term Stability 50ppmΔ	RV6310	CN64
93	LH0070-0H	10			5C	Precision; VIn 40V max; Sink Source 10mA max	RV6315	TO5
94	LH0070-1H	10			5C	Precision; VIn 40V max; Sink Source 10mA max	RV6315	TO5
95	LH0070-2H	10			5C	Precision; VIn 40V max; Sink Source 10mA max	RV6315	TO5
96	MC1500AU10	10.0			5C	Volt Ref;Data Conver/Instrumentation App	RV1906	DL8s
97	MC1500U10	10.0			5C	Volt Ref;Data Conver/Instrumentation App	RV1906	DL8s
98▼	9496DE	10.0	3.0		06	Input voltage range 12V to 40V;Noise 30 uVpp max;Iout 10mA	RV1902	TO99
99	MC1504U10	10.0	55		5C	Vo 10V Trimmable Output;Δ±6% Vi Range;Vref 2.5 to 40V;No 12uV†.		DL8s
100	9495AE	15			5C	AMPL,Volt Ref 5 Volts;Temp Stab 3ppm/°C;Io 10mA	RV1901	TO99
101	9495BE	15			5C	AMPL,Volt Ref 5 Volts,Temp Stab 3ppm/°c,Io 10ma	RV1901	TO99
102	9495CE	15			07	AMPL,Volt Ref 5 Volts;Temp Stab 3ppm/°C;Io 10mA	RV1901	TO99
103	9495DE	15			06	AMPL,Volt Ref 5 Volts,Temp Stab 3ppm/°c,Io 10ma	RV1901	TO99
104	9495DJ	15			06	AMPL,Volt Ref 5 Volts,Temp Stab 3ppm/°c;Io 10ma	RV1901	DL8az
105	9495EE	15			07	AMPL,Volt Ref 5 Volts;Temp Stab 3ppm/°C;Io 10mA	RV1901	TO99
106	9495HE	15			06	AMPL,Volt Ref 5 Volts,Temp Stab 3ppm/°c,Io 10ma	RV1901	TO99
107	9495HJ	15			06	AMPL,Volt Ref 5 Volts,Temp Stab 3ppm/°c;Io 10ma	RV1901	DL8az
108	9496AE	15			5C	AMPL,Volt Ref 10 Volts;Temp Stab 3ppm/°C;Io 10mA	RV1902	TO99
109	9496BE	15			5C	AMPL;Volt Ref 10 Volts;Temp Stab 3ppm/°C;Io 10mA	RV1902	TO99
110	9496CE	15			07	AMPL,Volt Ref 10 Volts;Temp Stab 3ppm/°C;Io 10mA	RV1902	TO99

LINE No.	[4] TYPE NUMBER	[1] VO NOM (V)	[2] ΔVO/ΔT MAX (PPM /°C)	[3] DYN OUTPT RES MAX (Ω)	TEMP CODE - +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	DRAWINGS OUTLINE
1	9496DJ	15			06	Ampl,Volt Ref 10Volts,Temp Stab 3ppm/°C;Io 10mA	RV1902	DL8az
2	9496EE	15			07	AMPL,Volt Ref 10 Volts;Temp Stab 3ppm/°C;Io 10mA	RV1902	TO99
3	9496HE	15			06	AMPL;Volt Ref 10Volts;Temp Stab 3ppm/°C;Io 10ma	RV1902	TO99
4	9496HJ	15			06	Ampl,Volt Ref 10Volts,Temp Stab 3ppM/°C;Io 10mA	RV1902	DL8az
5▼	ZTK33DPD	33.0	2.0	25		Temperature compensated zener diode;Iz 10mA;tth 20 sec		DO35

ADJUSTABLE

LINE No.	TYPE NUMBER	VO NOM (V)	ΔVO/ΔT MAX (PPM /°C)	DYN OUTPT RES MAX (Ω)	TEMP CODE	ADDITIONAL DESCRIPTION	CIRCUIT	OUTLINE
9	AD584U				5C	4 Programmable Output Voltages,10,000V,7500V,5000V,2500V,Io 10mA	RV6316	CN1d
10	AD584JH	7.5 ±	30		07	7.5-30±V Ref;Long Term Stability 25ppm/1000hrs	RV6315	CN1y
11	REF81EJ	15			28	VOLTAGE REF for Telecommunication Application	RV1903	TO99
12	REF81HJ	15			28	VOLTAGE REF for Telecommunication Application	RV1903	TO99
13	REF82EJ	15			28	VOLTAGE REF for Telecommunication Application	RV1903	TO99
14	REF82HJ	15			28	VOLTAGE REF for Telecommunication Application	RV1903	TO99

16. WIDEBAND AMPLIFIERS – Wideband Amplifier

IN ORDER OF (1) MIN UPPER F3dB (2) MAX LOWER F3DB (3) AV MIN (4) TYPE NUMBER

WIDEBAND AMPLIFIERS

LINE No.	[4] TYPE NUMBER	TRANSFER CHARACTERISTICS 3dB FREQUENCY [1] MIN UPPER (Hz)	[2] MAX LOWER (Hz)	[3] AV MIN (dB)	NF MAX (dB)	INPT CHAR 25C VSWR MAX	@ Z SOURCE MAX (Ω)	OTPT CHAR 25C VSWR MAX	@ Z LOAD MAX (Ω)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TC EO MD PE -+	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
4	HEPC6010-RT			60	1.0m†					18		17		60LM10RX	4-1a
5♦	WM1146Q		35M	20 X	4.0 †	83 Y		624 Y		12		5C		11LM46QX	FP2v
6♦	SG1401J		40M†	26 Z	8.0	2.5kY		25 Y		12		5C		60LM20NX	TO116
7♦	SG2401J		40M†	26 Z	8.0	2.5kY		25 Y		12		07		60LM20NX	TO116
8♦	SG2401N		40M†	26 Z	8.0	2.5kY		25 Y		12		07		60LM20NX	DL14u
9♦	SG3401J		40M†	26 Z	6.0 †	2.5kY		50 Y		12		07		60LM20NX	TO116
10♦	SG3401N		40M†	26 Z	6.0 †	2.5kY		50 Y		12		07		60LM20NX	DL14u
11♦	SN5514JP		80M†	47		6.0kY		35 Y		12		5C		55LM14LX	DL8q
12♦	SG1401N		200M†	20 Z	8.0	2.5kY		25 Y		12		07		60LM20NX	DL14u
13♦	TAA232	30	45M†	20 X	4.0 †	83kX		1.9kX		12		5C		2TA32FX	TO91
14♦	CA3035	2.5M		38	7.0					15	300m	5C		30LM35VX	MO006AF
15♦	HA2-2530	4.0M	4.0MΔ	106			2.0M			30	180m	5C		25LM30ZX	TO99
16♦	HA2-2535	4.0M	4.0MΔ	106			2.0M			30	180m	07		25LM30ZX	TO99
17	SL571C	7.0M	130M	11	5.2					6.0		5H		5SL21AX	FP38
18	SL571B	7.0M	140M	11	5.2					6.0		5H		5SL21AX	FP38
19	SL571A	7.0M	150M	11	5.2					6.0		5H		5SL21AX	FP38
20	WJPA1	10M	100M	12	9.5	1.8		1.8		24		58			CN55a
21	WJPA2	10M	300M	9.5	9.5	1.8		2.0		24		58			CN55a
22	SL1521B	10M	315M	11	4.5					5.2		5C		15SL21AX	TO5
23	AH52	10M	500M	14	5.0	50 X		50 X		16		5A			CN2n
24♦	M5113P	20M	100k	60			3.0k	31kY	32k	10	187m	27		30LM13ZX	DL14d
25♦	M5113T	20M	100k	60			3.0k	32kY	32k	10	187m	27		30LM13ZX	TO100
26♦	uPC103A	25M	45k	13			10k			10	220m	37		1LM03AX	CN18e
27♦	uPC105A	25M	45k	13	16		10k			10	380m	37		1LM03AX	CN18e
28♦	G106	40M	4.0M	39	50 Y		10k	500 X	500k	12	192m		AGC provided	1GL06ZX	
29♦	TAA231	45M	30M	20	4.0 †		83k	1.9kX	1.9k	12	84m	07	adjustble gain	2TA31ZX	TO99
30♦	104OM	65M	40M	19						6.0	35m		adj. gain	10LM40MX	TO74
31♦	CTS861	140M	7.0M	11	4.0 †					6.0	110m	5C		8LM61HX	TO77
32	MHW1134	200M	5.0M	12	8.0		75		75	24		2A		11LM34ZX	MS16
33♦	WJA71	200M	5.0M	16	2.5		50	50 Y	50	15	135m	58			CN55a
34♦	SL550C	200M	5.0M	39	2.7		750	350 X	350	6.0	90m	4C		5SL50GX	DL16at
35♦	WJA79	250M	5.0M	13	6.5		50	50 Y	50	15	1.3	58			CN55a
36♦	WJA75-1	250M	5.0M	20	4.5					15	360m	58			CN55a
37♦	WJA75-2	250M	5.0M	20	4.5		50	50 Y	50	15	360m	58			CN55a
38♦	WJA74-1	250M	5.0M	30	5.0		50	50 Y	50	15	600m	58			CN55a
39♦	AH60	300M	5.0M	9.0 †	8.0 †		50	50 Y	50	24	3.6				CN22c
40♦	AH56K	300M	5.0M	9.5	5.0		50	50 X	50	12	120m				CN92
41♦	AH56L	300M	5.0M	10	5.0		50	50 X	50	12	240m				CN92
42	MHW2122	300M	40M	12	8.0		75		75	24		2A		11LM34ZX	MS16
43	MHW2162	300M	40M	16	6.5		75		75	24		2A		11LM34ZX	MS16
44	MHW2332	300M	40M	32	5.5		75		75	24		2A		11LM34ZX	MS16
45	MHW3171	330M	40M	16	6.0		75		75	24		2A		11LM34ZX	MS16
46	MHW3172	330M	40M	16	7.0		75		75	24		2A		11LM34ZX	MS16
47	MHW3181	330M	40M	17	6.0		75		75	24		2A		11LM34ZX	MS16
48	MHW3182	330M	40M	17	7.0		75		75	24		2A		11LM34ZX	MS16
49	MHW3222	330M	40M	21	6.5		75		75	24		2A		11LM34ZX	MS16
50	MHW3342	330M	40M	33	5.5	75 X		75 X		24		2A		11LM34ZX	MS16
51♦	WJEA2	400M	5.0M	13	5.7		50	1.8 Y	50	15	360m	5A			CN69
52♦	WJEA5	400M	5.0M	13	5.7		50	1.8 Y	50	15	360m	5A			CN69
53♦	WJA51	400M	10M	14	3.0		50		50	15		58	Cascadable amp		CN55a
54♦	WJA56	400M	400M	24	7.0	2.0		2.0		15	1.0	5A	Cascadable amp		CN55a
55♦	WJA54	400M	400M	26	5.5		50		50	15	510m	58	Cascadable amp		CN55a
56	MHW5181	450M	40M	18	6.5	75 X		75 X		24		2A		11LM34ZX	MS16
57	MHW5182	450M	40M	18	7.0	75 X		75 X		24		2A		11LM34ZX	MS16
58♦	LNA0410	500M	1.0M	13 †	3.5				50	12					TO8
59♦	AH59	500M	5.0M	11 †	7.0 †		50		50	12					CN2n
60	UPD522	500M	5.0M	22	6.5	2.0		2.0		15					DL14☑
61	UPD532	500M	5.0M	38	3.5	2.0		2.0		15					DL14☑
62	UPD531	500M	5.0M	44	3.5	2.0		2.0		15					DL14☑
63♦	AH53	500M	10M	13 †	5.5 †	1	50		50	16					CN2n
64♦	WJA53	500M	10M	14	3.5		50		50	15		58	Cascadable amp		CN55a
65♦	WJA55	500M	10M	14	6.0		50		50	15		58	Cascadable amp		CN55a
66♦	WJA57	500M	10M	14	6.0	2.0		2.0		15		5A	Cascadable amp		CN55a
67♦	WJA75-3	500M	10M	19	2.5	1.8		1.8		15		5A	Cascadable amp		CN55a
68♦	WJA9	500M	500M	10	10		50		50	24	2.6m	57	Cascadable amp		CN55a
69♦	WJA58	500M	500M	10	6.0		50		50	15	275m	58	Cascadable amp		CN55a
70♦	WJA59	500M	500M	10	6.5		50		50	15	1.3	58	Cascadable amp		CN55a
71♦	WJA3	500M	500M	14	4.0		50		50	15	135m	58	Cascadable amp		CN55a
72♦	WJA4	500M	500M	14	4.0		50		50	15	135m	58	Cascadable amp		FP33
73♦	WJA5	500M	500M	14	5.5		50		50	15	375m	58	Cascadable amp		CN55a
74♦	WJA5-5	500M	500M	14	5.5		50		50	15	360m	58	Cascadable amp		CN55a
75♦	WJA6	500M	500M	14	5.5		50		50	15	375m	58	Cascadable amp		FP33
76♦	WJA7	500M	500M	14	6.5		50		50	24	1.0	57	Cascadable amp		CN55a
77♦	WJA8	500M	500M	14	6.5		50		50	24	1.0	57	Cascadable amp		FP33
78♦	WJA72	500M	500M	14	5.0	1.7		1.7		5.0	150m	5A	Cascadable amp		CN55a
79♦	WJA1	500M	500M	15	3.0		50		50	15	750m	58	Cascadable amp		CN55a
80♦	WJA77	500M	500M	16	6.0		50		50	15	750m	58	Cascadable amp		CN55a
81♦	WJA75	500M	500M	20	3.0	1.8		1.8		15	360m	5A	Cascadable amp		CN55a
82♦	WJA74-2	500M	500M	25	5.0		50		50	5.0	65m	58	Cascadable amp		CN55a
83♦	WJA76	500M	500M	27	5.5		50		50	15	930m	58	Cascadable amp		CN55a
84♦	WJA74	500M	500M	28	5.5		50		50	15	600m	58	Cascadable amp		CN55a
85♦	WJA73	500M	500M	30	4.3		50		50	15	270m	58	Cascadable amp		CN55a
86♦	WJA5-6	500M	600M	15	5.5		50		50	15	360m	58	Cascadable amp		CN55a
87♦	WJA77-1	600M	600M	15	6.5		50		50	15	750m	58	Cascadable amp		CN55a
88♦	WJA11-1	600M	1.0G	14	3.5		50		50	15	135m	58	Cascadable amp		CN55a
89♦	WJA59-1	700M	10M	9.5	7.5		50		50	15		58	Cascadable amp		CN55a
90♦	WJA18	800M	10M	14	6.5		50		50	15		58	Cascadable amp		CN55a
91♦	ATF414	860M	40M	14	7.0 †					24	1.4	27		3LM22ZX	FP35
92	LNA1100	1.0G	1.0M	13 †	3.8			50 X		12					TO8
93♦	WJA11	1.0G	5.0M	14	4.0		50		50	15		58	Cascadable amp		CN55a
94♦	WJA13	1.0G	5.0M	14	5.0		50		50	15		58	Cascadable amp		CN55a
95♦	WJA15	1.0G	5.0M	14	6.5		50		50	15		58	Cascadable amp		CN55a
96♦	WJA11-2	1.0G	5.0M	15	3.0	1.9		1.9		15		5A	Cascadable amp		CN55a
97♦	WJA63	1.0G	5.0M	15	4.0	1.9		1.9		15		5A	Cascadable amp		CN55a
98	UPD1021	1.0G	5.0M	28	5.5	2.0		2.0		15					DL14☑
99	UPD1031	1.0G	5.0M	37	5.5	2.0		2.0		15					DL14☑
100▾	WJLG1	1.0G	10.0M									58	Linearizer		CN61a
101♦	WJA19	1.0G	10M	6.0	12		50		50	15		58	Cascadable amp		CN55a
102♦	WJA65	1.0G	10M	9.5	7.5		50		50	15		58	Cascadable amp		CN55a
103♦	WJA17	1.0G	10M	10	7.5		50		50	15		58	Cascadable amp		CN55a
104♦	WJL1	1.0G	50.0M			2.0		2.0		15.0		5A	Limiter		CN59b
105♦	WJA29#2	1.2G	10M	4.5	13		50		50	15		58	Cascadable amp		CN55a
106♦	WJA64	1.2G	10M	24	4.3	1.9		1.9		15	525m	5A	Cascadable amp		CN55a
107♦	WJA25	1.5G	5.0M	9.0	7.5		50		50	15		58	Cascadable amp		CN55a
108♦	WJA23	1.5G	5.0M	10	5.5		50		50	15		58	Cascadable amp		CN55a
109♦	WJA24	1.5G	5.0M	19	5.3	2.0		2.0		15		5A	Cascadable amp		CN55a
110♦	WJA29#1	1.5G	10M	3.5	13		50		50	15		58	Cascadable amp		CN55a

16. WIDEBAND AMPLIFIERS – Wideband Amplifier (cont'd)

IN ORDER OF (1) MIN UPPER F3dB (2) MAX LOWER F3DB (3) AV MIN (4) TYPE NUMBER

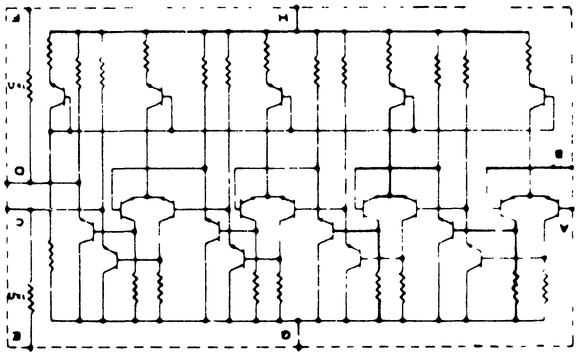
LINE No.	[4] TYPE NUMBER	TRANSFER CHARACTERISTICS 3dB FREQUENCY [1] MIN UPPER (Hz)	[2] MAX LOWER (Hz)	[3] AV MIN (dB)	NF MAX (dB)	INPT CHAR 25C VSWR MAX	@ Z SOURCE MAX (Ω)	OTPT CHAR 25C VSWR MAX	@ Z LOAD MAX (Ω)	PWR SUP @ 25°C RATED SPECS TOTAL VOLT (V)	PD MAX (W)	TEMP -	CODE +	ADDITIONAL DESCRIPTION	DRAWINGS CIRCUIT	OUTLINE
1♦	WJA27	1.5G	10M	7.5	9.0		50		50	15	750m	58		Cascadable amp		CN55a
2♦	WJA28	1.5G	10M	10	7.0		50		50	15	675m	58		Cascadable amp		CN55a
3▾	WJG1	2.0G	5.0M							15.0		5A		Attenuator	OWJ1ZX	CN61
4♦	WJA35	2.0G	10M	8.0	8.0		50		50	15	360m	58		Cascadable amp		CN55a
5♦	WJA37	2.0G	10M	8.0	8.0		50		50	15	675m	58		Cascadable amp		CN55a
6♦	WJA33	2.0G	10M	8.5	6.5		50		50	15	210m	58		Cascadable amp		CN55a
7♦	WJA31	2.0G	10M	12	4.0		50		50	15	135m	5A		Cascadable amp		CN55a
8♦	WJA34	2.0G	100M	15	6.5	1.9		1.9		15	510m	5A		Cascadable amp		CN55a
9	UPD2032	2.0G	1.0G	24	5.5	2.0		2.0		15						DL14☒
10♦	WJA34-1	2.3G	1.5G	13	6.8	2.0		2.0		15	510m	5A		Cascadable amp		CN55a

SYMBOLS AND CODES EXPLAINED IN INTERPRETER

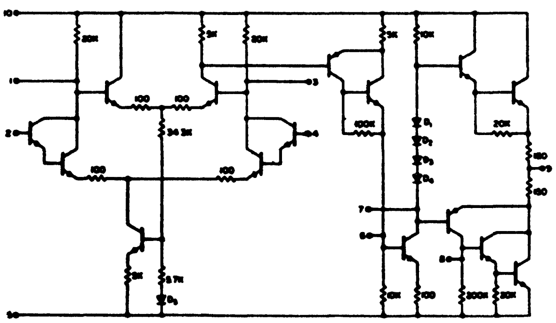
17. CIRCUIT DRAWINGS

3LM50ZX
Video Amplifier

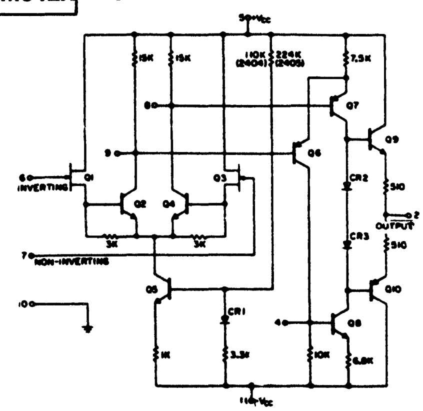
A	B	C	D	E	F	G	H
1	2	6	5	7	4	9	3
8	9	3	2	4	1	6	10



8LM05ZX
Single Operational Amplifier

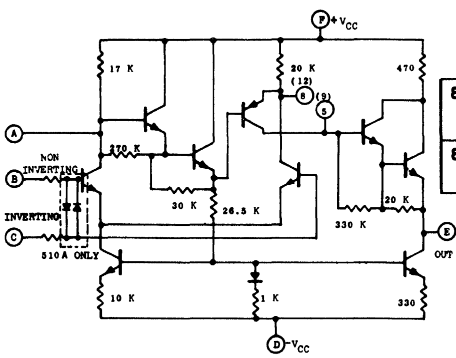


24LM04ZX
Single Operational Amplifier



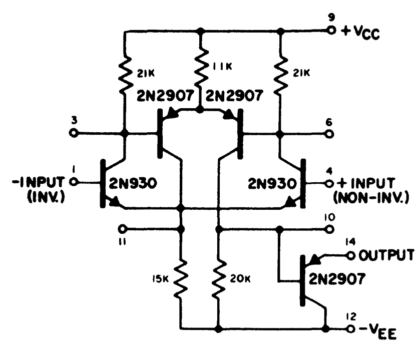
8ZL10ZX | 8ZL11EX
8ZL10ZX – Dual Operational Amplifier

8ZL11EX – Single Operational Amplifier–8 pin DIP or Can

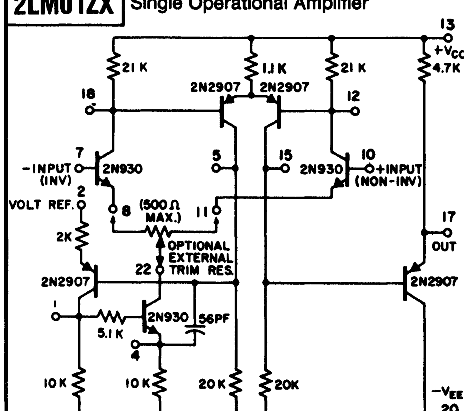


	PKG	A	B	C	D	E	F
8ZL10ZX	CN	1	3	2	4	6	7
	MP	3		4	6	10	11
8ZL11EX	CN	11	8	9	7	12	14
	MP	3	6	5	7	2	14

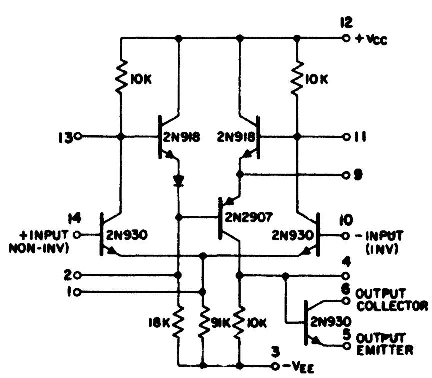
2LM00ZX
Single Decompensated Operational Amplifier



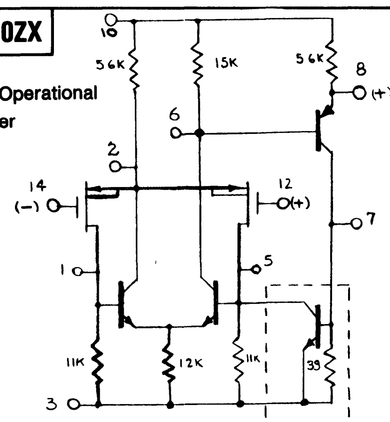
2LM01ZX
Single Operational Amplifier



2LM10FX
Single Decompensated Operational Amplifier



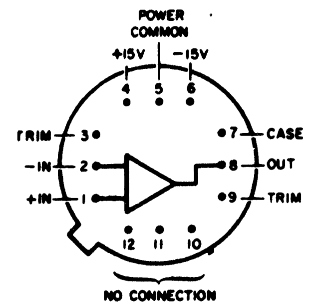
2LM50ZX
Single Operational Amplifier



PC-251 HAS SHORT CIRCUIT PROTECTION

17. CIRCUIT DRAWINGS

5LM01ZX Single Operational Amplifier

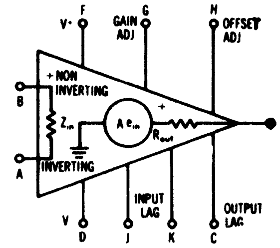


14LM33GX 14LM33FX 14LM33NX

14LM33GX – Single Operational Amplifier–10 pin Can

14LM33FX – Single Operational Amplifier–10 pin F.P.

14LM33NX – Single Operational Amplifier–14 pin DIP



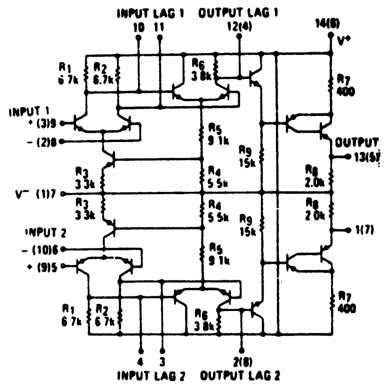
PACKAGE	A	B	C	D	E	F	G	H	J	K
14LM33GX	1	2	3	4	5	6	7	8	9	10
14LM33FX	10	1	2	3	4	5	6	7	8	9
14LM33NX	4	5	6	7	11	12	13	14	2	3

14LM35GX 14LM35FX 14LM35ZX

14LM35FX – Dual Operational Amplifier–10 pin F.P.

14LM35ZX – Dual Operational Amplifier–14 pin DIP

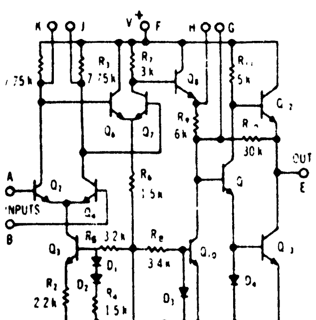
Number at end of terminal is pin number for both 14LM35ZX and 14LM35FX. Number in parenthesis is pin number 14LM35GX. Input lag available in flat and plastic packages.



14LM30GX 14LM30FX 14LM30ZX

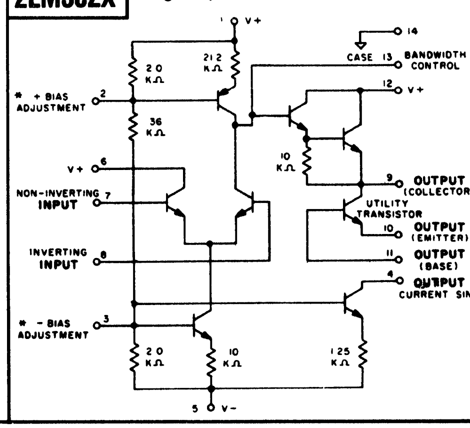
14LM30FX – Single Operational Amplifier–10 pin F.P.

14LM30ZX – Single Operational Amplifier–14 pin DIP

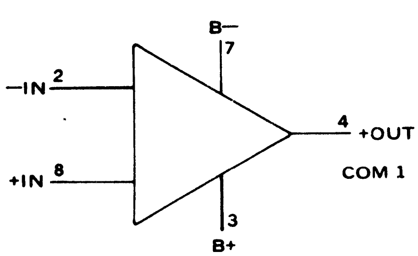


PACKAGE	A	B	C	D	E	F	G	H	J	K
14LM30GX	1	2	3	4	5	6	7	8	9	10
14LM30FX	1	2	3	4	5	6	7	8	9	10
14LM30ZX	4	6	8	7	11	12	13	14	1	2

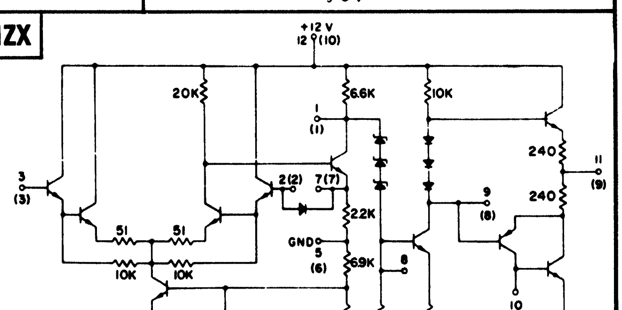
2LM38ZX Single Operational Amplifier



4LM009ZX Single Operational Amplifier



8LM00ZX 8LM00HX 8LM01ZX



8LM01ZX – Single Operational Amplifier

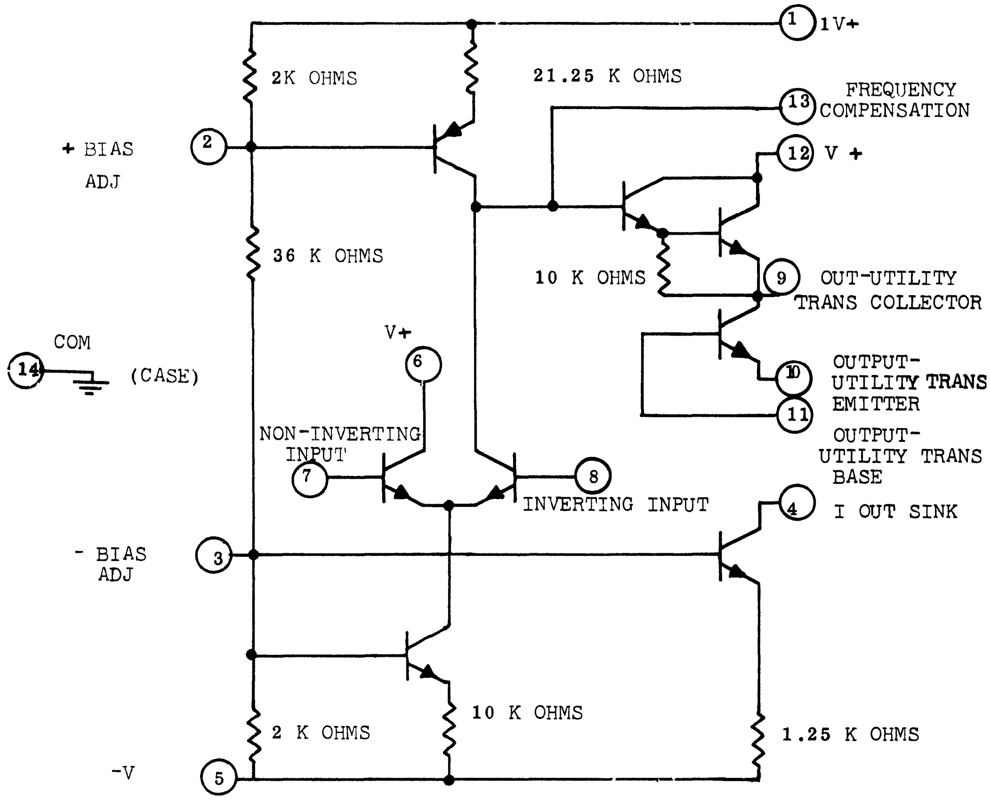
8LM00ZX – Single Operational Amplifier–10 pin Can

8LM00HX – Single Operational Amplifier–8 pin DIP or Can

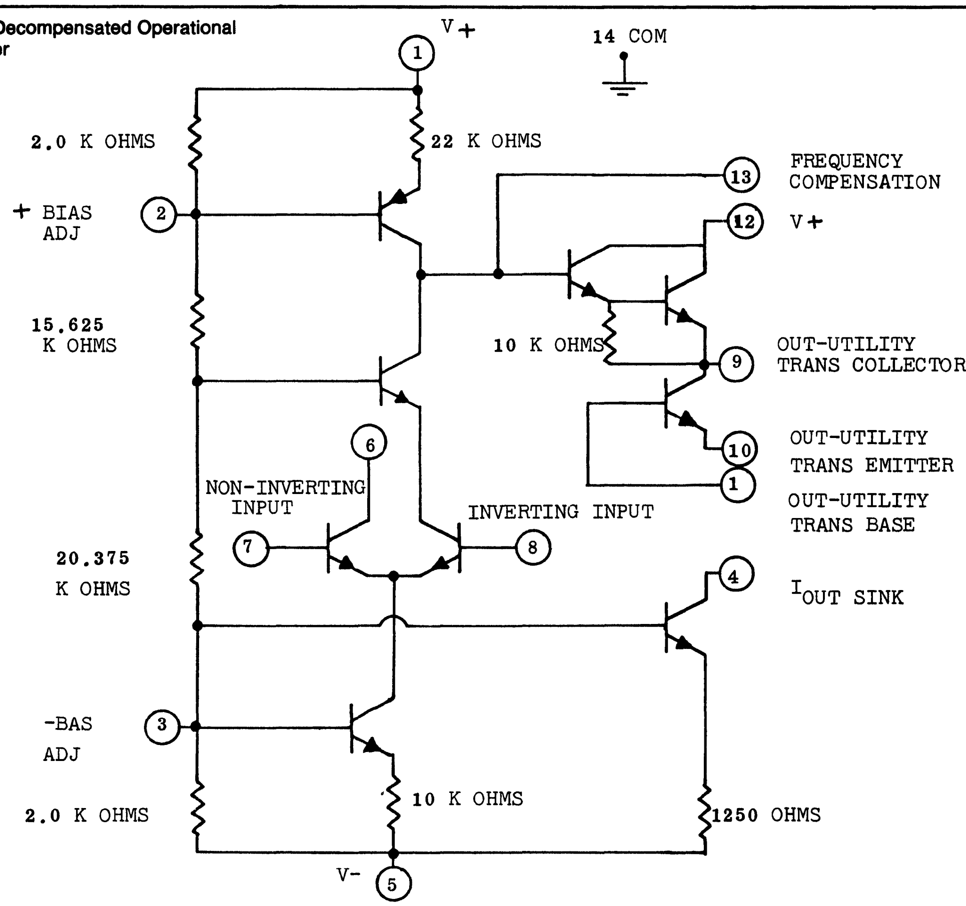
NUMBERS IN PARENTHESES REFER TO 8LM00ZX

17. CIRCUIT DRAWINGS

3LM38ZX Single Decompensated Operational Amplifier



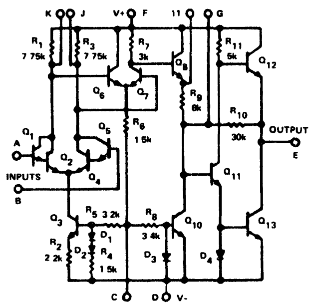
3LM40ZX Single Decompensated Operational Amplifier



17. CIRCUIT DRAWINGS

14LM31GX	14LM31FX	14LM31ZX

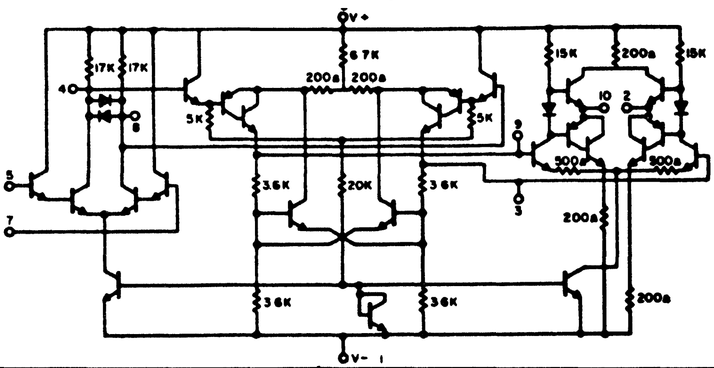
14LM31GX – Single Operational Amplifier–10 pin Can
14LM31FX – Single Operational Amplifier–10 pin F.P.
14LM31ZX – Single Operational Amplifier–14 pin DIP



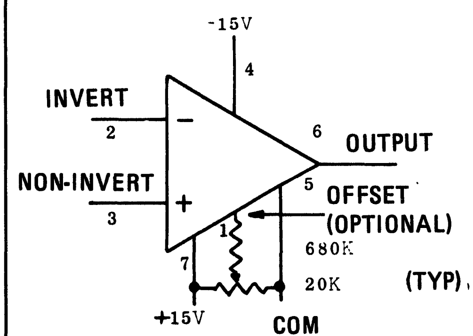
PACKAGE	A	B	C	D	E	F	G	H	J	K
14LM31GX	1	2	3	4	5	6	7	8	9	10
14LM31FX	1	2	3	4	5	6	7	8	9	10
14LM31ZX	4	6	8	7	11	12	13	14	1	2

5LM16FX	5LM16KX	5LM16ZX

5LM16ZX – Single Operational Amplifier–14 pin DIP
5LM16FX – Single Operational Amplifier–10 pin F.P.
5LM16KX – Single Operational Amplifier–10 pin Can



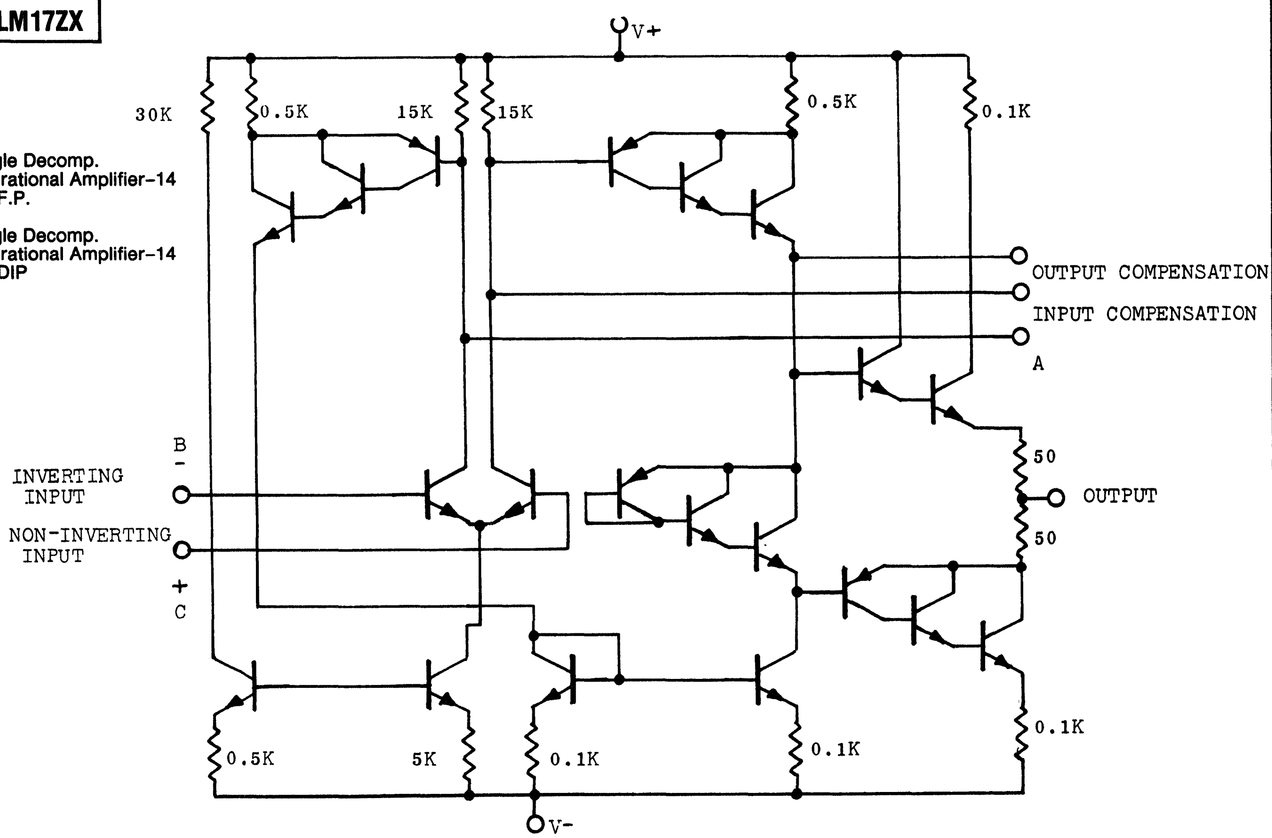
4LM9ZX Single Operational Amplifier



5LM17FX	5LM17ZX

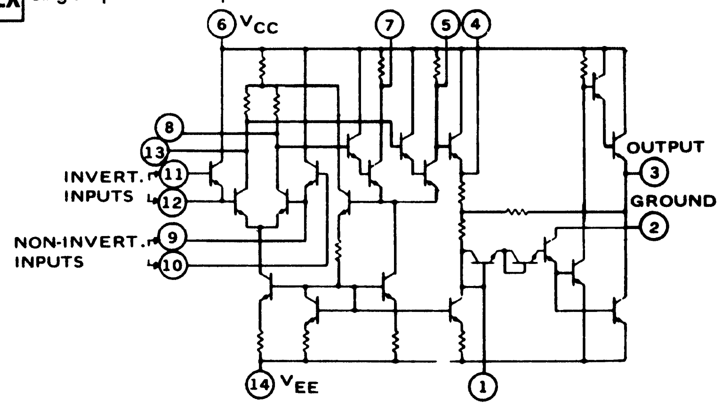
5LM17FX – Single Decomp. Operational Amplifier–14 pin F.P.

5LM172X – Single Decomp. Operational Amplifier–14 pin DIP

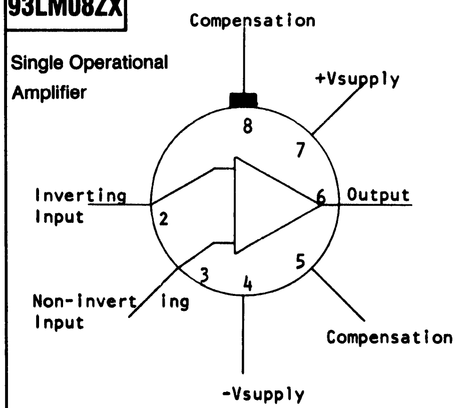


17. CIRCUIT DRAWINGS

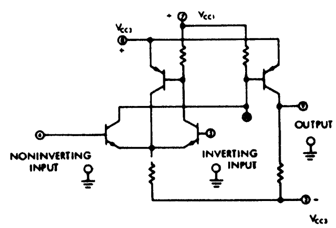
30LM33ZX Single Operational Amplifier



93LM08ZX Single Operational Amplifier

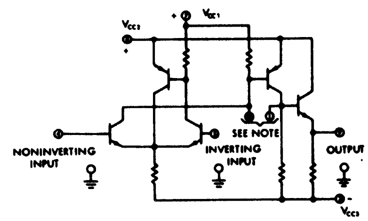


5LM21FX Single Operational Amplifier



NOTES: PIN ⑩ IS FOR FREQUENCY SHAPING
PINS ①, ②, AND ⑥ — NO INTERNAL CONNECTION

5LM22FX Single Operational Amplifier



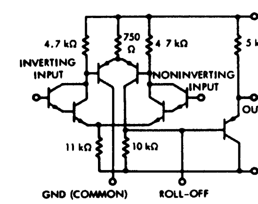
NOTES PINS ⑩ AND ① ARE FOR FREQUENCY SHAPING
PINS ② AND ⑥ — NO INTERNAL CONNECTION

5LM24FX 5LM24LX 5LM24ZX

5LM24FX – Single Operational Amplifier–8 pin DIP or Can

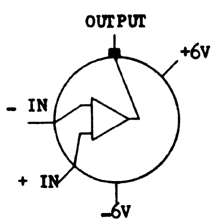
5LM24LX – Single Operational Amplifier–10 pin F.P.

5LM24ZX – Single Operational Amplifier–14 pin DIP

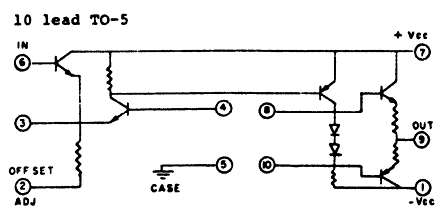


	IN	IN	V_{CC1}	V_{CC2}	ROLL OFF	OUT	GND
5LM24FX	5	1	6	9	10	8	3
5LM24LX	3	1	5	7	8	6	2
5LM24ZX	6	2	9	12	13	11	4

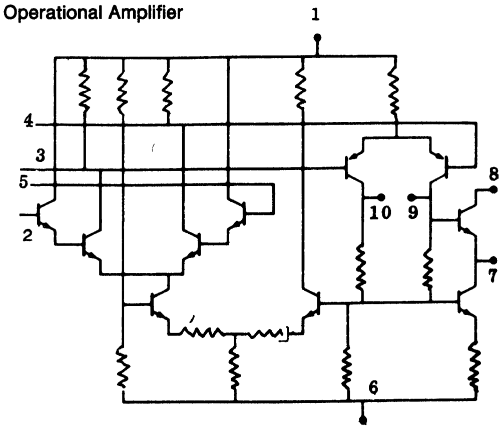
93LM00ZX Single Operational Amplifier



8LM62ZX Single Operational Amplifier

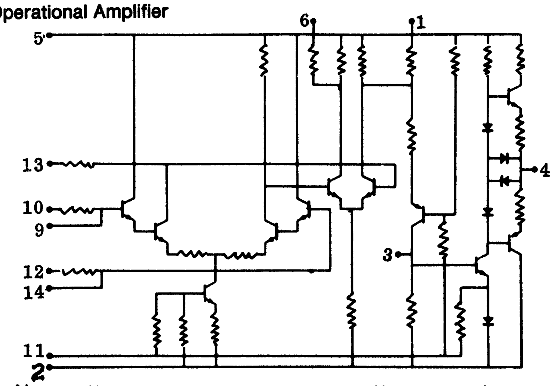


1LM82ZX Single Operational Amplifier



17. CIRCUIT DRAWINGS

1LM91ZX
Single Operational Amplifier



Note: offset may be adjusted externally to zero by a 5 kΩ potentiometer between pins 5 and 13.

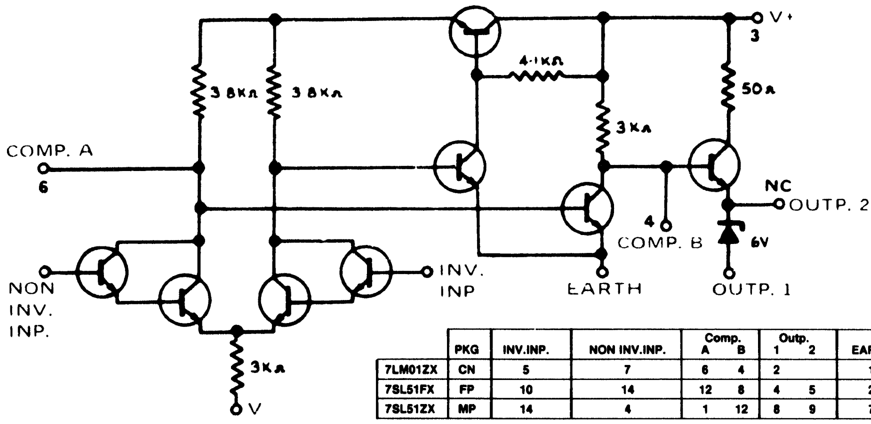
1. Compensation
2. Negative supply
3. Compensation
4. Output
5. Positive supply
6. Compensation
7. (not connected)
8. (not connected)
9. Compensation
10. Inverting input
11. Ground (supply retur
12. Non-inverting input
13. Offset adjust
14. Compensation

7LM01ZX | 7SL51FX | 7SL51ZX

7LM01ZX - Single Operational Amplifier

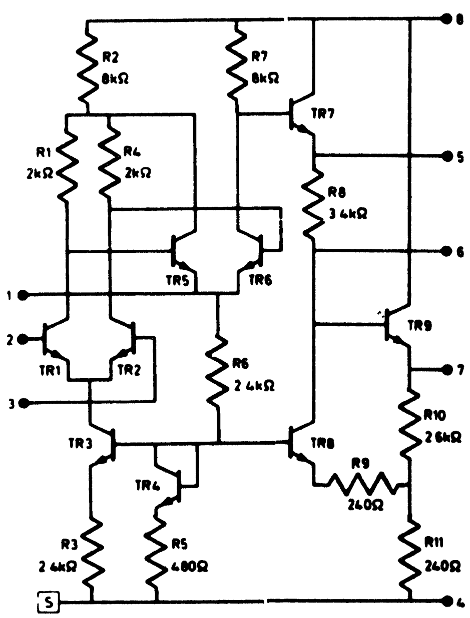
7SL51FX - Single Operational Amplifier- 14 pin F.P.

7SL51ZX - Single Operational Amplifier- 14 pin DIP

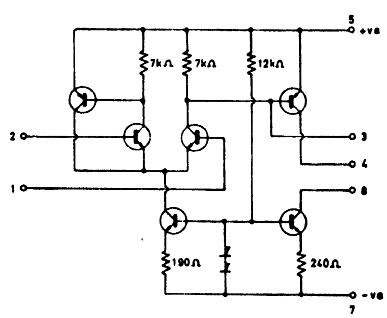


	PKG	INV.INP.	NON INV.INP.	Comp. A	Comp. B	Outp. 1	Outp. 2	EARTH	V+	V-
7LM01ZX	CN	5	7	6	4	2		1	3	8
7SL51FX	FP	10	14	12	8	4	5	2	7	1
7SL51ZX	MP	14	4	1	12	8	9	7	11	5

2LM41ZX
Single Operational Amplifier



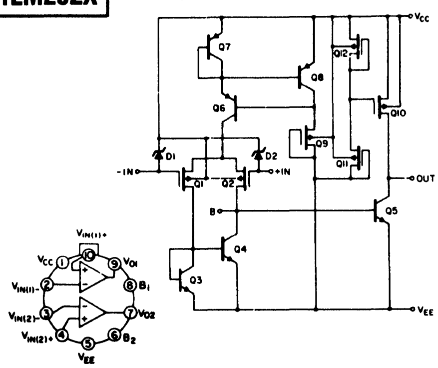
0LM2ZX
Single Operational Amplifier



17. CIRCUIT DRAWINGS

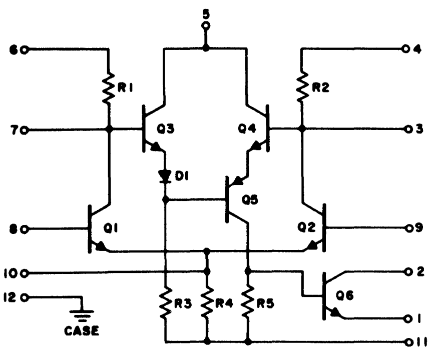
1LM20ZX

Dual Operational Amplifier



2LM10ZX

Single Operational Amplifier

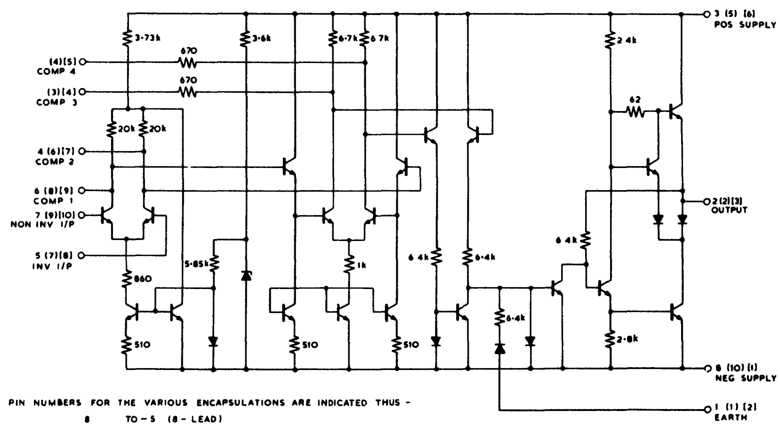


7LM03ZX | 7LM04FX | 7LM04HX

7LM03ZX – Single Decomp. Operational Amplifier–10 pin Can

7LM04FX – Single Decomp. Operational Amplifier–10 pin F.P.

7LM04HX – Single Decomp. Operational Amplifer

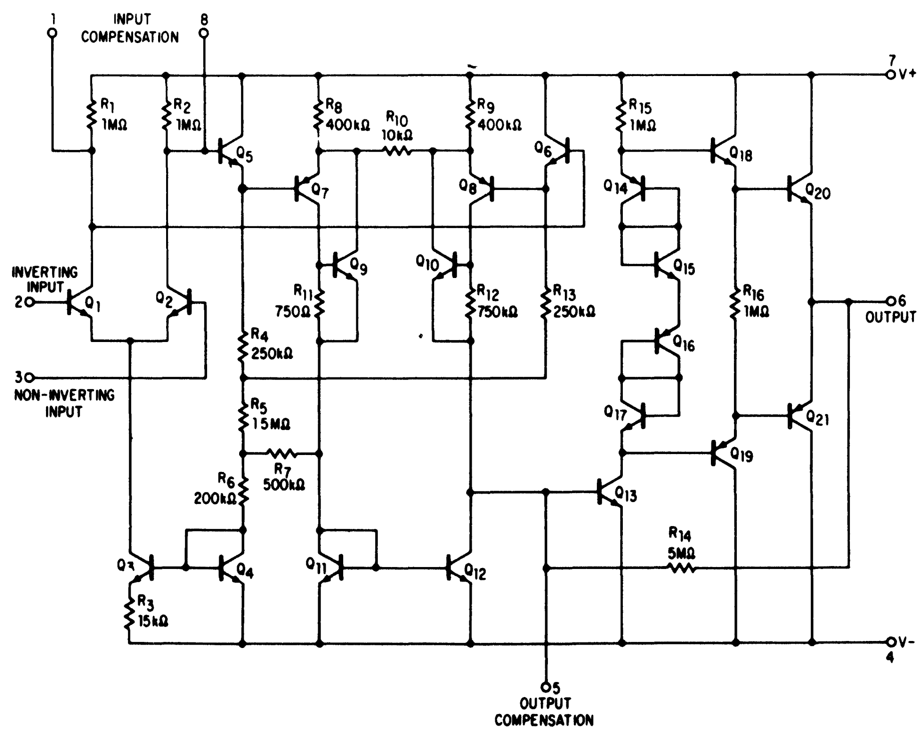


PIN NUMBERS FOR THE VARIOUS ENCAPSULATIONS ARE INDICATED THUS –
8 TO–5 (8–LEAD)
(10) TO–5 (10–LEAD)
(10) FLATPACK (10–LEAD)

	COMP 4	COMP 3	COMP 2	COMP 1	IN	IN	+SUP	OUT	-SUP	EARTH
7LM03ZX			4	6	7	5	3	2	8	1
7LM04HX	4	3	6	8	9	7	5	2	10	1
7LM04FX	5	4	7	9	10	8	6	3	1	2

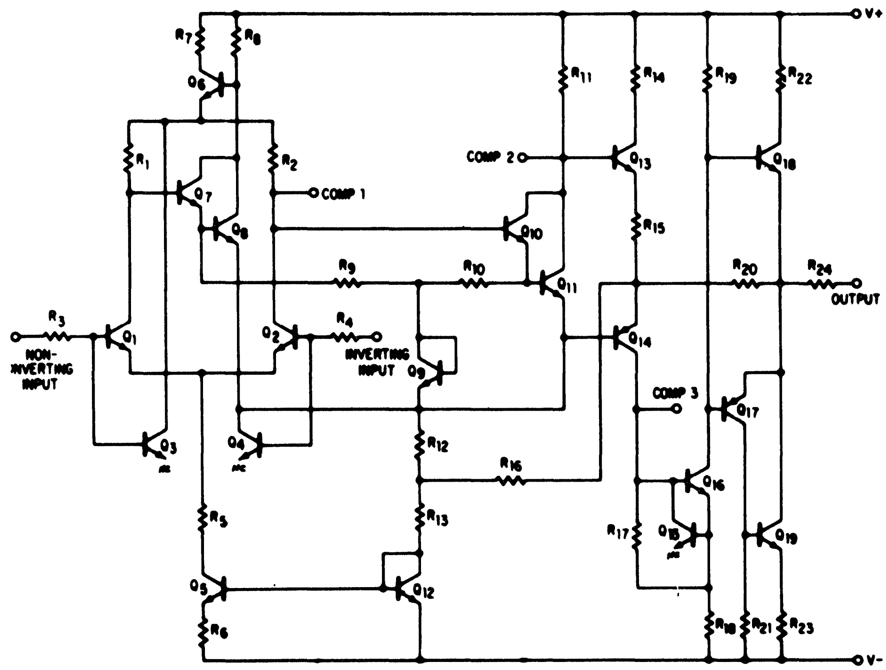
7LM35ZX

Single Decompensated Operational Amplifier

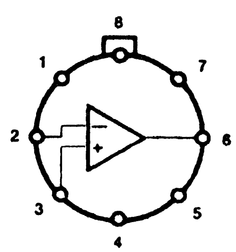


17. CIRCUIT DRAWINGS

7LM44ZX Single Decompensated Operational Amplifier



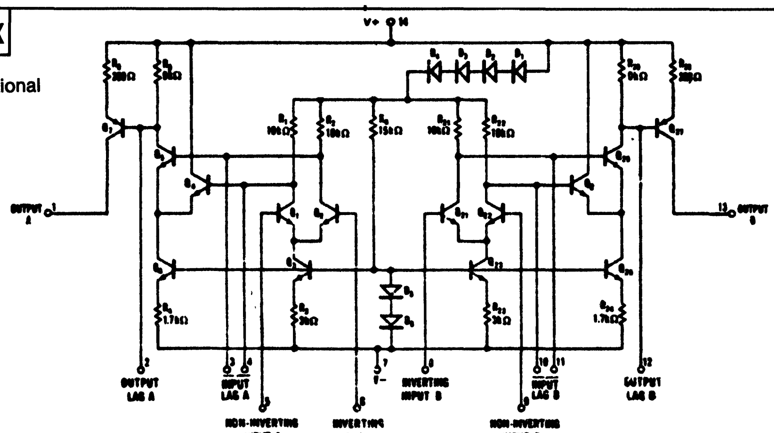
27LM00HX **35LM05HX** **35LM40HX** **7LM14HX** Single Operational Amplifier



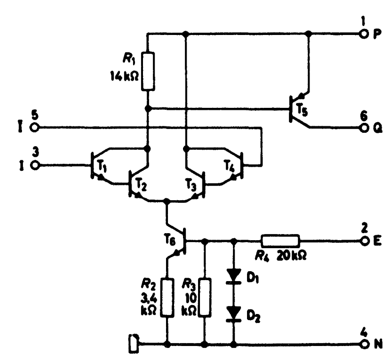
	PIN NUMBERS							
	1	2	3	4	5	6	7	8
27LM00HX	OFF. ADJ.	IN–	IN	V–	OUT		V	OFF.ADJ.
35LM05HX	OFFSET ADJ	IN–	IN–	V–	OFFSET ADJ	OUT	V	BANDWIDTH CONTROL
35LM40HX	OFF.ADJ.	IN–	IN	CASE	OFF.ADJ.	OUT	V	N.C.
7LM14HX	OFF.NULL	INV.INP	NON INV INP	V–	N.C.	OUTP	V	OFF NULL

7LM49NX

Dual Operational Amplifier



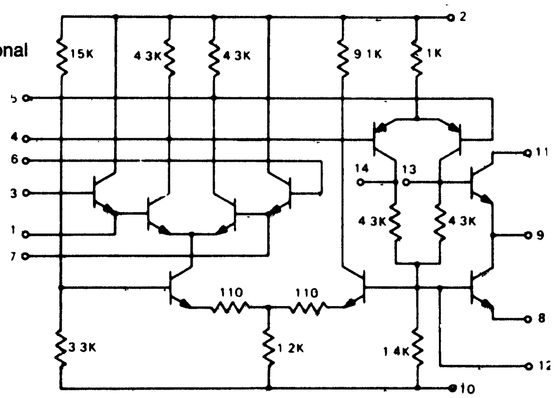
4LM45ZX Single Operational Amplifier



17. CIRCUIT DRAWINGS

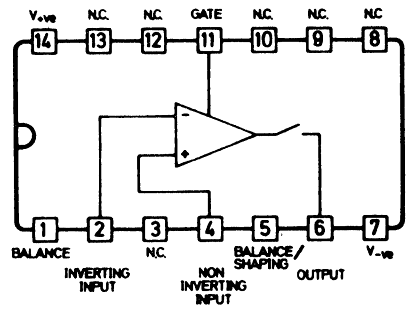
3LM06ZX

Single Decomp. Operational Amplifier



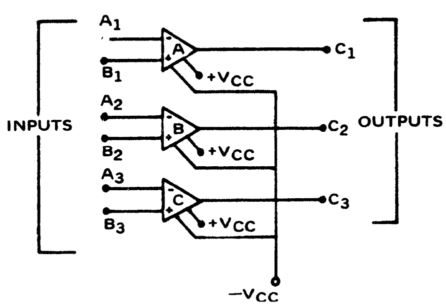
4LM02NX

Gated Operational Amplifier– 14 pin DIP



7TR41IX

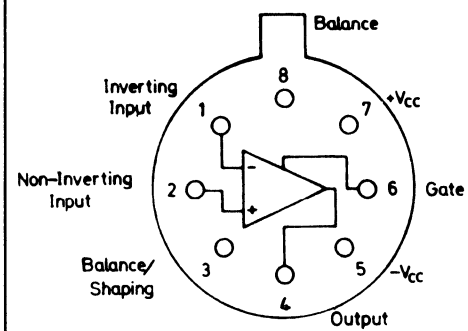
Triple Operational Amplifier



	CKT	A	B	C	+VCC	-VCC
7TR41IX	1	13	14	2	12	8
	2	4	5	11	3	
	3	9	10	7	8	

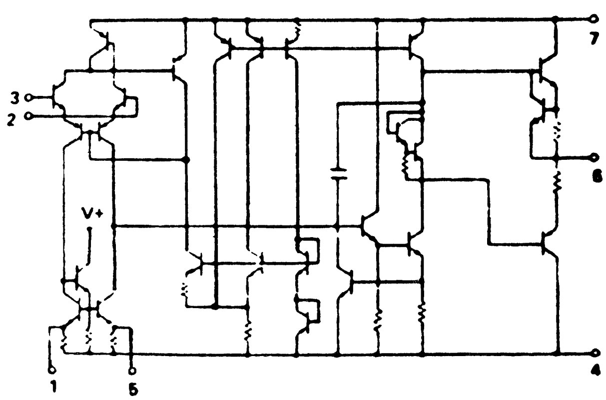
4LM02NX

Gated Operational Amplifier– 8 pin DIP or Can



51LM41ZX

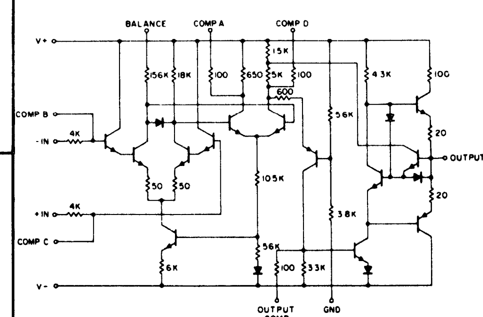
Single Operational Amplifier



1LM74ZX 1LM74FX

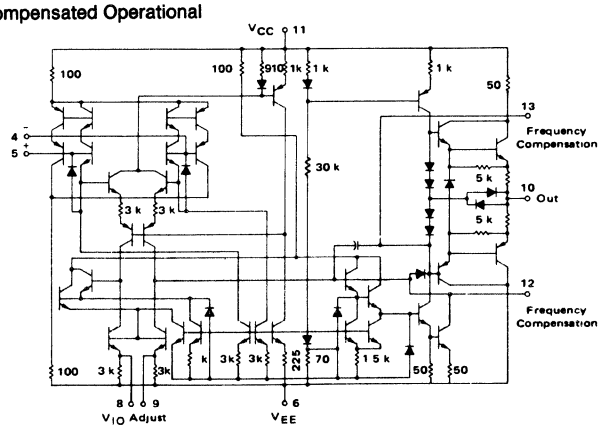
1LM74ZX – Single Decomp. Operational Amplifier-12 pin Can

1LM74FX – Single Decomp. Operational Amplifier-14 pin F.P.

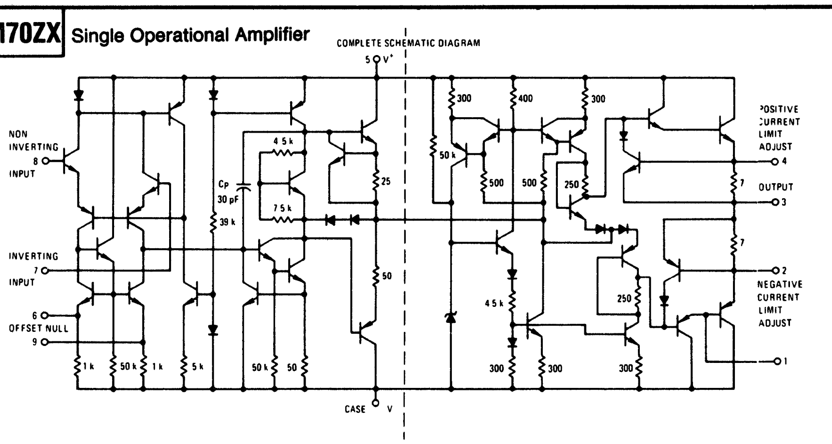


70LM42ZX

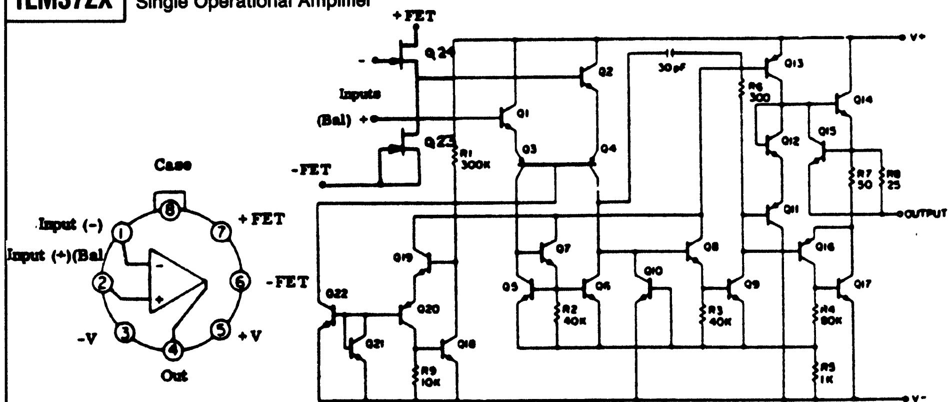
Single Decompensated Operational Amplifier



28LM70ZX Single Operational Amplifier



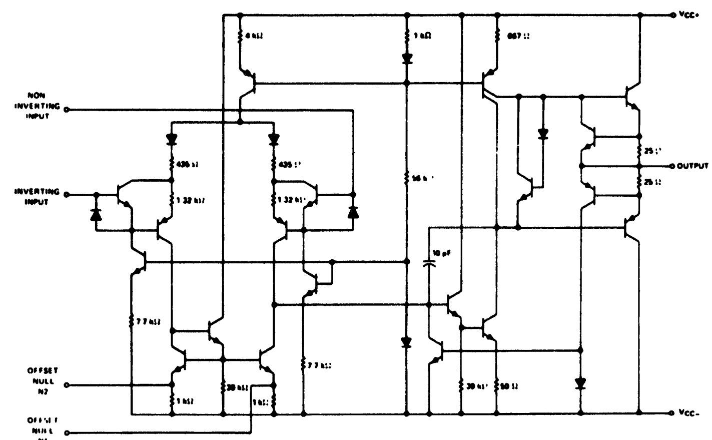
1LM37ZX Single Operational Amplifier



7LM71HX 7LM71FX

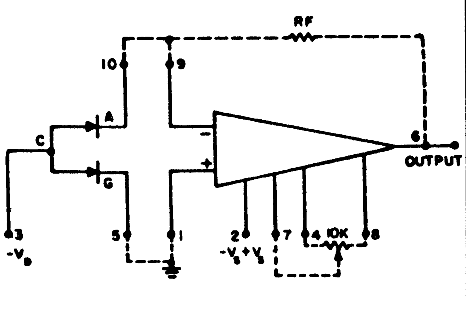
7LM71HX - Single Operational Amplifier- 8 pin DIP or Can

7LM71FX - Single Operational Amplifier- 14 pin F.P.

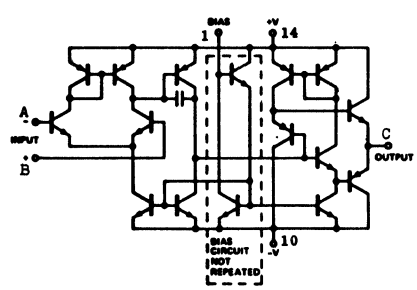


	PKG	NON INV IN	INV IN	N2	N1	OUT	V+	V-
7LM71HX	CN,MP	3	2	5	1	6	7	4
7LM71FX	FP,MP	5	4	9	2	10	11	7

10LM00ZX Single Operational Amplifier



1LM43LX Triple Operational Amplifier



	CKT	A	B	C
1LM43LX	1	13	12	2
	2	3	4	11
	3	6	5	9

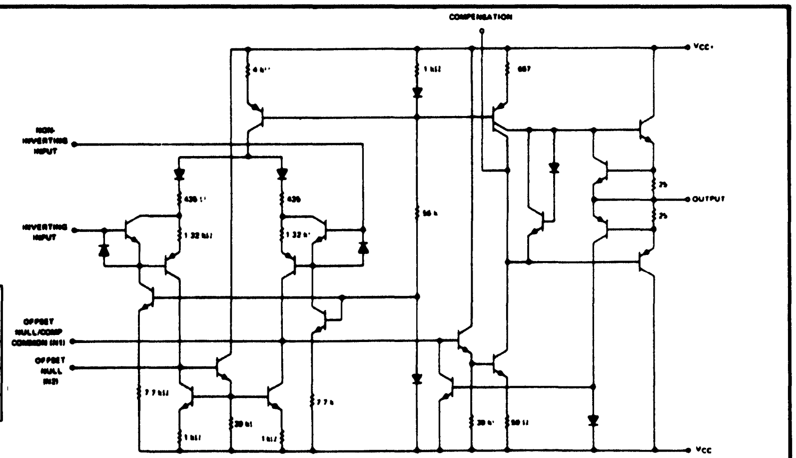
7LM70HX | 7LM70FX | 7LM70JX

7LM70HX – Decomp. Operational Amplifier–8 pin DIP or Can

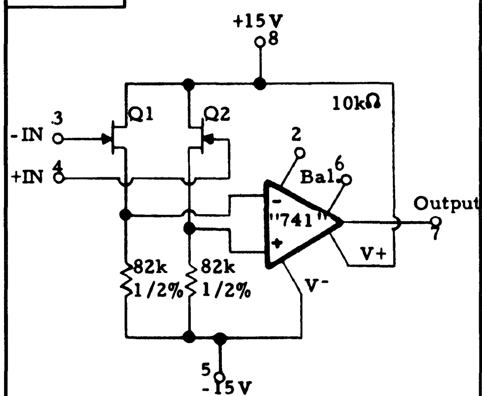
7LM70FX – Decomp. Operational Amplifier–14 pin F.P.

7LM70JX – Decomp. Operational Amplifier–14 pin DIP

	INV IN	NON INV IN	N1	N2	COMP	OUT	V+	V–
7LM70HX	2	3	1	5	8	6	7	4
7LM70FX	4	5	2	9	12	10	11	7
7LM0JX	4	5	2	9	12	10	11	7

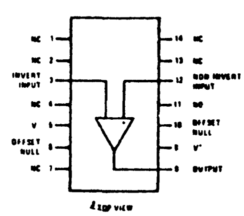


7LM41LX Single Operational Amplifier



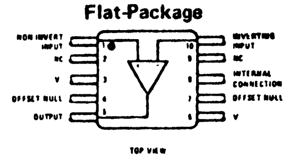
00LM42NX Single Operational Amplifier– 14 pin DIP

Dual-In-Line Package



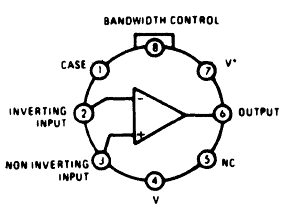
00LM42FX Single Operational Amplifier– 10 pin F.P.

Flat-Package

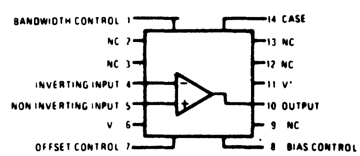


LH0022 & LH0042 Only

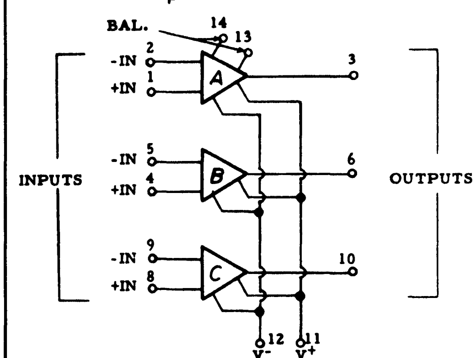
9LM09HX Single Operational Amplifier



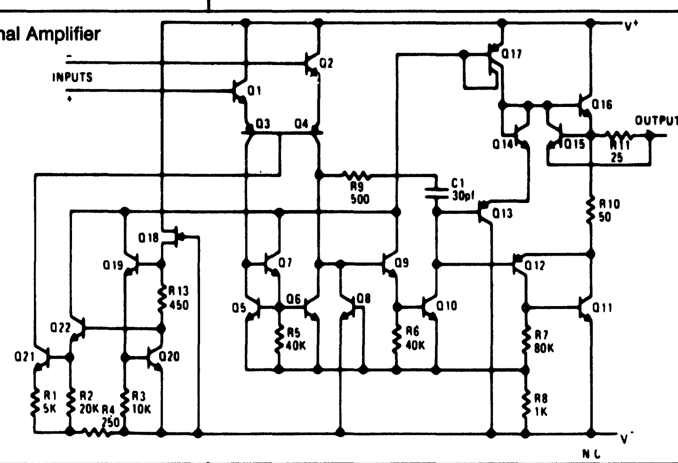
9LM09FX Single Operational Amplifier



7LM41IX Triple Operational Amplifier– 14 pin DIP

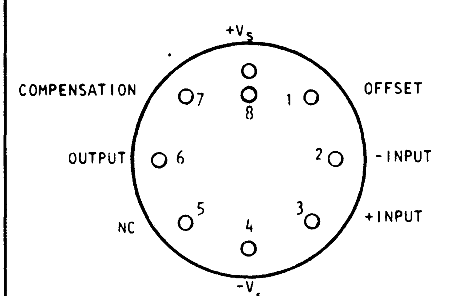


21LM07HX Single Operational Amplifier



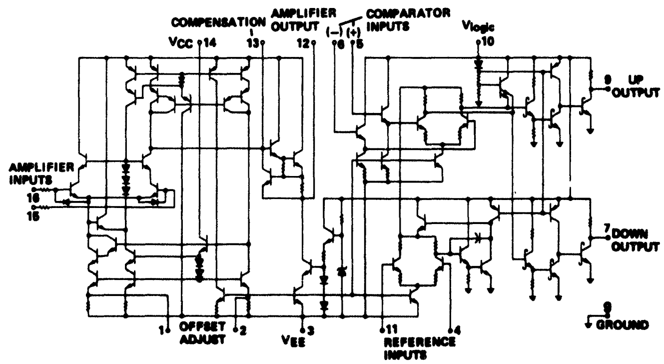
97LM37HX Single Decomp. Operational Amplifier

BOTTOM VIEW:

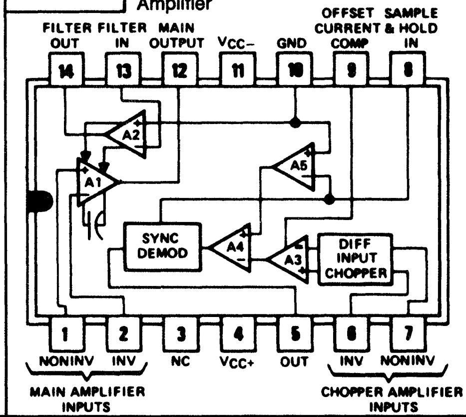


17. CIRCUIT DRAWINGS

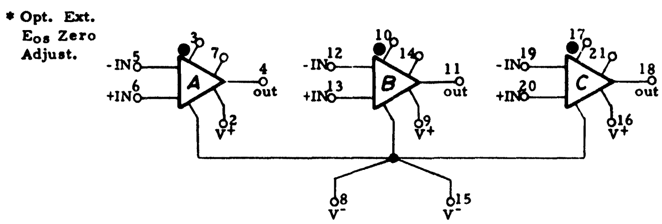
14LM07NX Analog A/D Building Block



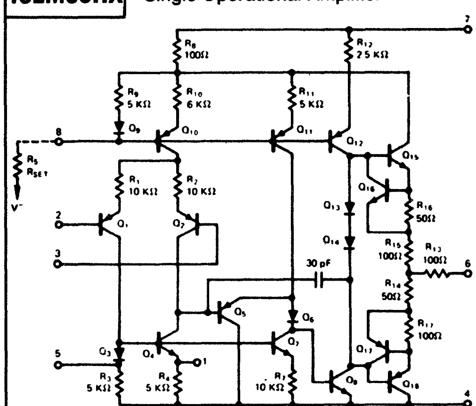
62M088NX Chopper-Stabilized Operational Amplifier



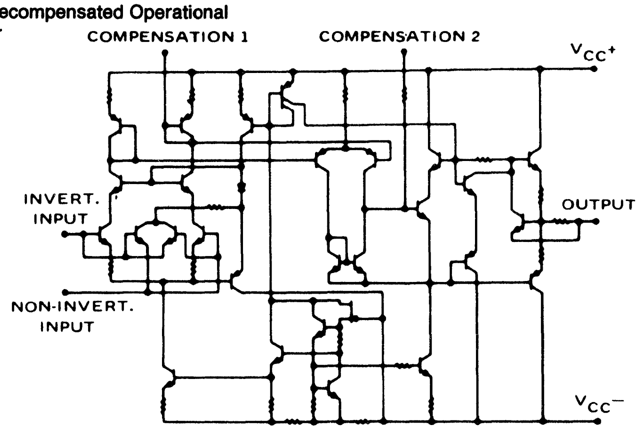
7LM41ZX Triple Operational Amplifier–
22 pin DIP



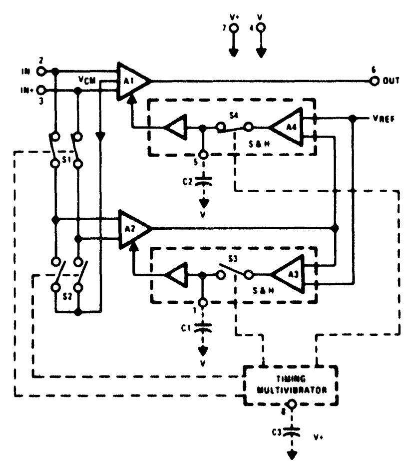
10LM03HX Single Operational Amplifier



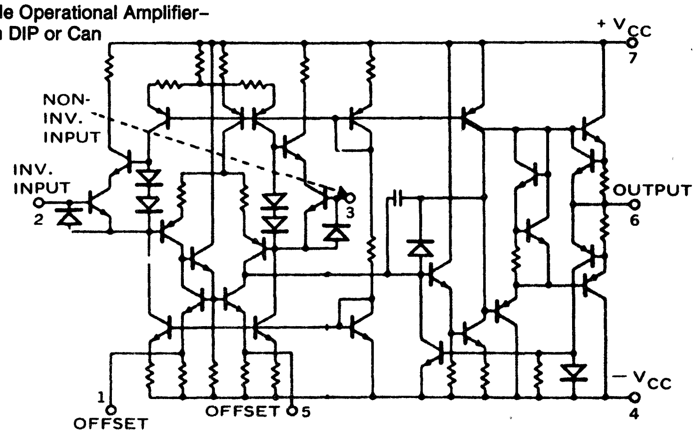
6LM60JX Single Decompensated Operational Amplifier



29LM00ZX Chopper-Stabilized Operational Amiplifer

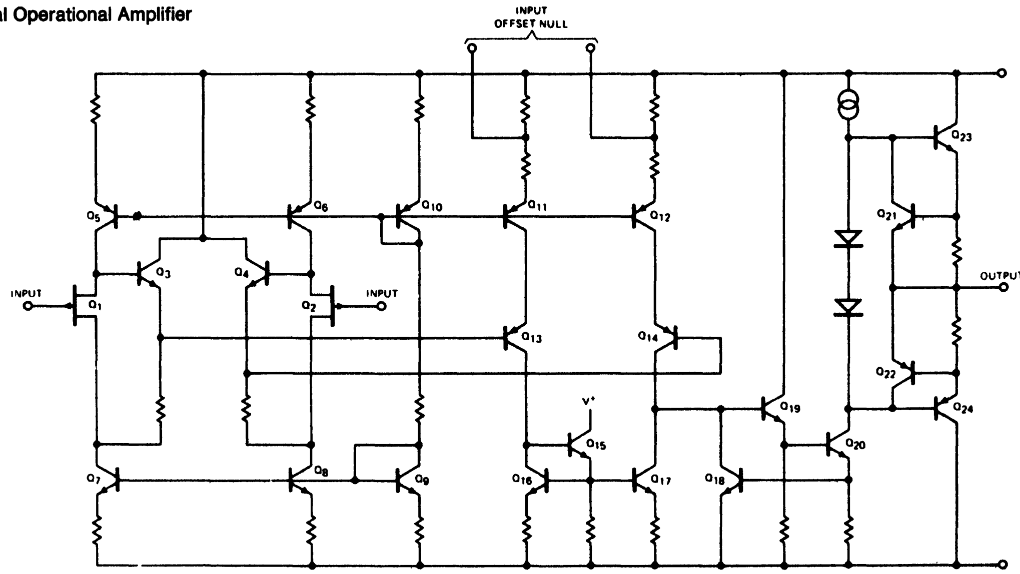


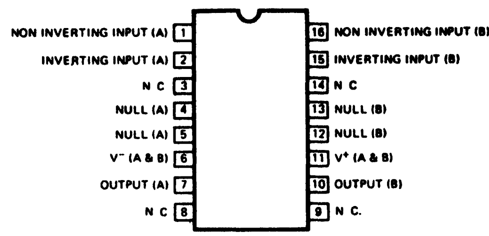
8LM44HX Single Operational Amplifier–
8 pin DIP or Can



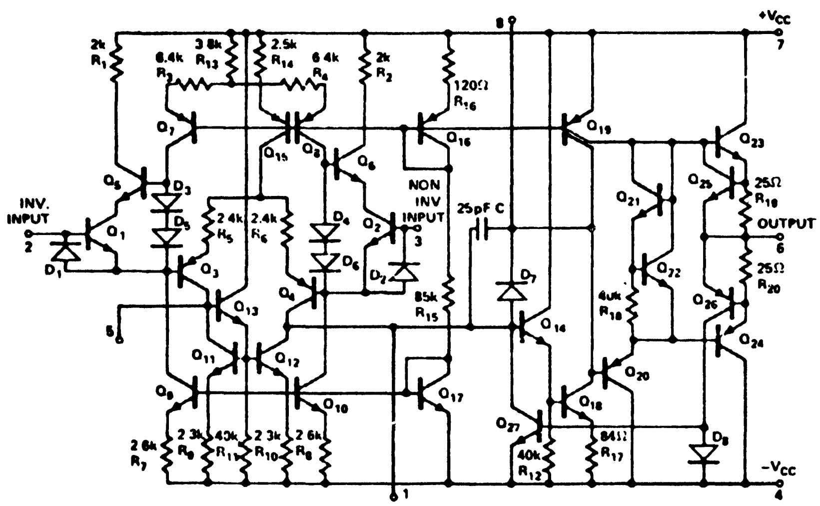
17. CIRCUIT DRAWINGS

10LM02DX Dual Operational Amplifier

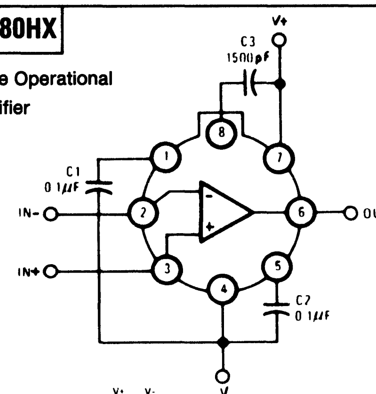


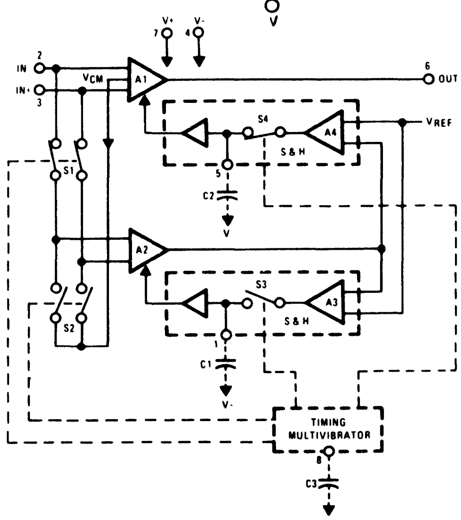


8LM46HX Decomp. Operational Amplifier– 8 pin DIP or Can



5LM80HX Single Operational Amplifier

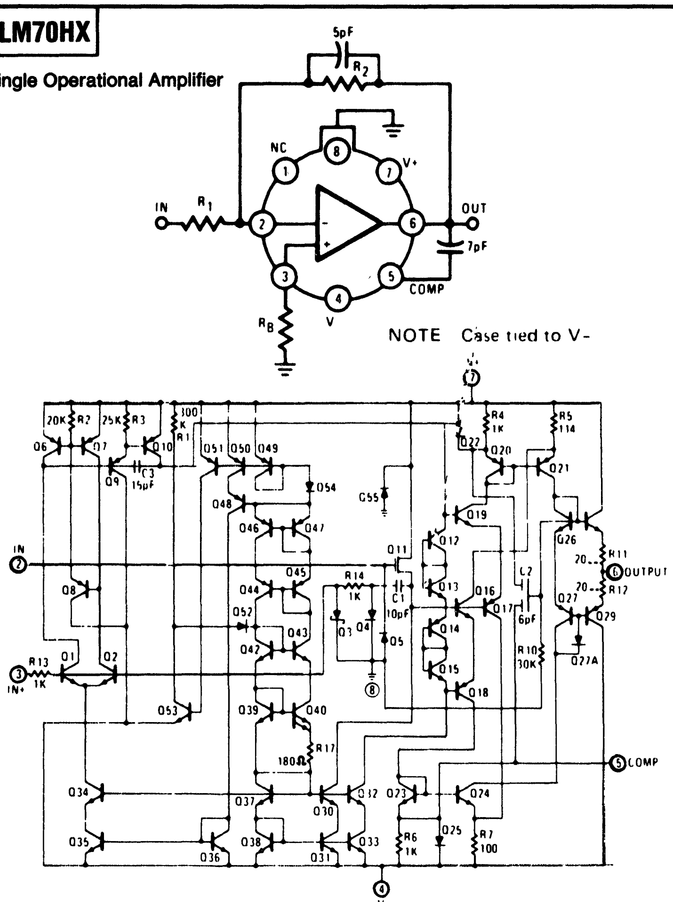




17. CIRCUIT DRAWINGS

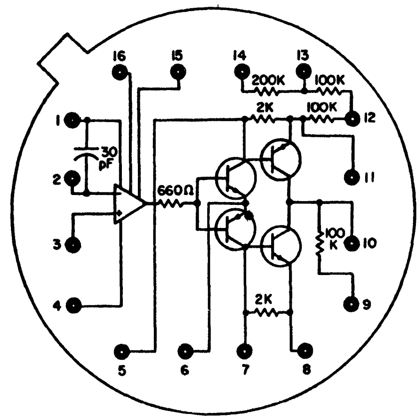
5LM70HX

Single Operational Amplifier



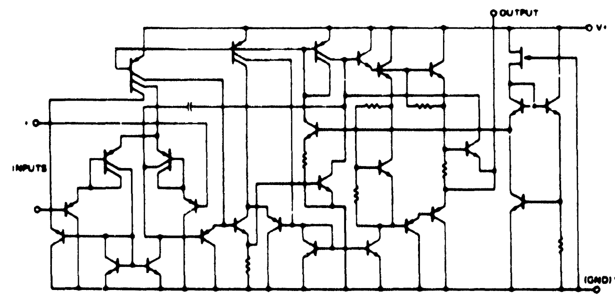
0LM5PX

Power Operational Amplifier



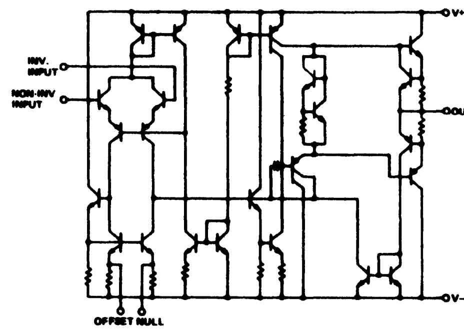
35LM03DX

Single Operational Amplifier



36LM03ZX

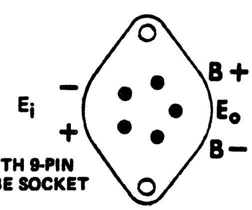
Single Operational Amplifier



	PKG	CKT	V+	V-	INPUT INV.	INPUT NON INV.	OFFSET NULL 1	OFFSET NULL 2	OUTPUT
36LM03ZX	MP	1	11	6	4	5	3	9	10
	TC78	1	7	4	2	3	1	5	6

4LM35TX

Single Operational Amplifier



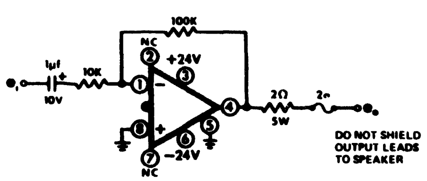
MATES WITH 9-PIN NOVAL TUBE SOCKET

CONNECTIONS (Base)

N.C.= No Internal Connection, may be used as tie point

4LM23TX

Single Operational Amplifier



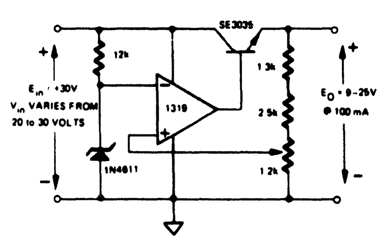
A C Amplifier
Gain of 10 (+20db)
Zi=10K

CONNECTIONS (Base)

N.C = No Internal Connection, may be used as tie point

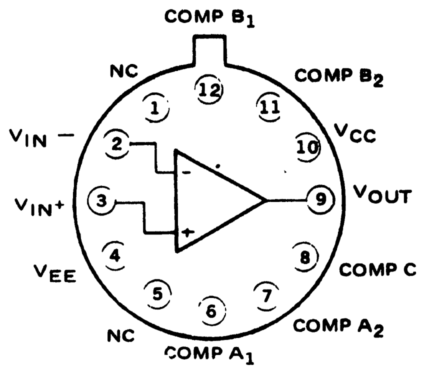
13LM19ZX

Single Operational Amplifier

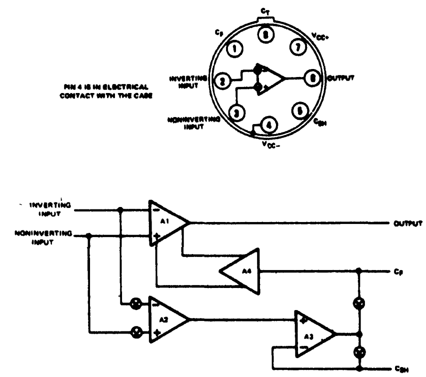


17. CIRCUIT DRAWINGS

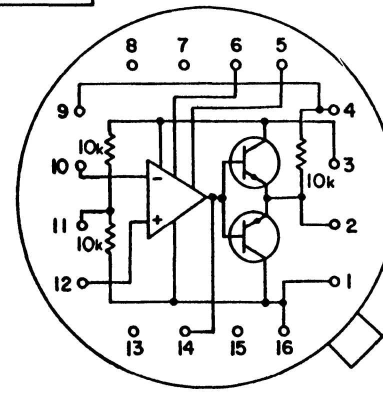
13LM03ZX Single Decomp. Operational Amplifier



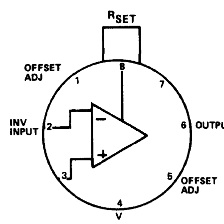
0LM89HX Single Operational Amplifier

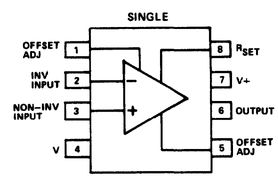


0LM2TX Power Operational Amplifier

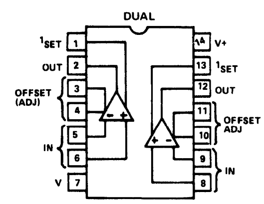


12LM52HX Single Operational Amplifier

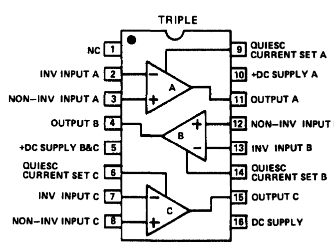




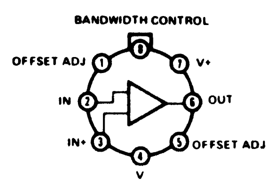
12LM52NX Dual Operational Amplifier



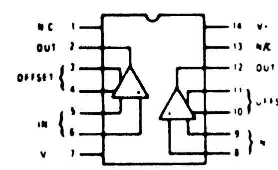
12LM52MX Triple Operational Amplifier



26LM00HX Single Operational Amplifier

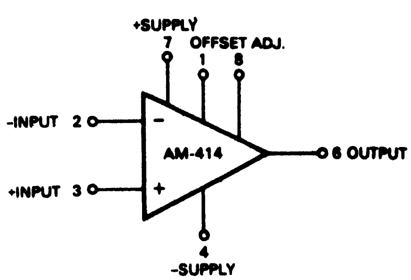


26LM50NX Dual Operational Amplifier



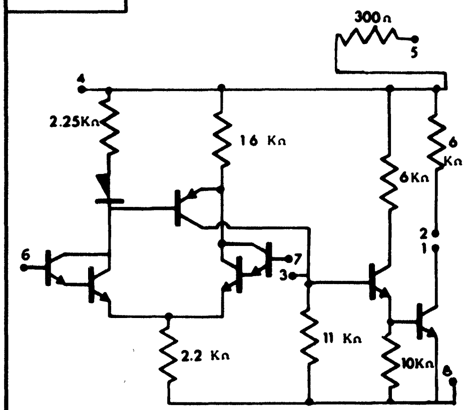
NOTE BOTTOM OF PACKAGE
IS CONNECTED TO V

4LM14HX Single Operational Amplifier

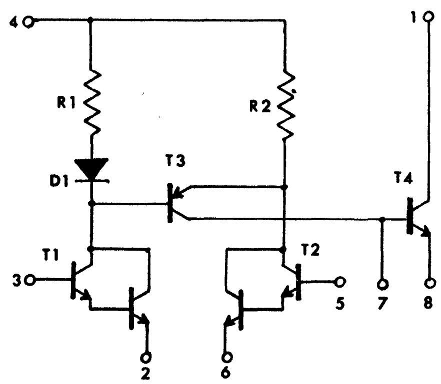


17. CIRCUIT DRAWINGS

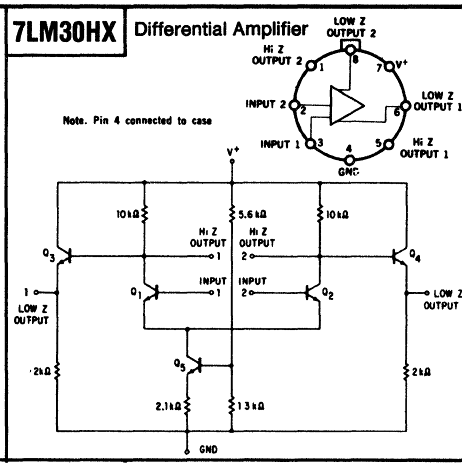
3LM26MX Differential Amplifier



3LM27ZX Differential Amplifier



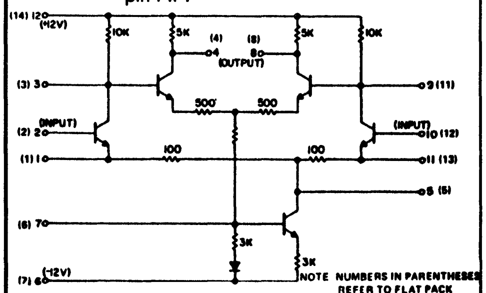
7LM30HX Differential Amplifier



8LM31ZX | **8LM31FX**

8LM31ZX – Differential Amplifier–12 pin Can

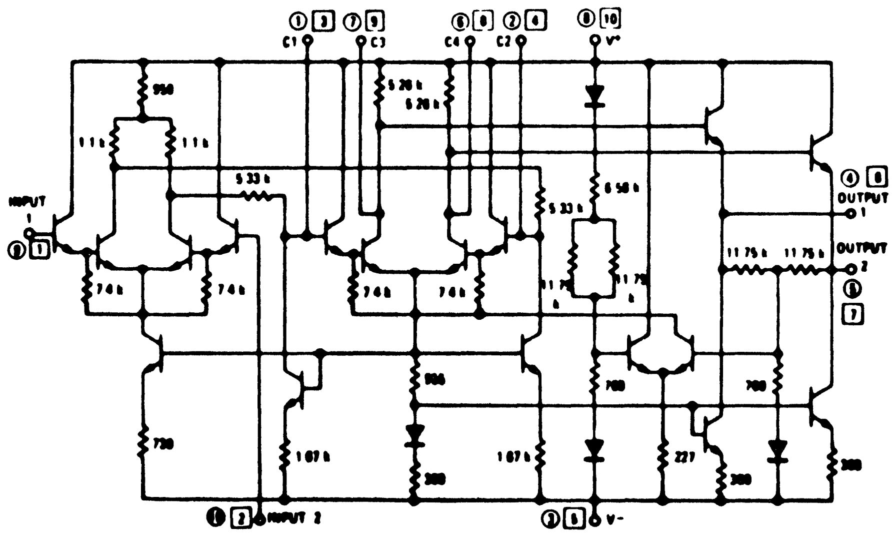
8LM31FX – Differential Amplifier–14 pin F.P.



14LM20ZX | **14LM20FX**

14LM20ZX – Video Amplifier–10 pin Can

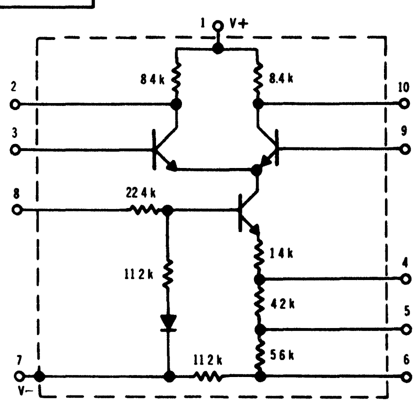
14LM20FX – Video Amplifier–10 pin F.P.



○ contains pin number for metal can package

□ contains pin number for flat package

14LM29GX Differential Amplifier

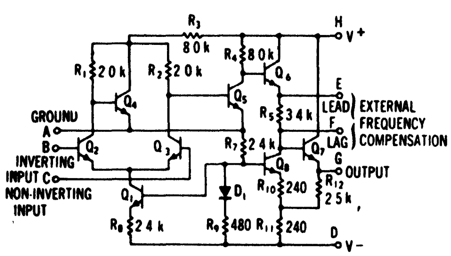


7LM12HX | **7LM12FX** | **7LM12NX**

7LM12HX – Instrumentation Amplifier–8 pin DIP or Can

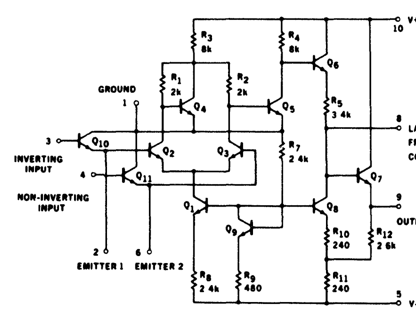
7LM12FX – Instrumentation Amplifier–10 pin F.P.

7LM12NX – Instrumentation Amplifier–14 pin DIP



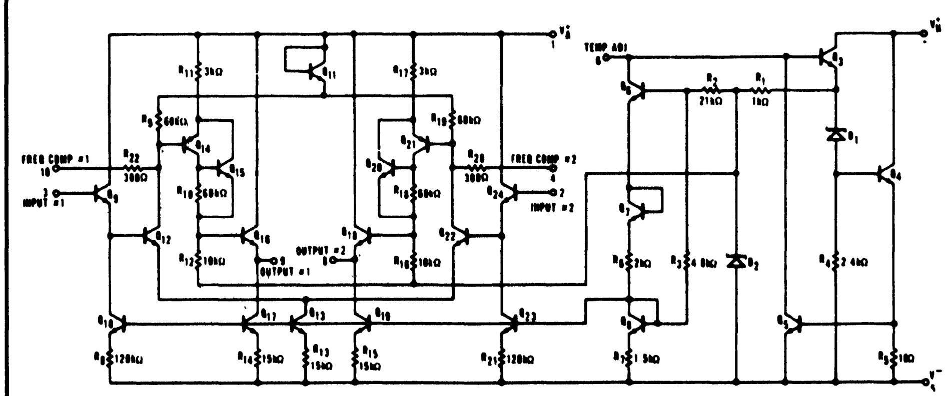
PACKAGE	A	B	C	D	E	F	G	H
7LM12HX	1	2	3	4	5	6	7	8
7LM12FX	2	3	4	5	6	7	8	10
7LM12NX	3	4	5	6	9	10	12	13

30LM00ZX Single Decomp. Operational Amplifier

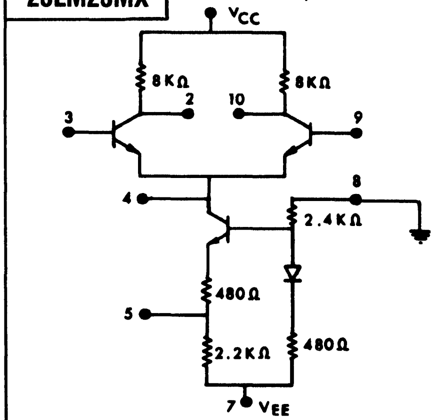


17. CIRCUIT DRAWINGS

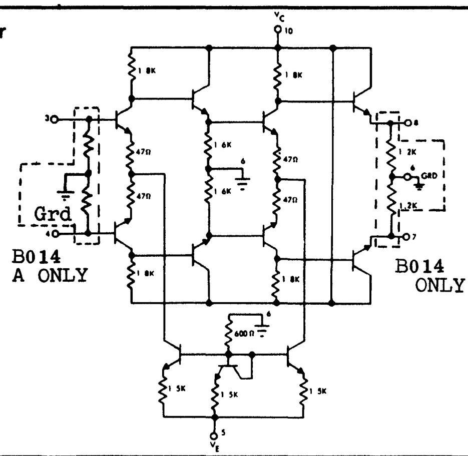
1LM27TX — Temperature-Controlled Differential Preamplifier



25LM25MX — Differential Amplifier



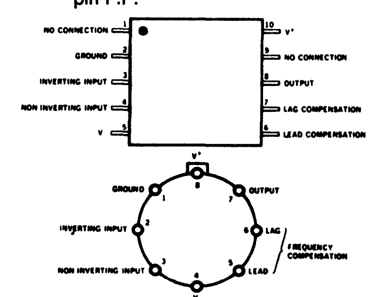
76PA06ZX | 76PA05ZX — Differential Amplifier



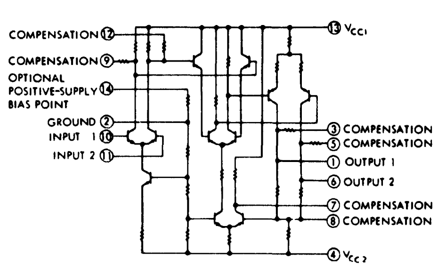
2LM42ZX | 2LM42FX

2LM42ZX - Differential Amplifier-8 pin DIP or Can

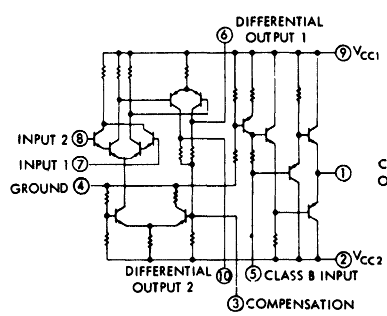
2LM42FX - Differential Amplifier-10 pin F.P.



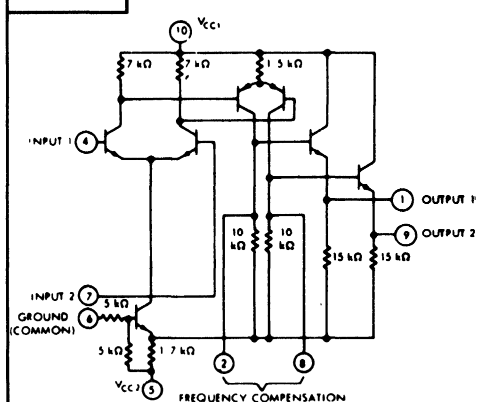
5LM25FX — Differential Amplifier



5LM26FX — Differential Amplifier



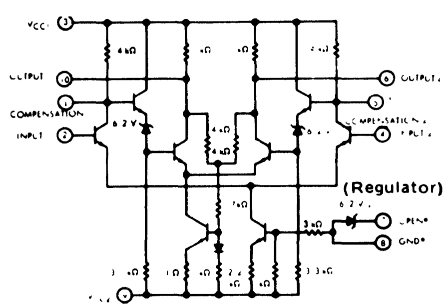
2LM31LX — Differential Amplifier



5LM11FX | 5LM11NX

5LM11FX - Differential Amplifier-10 pin Can

5LM11NX - Differential Amplifier-14 pin DIP



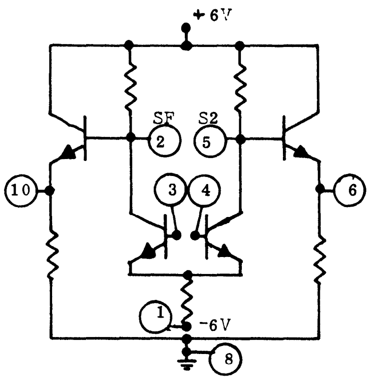
	VCC 1	OUT 1	COMP 1	IN 1	VCC 2	OUT 2	COMP 2	IN 2	OPEN (REG)	COM
5LM11FX	3	10	1	2	9	6	5	4	7	8
5LM11NX	4	13	2	3	12	9	6	5	10	11

2TA01ZX — Differential Amplifier

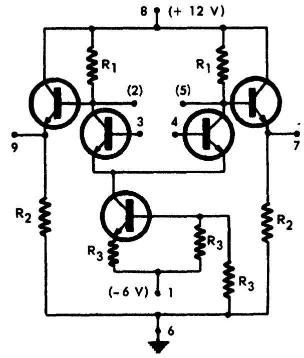
	I_{N1}	I_{N2}	−V	−V	OUT_1	OUT_2	COM
2TA01ZX	1	4	7	3	8	5	2
2TA02ZX	1	7	11	5	14	8	2

17. CIRCUIT DRAWINGS

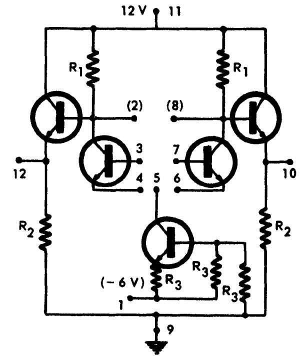
64LM4PX Differential Amplifier–10 pin Can



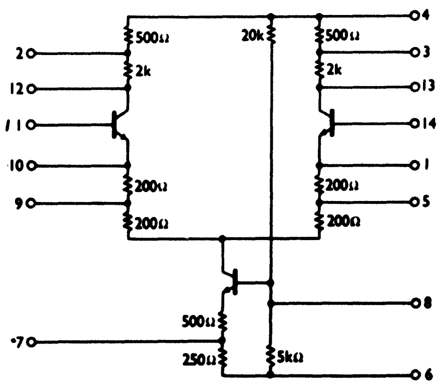
71LM4PX Differential Amplifier



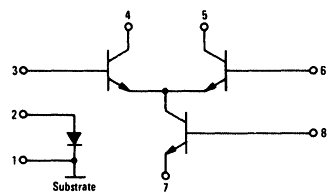
74LM4PX Differential Amplifier



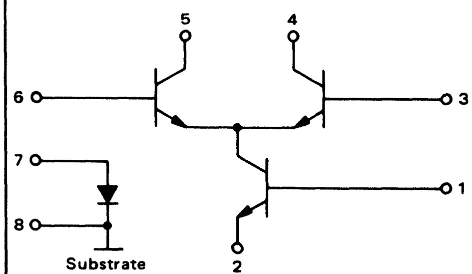
26LM20ZX Differential Amplifier



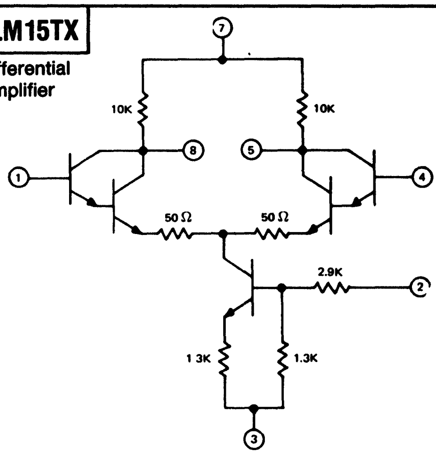
80LM30HX Differential Amplifier



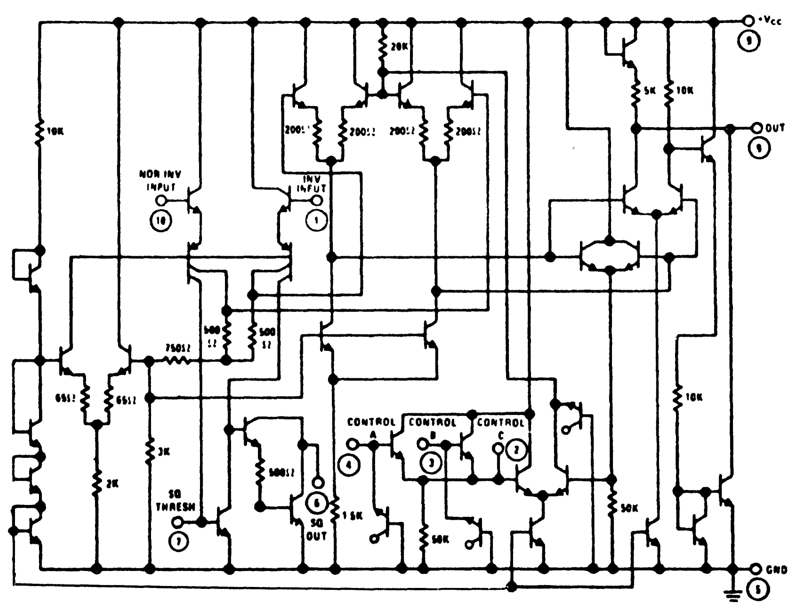
33LM30PX Differential Amplifier



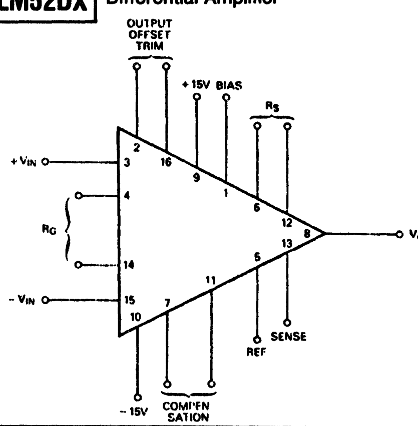
1LM15TX Differential Amplifier



1LM70HX AGC Squelch Amplifier

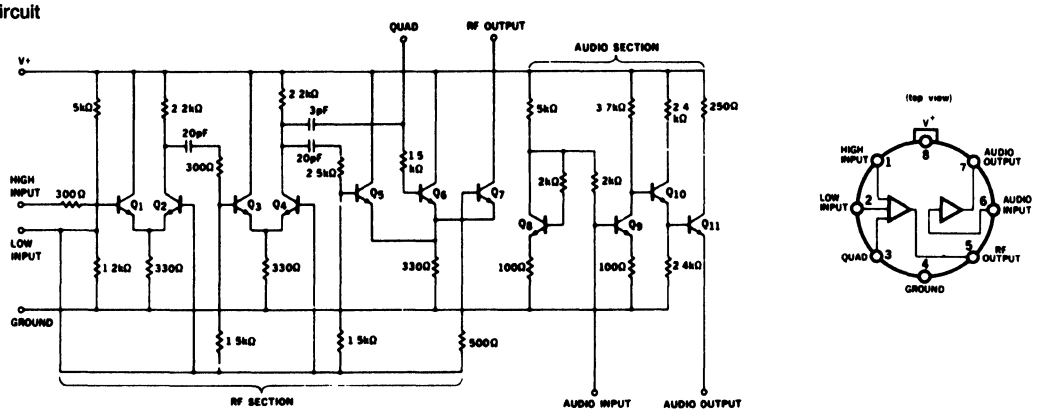


1LM52DX Differential Amplifier

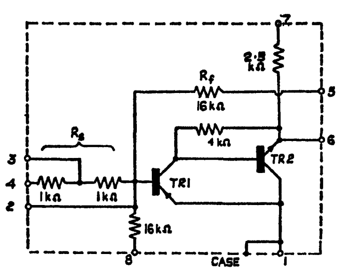


17. CIRCUIT DRAWINGS

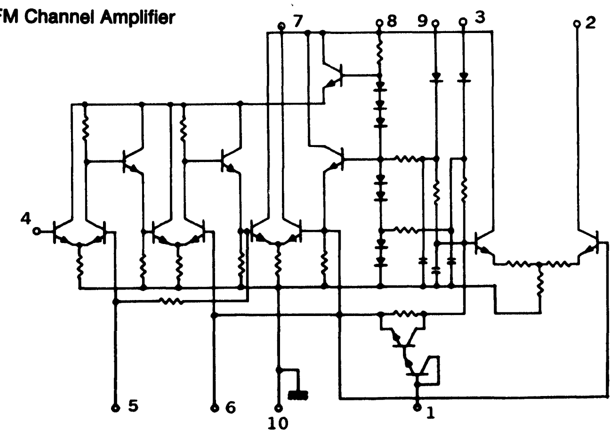
7LM17HX RF/IF Circuit



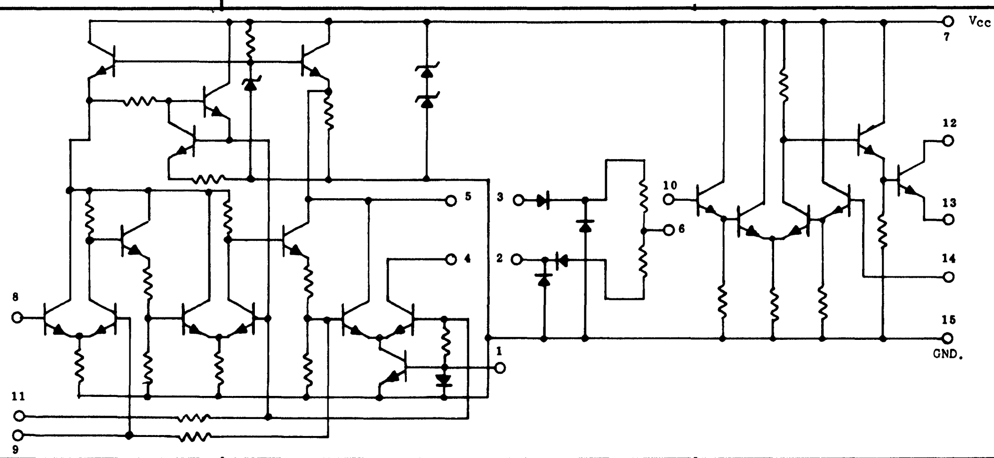
0LA1ZX Linear Amplifier



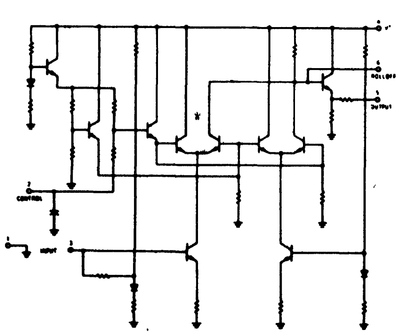
4LM50ZX FM Channel Amplifier



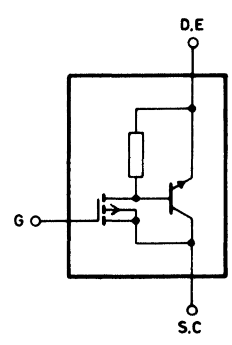
1LM42PX RF/IF Circuit



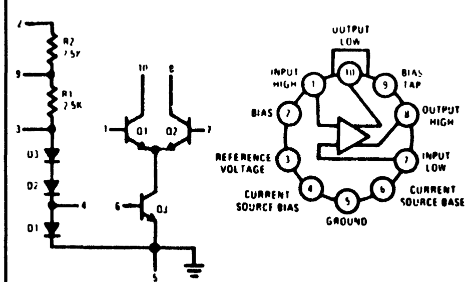
60LM09RX Electronic Attenuator



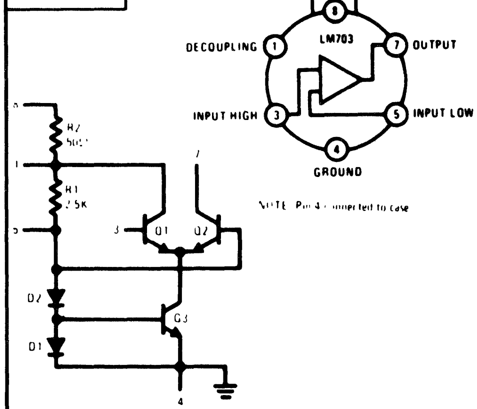
3LM20AX Amplifier



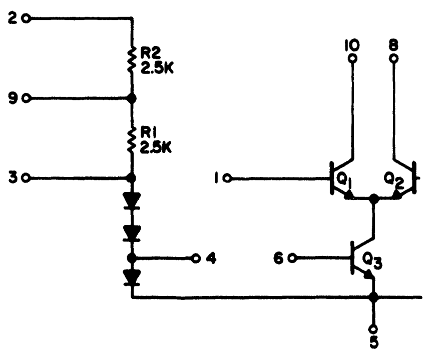
1LM71HX RF/IF Amplifier



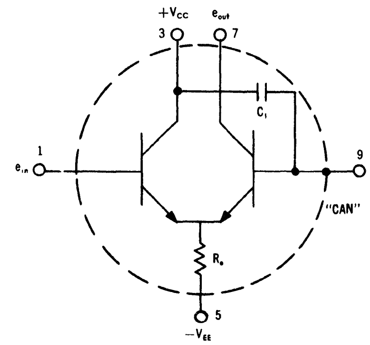
7LM03HX RF/IF Amplifier



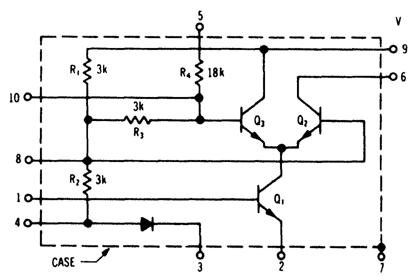
9LM11EX RF/IF Amplifier



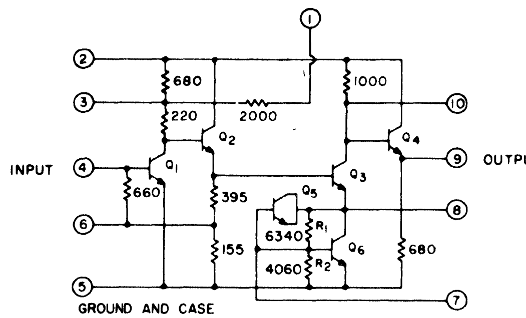
11LM10GX RF/IF Amplifier



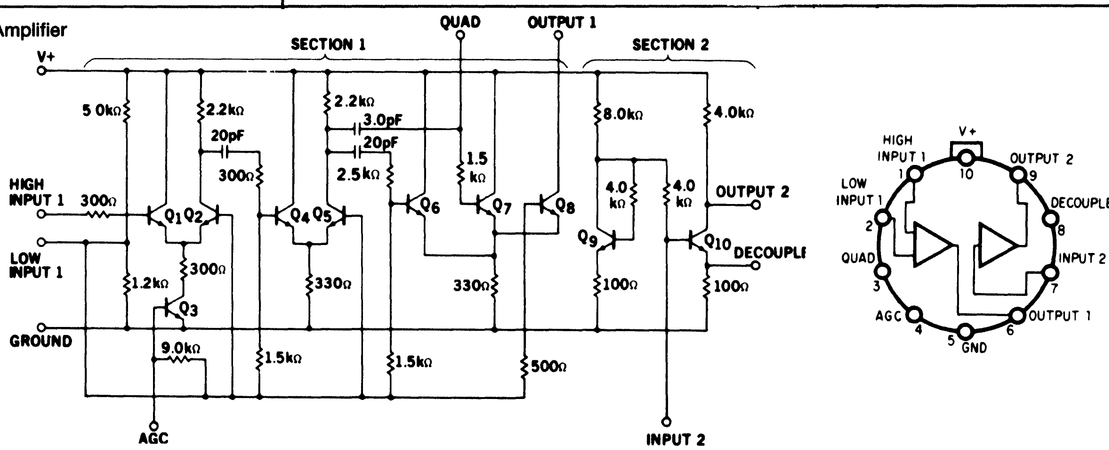
15LM50GX RF/IF Amplifier



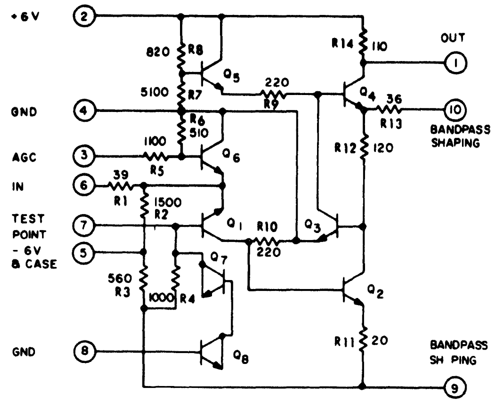
76PA00LX Wideband Amplifier



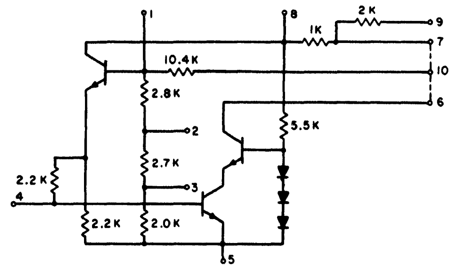
7LM19GX RF/IF Amplifier



76PA01LX Wideband Amplifier



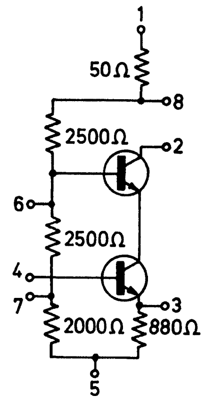
77LM13AX Wideband Amplifier



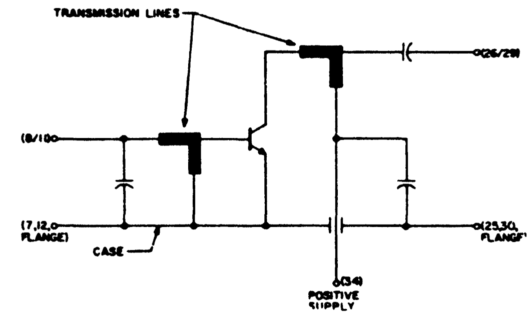
Connections to leads 2, 3 and 9 are for modifying the quiescent bias point of the amplifier

17. CIRCUIT DRAWINGS

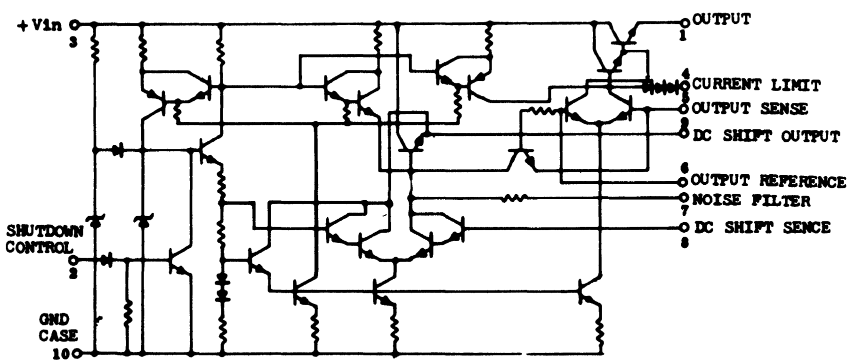
3LA0ZX RF/IF Amplifier



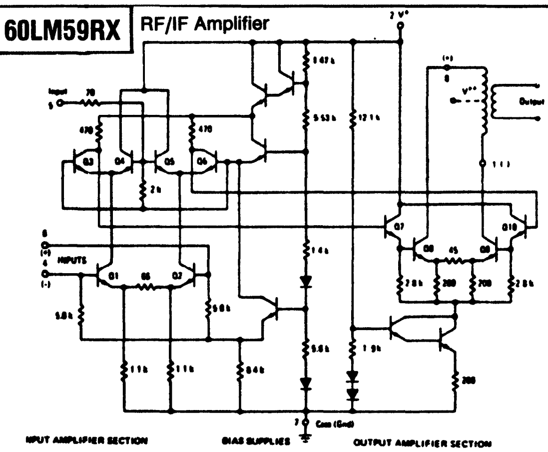
56LM70ZX RF/IF Amplifier



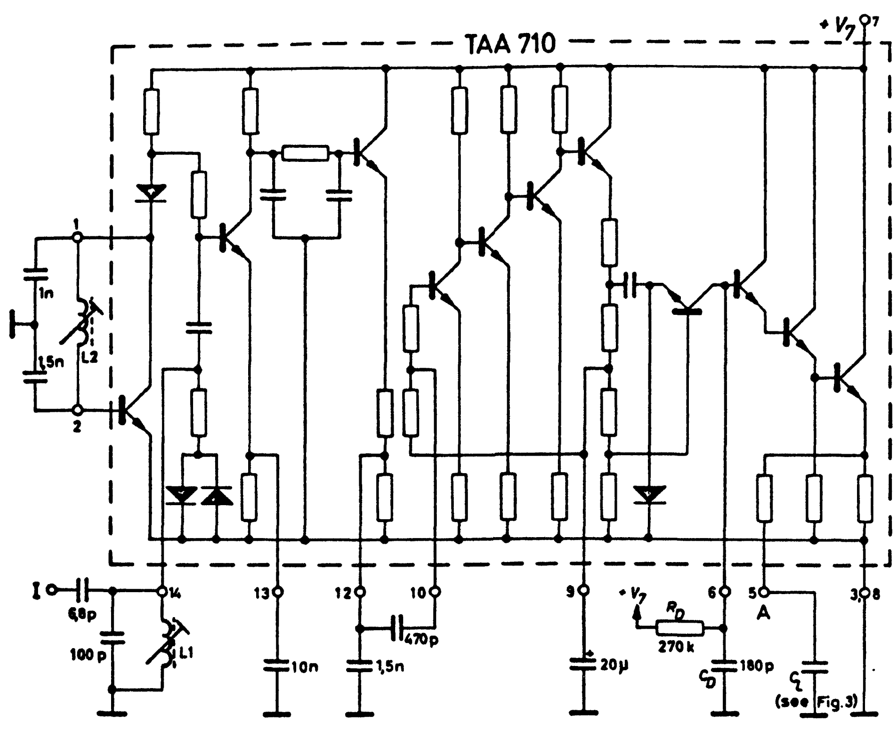
1LM99YX Adjustable Linear Voltage Regulator



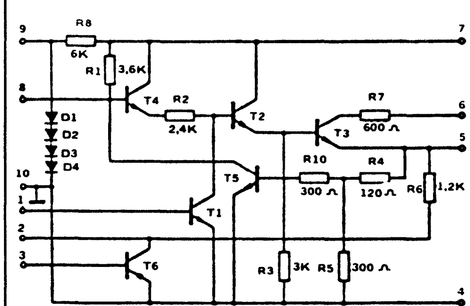
60LM59RX RF/IF Amplifier



7TA10AX RF/IF Amplifier

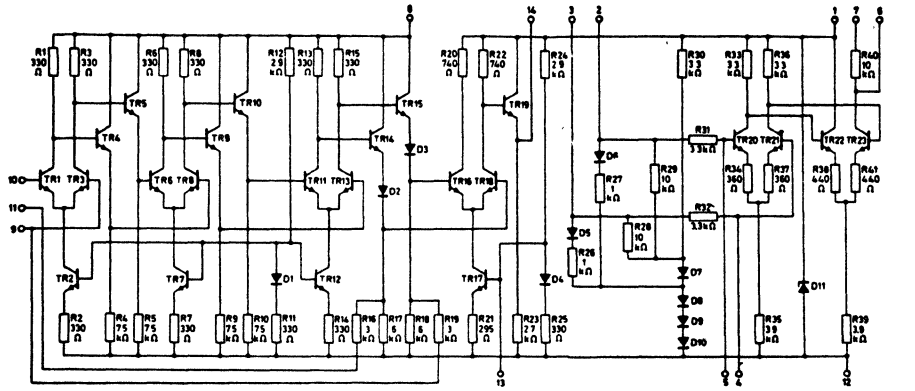


9LM81TX RF/IF Amplifier

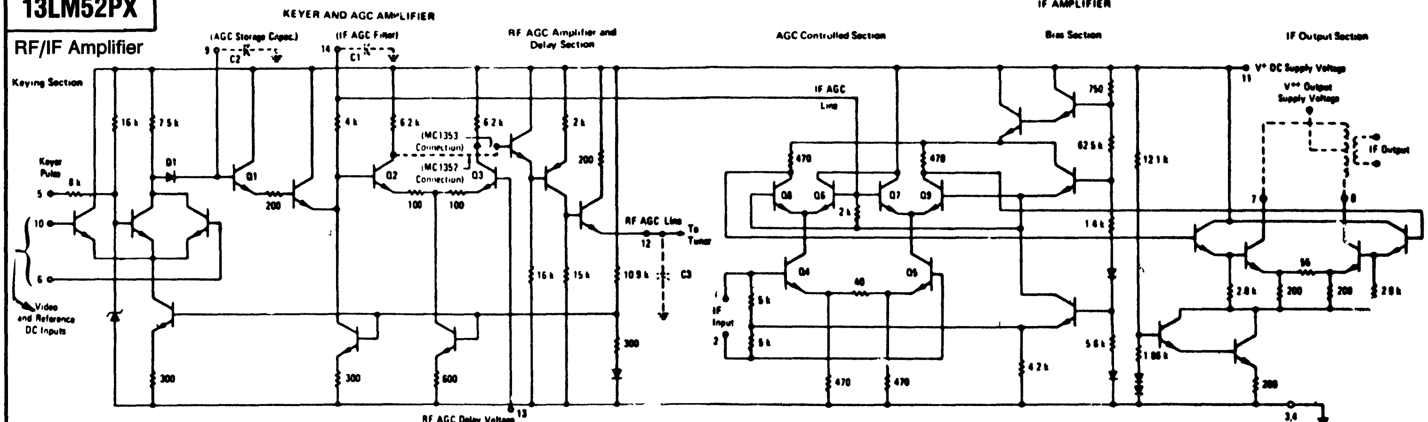


17. CIRCUIT DRAWINGS

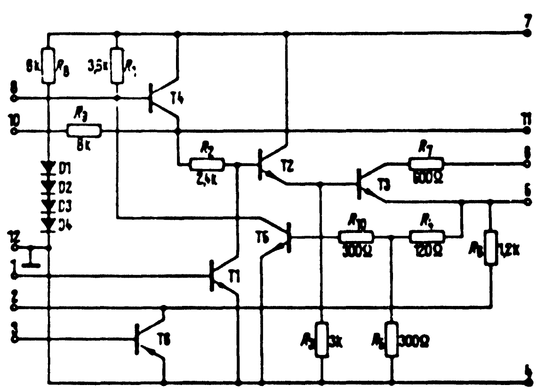
6LM40TX RF/IF Amplifier



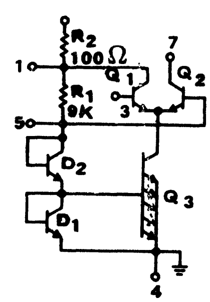
13LM52PX RF/IF Amplifier



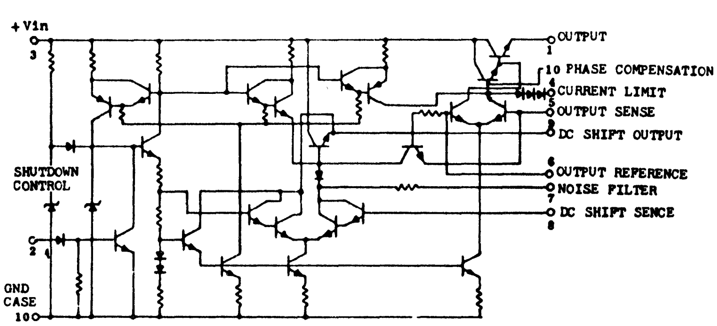
9LM91TX RF/IF Amplifier



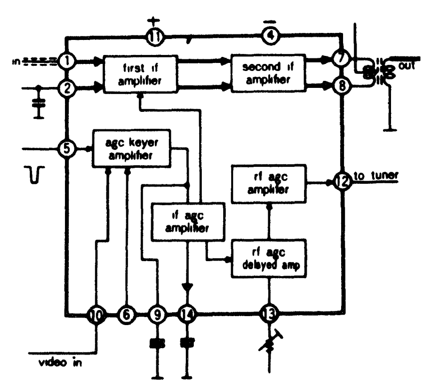
7LM03HX RF/IF Amplifier



1LM99AX Adjustable Linear Voltage Regulator



2LM38SX RF/IF Amplifier

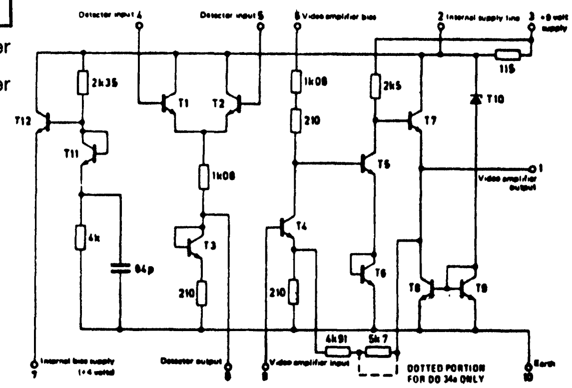


17. CIRCUIT DRAWINGS

5SL11CX | 5SL10CX

5SL11CX – RF/IF Amplifier

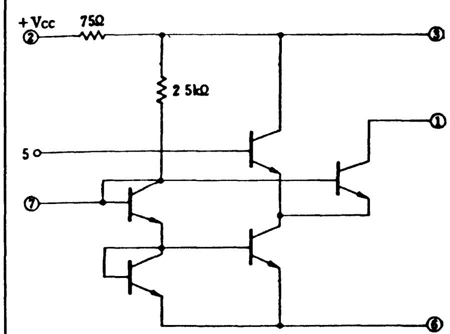
5SL10CX – RF/IF Amplifier



DOTTED PORTION FOR 5SL10CX ONLY

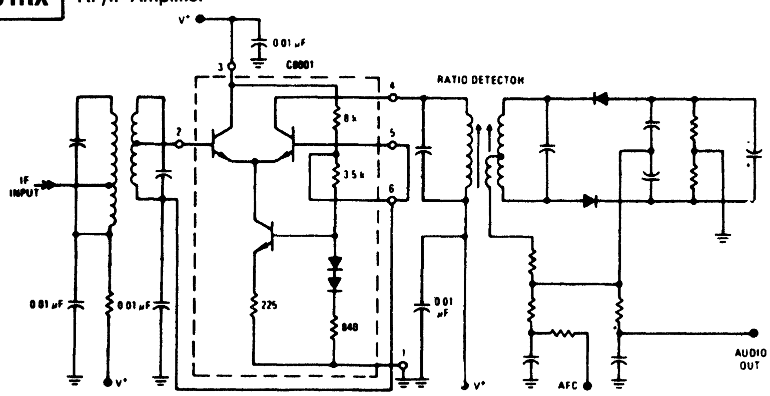
8LM08ZX

RF/IF Amplifier



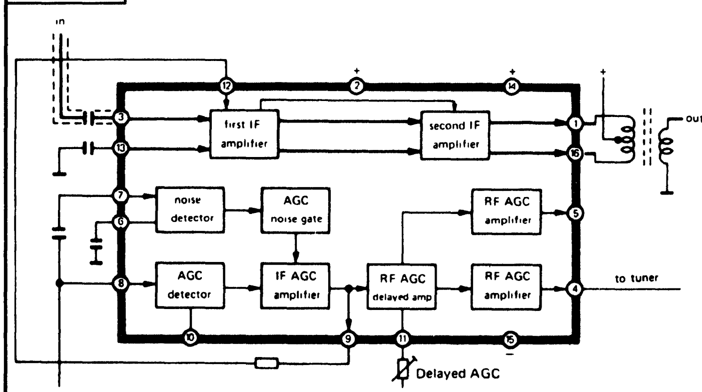
60LM01RX

RF/IF Amplifier



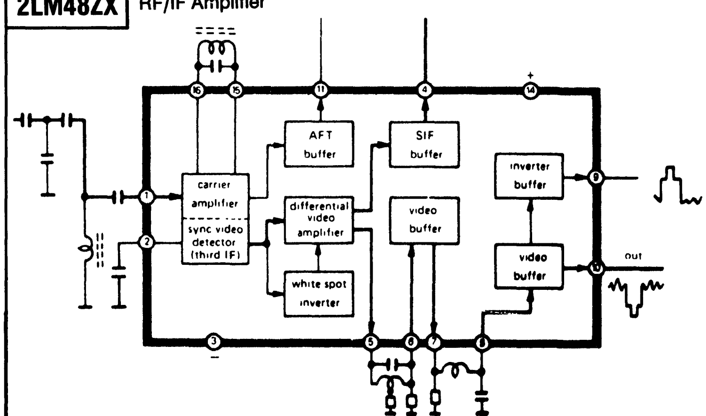
2LM47ZX

RF/IF Amplifier



2LM48ZX

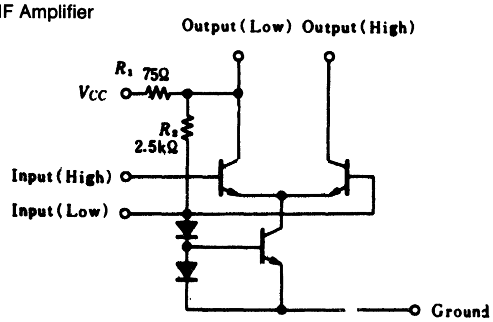
RF/IF Amplifier



12HA01ZX | 12HA11ZX

12HA01ZX – RF/IF Amplifier

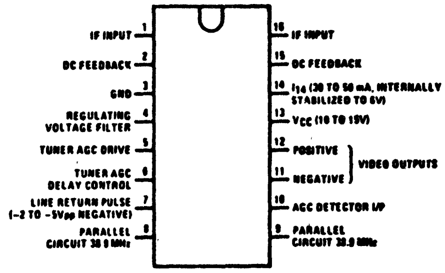
12HA11ZX – RF/IF Amplifier

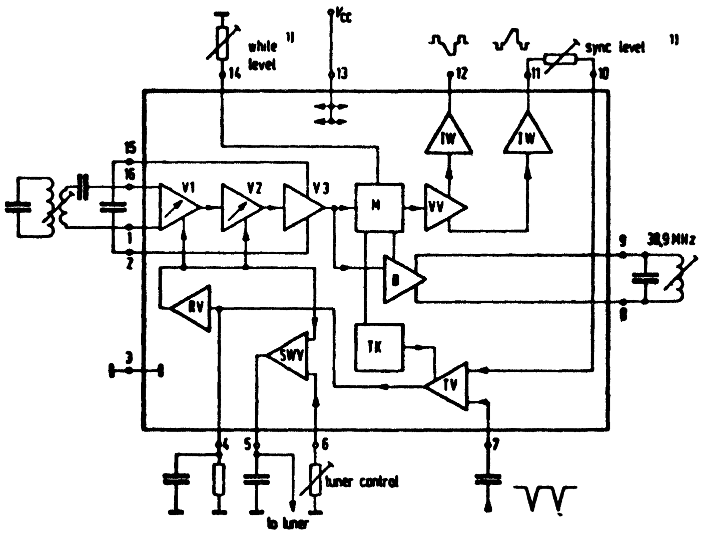


PIN NUMBERS		
Function	12HA01ZX	12HA11ZX
Vcc	6	1
Input (High)	2	4
Input (Low)	4	5
Output (High)	5	7
Output (Low)	7	8
Ground	3	6

4TB40QX

Video/IF Amplifier

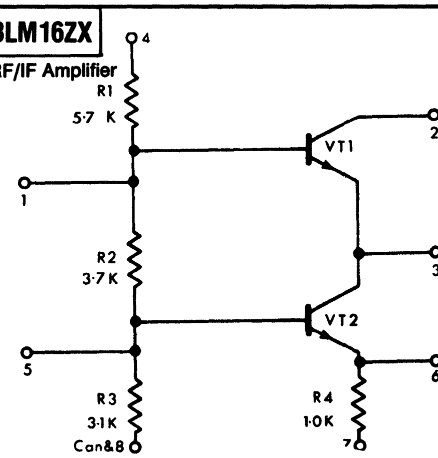




1) potentiometer only if necessary, otherwise normal resistor

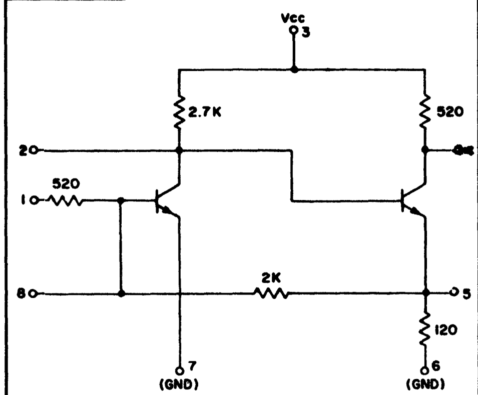
3LM16ZX

RF/IF Amplifier



9LM01EX

Wideband Amplifier



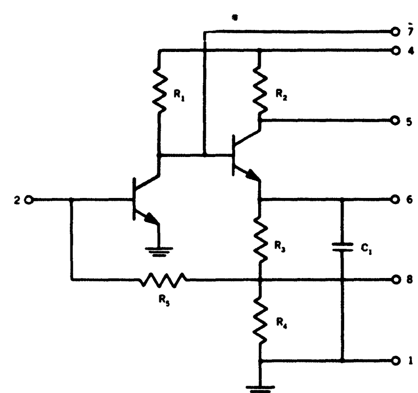
2TA32FX | 2TA31ZX

2TA32FX – Wideband Amplifier

2TA31ZX – Wideband Amplifier

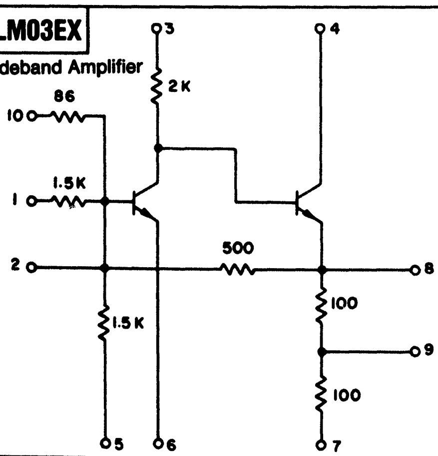
PACKAGE	V	I.C.	OUT C	OUT E	AGC	FEEDBACK
2TA31ZX	4	-	5	6	7	8
2TA31FX	4	3,5,6,	7	8	9	10

PACKAGE	COM	NC	IN AND AGC
2TA31ZX	1	3	2
2TA32FX	1	-	2



9LM03EX

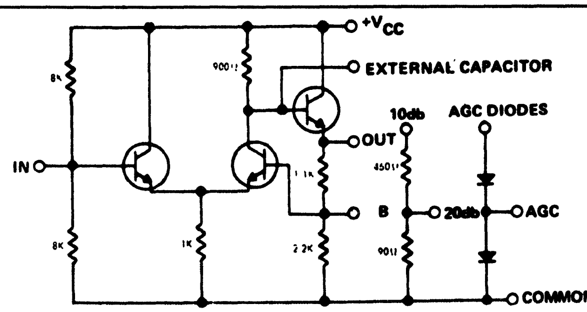
Wideband Amplifier



60LM20NX | 60LM20ZX

60LM20NX – Wideband Amplifier–14 pin DIP

60LM20ZX – Wideband Amplifier–10 pin Can



	AGC	AGC DIODES	FEEDBACK	EXTERNAL CAPACITOR	OUTP	+ VCC	INP	10DB	20 DB	GND	NC
60LM20ZX	1	2	3	4	5	6	7	8	9	10	
60LM20NX	1	3	4	5	7	8	10	11	12	14	2,6,9,13

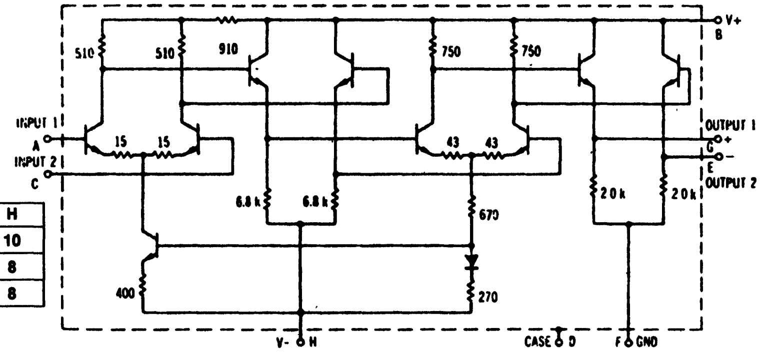
17. CIRCUIT DRAWINGS

15LM09FX | 14LM10FX | 14LM10GX

15LM09FX - Wideband Amplifier

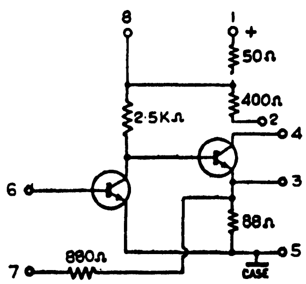
14LM10FX - Wideband Amplifier-10 pin F.P.

14LM10GX - Wideband Amplifier-8 pin DIP or Can

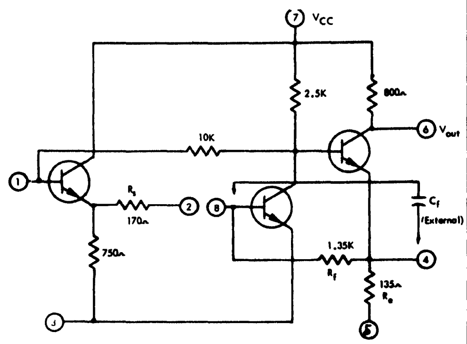


	PKG	A	B	C	D	E	F	G	H
15LM09FX	FP	1	3	5		6	7	9	10
14LM10GX	CN	1	2	3	4	5	6	7	8
14LM10FX	FP	10	9	1		4	5	7	8

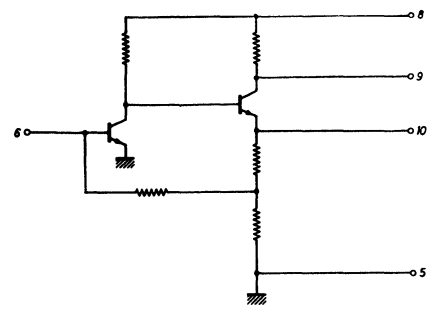
1LA10HX Wideband Amplifier



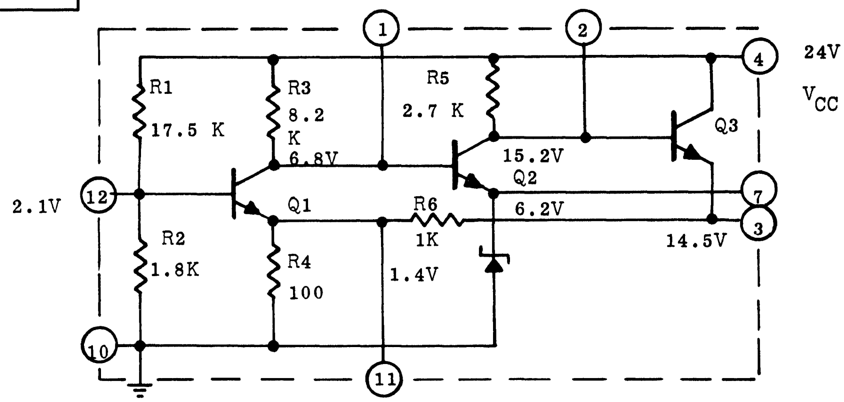
21LM03MX Wideband Amplifier



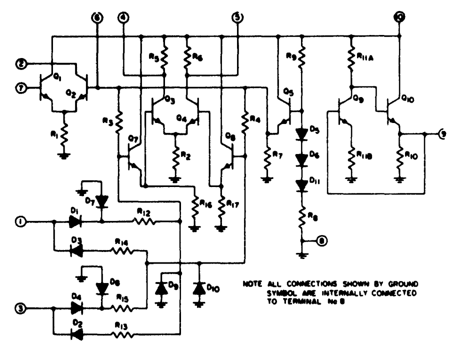
10LM40MX Wideband Amplifier



2LM0SX Wideband Amplifier



30LM34VX Wideband Amplifier

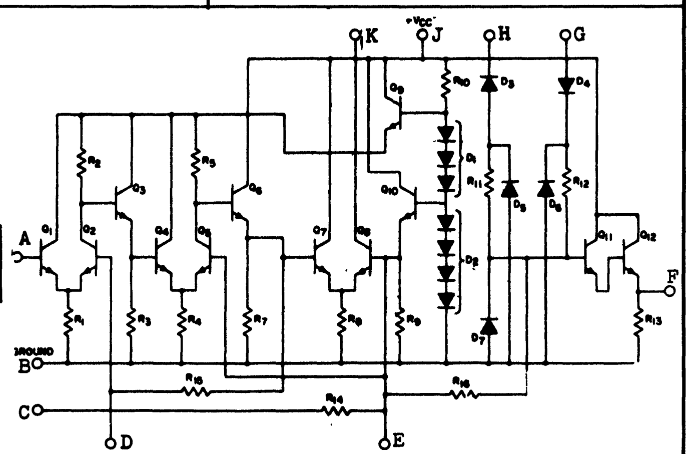


30LM13NX | 30LM13ZX

30LM13NX - Wideband Amplifier-14 pin DIP

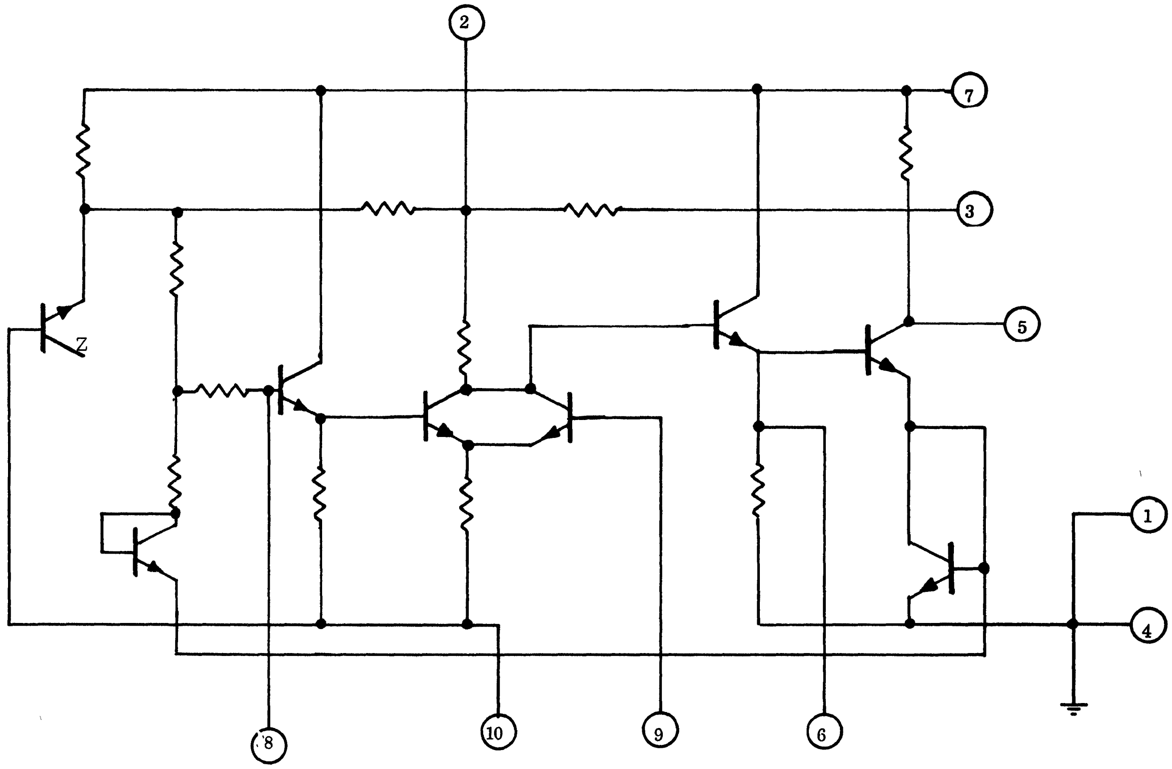
30LM13ZX - Wideband Amplifier-10 pin Can

	A	B	C	D	E	F	G	H	J	K
30LM13ZX	1	8	2	3	4	9	7	6	10	5
30LM13NX	11	7	12	13	2	9	6	5	10	3

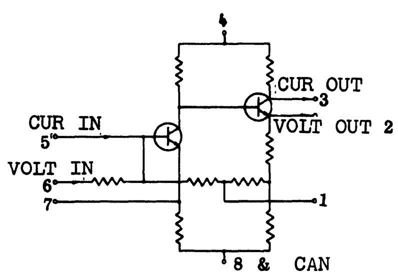


17. CIRCUIT DRAWINGS

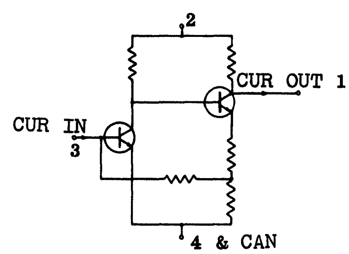
14LM80YX Wideband Amplifier



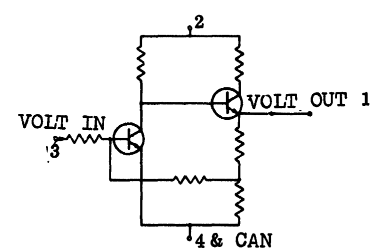
2SL01BX Wideband Amplifier



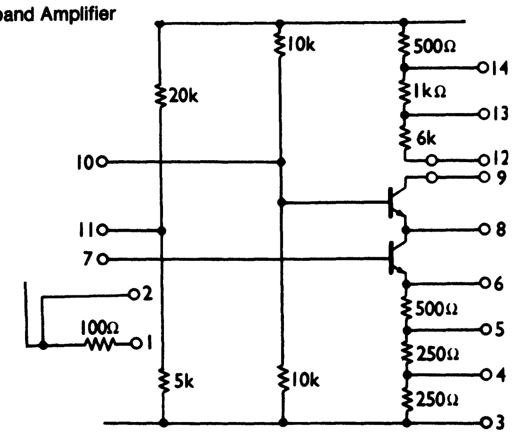
2SL1ZX Wideband Amplifier



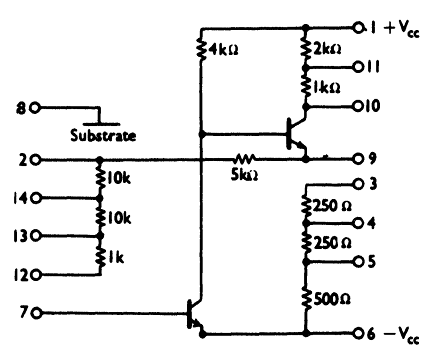
2SL3ZX Wideband Amplifier



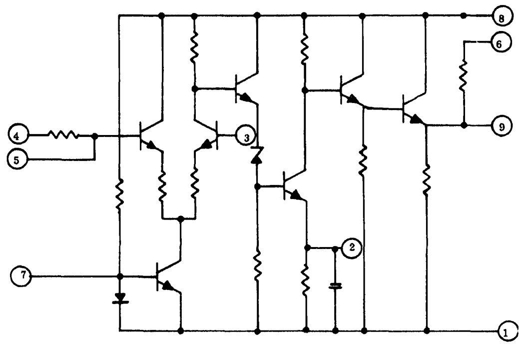
26SN00ZX Wideband Amplifier



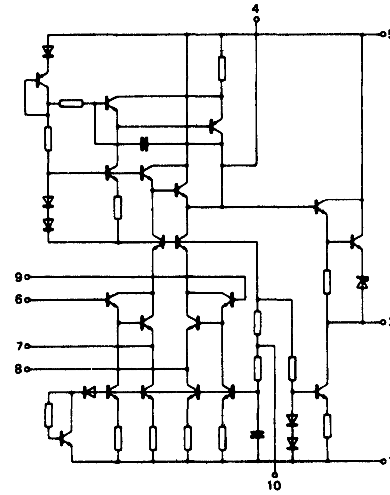
26SN01ZX Wideband Amplifier



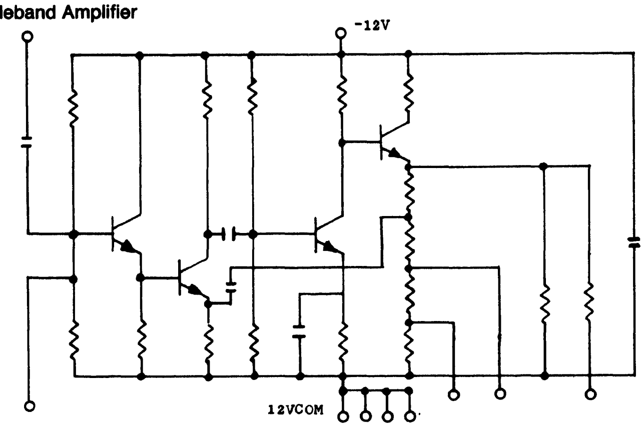
14LM70YX Wideband Amplifier



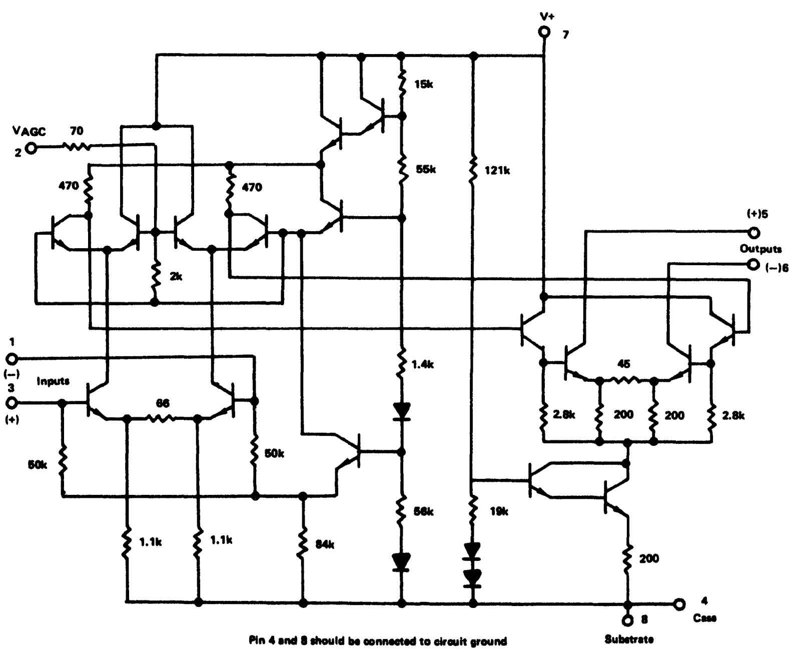
5SL41CX Wideband Amplifier



1GL06ZX Wideband Amplifier



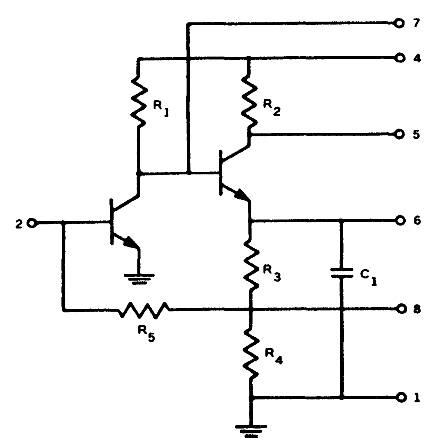
15LM90GX RF/IF Amplifier



11LM46QX **11LM46TX**

11LM46QX - Wideband Amplifier-10 pin F.P.

11LM46TX - Wideband Amplifier-8 pin DIP or Can

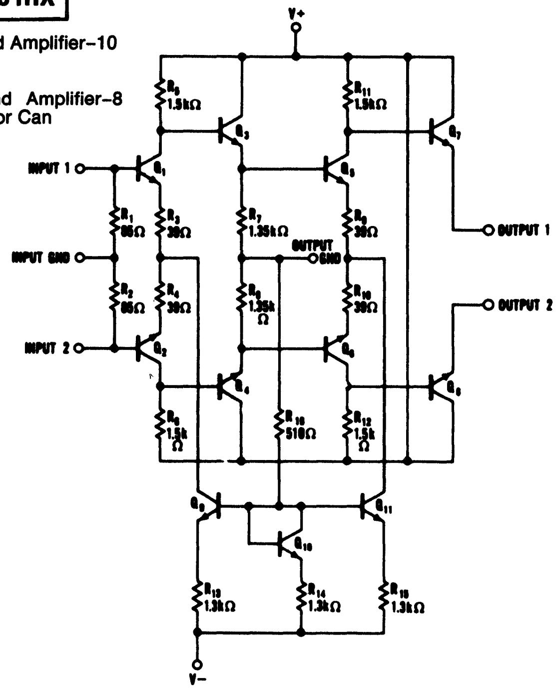


17. CIRCUIT DRAWINGS

7LM51FXX | 7LM51HX

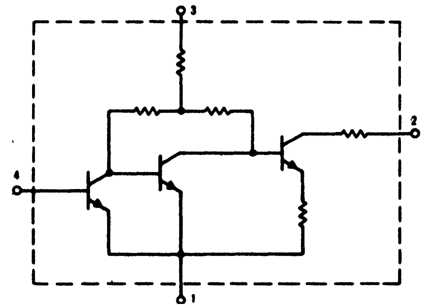
7LM51FXX – Wideband Amplifier–10 pin F.P.

7LM51HX – Wideband Amplifier–8 pin DIP or Can

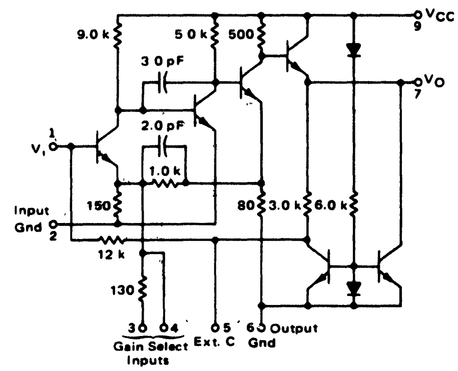


PKG	IN_1	IN_2	IN_{GND}	V+	V–	OUT_1	OUT_2	OUT_{GND}
7LM51HX	2	3	1	8	4	7	6	5
7LM51FXX	3	4	1	10	5	8	7	6

6LM10RX Wideband Amplifier



15LM52GX Wideband Amplifier

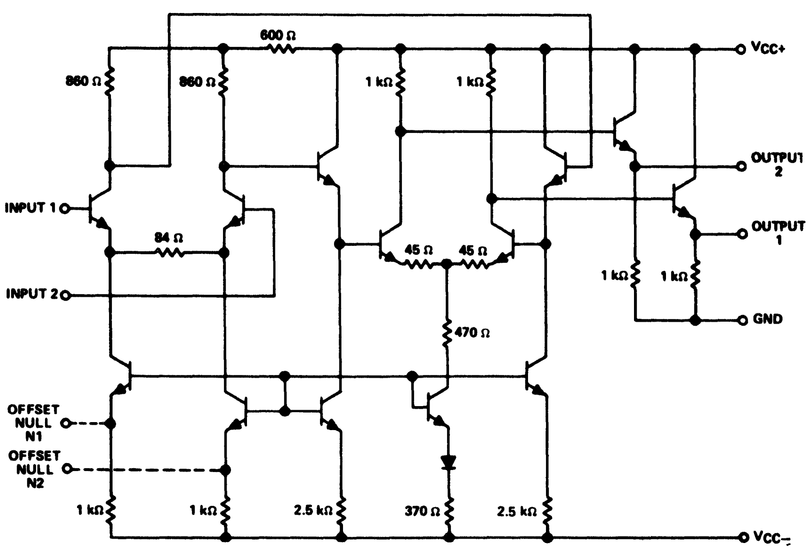


55LM12LX | 55LM12NX | 55LM14LX

55LM12LX – Wideband Amplifier–10 pin Can

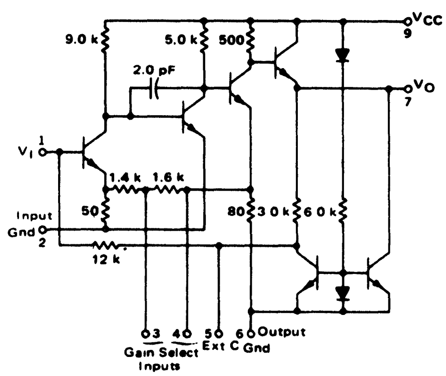
55LM12NX – Wideband Amplifier–14 pin DIP

55LM14LX – Wideband Amplifier–14 pin DIP



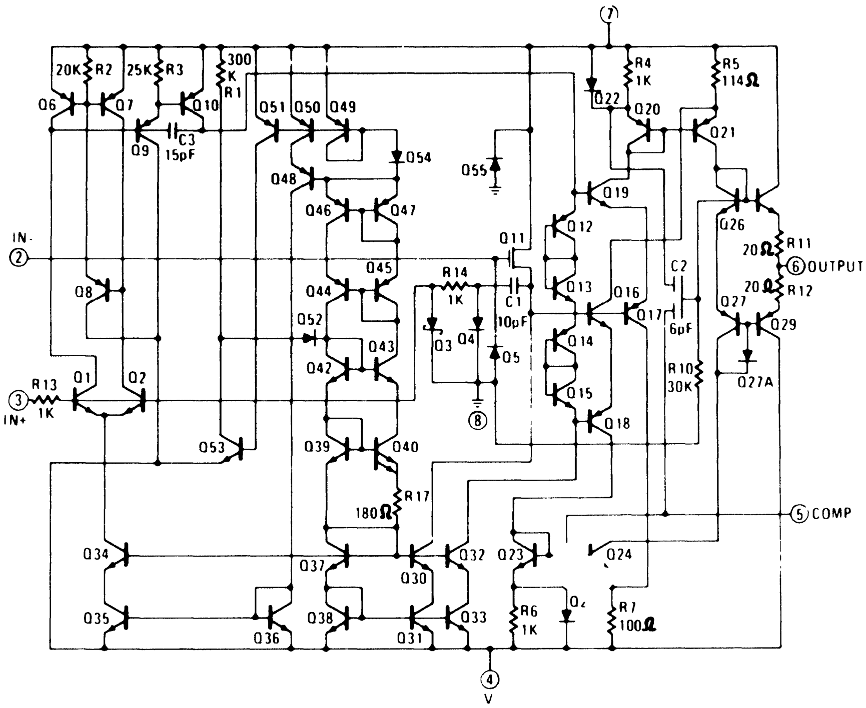
	PKG	INPUT 1	INPUT 2	OFFSET N1	OFFSET N2	OUTPUT 1	OUTPUT 2	VCC +	VCC –	GND
55LM12LX	CN	2	4	10	1	8	6	3	9	7
55LM12NX	MP	3	5	2	13	11	9	4	12	10
55LM14LX		1	3	NA	NA	7	5	2	8	6

15LM53GX Wideband Amplifier

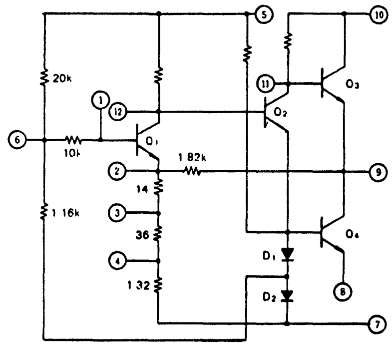


17. CIRCUIT DRAWINGS

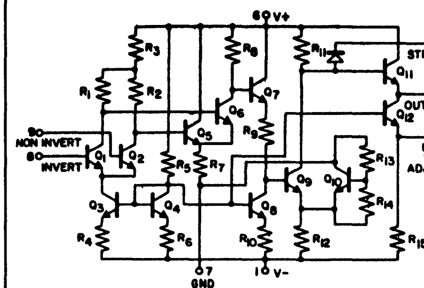
25LM30ZX Wideband Amplifier



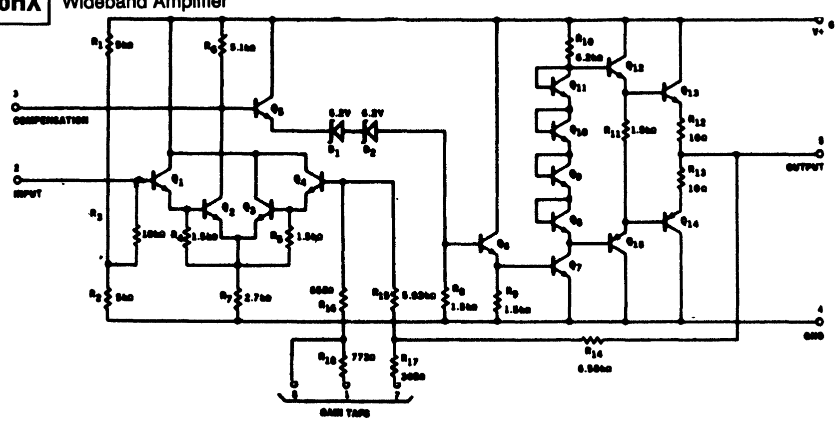
1LM03AX Wideband Amplifier



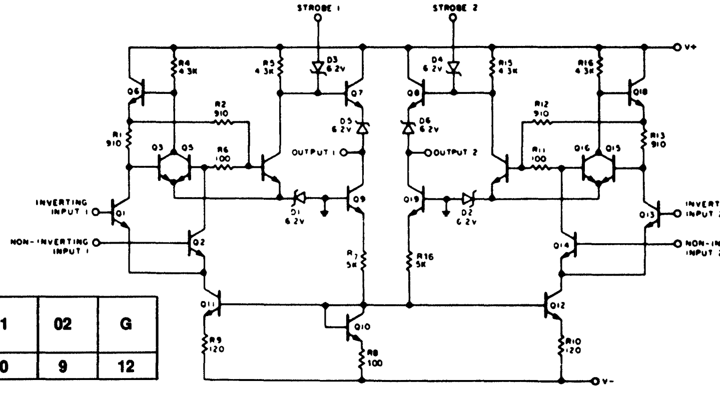
5NE18GX Single Voltage Comparator W/Strobe



7LM16HX Wideband Amplifier



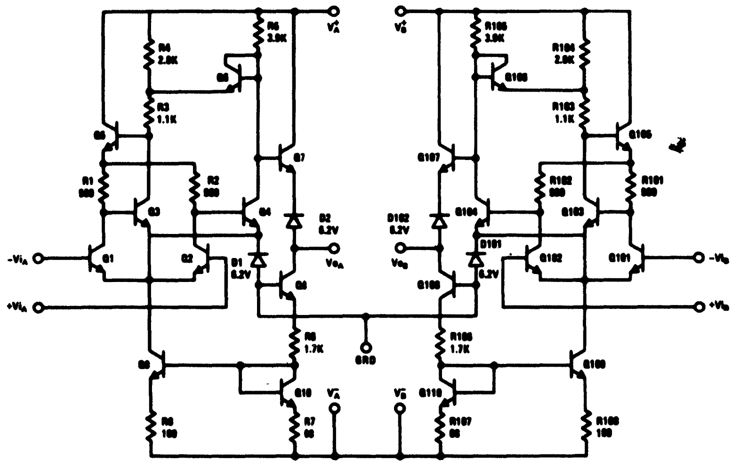
67LM11PX Dual Voltage Comparator



	V+	V-	INPUT 1		INV	NON INV	S1	S2	01	02	G
			INV	NON INV							
67LM11PX	11	4	2	3	6	5	13	8	10	9	12

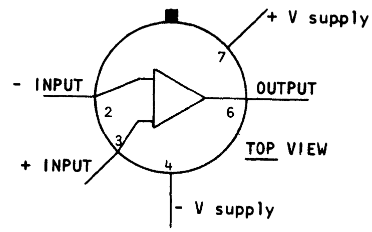
17. CIRCUIT DRAWINGS

44LM43JX Dual Voltage Comparator

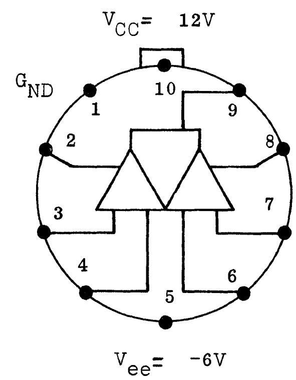


1	2	3	4	5	6	7	8	9	10	11	12	13	14
V_{OA}	NC	V_A^+	ND	$-V_{1B}$	$+V_{1B}$	V_B^-	V_{OB}	NC	V_B^+	GRD	$+V_{1A}$	V_A^+	V_A^-

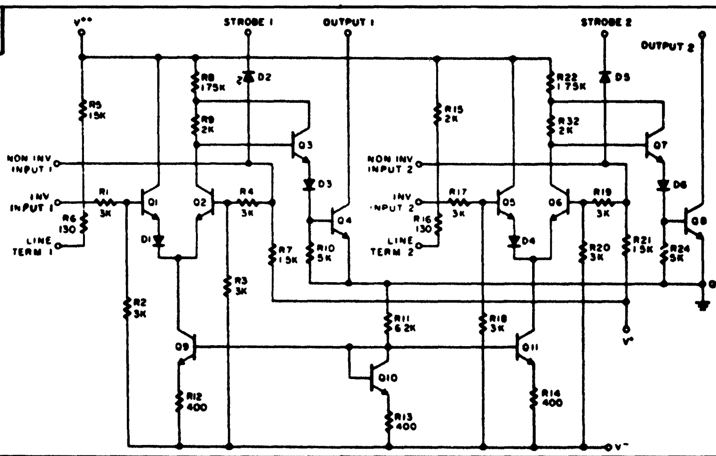
55LM01ZX Single Voltage Comparator



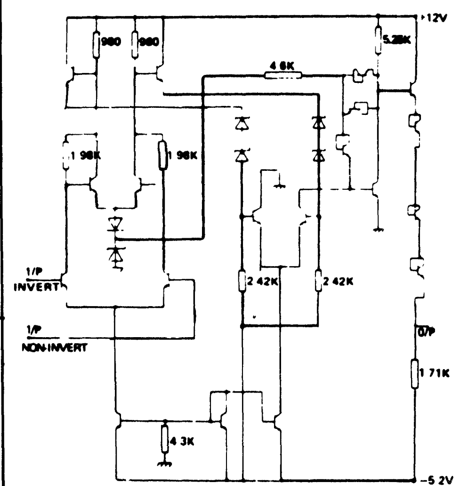
1SA11ZX Window Detector



44LM41JX Dual Voltage Comparator W/Strobe

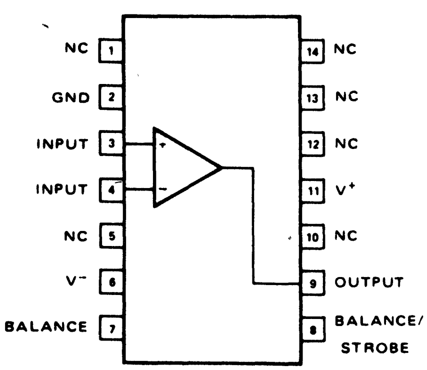


7SL17AX 7SL17CX Dual Voltage Comparator

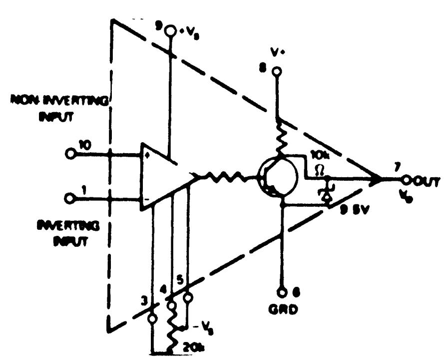


	CKT NC	INV INP	NON-INV INP	V	O/P	· 7	-7
7SL17AX	1 2	13 9	12 10	5	– 6	3	11
7SL17CX	1 2	7 3	6 4	1	8 2	9	5

1LM11MX Voltage Comparator W/Strobe



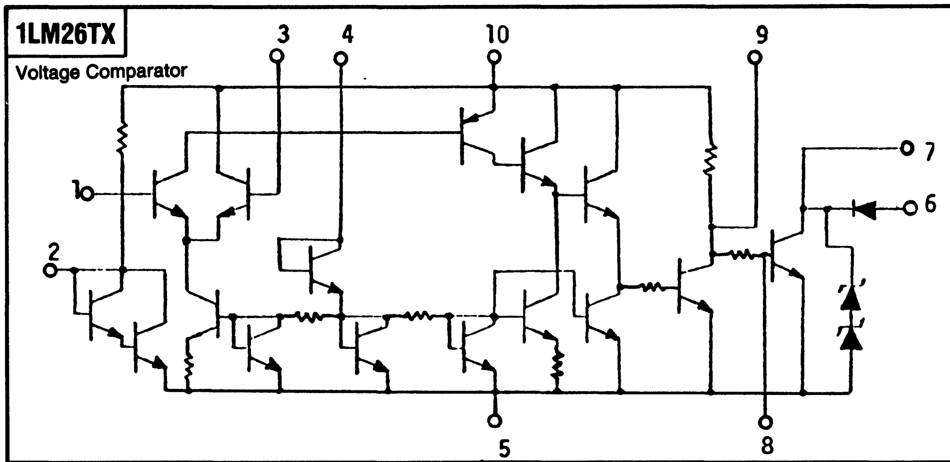
3LM51SX Voltage Comparator



17. CIRCUIT DRAWINGS

1LM26TX

Voltage Comparator

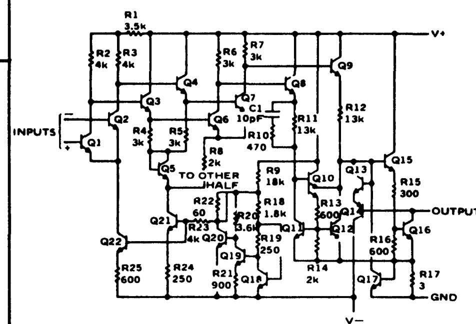


1LM19DC | 1LM19FX

1LM19DC – Dual Voltage Comparator–14 pin DIP

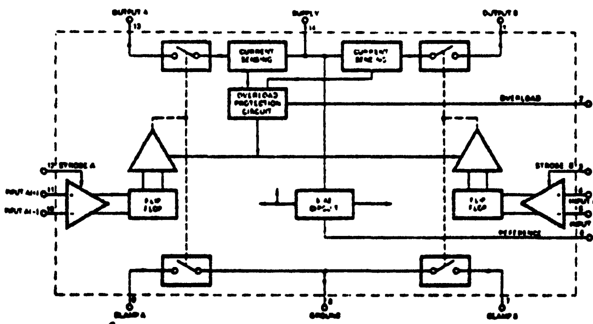
1LM19FX – Dual Voltage Comparator–10 pin F.P.

	PKG	CKT	–	+	INP OUTP	V+	V–	GND
1LM19HX	CN	1	4	3	1	10	5	2
		2	9	8	6			7
1LM19FX	FP	1	4	3	1	10	5	2
		2	9	8	6			7
1LM19DX	MP	1	5	4	12	11	6	3
		2	10	9	7			8



7LM50DX

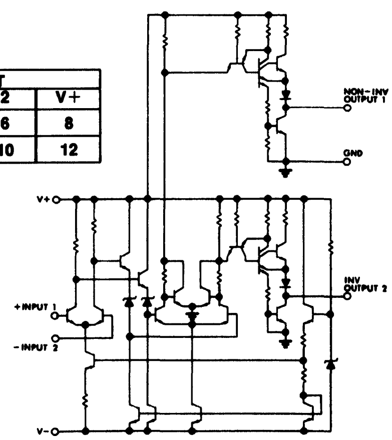
Adj. Linear Voltage Regulator W/Shutdown



1LM60JX

Voltage Comparator W/Complementary Outputs

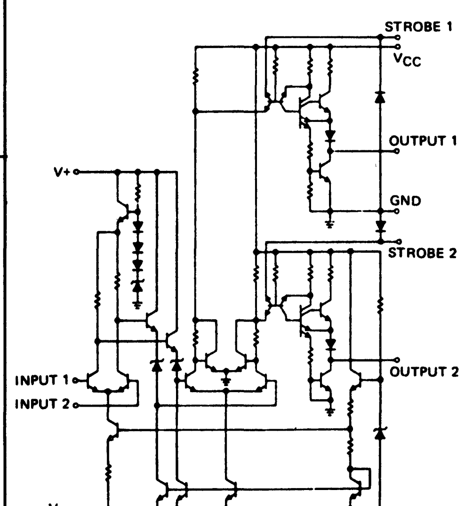
	PKG	INPUT 1	INPUT 2	V–	GND	OUTPUT 1	OUTPUT 2	V+
1LM60JX	CN	3	2	4	5	7	6	8
	FP/MP	5	4	6	9	11	10	12



1LM61JX

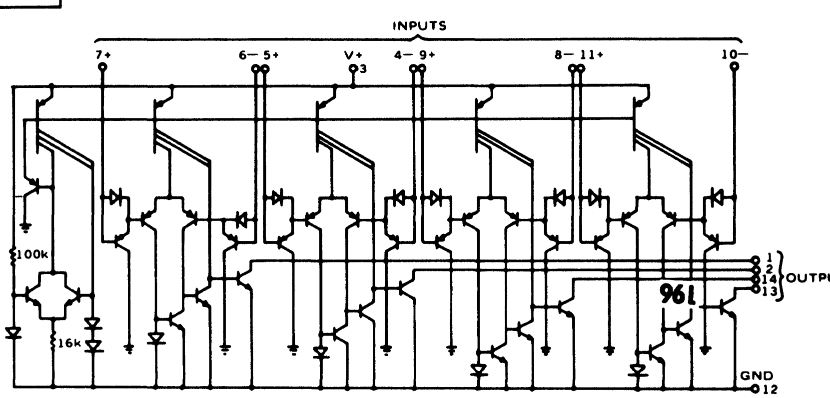
Voltage Comparator W/Compl. Outputs & Strobe

	PKG	INPUT V+	INPUT 1	INPUT 2	INPUT V–	STROBE 1	STROBE 2	OUTPUT 1	OUTPUT 2	GND	VCC
1LM61JX	FP/MP	1	3	4	6	13	8	11	9	10	14
	CN	10	1	2	3	8	4	7	5	6	9



7LM75DX

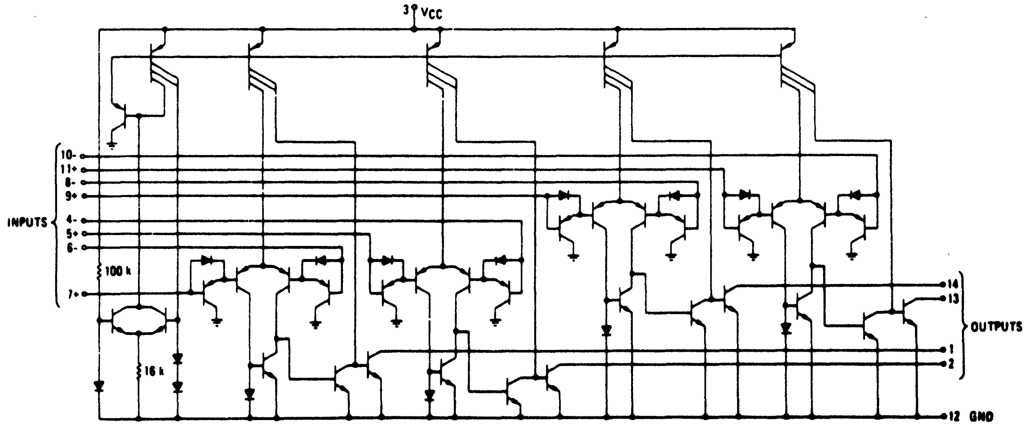
Quad Voltage Comparator



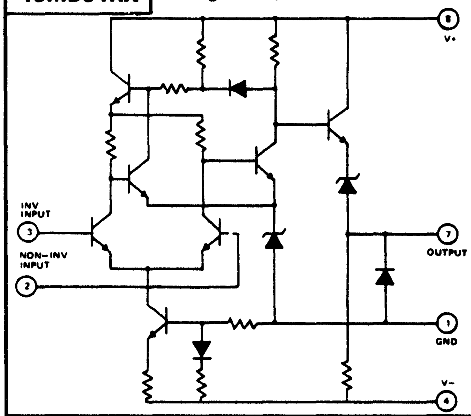
17. CIRCUIT DRAWINGS

29LM01PX

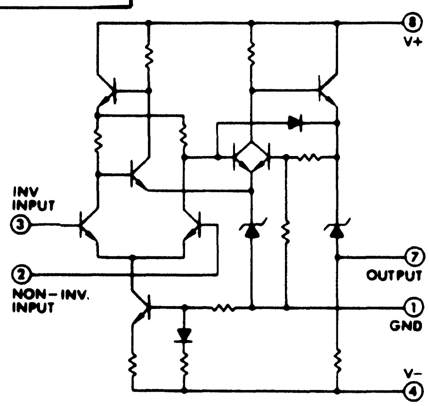
Quad Voltage Comparator



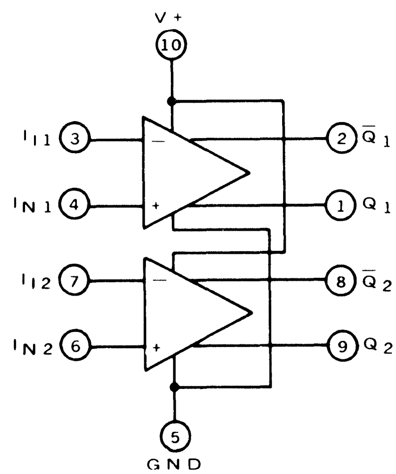
40MB01KX Voltage Comparator



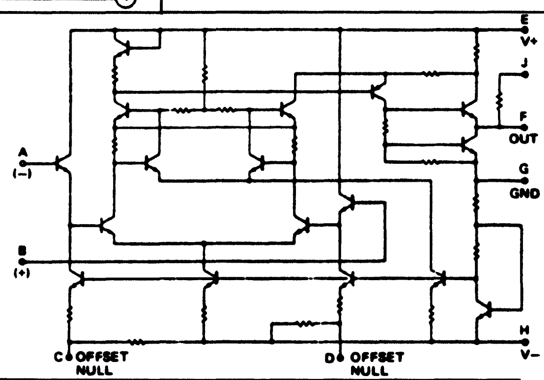
40MB02KX Voltage Comparator



3LM79AX Dual Voltage Comparator W/Complementary Outputs

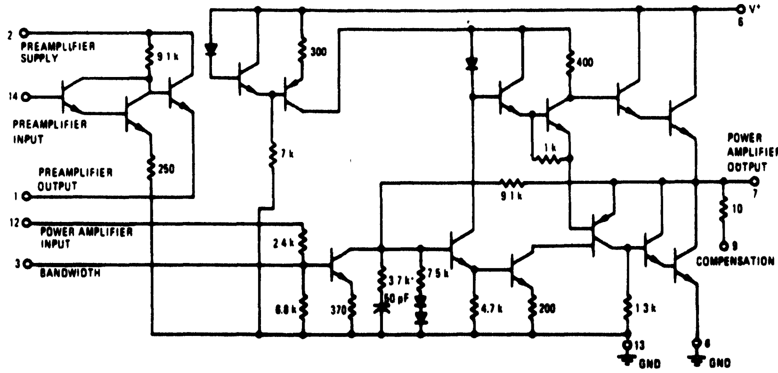


7LM34DX Voltage Comparator

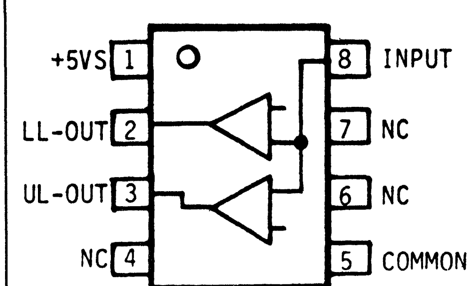


		A	B	C	D	E	F	G	H	J
7LM34DX	CN	1	10	3	4	9	7	6	5	8
	MP	7	5	8	10	3	13	12	11	14

60LM73PX 2-Watt Audio Power Amp W/Preamplifier



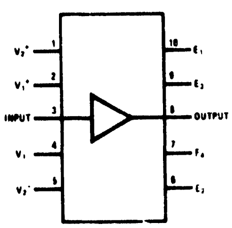
1MK04PX Window Detector



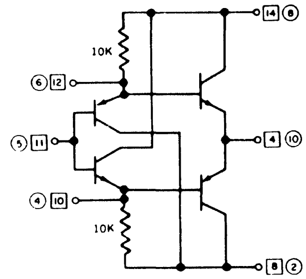
17. CIRCUIT DRAWINGS

00NH02NX — Current Amplifier

Dual-In-Line Package

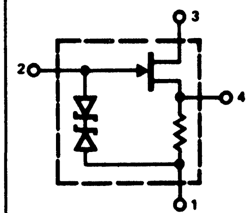


2PC60HX — Linear Pulse Power Amplifier



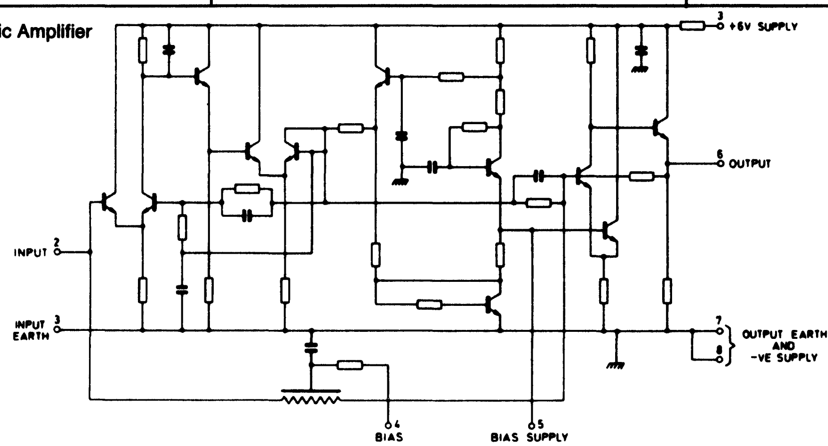
○ denotes TO 5 pins □ denotes 3/8 x 3/8 FP pins

1T00FX — Preamplifier for Transducer

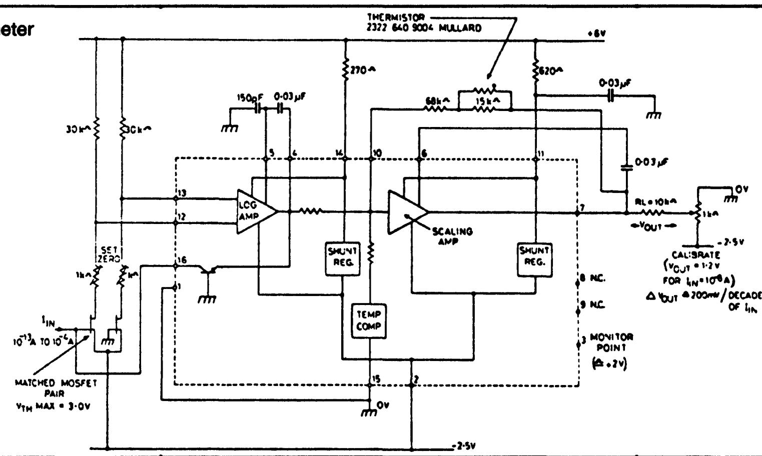


PIN	OUT
1	Common
2	Gate
3	Drain
4	Source, Case

5SL30CX — True Logarithmic Amplifier

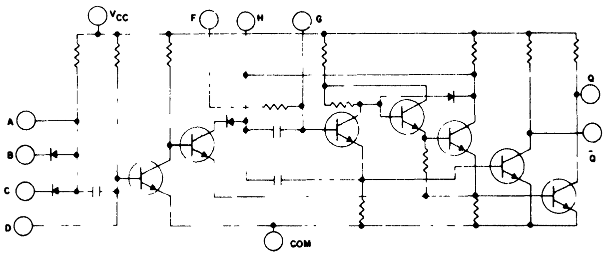


4LM56JX — Logarithmic Electrometer



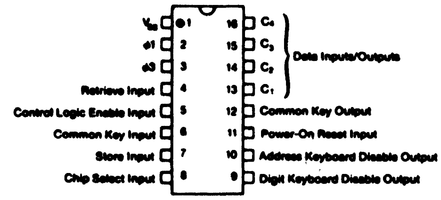
17. CIRCUIT DRAWINGS

9LM51SX | 9LM51TX RC Timer

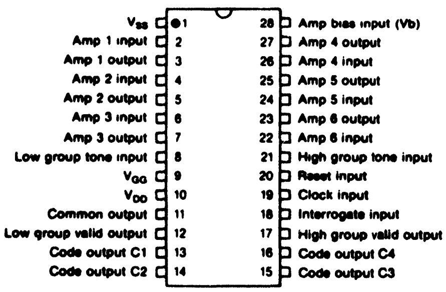


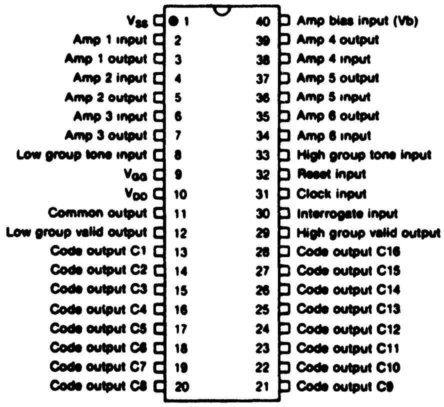
	PKG. STYLE	A	B	C	D	F	G	H	Q	Q	V_{CC}	COM
9LM51SX	MP & FP	2	3	4	5	9	10	11	6	1	14	7
	CN	2	3	4	NC	7	8	9	5	1	12	6
9LM51TX		8	9	NC	NC	2	3	4	10	7	6	1

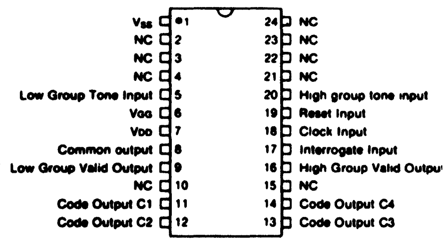
9L200AX Repertory Dialer



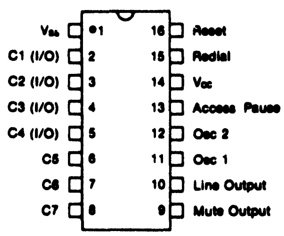
9L801AX DTMF Receiver



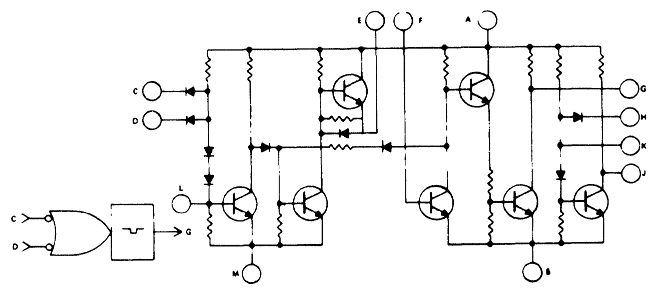




9L600AX Push-Button Tone Dialer

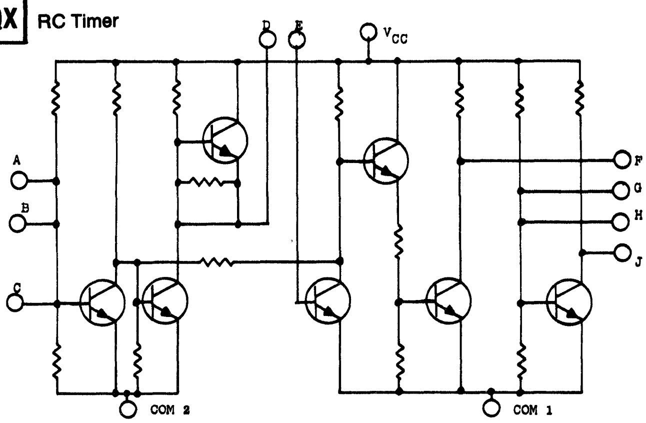


10LM1ZX RC Timer



	PKG	A	B	C	D	E	F	G	H	J	K	L	M
10LM1ZX	FPandMP	7	14	11	10	4	3	9	2	13	1	6	5
	CN	4	10	7	6	1	12	5	11	9	8	3	2
	FP	1	6	3	4	9	8	2	7	5			10

98LM8DX | 10LM2QX RC Timer

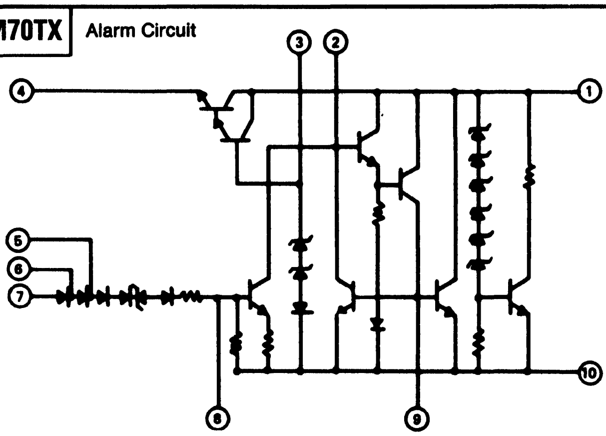


	A	B	C	D	E	F	G
98LM8DX	9	8		4	3	7	
10LM2QX	3	4	13	11	10	1	8

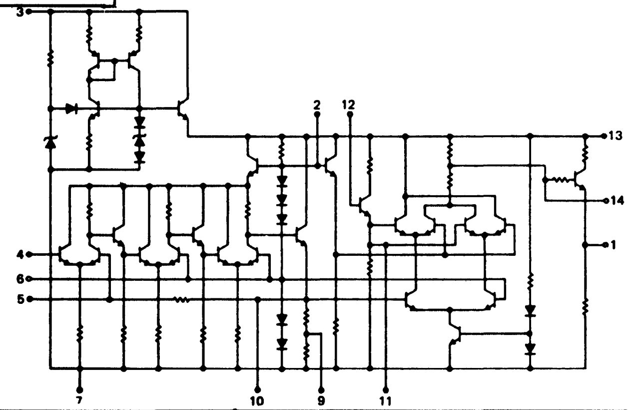
	H	J	VCC	COM1	COM2
98LM8DX	2	10	6	1	5
10LM2QX	9	6	14	7	12

17. CIRCUIT DRAWINGS

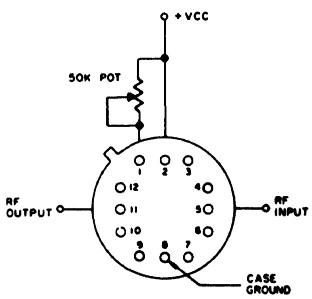
51M70TX Alarm Circuit



18LM41NX · FM Detector/Limiter

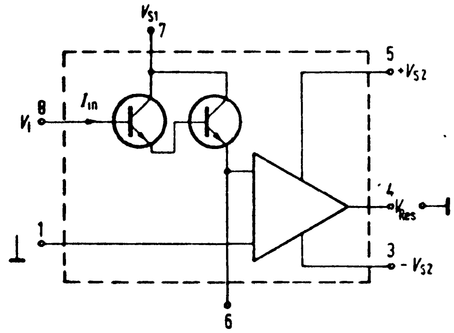


40AT02ZX Wideband Variable Attenuator

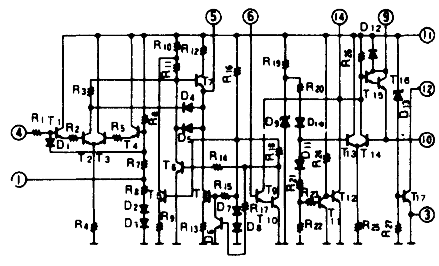


NOTES
1 PIN 4, OPEN INTERNALLY
2 PINS 3,6,7,8,9,10 & 12 GND INTERNALLY

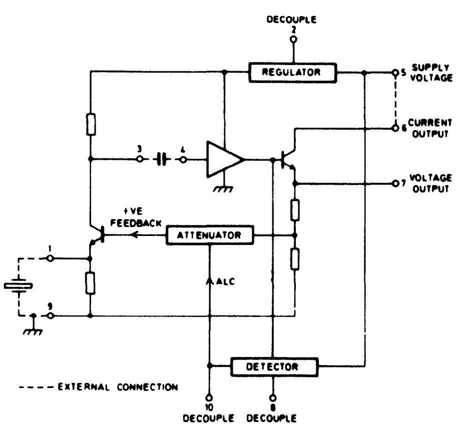
6TP3ZX Threshold Switch for Photodiodes

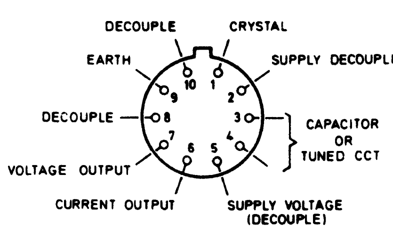


6AN03ZX Tachometer

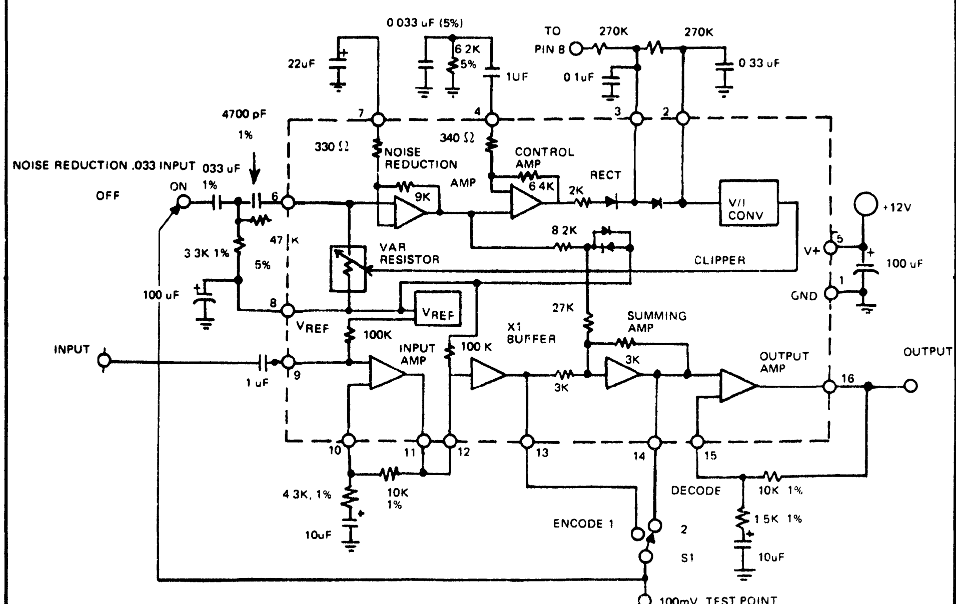


6SL80CX Crystal Oscillator Circuit



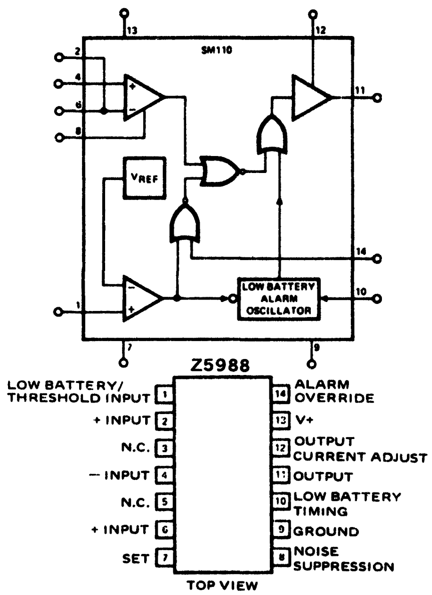


73LM00PX Dolby Noise-Reduction Circuit

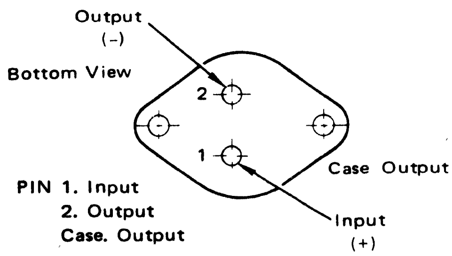


17. CIRCUIT DRAWINGS

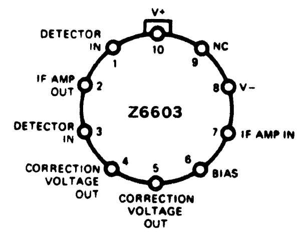
9L11JX Detector Alarm Circuit



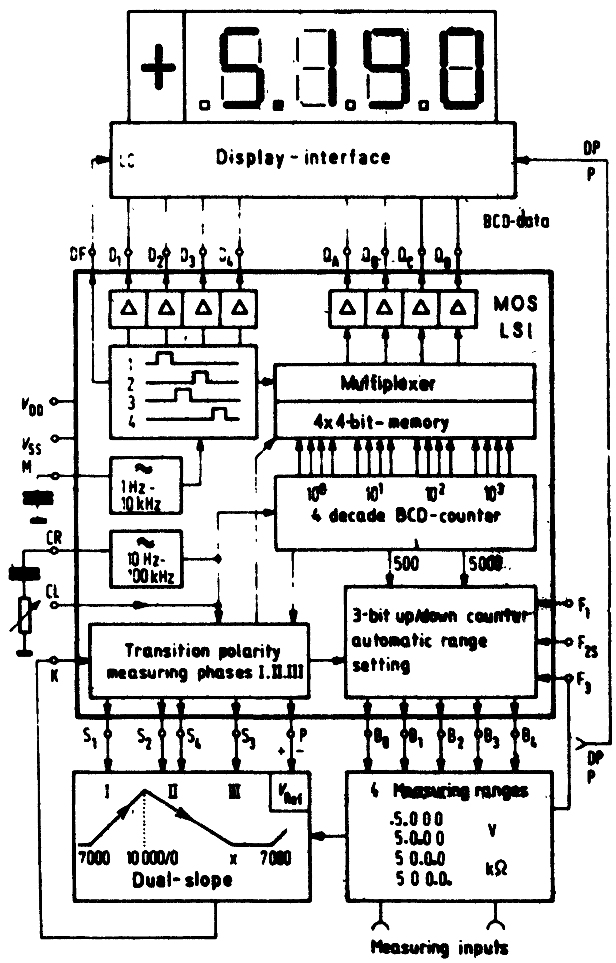
34LM22RX Current Limiter W/Thermal Shutdown



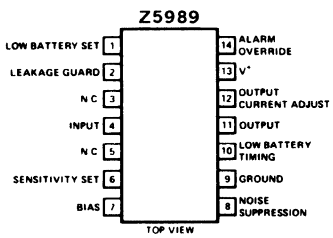
13LM64GX Automatic Frequency Control



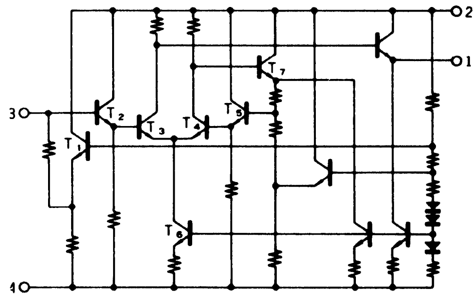
1S90ZXZ Digital Multimeter Circuit



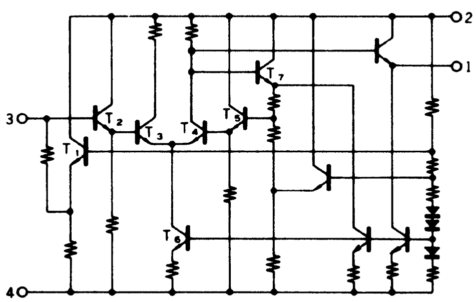
1SM10JX Smoke Detector Circuit



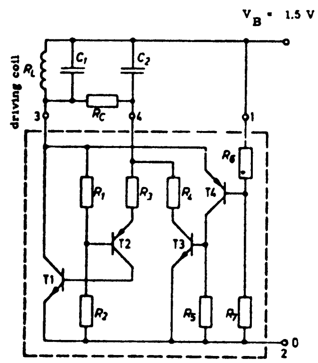
6AN07ZX Video Amplifier



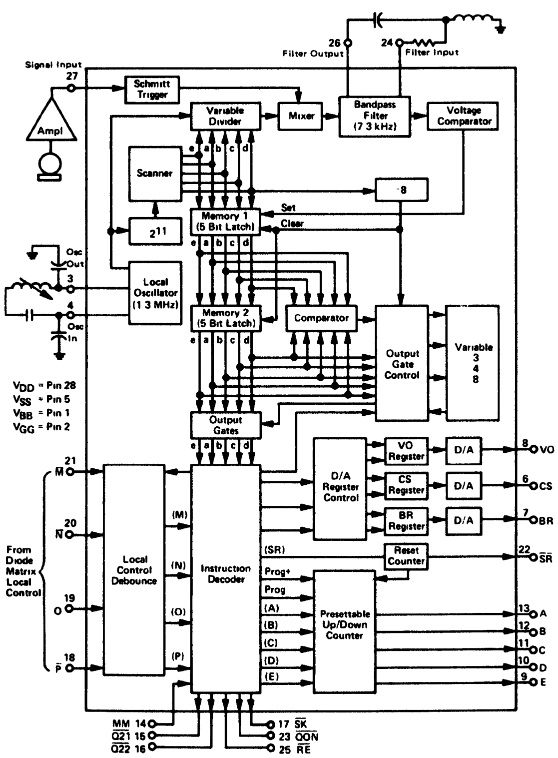
6AN08ZX Video Amplifier



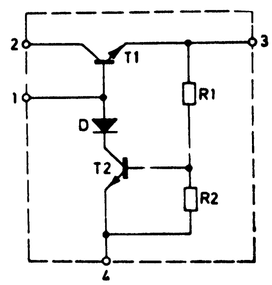
8TA60ZX 1-Coil Driver for Battery-Powered Clocks



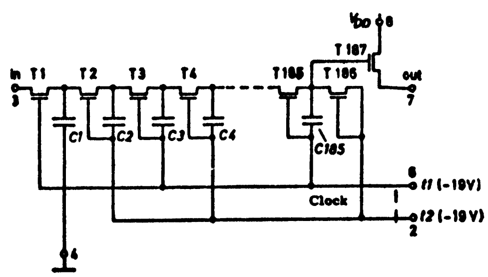
65LM26PX Remote Control Receiver



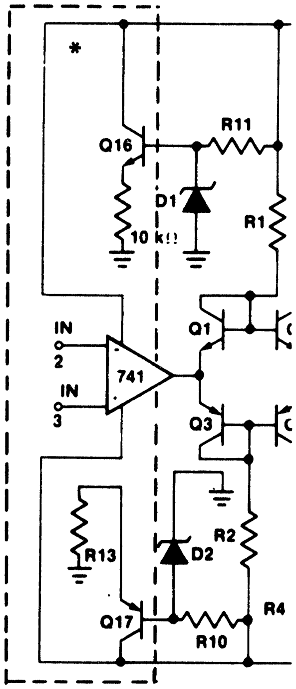
7TA80AX 1.1V Stabilizer

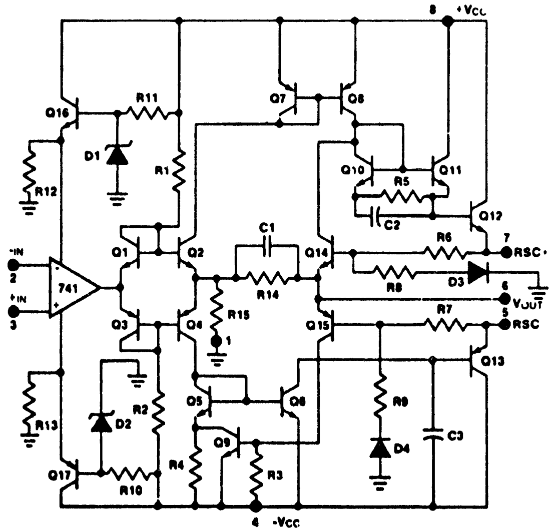


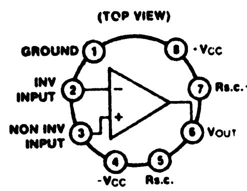
3TC50ZX Analog Delay Line



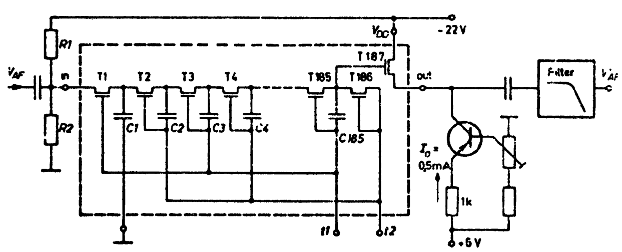
85LM10ZX Power Amplifier/Motor Actuator Driver



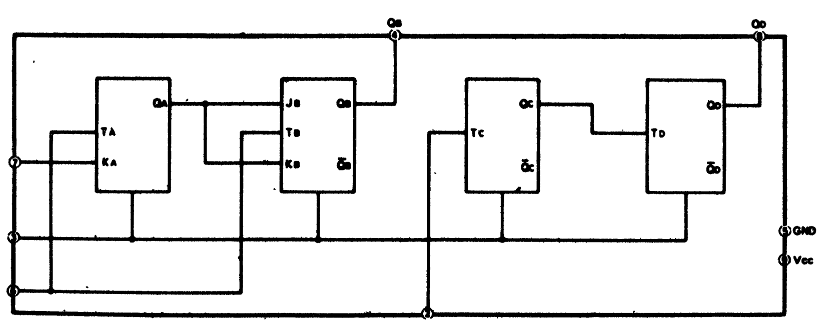




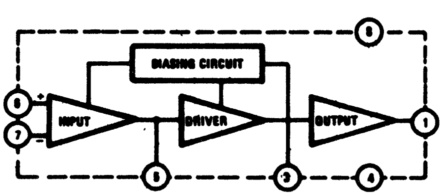
3TC50YX Analog Delay Line



6AN03NX Tachometer Circuit

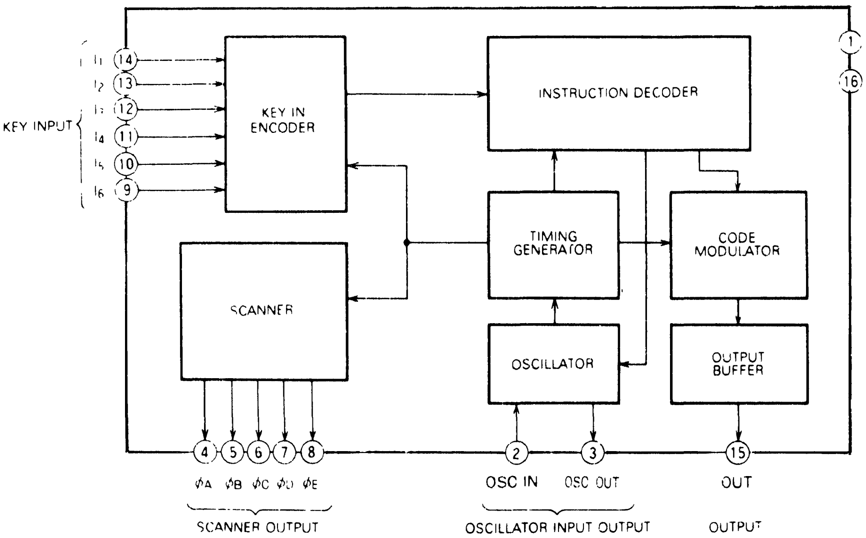


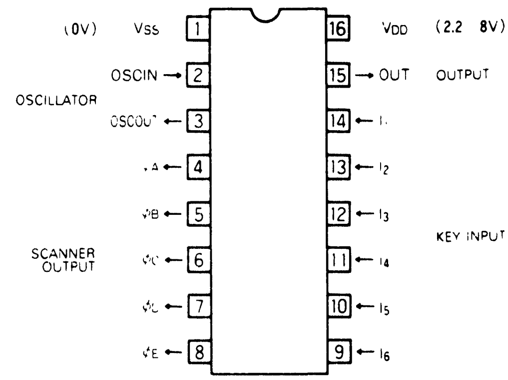
12H414ZX FM/AM IF System



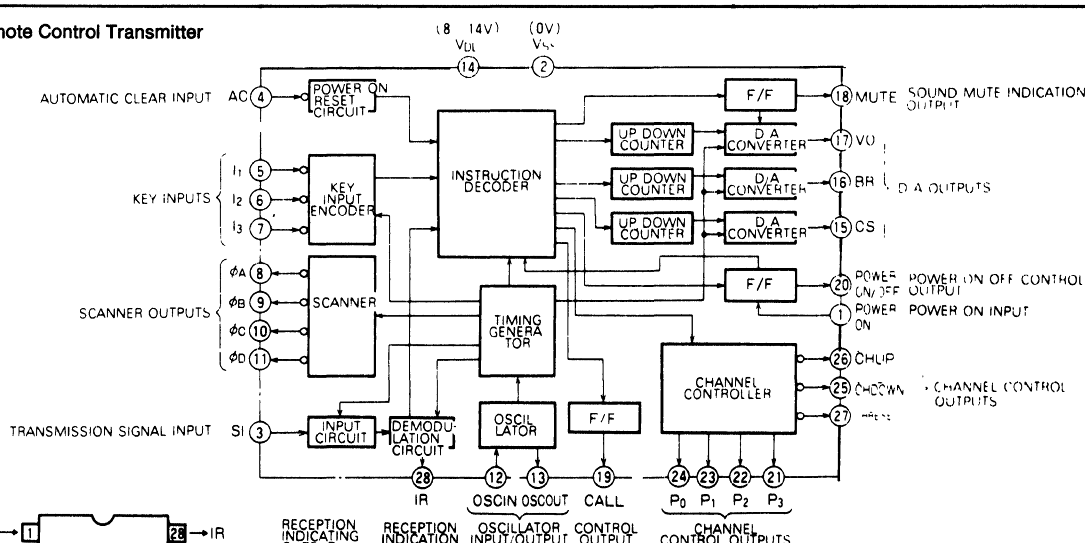
17. CIRCUIT DRAWINGS

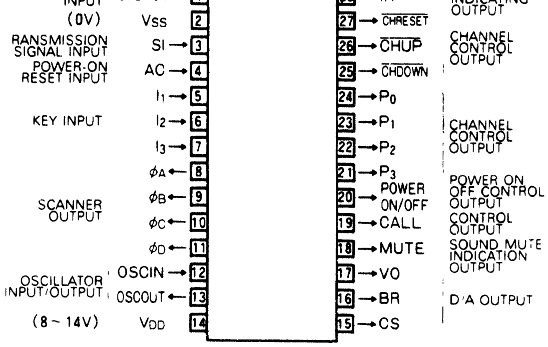
58M480PX PCM Remote Control Transmitter





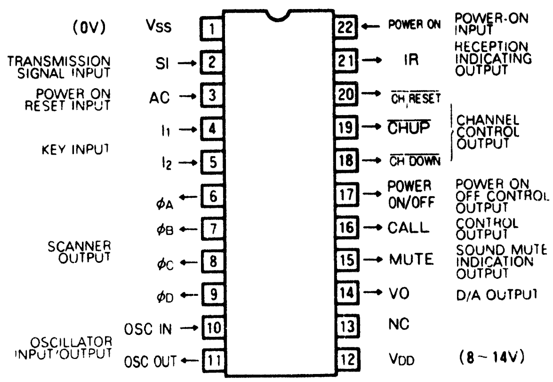
58M485PX PCM Remote Control Transmitter

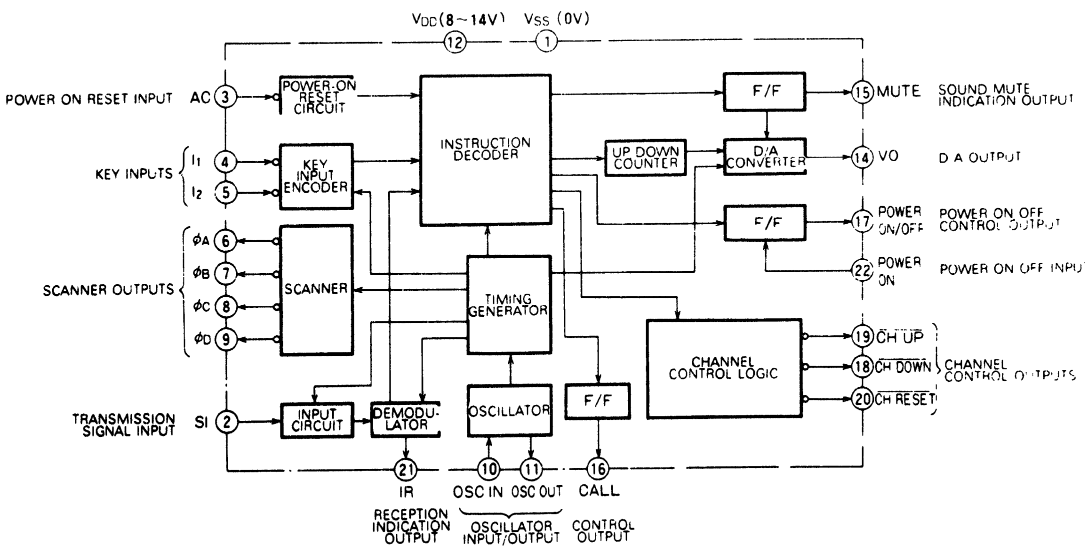




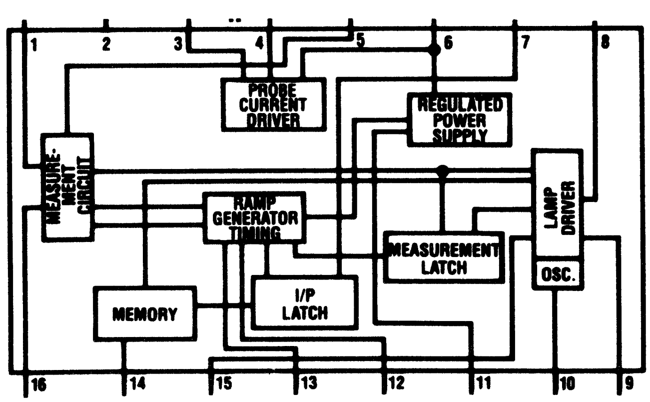
17. CIRCUIT DRAWINGS

58M487PX PCM Remote Control Transmitter





10LM30JX Fluid Level Detector



31LM65EX Electronic Switching Circuit

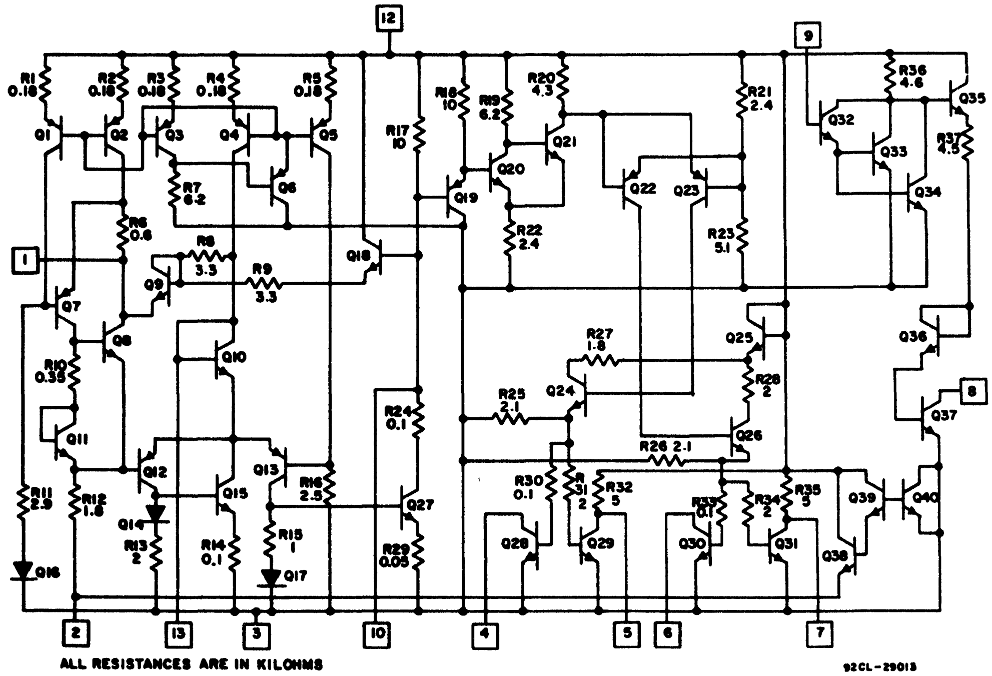
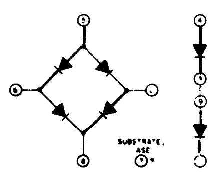


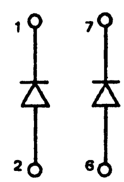
Fig. 3 - Schematic diagram for CA3165E1

30LM19HX 6 Diode Elements

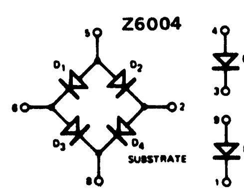


* Connect to most negative circuit potential

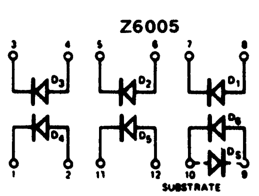
1ID00ZX 2 Diode Elements



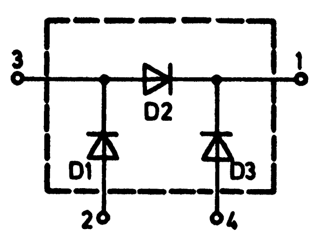
30UA39HX 6 Diode Elements



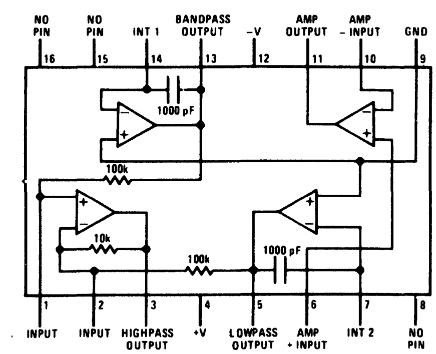
30UA19HX 6 Diode Elements



10TD53AX PIN Diode Pi-Network

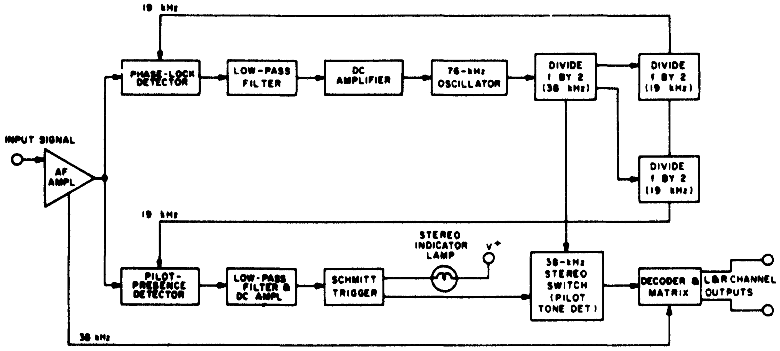


1AF60JX Wideband Active Filter

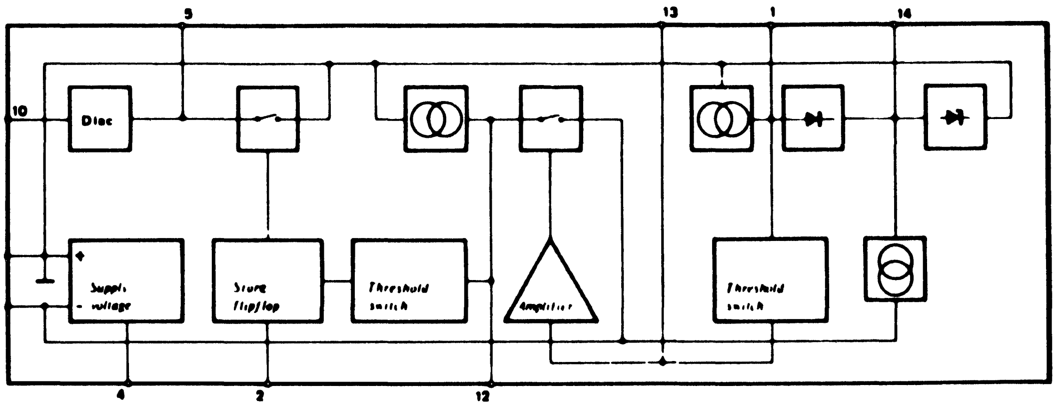


17. CIRCUIT DRAWINGS

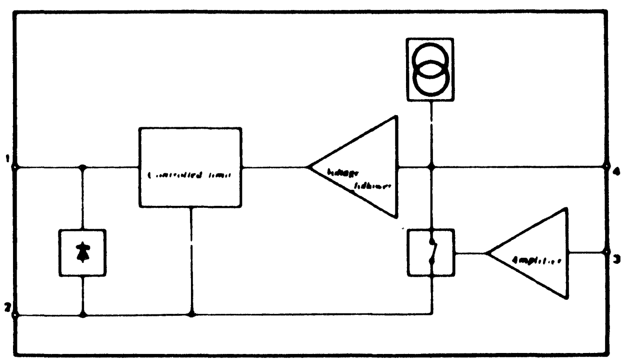
13LM10EX Phase Locked Loop Stereo Decoder



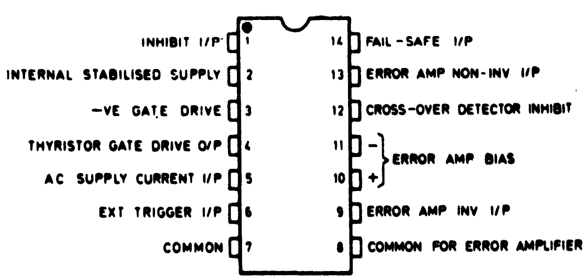
1U12BX TRIAC Control Circuit W/Touch Switch

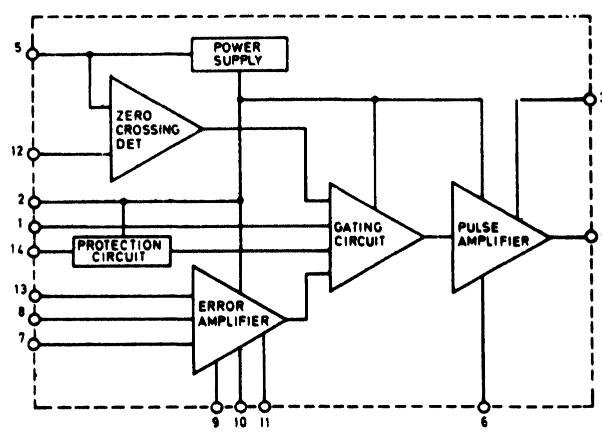


1U13BX Touch Switch



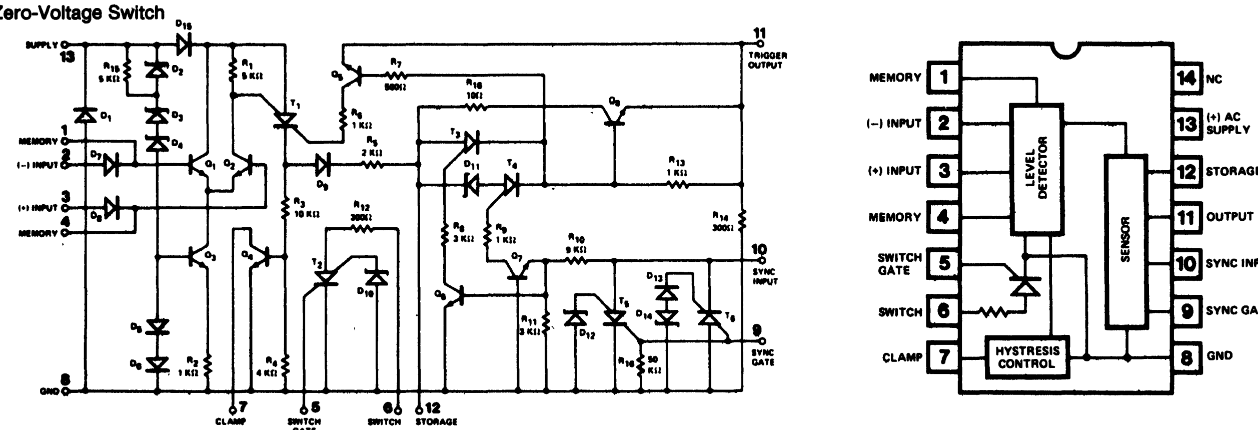
4SL47ZX TRIAC/SCR Burst Controller



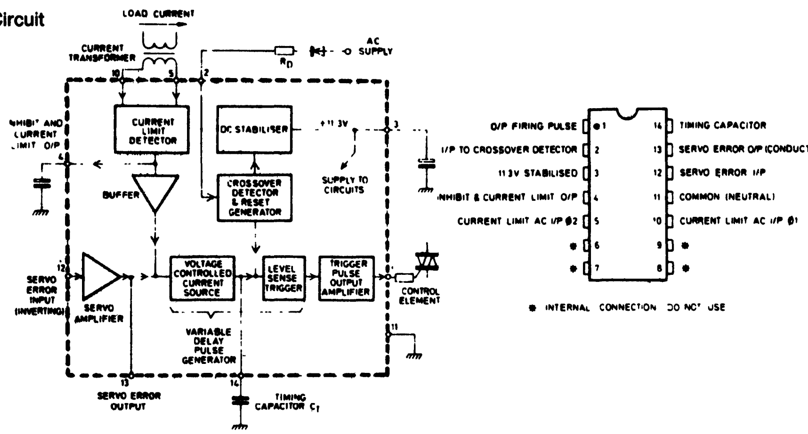


17. CIRCUIT DRAWINGS

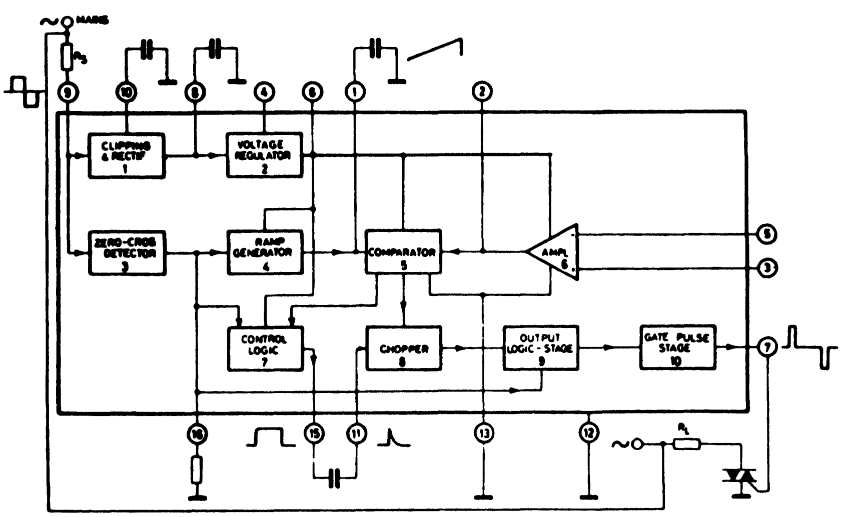
7LM42DX Zero-Voltage Switch



4SL40PX Power Control Circuit

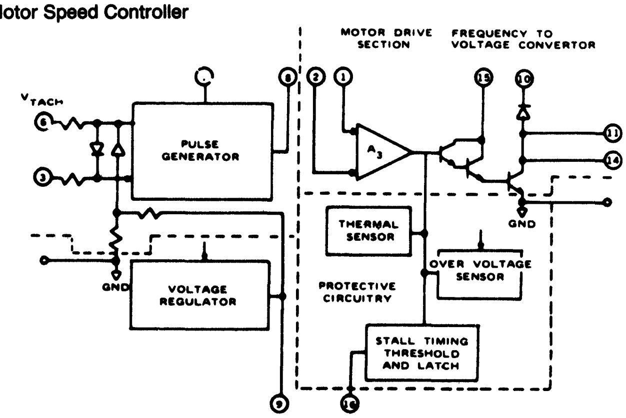


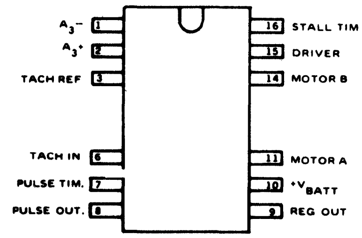
1L21BX Zero-Crossing AC Trigger



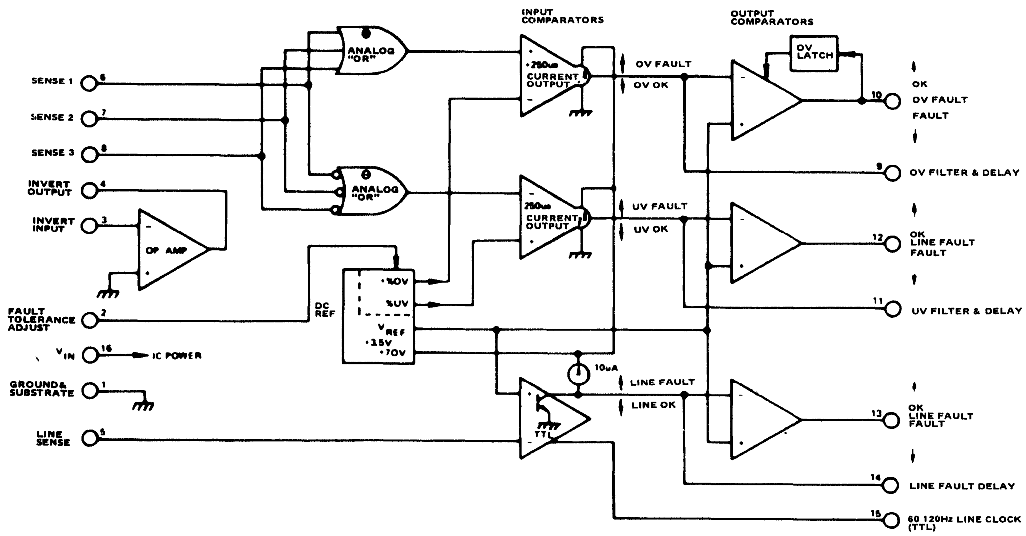
17. CIRCUIT DRAWINGS

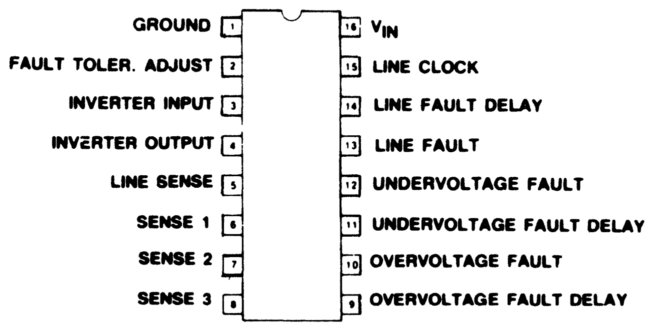
73LM91PX Motor Speed Controller



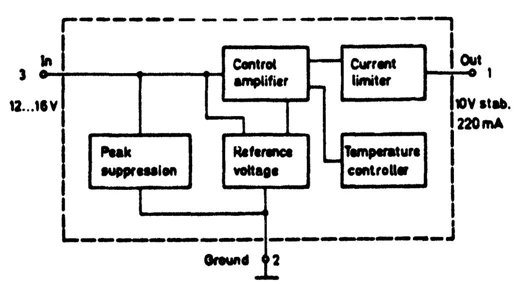


15LM47JX Quad Power Fault Monitor

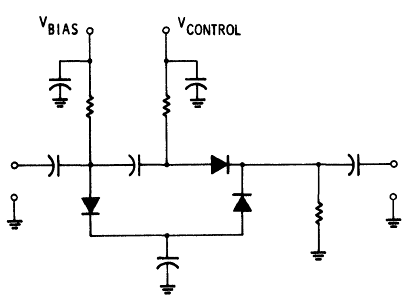




7TC00XX Car Voltage Stabilizer

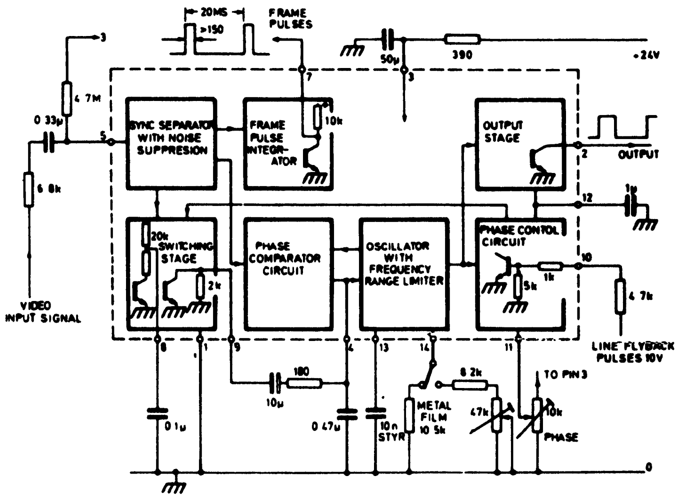


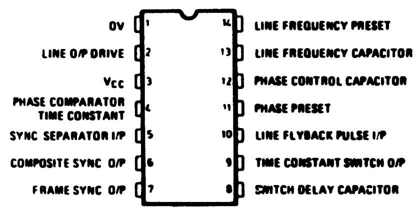
0WJ1ZX Attenuator



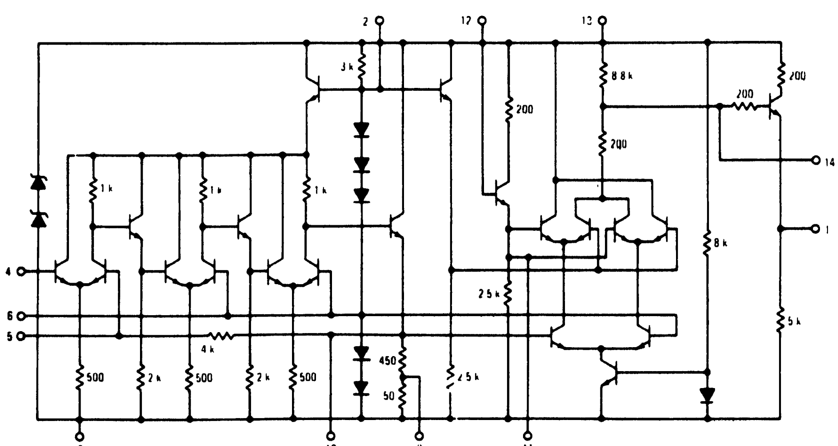
π PAD ATTENUATOR

9TB40ZX Controlled Pulse Generator



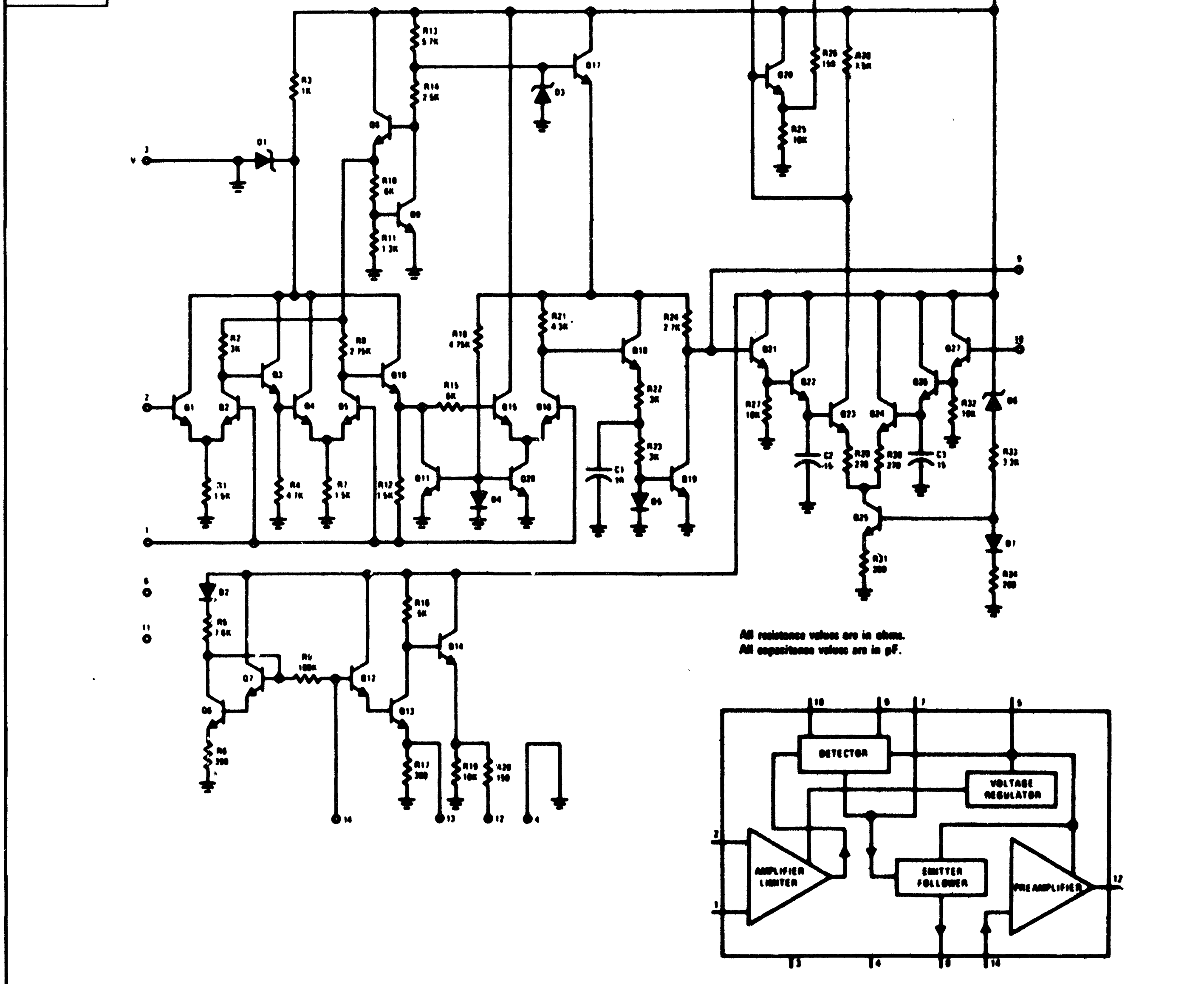


21LM11NX FM Detector/Limiter

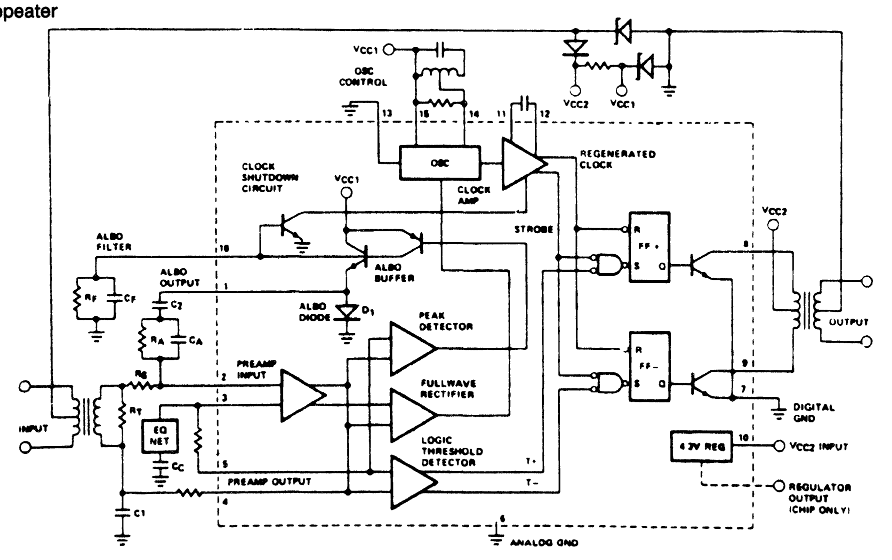


17. CIRCUIT DRAWINGS

51LM1VX Limiter/Detector

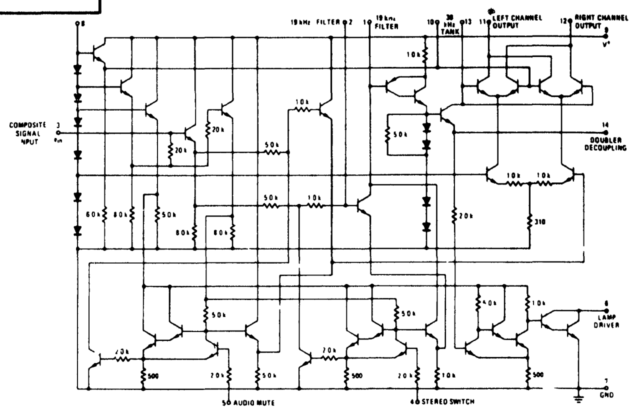


8RP2ZX PCM Carrier Repeater

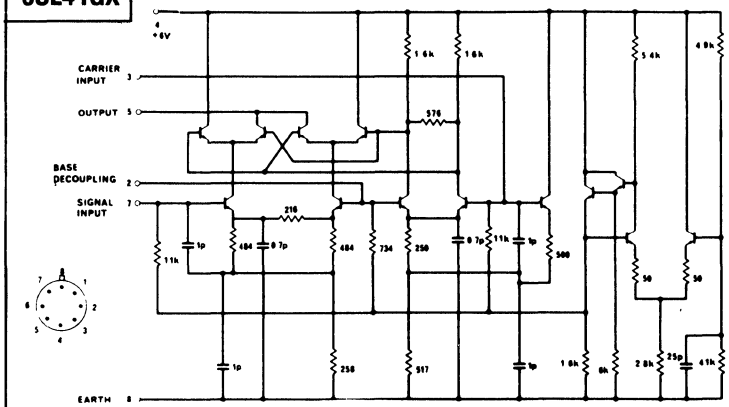


17. CIRCUIT DRAWINGS

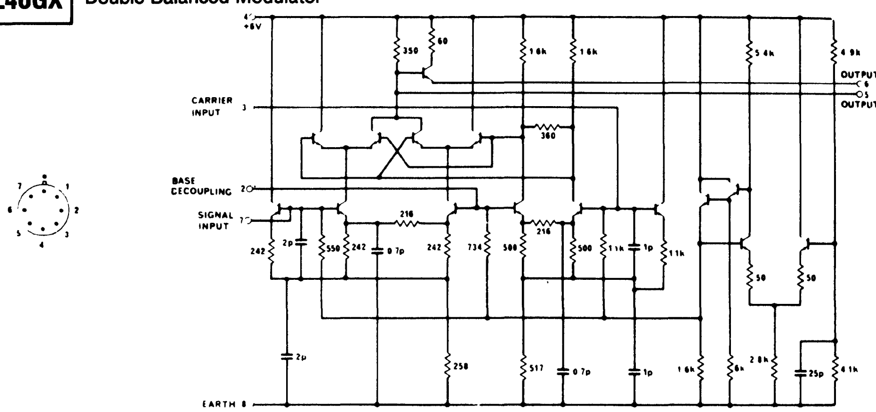
13LM04LX FM Multiplex Stereo Decoder



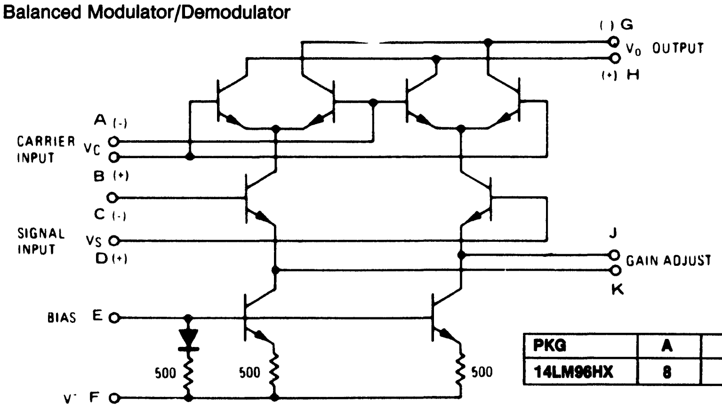
6SL41GX Double Balanced Modulator



6SL40GX Double Balanced Modulator

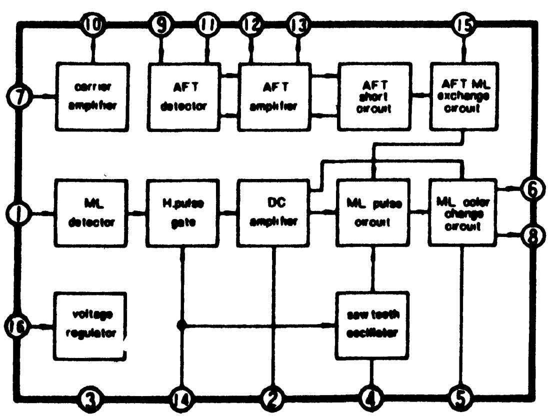


14LM96HX Balanced Modulator/Demodulator



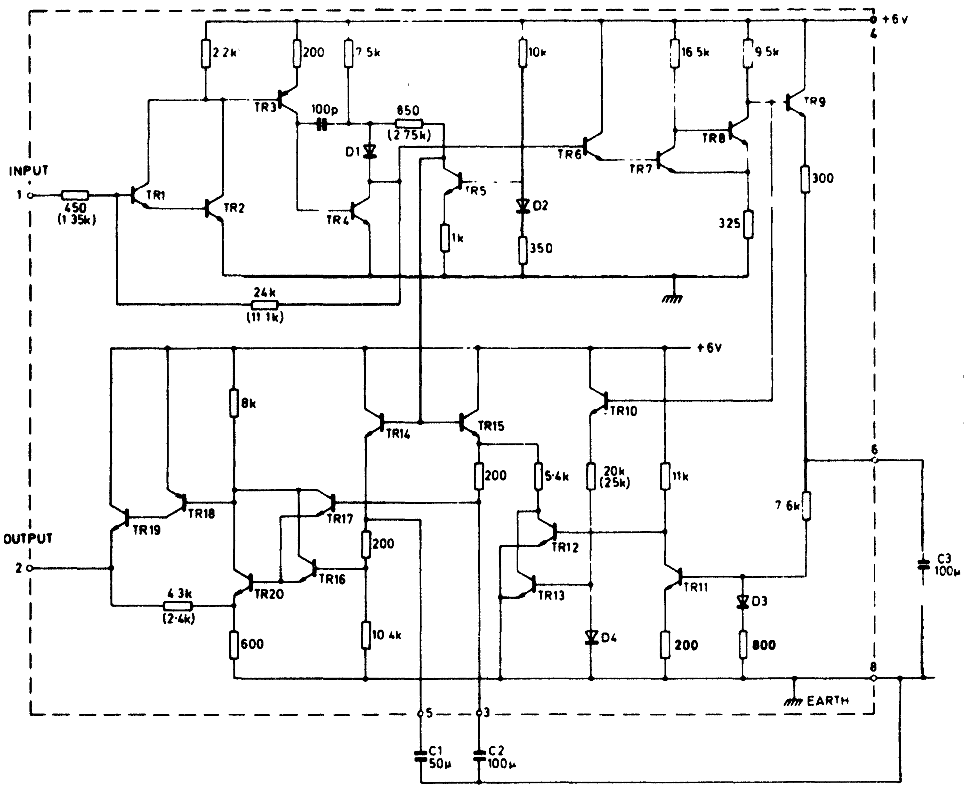
PKG	A	B	C	D	E	F	G	H	J	K
14LM96HX	8	7	4	1	5	10	9	6	2	3

3AN20ZX TV Color Tuning System Combination

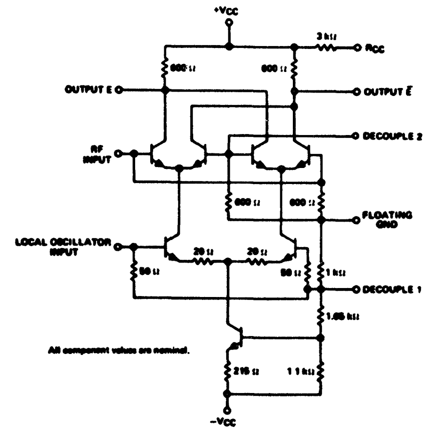


17. CIRCUIT DRAWINGS

6SL20GX | 6SL20CX AGC Generator



56S514JX Balanced Mixer

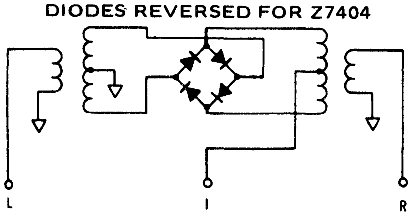


PKG	V+	V-	OUTPUT E	OUTPUT Ē	FLOAT COM
TO100	1	5	2	10	3
MP	2	6	3	13	4

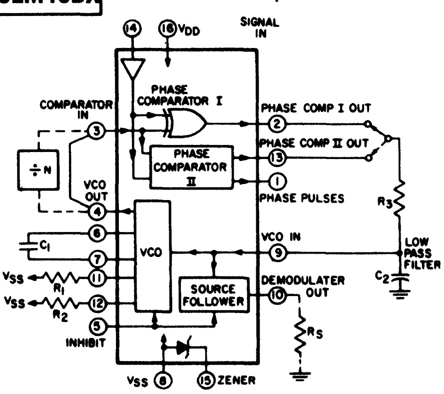
LOCAL OSC.IN	DECOUPLE 1	DECOUPLE 2	RF IN	RCC
4	6	7	8	9
5	9	10	11	12

0WJ2HX | 0WJ2BX Ring Modulator

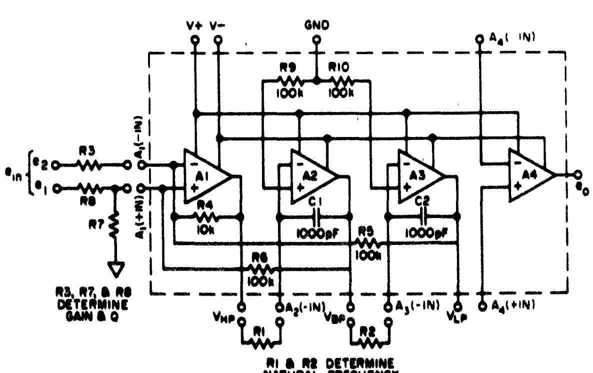
DIODES REVERSED FOR Z7404



40LM46BX Phase Locked Loop



70LM96CX | 70LM32CX Active Filter



Z7610

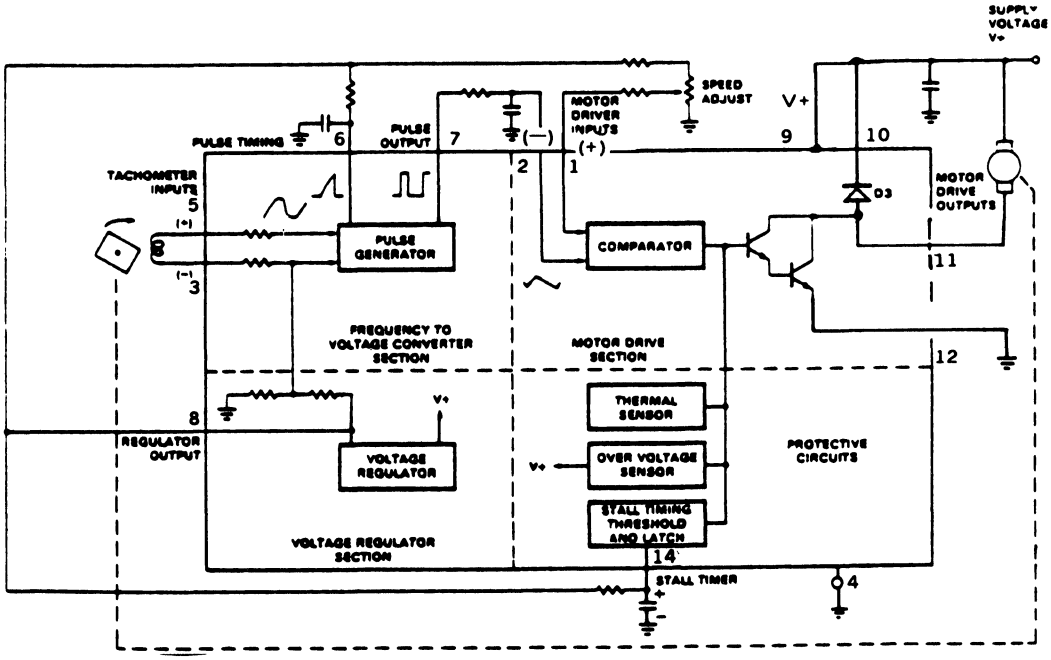
PIN	FUNCTION	PIN	FUNCTION
1	NC	8	A_4 (−IN)
2	A_1 (−IN)	9	V_{LP}
3	A_2 (−IN)	10	A_4 (+ IN)
4	V−	11	V+
5	A_3 (−IN)	12	A_1 (+ IN)
6	V_O	13	V_{BP}
7	GND	14	V_{HP}

Z7611

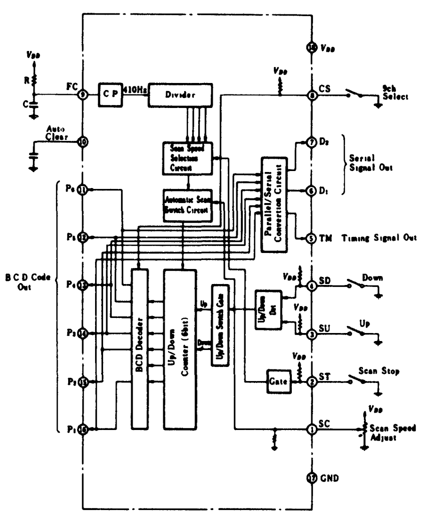
PIN	FUNCTION	PIN	FUNCTION
1	A_4 (+ IN)	9	V_{BP}
2	V_O	10	V+
3	V_{LP}	11	NC
4	NC	12	A_1 (+ IN)
5	A_3 (−IN)	13	V_{HP}
6	NC	14	A_1 (−IN)
7	GND	15	V−
8	A_2 (−IN)	16	A_4 (−IN)

17. CIRCUIT DRAWINGS

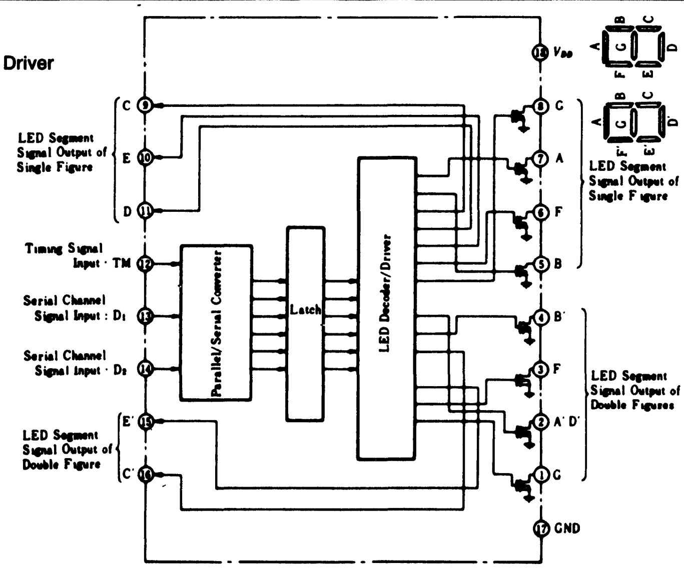
73LM92PX DC Motor Speed Control Circuit



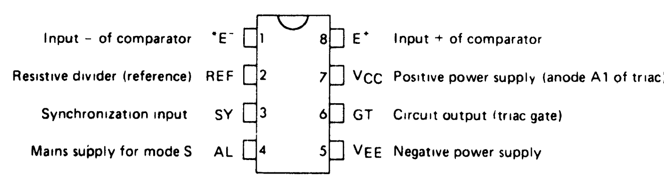
42H854ZX CB Scanner Controller



42H855ZX CB Scanner Display Driver

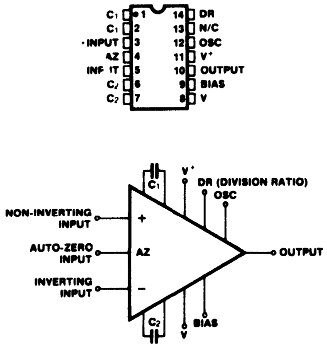


72LM07PX Oscillator/Frequency Divider

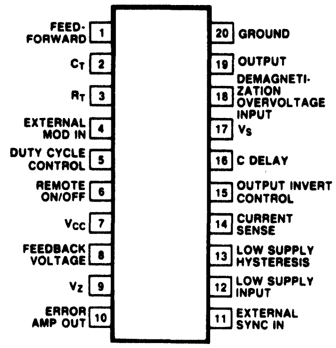


17. CIRCUIT DRAWINGS

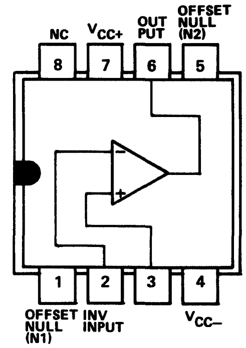
51LM90NX Single Commutating Auto Zero (CAZ) Op Amp - 14 pin DIP



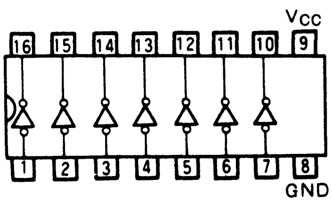
55LM62NX SMPS Control Ckt



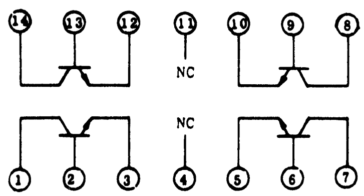
55LM34HX Single Operational Amplifier - 8 pin DIP or Can



56LM32RX Driver Buffer/Array

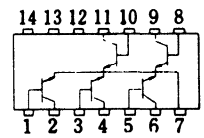


57LM01AX 57LM02AX Quad Transistors

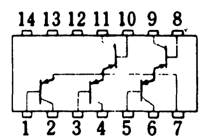


57LM02AX HAS PNP TRANS

57LM42MX 57LM43MX 5 transistor Common emitter array



54LM42MX

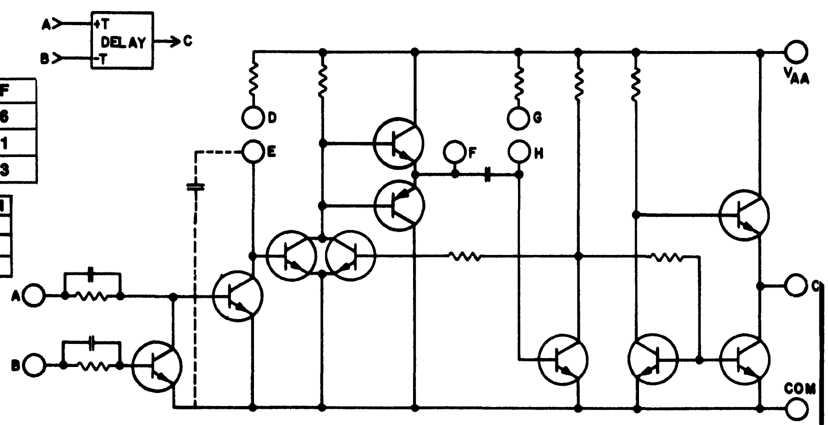


57LM43MX

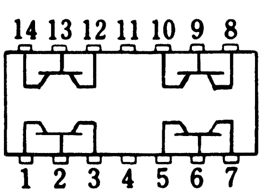
53LM80SX RC Timer

	OUTLINE	A	B	C	D	E	F
53LM80SX	FP	9	10	2	4	5	6
53LM80SX	FP	4	5	9	7	6	1
	MP	6	7	13	11	10	3

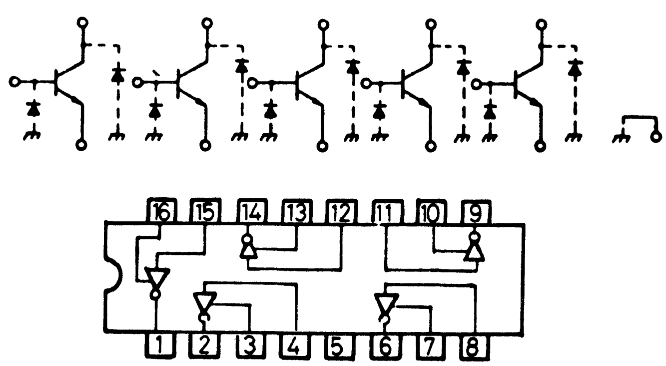
G	H	V_{AA}	COM
1	7	3	8
10	2	8	3
14	4	12	5



60LM01TX Quad Transistors

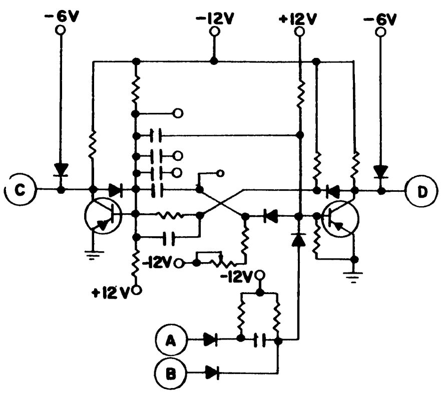


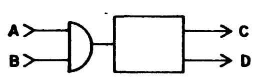
62M507LX Power Driver Array



17. CIRCUIT DRAWINGS

60S41SX | 60S42SX — RC Timer

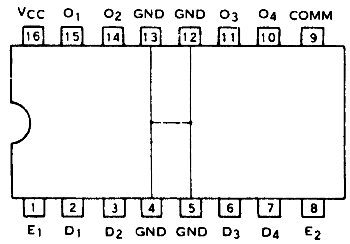




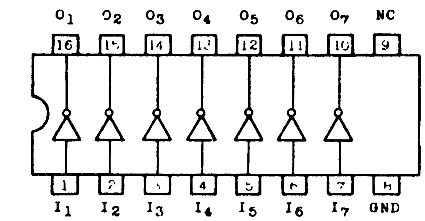
CKT NO	A	B	C	D
1	C	B	5	A
2	V	W	15	X
3	H	F	10	E
4	Z	AA	20	BB

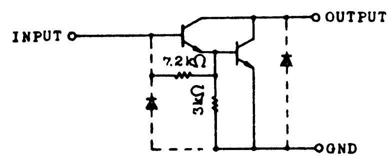
H015A PULSE WIDTH ALSO VARIED BY A POTENTIOMETER OVER A 4:1 RATIO.

62M107LX — Quad Darlington Array

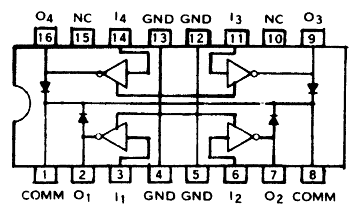


62M101HX — 7-Element Driver Array



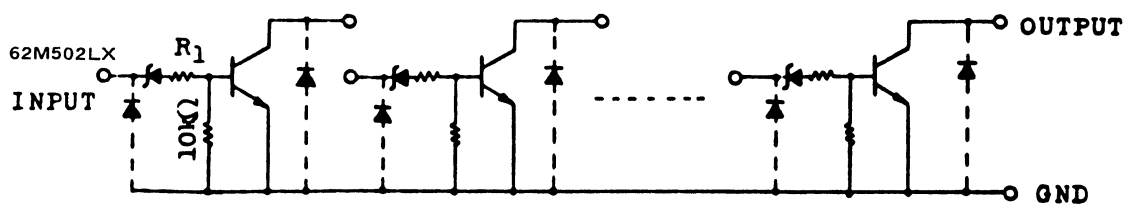


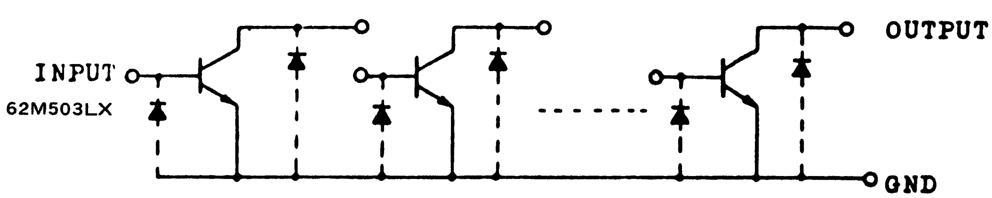
62M064LX — Quad Power Driver/Buffer Array

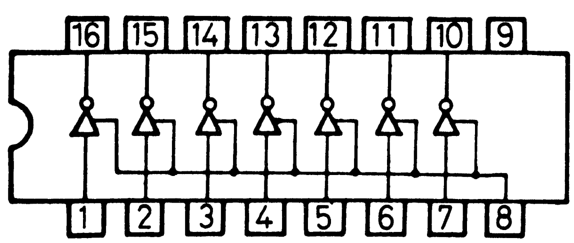


(TOP VIEW)

62M502LX | 62M503LX — Power Driver Array

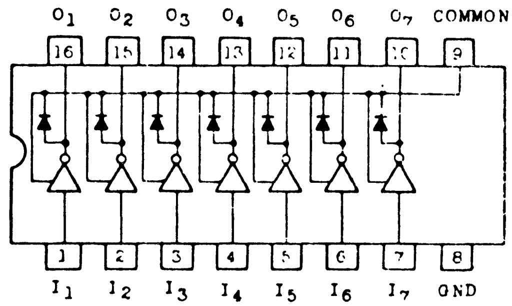


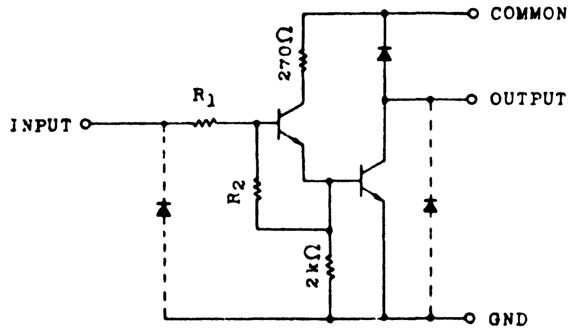




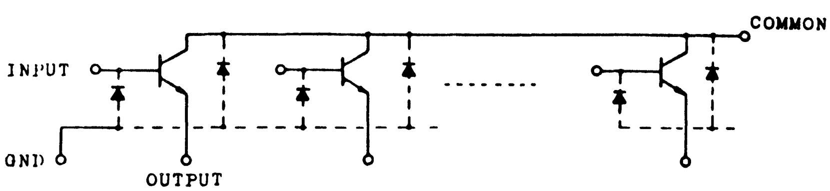
17. CIRCUIT DRAWINGS

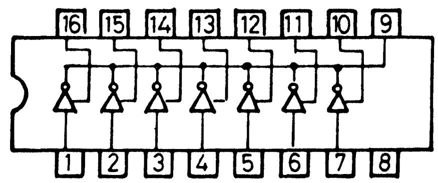
62M301LX Driver/Buffer Array



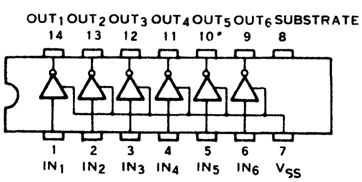


62M505LX Driver/Buffer Array

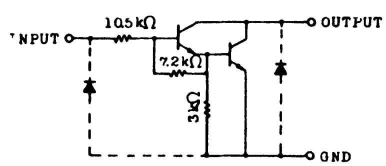




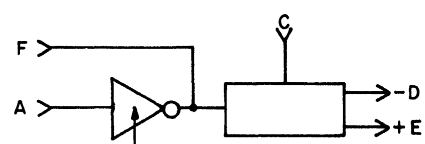
62M703LX Hex Buffer/Driver Array



62M104NX Transistor Array Power Driver



63LM03ZX RC Timer

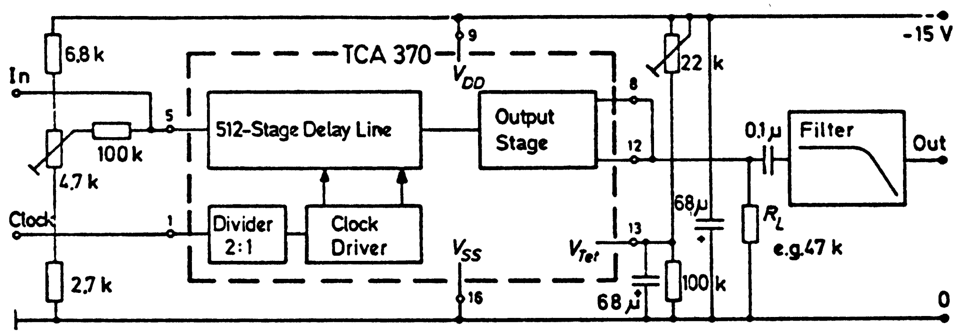


3 CKTS

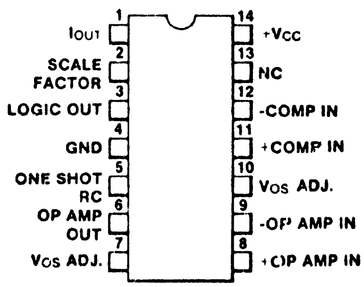
CKT NO	1	2	3
A	L	M	U
B	K	N	V
C	H	R	X
D	E	S	Z
E	F	T	Y
F	J	P	W

17. CIRCUIT DRAWINGS

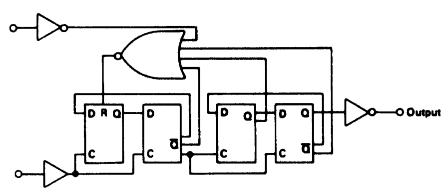
3TC70ZX 512-Stage AF Delay Line



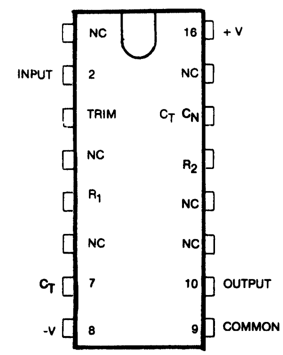
71LM51DX V/F Converter



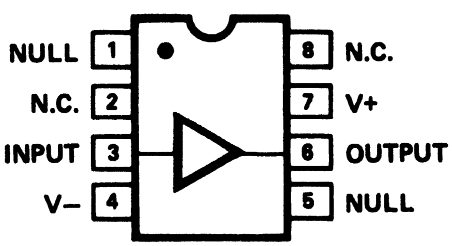
33LM93PX Dual-Modulus Prescaler



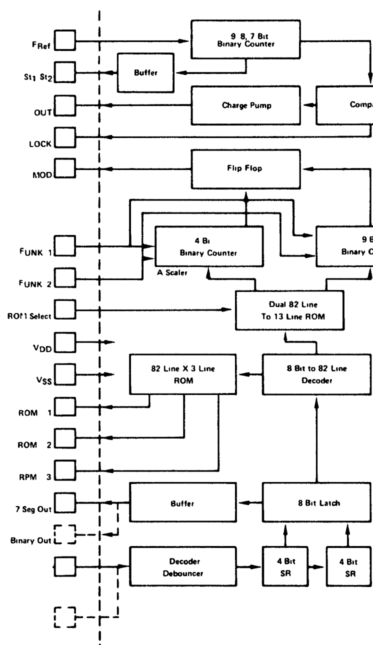
39LM30ZX V/F Converter



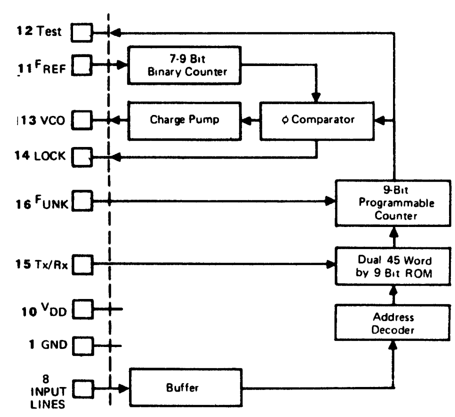
0BF02JX Voltage Follower



46LM00AX Frequency Synthesizer

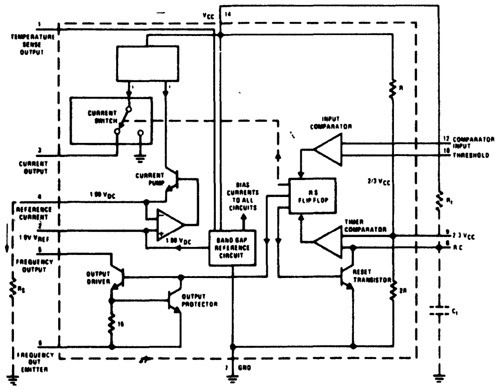


46LM03ZX Frequency Synthesizer

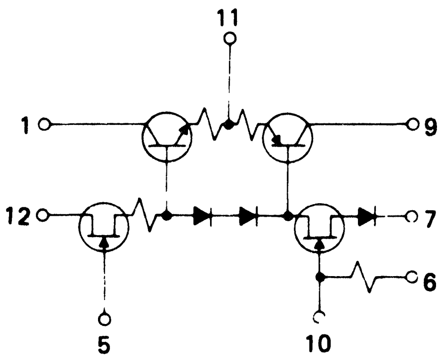


17. CIRCUIT DRAWINGS

19LM13JX Voltage/Temperature-to-Frequency Converter

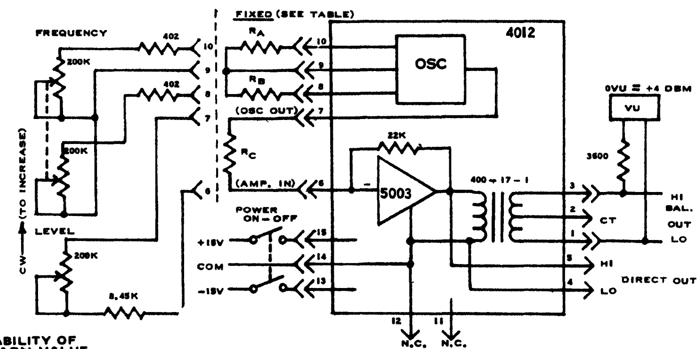


00LM33ZX High-Speed Buffer



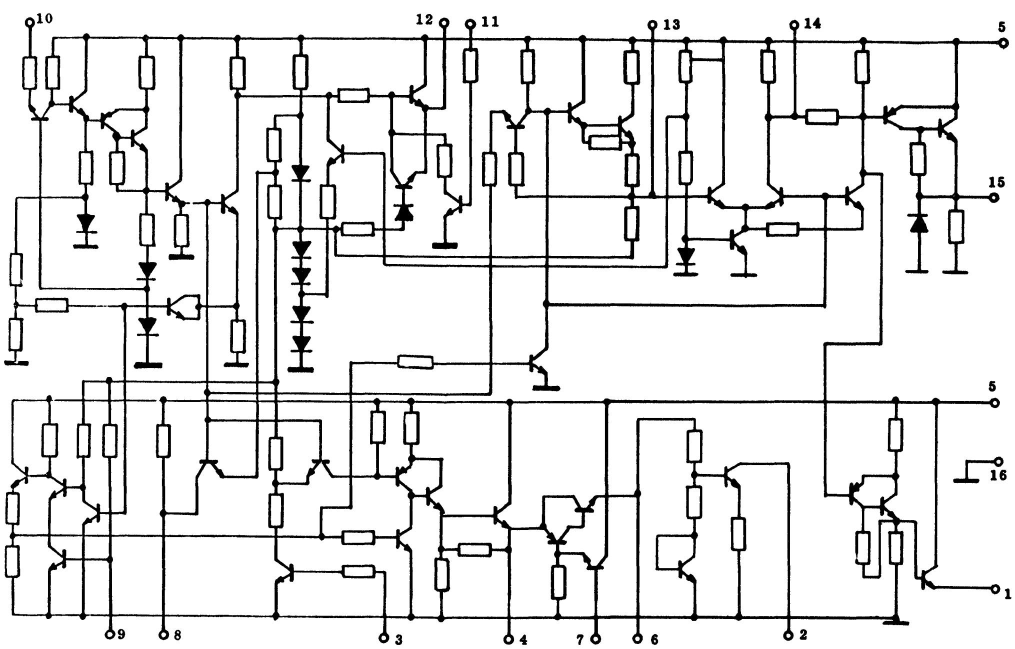
40LM12ZX Audio-Frequency Oscillator

TYPICAL INSTALLATION REMOTELY VARIABLE FREQUENCY



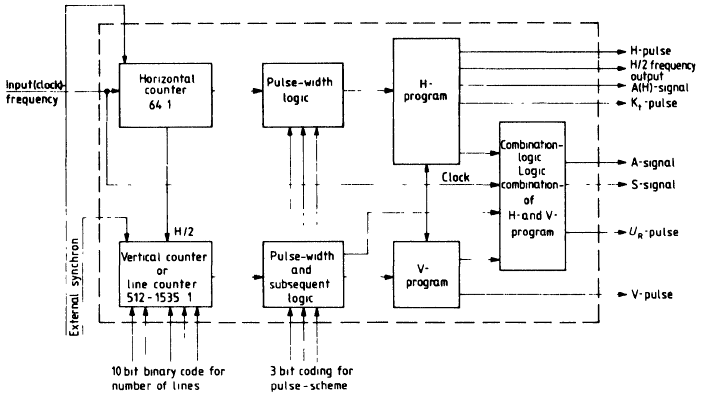
FOR MORE PRECISE RESETTABILITY OF FREQUENCY SELECT POT (Ra&Rb) VALUE BASED ON MINIMUM FREQUENCY REQUIRED AND SWEEP RANGE DESIRED USING FORMULA.

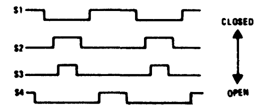
3TA11ZX TV Video Processor



1S78ZX

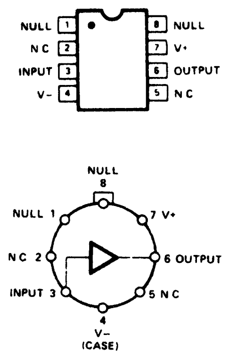
Video Pulse Generator





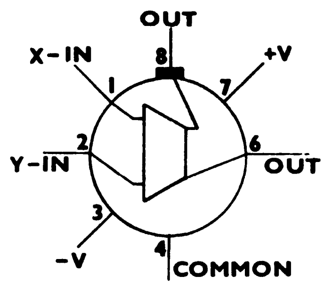
0BF1ZX

Voltage Follower



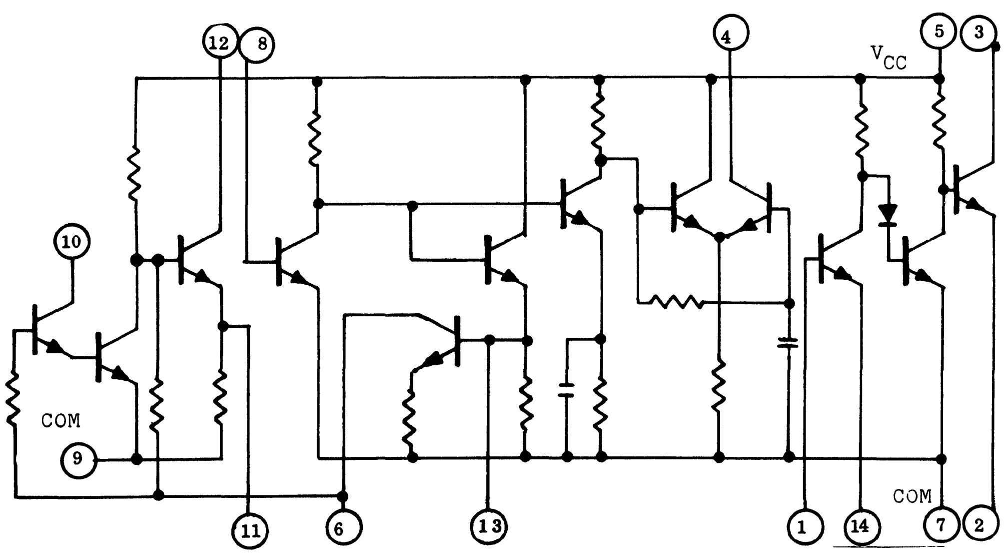
55LM00HX

Analog Multiplier



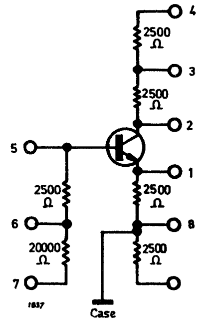
51LM05PX

FM/AM IF Amplifier & AF Driver

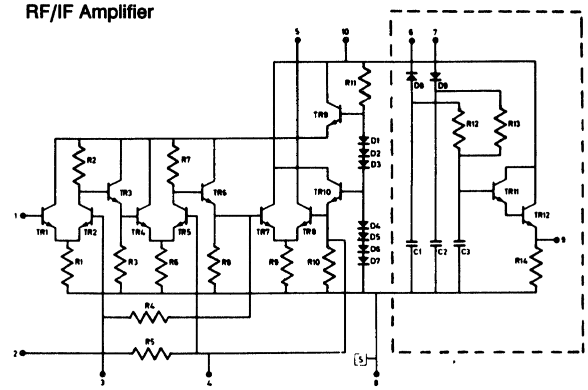


17. CIRCUIT DRAWINGS

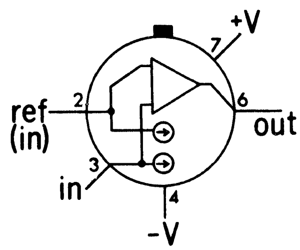
0LM01ZX Transistor Stage



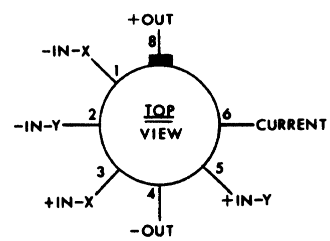
3TA80AX RF/IF Amplifier



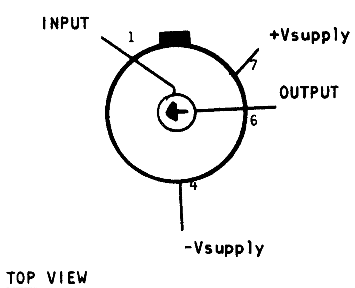
71LM00ZX Precision Timing Circuit



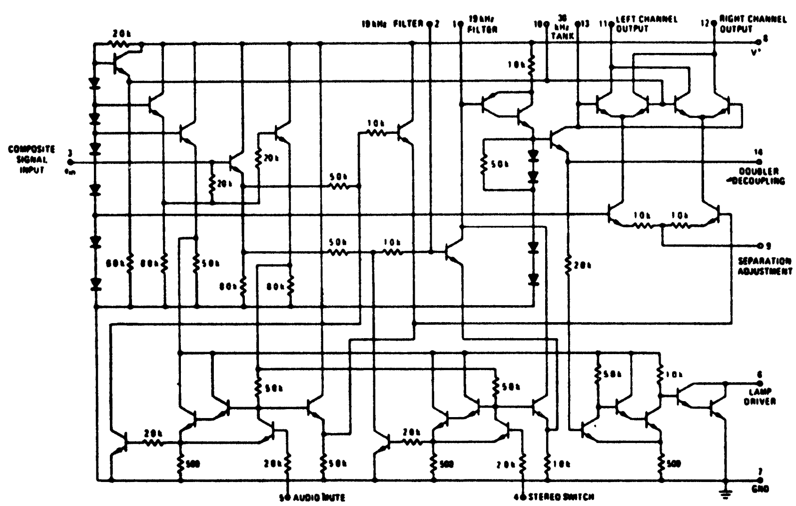
55LM07ZX Four-Quadrant Multiplier



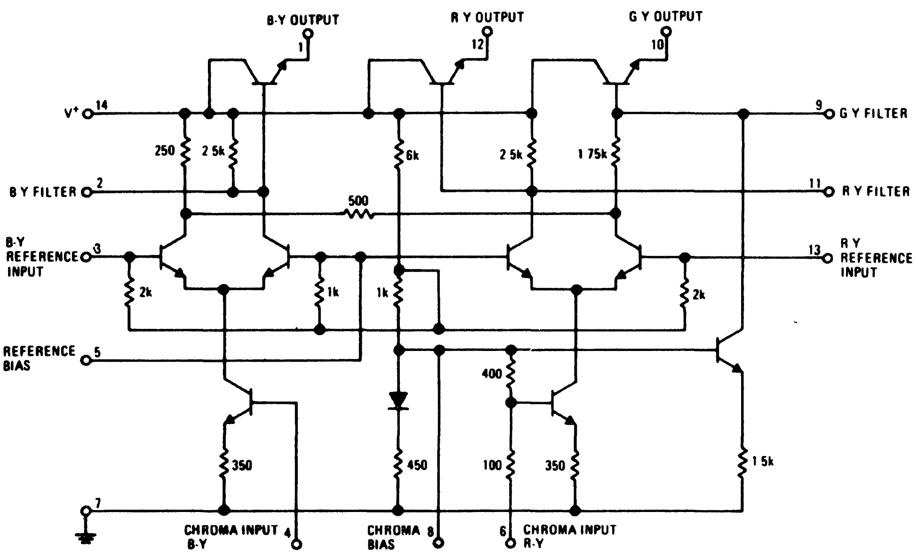
81LM06ZX Current Source



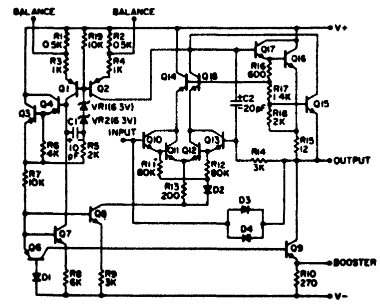
13LM05LX FM Multiplex Stereo Decoder



13LM25LX Dual Chroma Demodulator



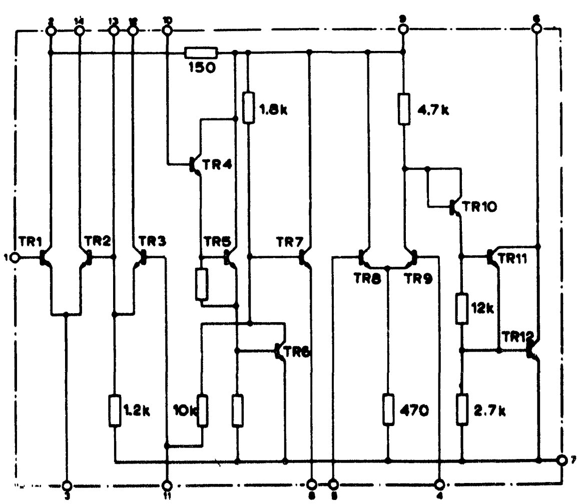
2LA02HX Voltage Follower



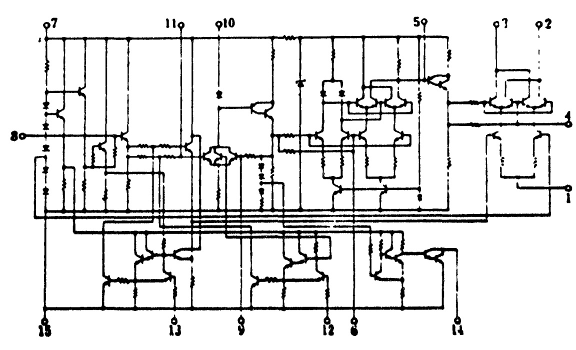
PIN NUMBERS

PACKAGE	NC	BAL	NC	IN	V-	BOOST	OUT	V+	BAL	NC
CN	BAL	NC	IN	V-	BOOST	OUT	V+	BAL		
TO	1	2	3	4	5	6	7	8	9	10

1TA10ZX AM/FM Communications Receiver

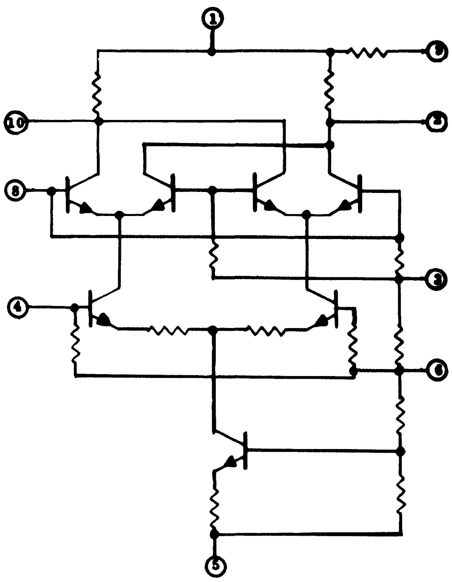


1M21PX FM Multiplexed Stereo Demodulator



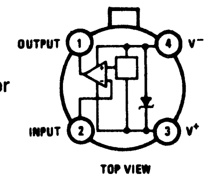
17. CIRCUIT DRAWINGS

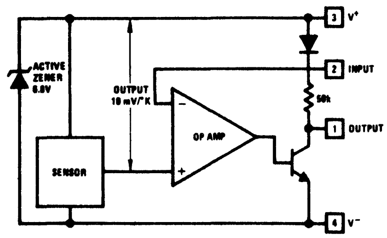
56M514ZX Double-Balanced Mixer



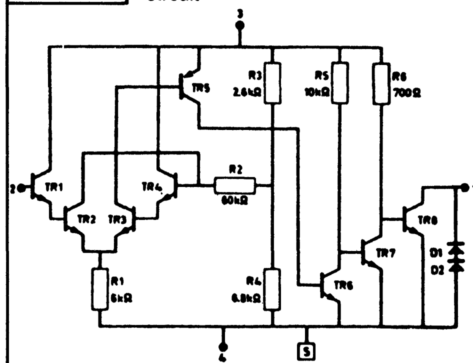
56LM00HX

Temperature Transducer

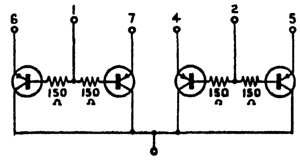




5TA60HX Level Detector/Shutter Control Circuit

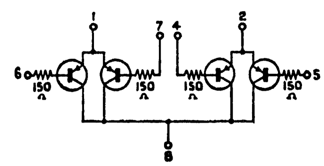


0LM06ZX PNP Emitter Follower

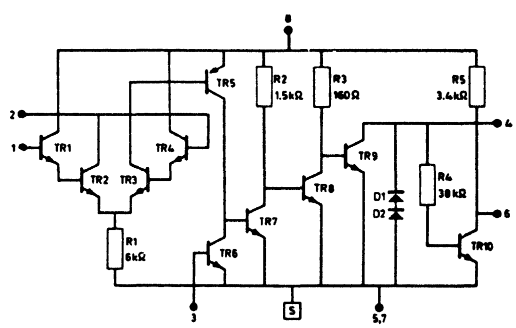


CIRCUIT DIAGRAM — ZSP6

0LM07ZX PNP Emitter Follower

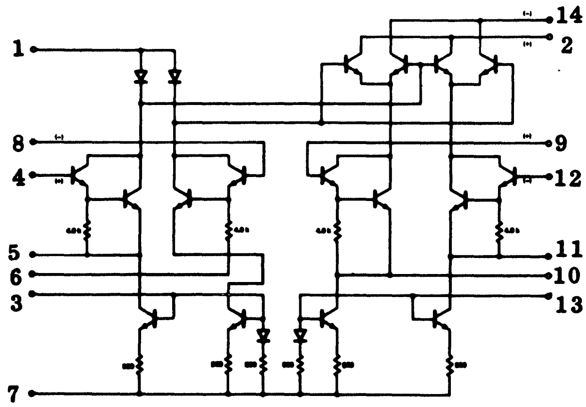


5TA80ZX Level Detector

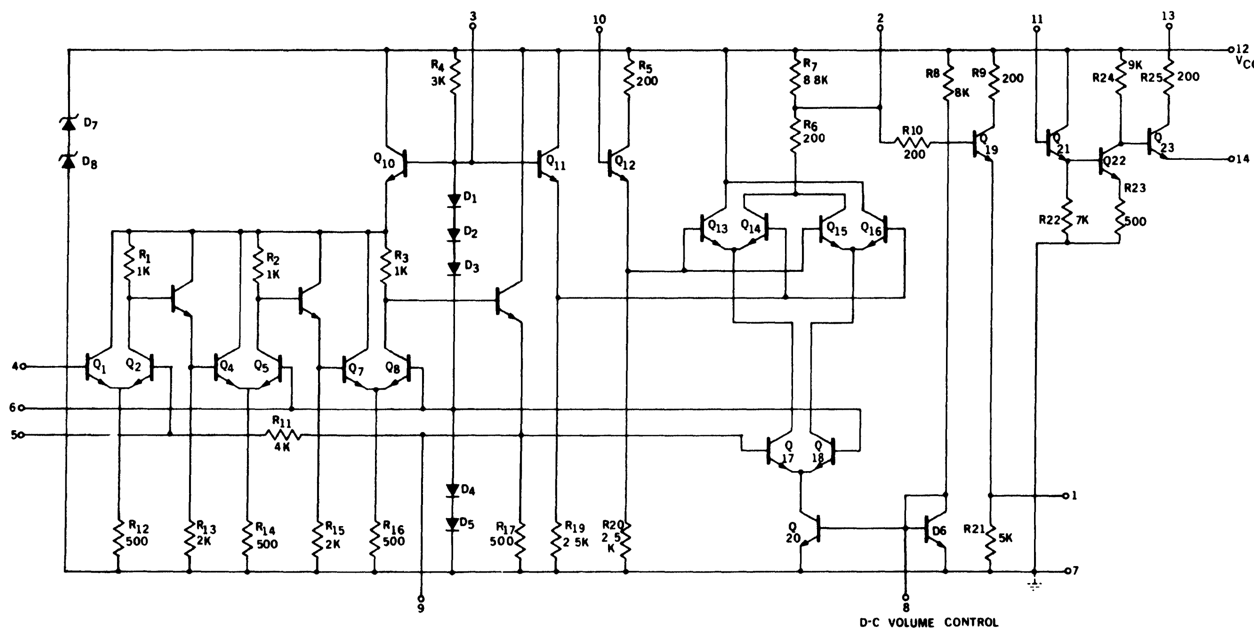


17. CIRCUIT DRAWINGS

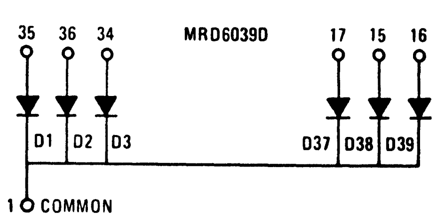
55LM95AX Linear Four-Quadrant Multiplier



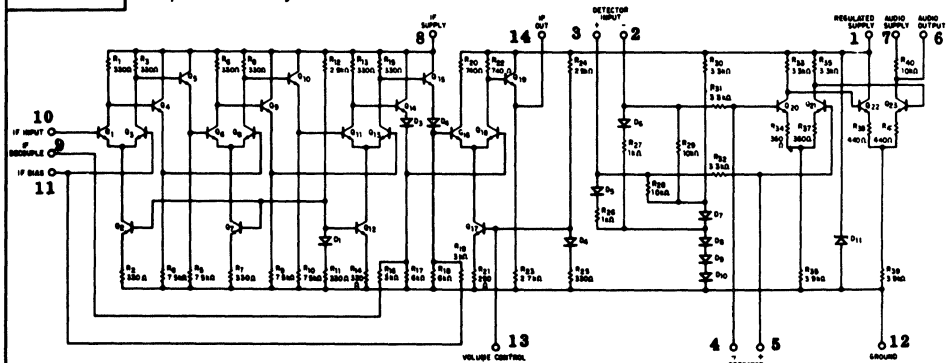
21LM17LX FM Detector/Limiter and Preamplifier



60LM39DX Photodiode Array

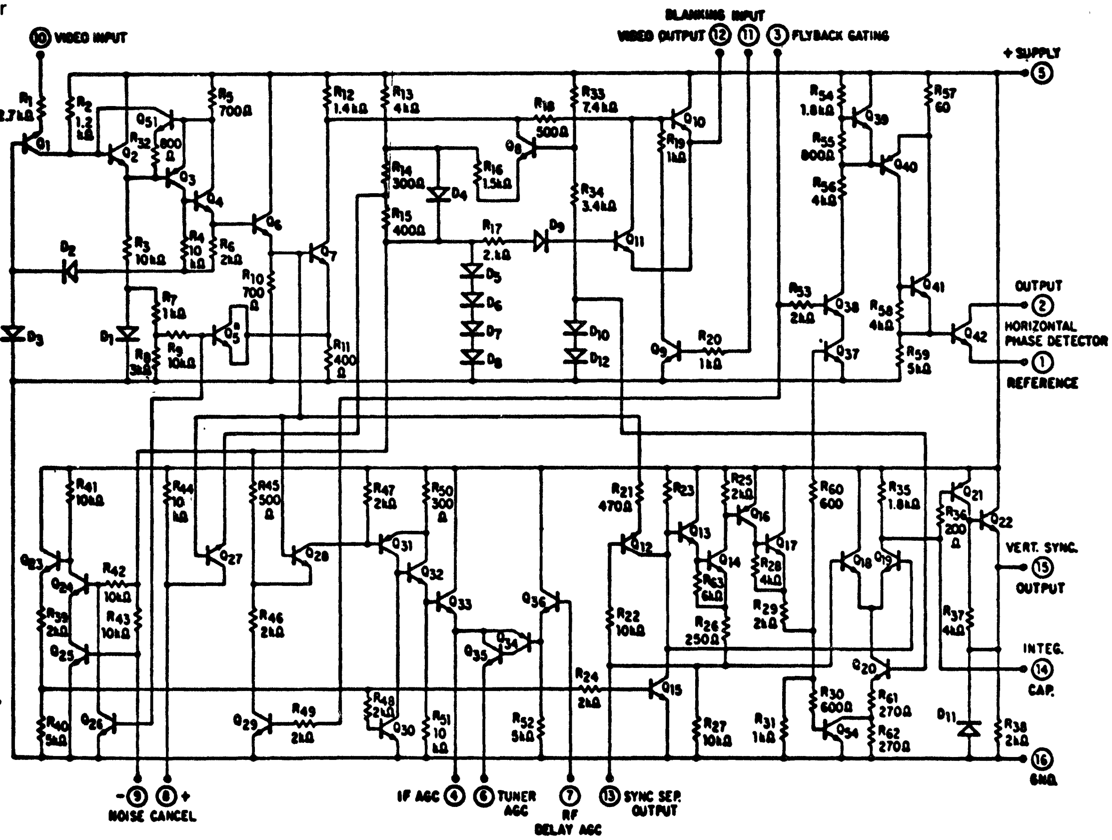


7LM84NX TV/FM Sound System



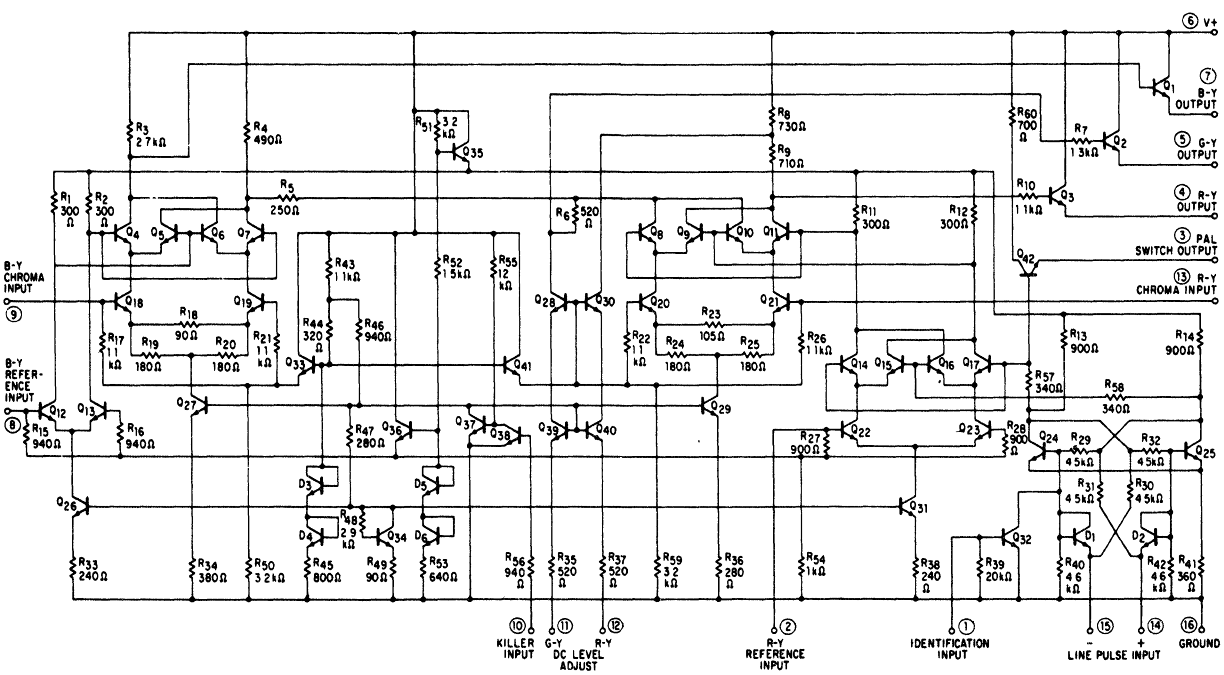
17. CIRCUIT DRAWINGS

7LM85NX TV Signal Processor



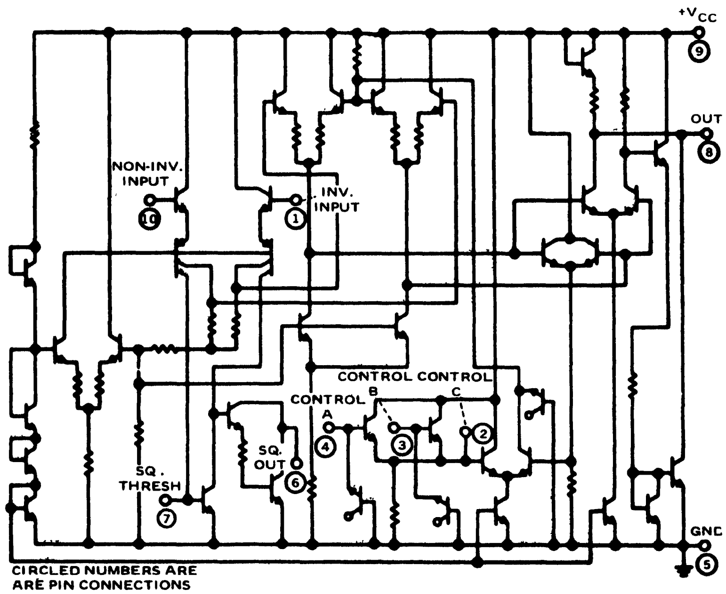
● NOTE: Q_5 IS A REVERSE BIASED E-B JUNCTION, USED AS A 5pF CAPACITOR.

7LM86NX PAL Color TV Chroma Demodulator

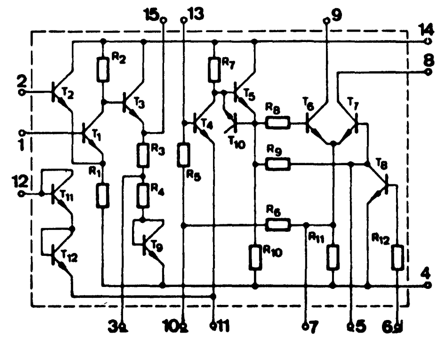


17. CIRCUIT DRAWINGS

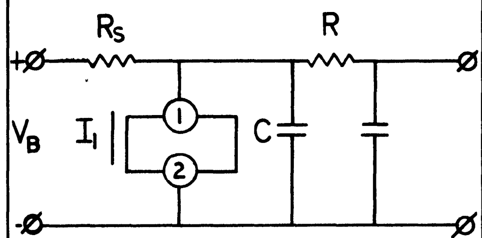
1MT76ZX AGC/Squelch Amplifier



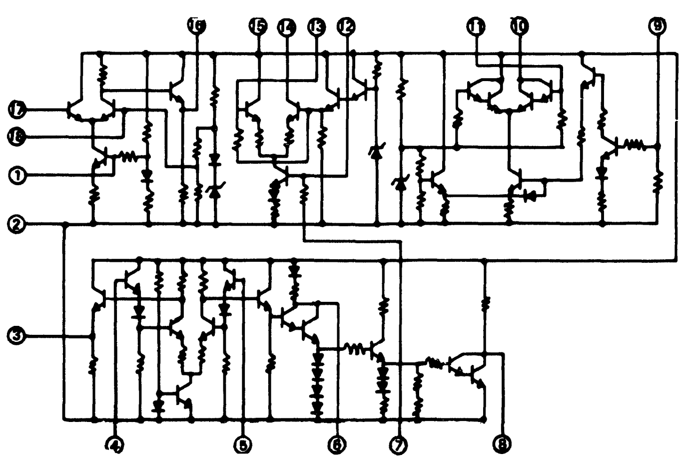
9LM20ZX AM/FM IF Amplifier



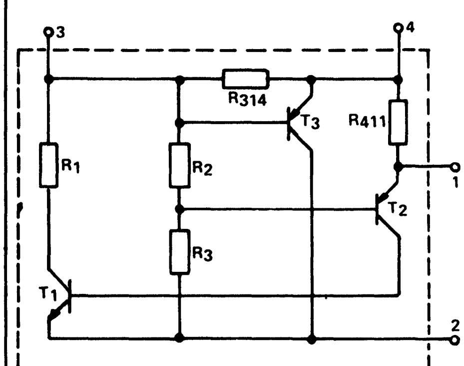
1AN55ZX Voltage Stabilizer for Capacitance Diodes



51LM81PX Chroma Bandpass Amplifier

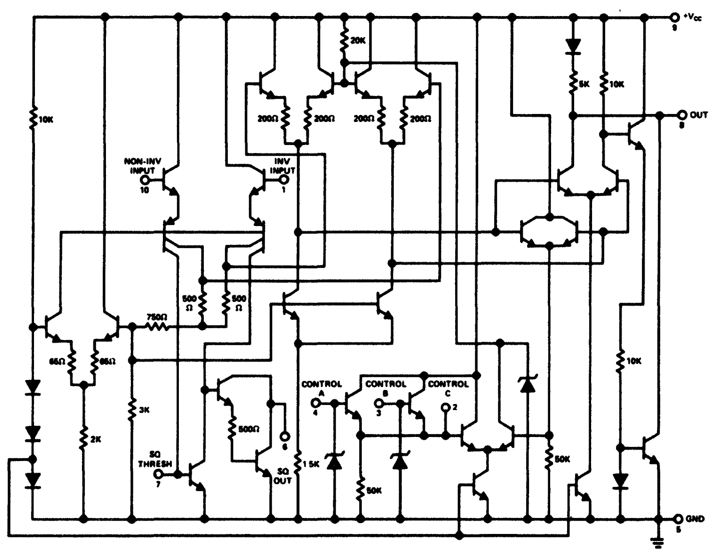


8TA40ZX 1-Coil Driver for Battery-Powered Watches



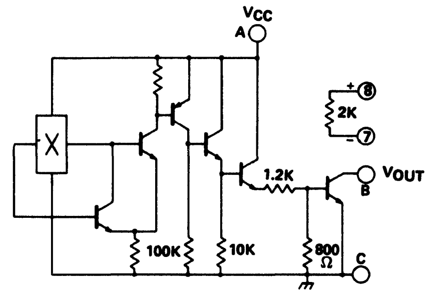
17. CIRCUIT DRAWINGS

1SL70ZX AGC/Squelch/VOX Amplifier



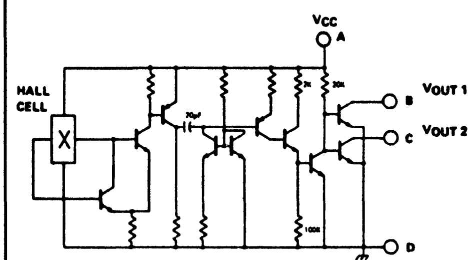
30LM00MX Hall Effect Switch

	A	B	C
30LM00MX	2	6	4

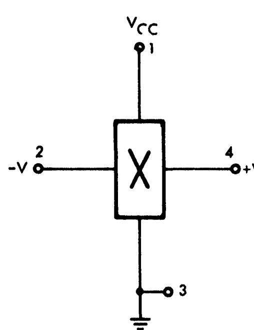


30LM04MX Hall-Effect Swtich

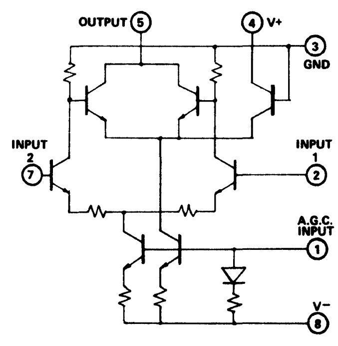
	A	B	C	D
30LM04MX	2	6	7	4



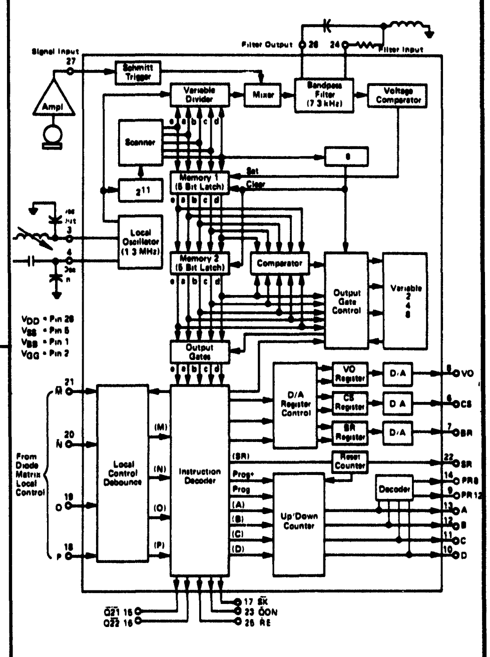
31LM00MX Hall Element



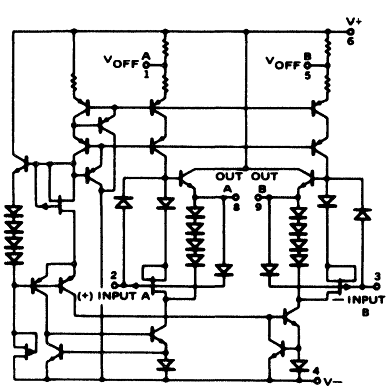
6LM45CX Square-Law Device



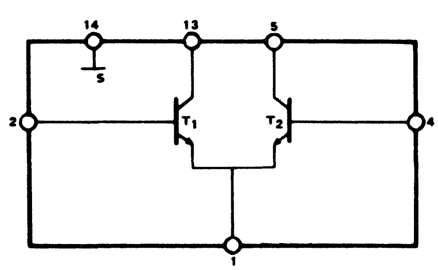
65LM25PX Remote Control Receiver



20LM05AX FET Preamplifier



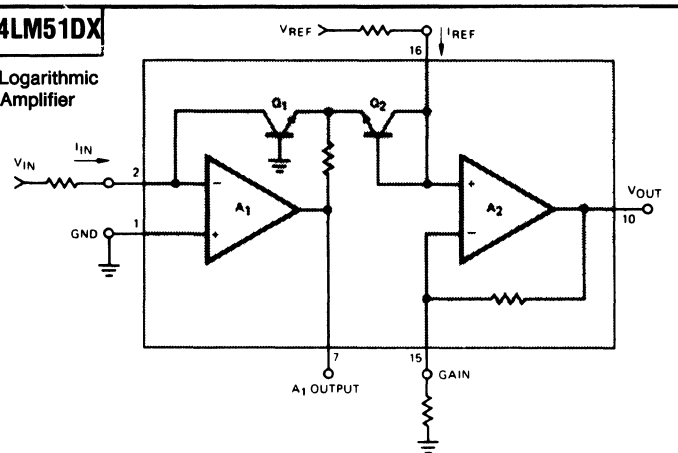
9LM15ZX Differential Amplifier



17. CIRCUIT DRAWINGS

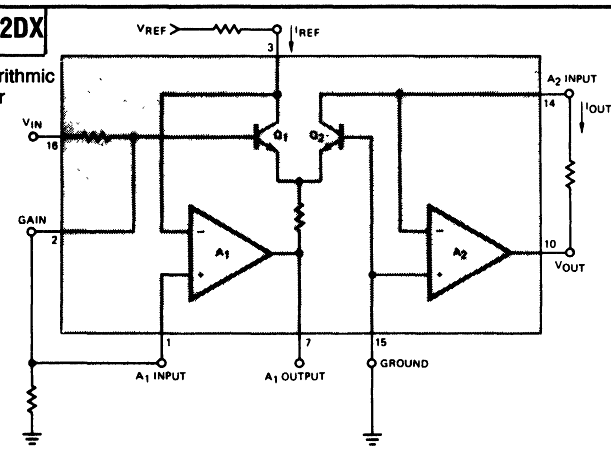
14LM51DX

Logarithmic Amplifier

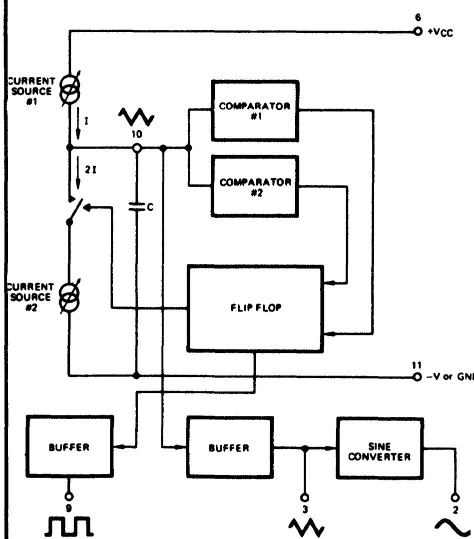


14LM52DX

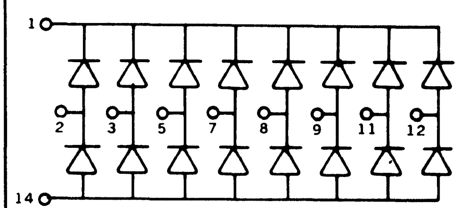
Antilogarithmic Amplifier



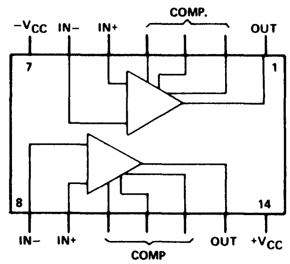
14LM53PX Precision Waveform Generator/VCO



25LM01ZX Diode Array

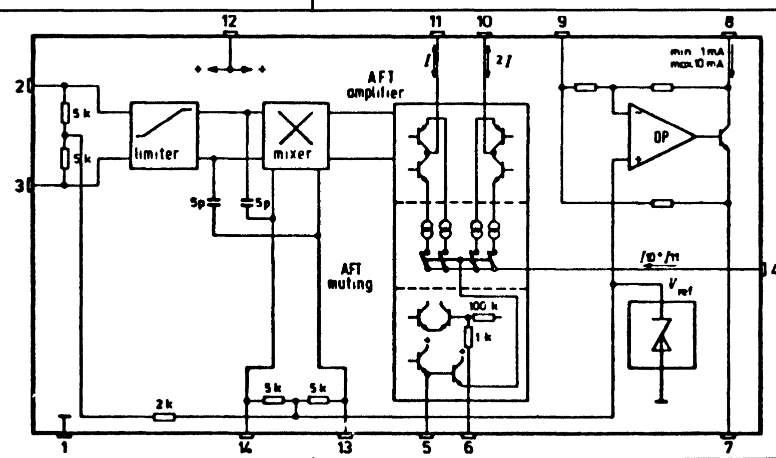


2TA50ZX Dual Filter Amplifier

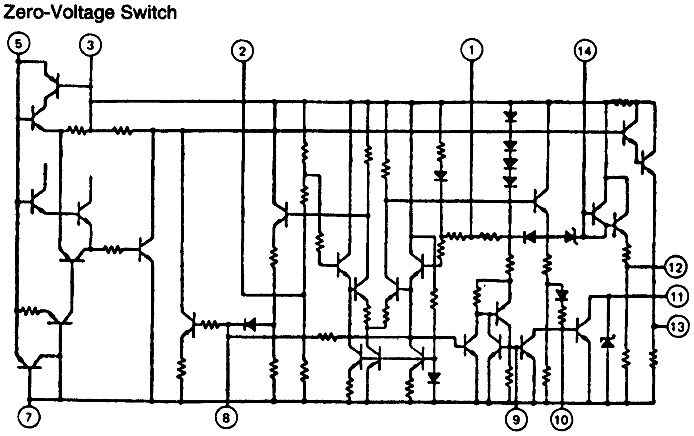


8TA90ZX

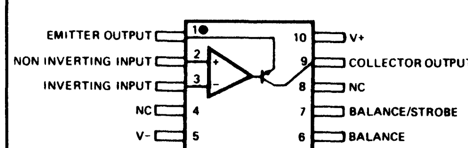
Automatic Fine-Tuning Circuit



51LM72X Zero-Voltage Switch

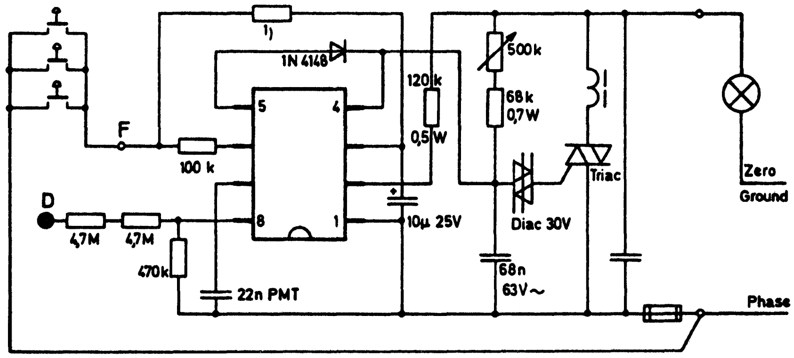


21LH11DX Precision Voltage Comparator – 10 pin F.P.

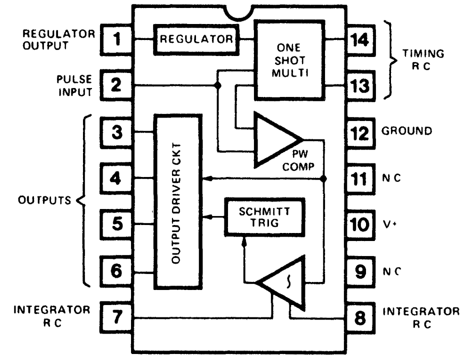


17. CIRCUIT DRAWINGS

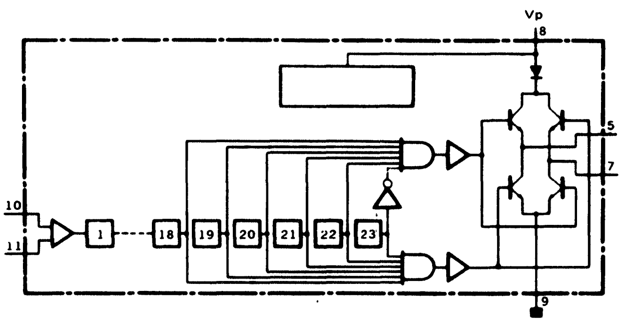
10LM01ZX Light-Sensing Switch



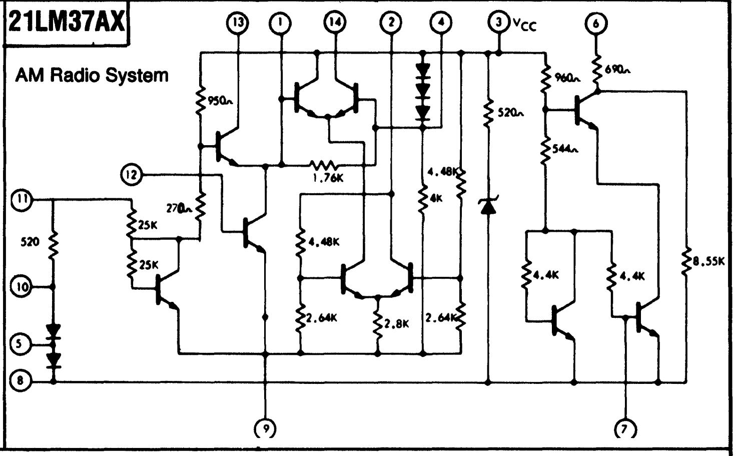
22LM61PX Pulse-Proportional Servo Circuit



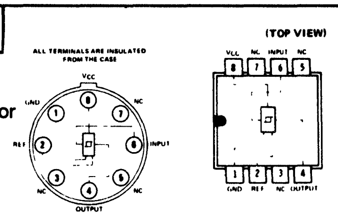
10SA28ZX Motor Control Circuit

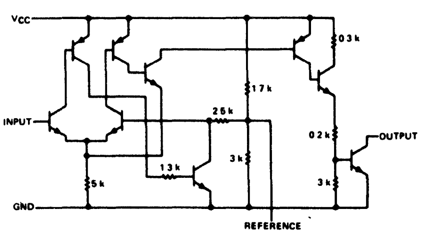


21LM37AX AM Radio System

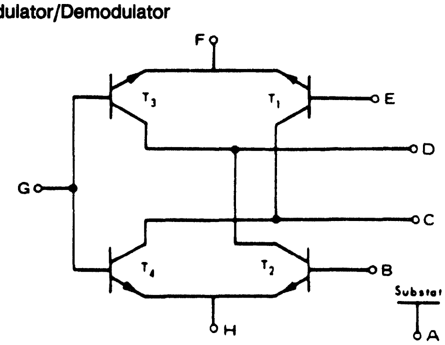


5TL60PX Precision Level Detector



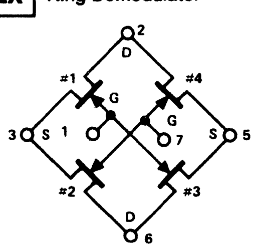


20LM01ZX Ring Modulator/Demodulator



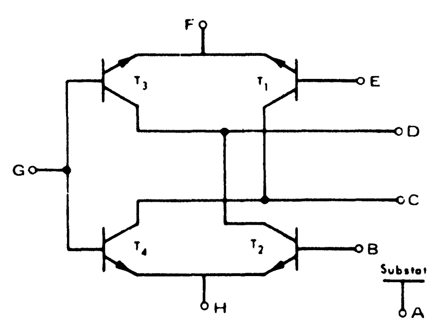
	A	B	C	D	E	F	G	H
20LM01ZX	1	7	2	6	3	4	5	8

3U50ZX Ring Demodulator



PIN	OUT	PIN	OUT
1	G_1, G_3	5	S_3, S_4
2	D_1, D_4	6	D_2, D_3
3	S_1, S_2	7	G_2, G_4
4	GND	8	GND

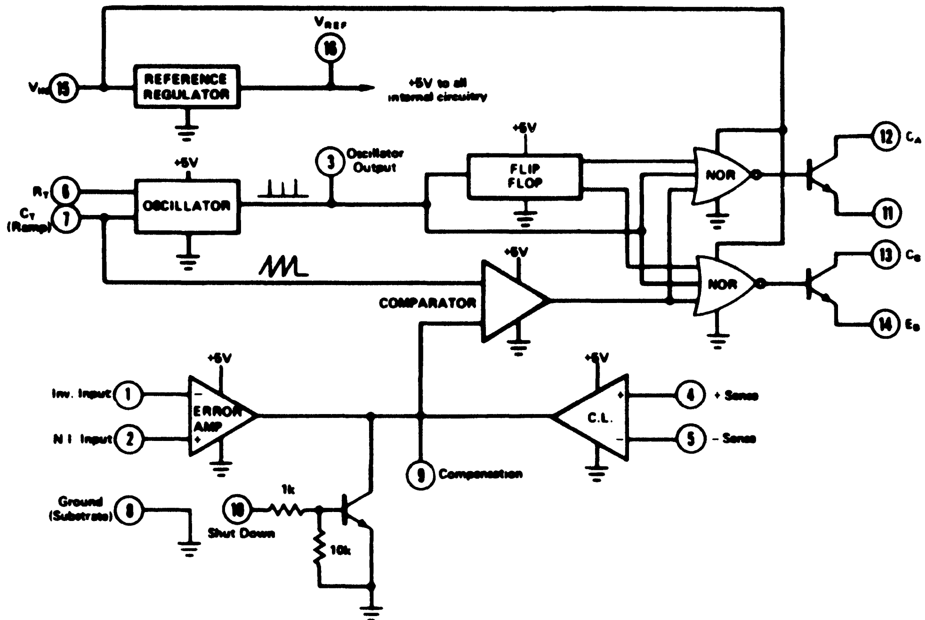
6LM73HX Ring Modulator/Demodulator



	A	B	C	D	E	F	G	H
6LM73HX	10	6	1	5	2	3	4	7

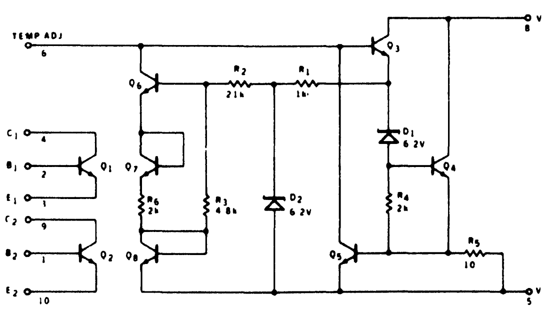
17. CIRCUIT DRAWINGS

15LM2JX



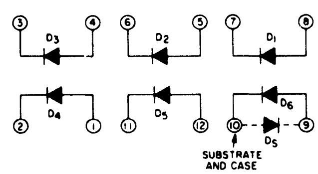
7LM26HX

Temperature Controlled Differential Pair



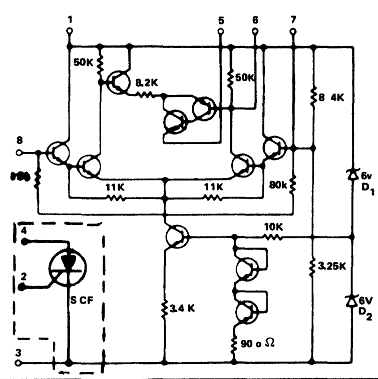
30LM39HX

Diode Array



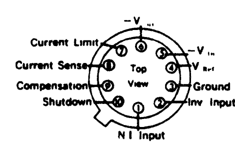
23LM01MX 23LM00MX

23LM01MX - Amplifier/Detector Circuit
23LM00MX - Amplifier/SCR Firing Circuit

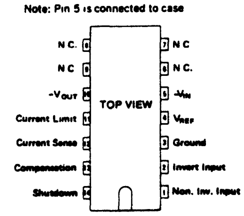


15LM11TX

Adj. Voltage Regulator W/Current Limit & Shutdown

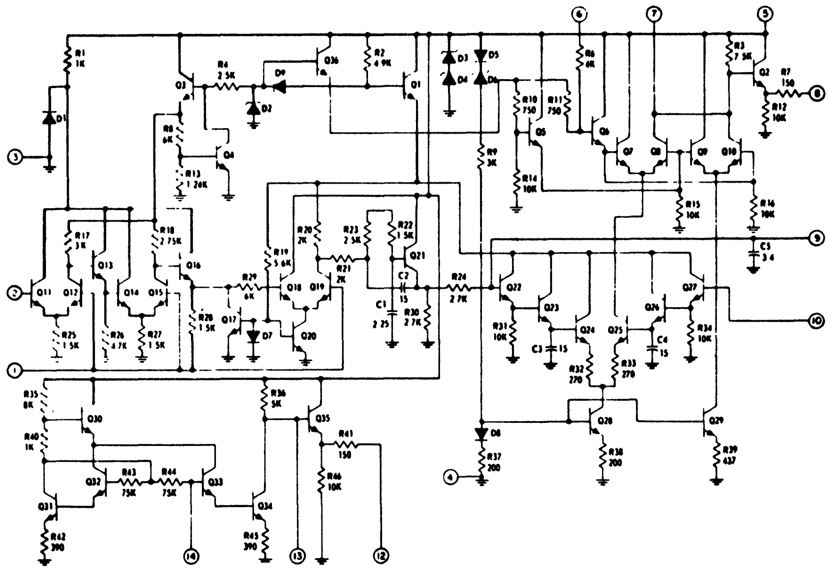


Note: Pin 5 is connected to case

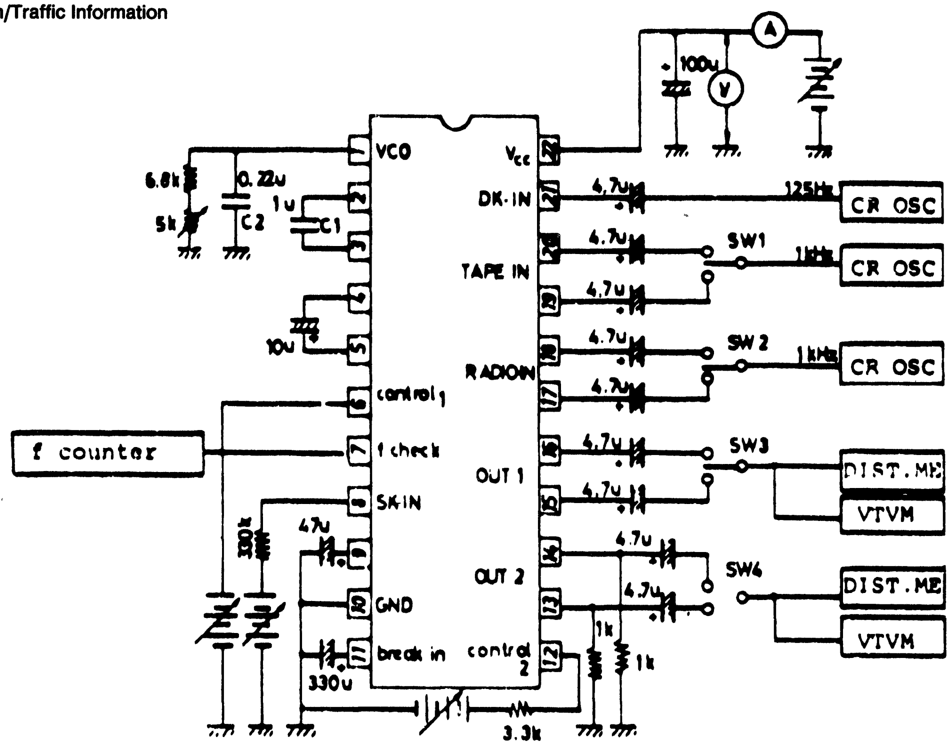


17. CIRCUIT DRAWINGS

30LM65EX FM Radio System W/Audio Driver



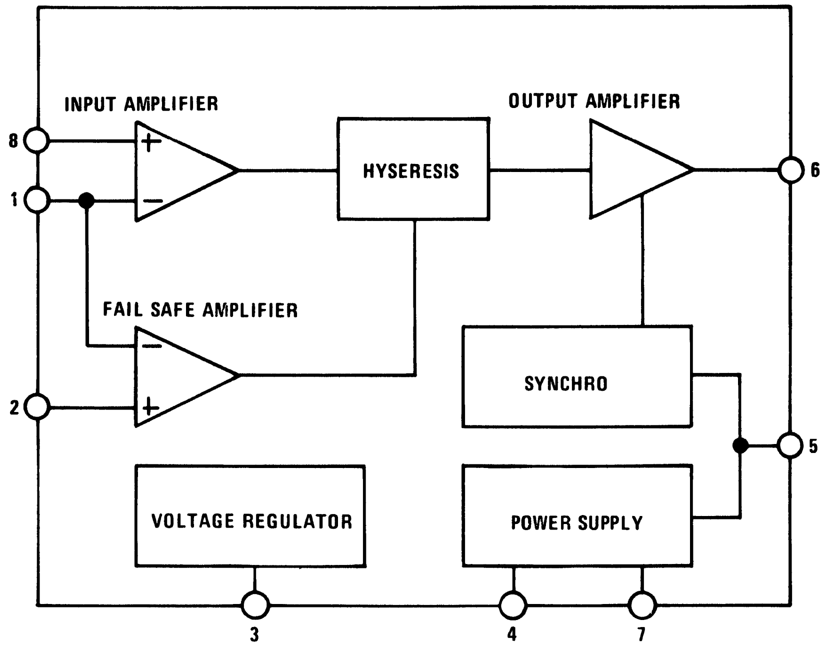
22LM10ZX ARI System/Traffic Information Decoder



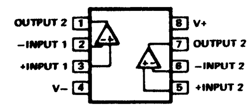
C1,C2 : polyseter film capacitors
others: chemical capacitors

17. CIRCUIT DRAWINGS

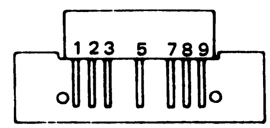
10UA04PX Zero Voltage Switch



10LM42ZX Quad Programmable Operational Amplifier

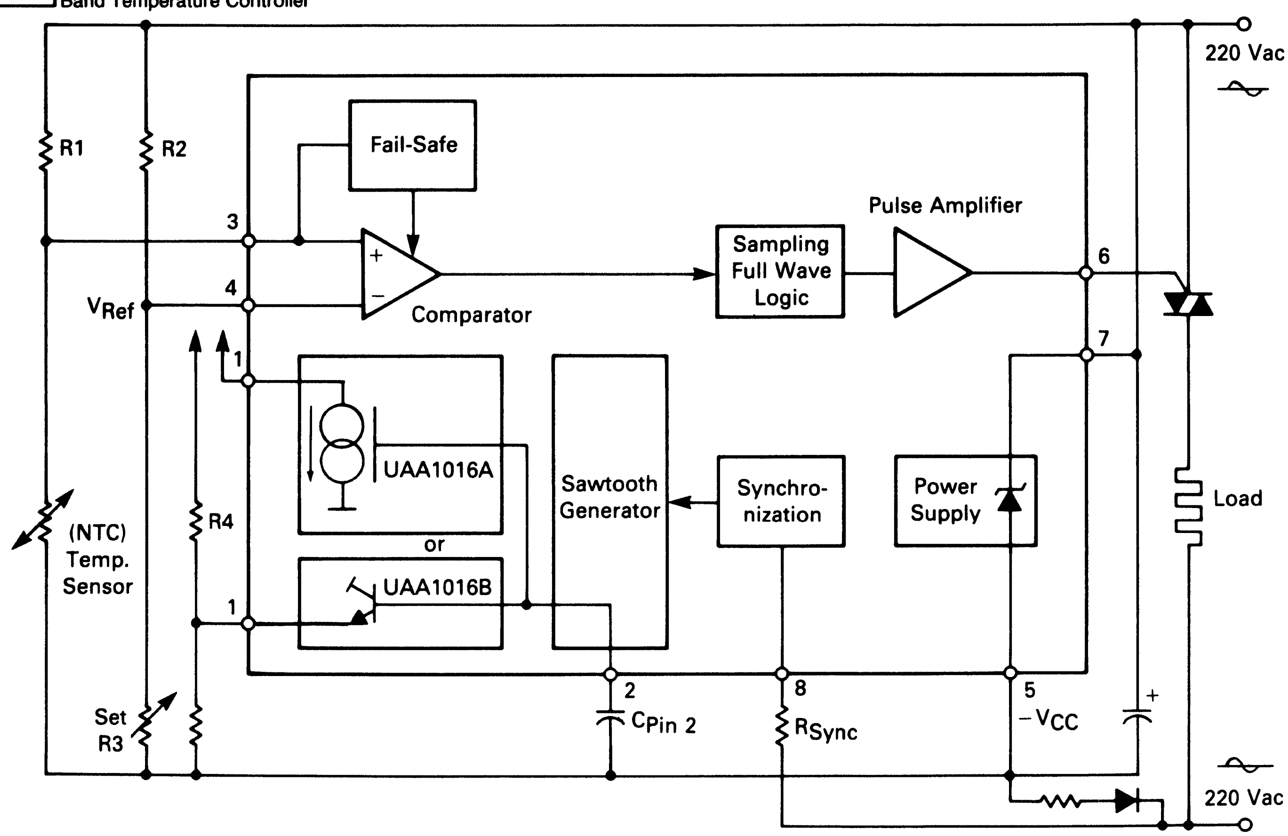


11LM34ZX Wideband Amplifier



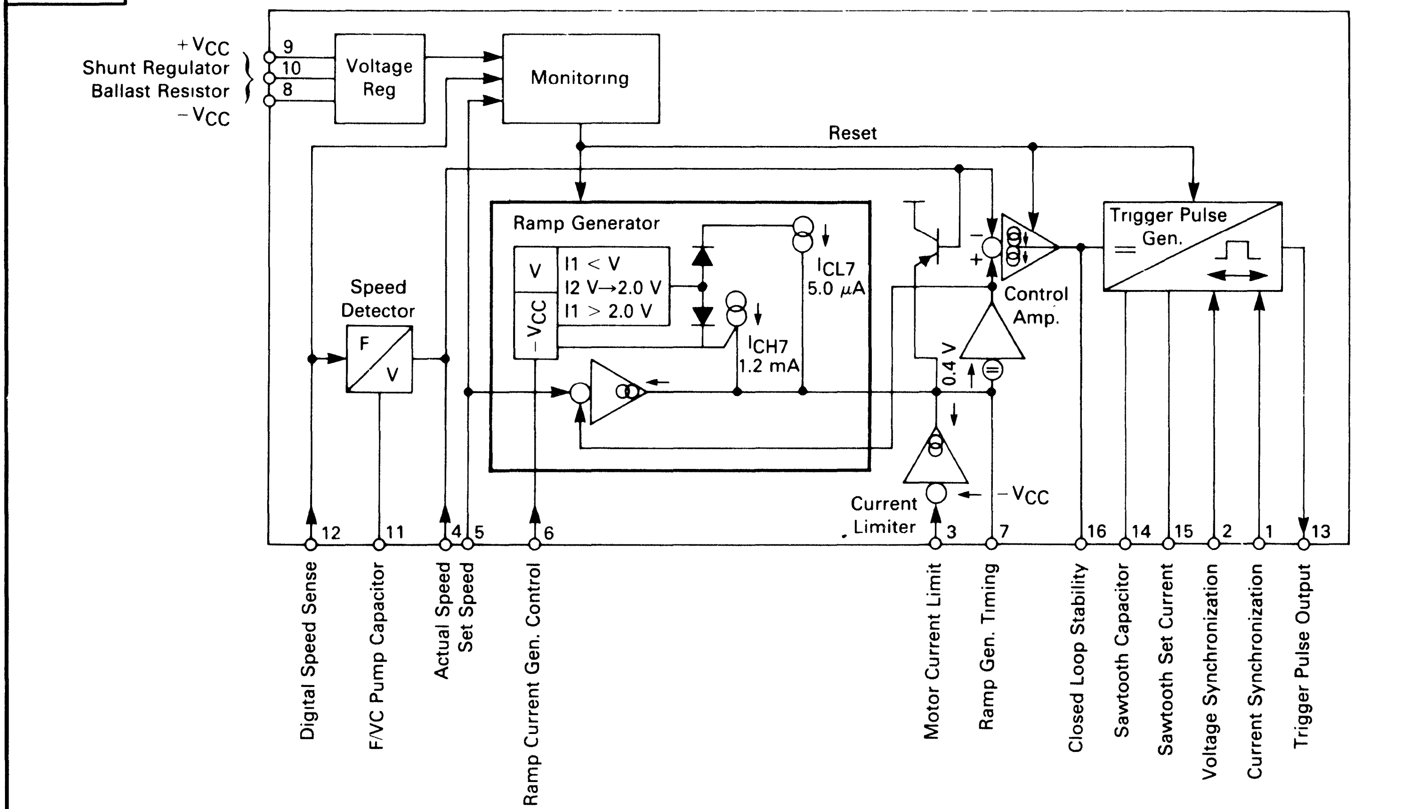
PIN		
	1	RF INPUT
2, 3	7, 8	DC AND RF GROUND
	5	V_{DC}
	9	RF OUTPUT

10LM16AX Zero Voltage Switch, Proportional Band Temperature Controller

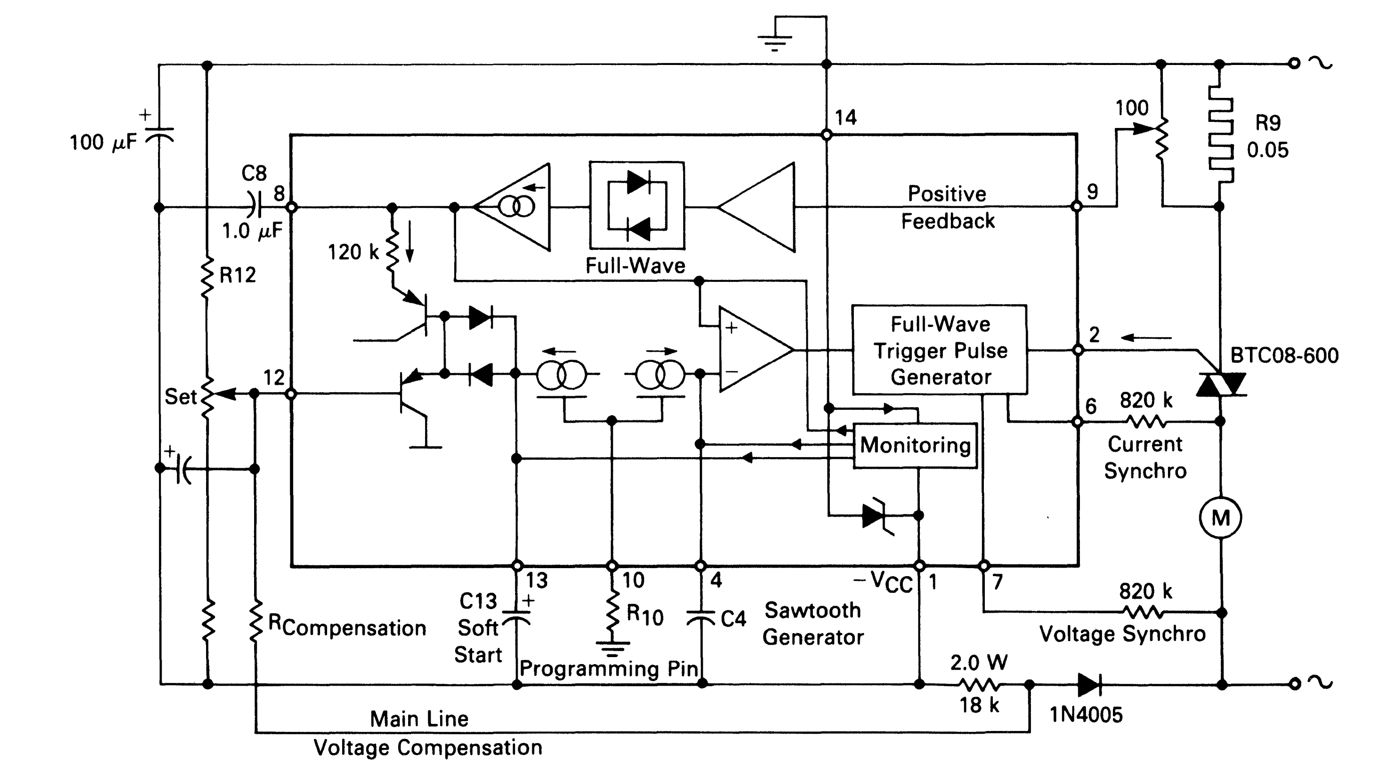


17. CIRCUIT DRAWINGS

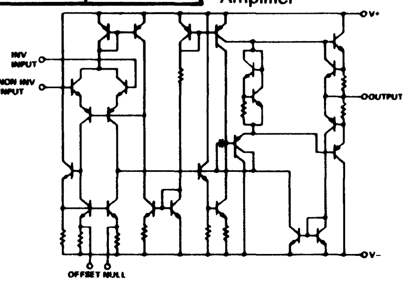
10TD85AX Universal Motor Speed Controller



11TD85AX Triac Phase Angle Controller

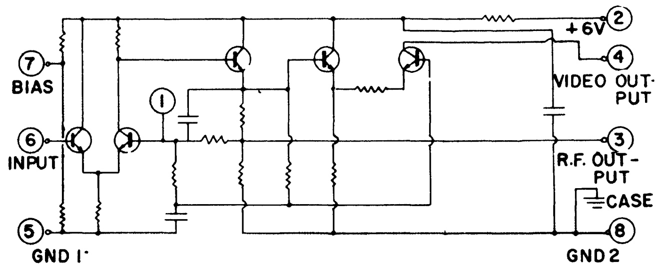


8LM33HX | **36LM09ZX** Single Operational Amplifier



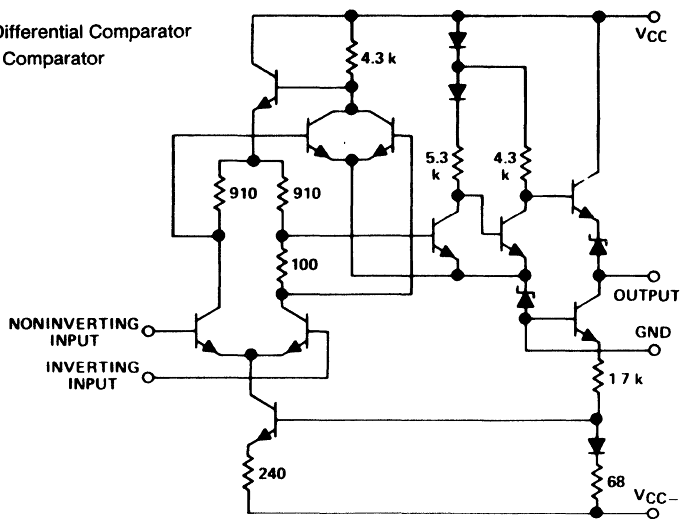
	PKG	CKT	V	V-	INPUT INV	INPUT NON INV	OFFSET 1	NULL 2	OUTPUT
8LM33HX	MP	1	11	6	4	5	3	9	10
	To 78	1	7	4	2	3	1	5	6
36LM09ZX	MP	1	7	4	2	3	1	5	6

8LM61HX Video Amplifier



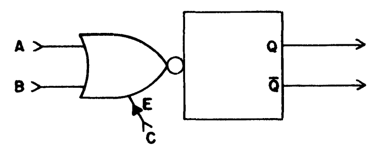
8LM10HX | **8LM20JX**

Single Differential Comparator
Voltage Comparator



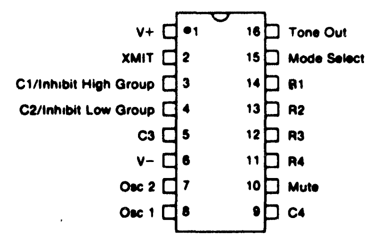
	PKG	CKT	NON INV IN	INV IN	OUT	V+	V-	GND
8LM10HX	CN,MP	1	2	3	7	8	4	1
	FP,MP	1	3	4	9	11	6	2
8LM20JX	MP	1	12	13	1	3	14	11
		2	5	6	8	10	7	11

9SW51ZX RC Timer

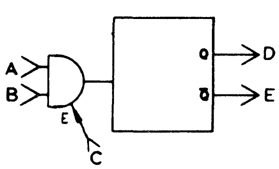


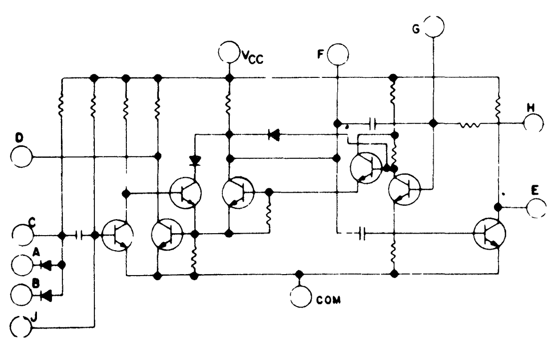
	A	B	C	Q	Q̄	VCC	COM
FP	3	4	2	6	1	14	7
CN_1	3	4	2	5	1	12	6
CN_2	9		8	10	7	6	1

9L086AX DTMF Generator



8LM51GX | **9LM51GX** RC Timer

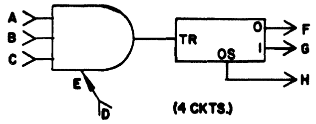




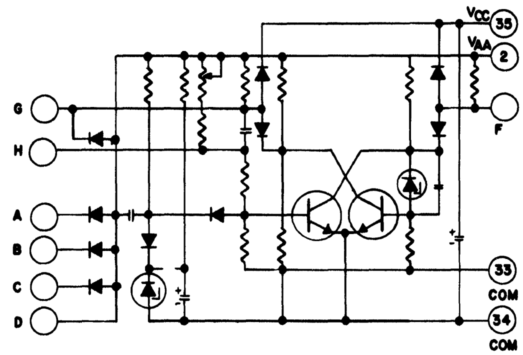
	CKT NO.	A	B	C	D	E	F	G	H	J	V_{CC}	COM	PKG.
8LM51GX	1	3	4	2	1	6	11	10	9	5	14	7	MP FP
9LM51GX	1	9		8	7	10	4	3	2		6	1	CN

17. CIRCUIT DRAWINGS

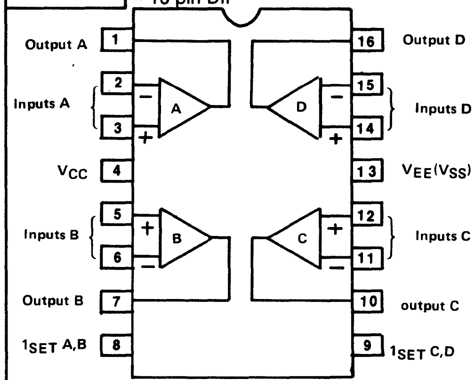
11LM43HX RC Timer



CKT \ TERM	A	B	C	D	F	G	H
1	6	7	8	5	9	4	3
2	13	14	15	12	16	10	11
3	20	19	18	21	17	23	22
4	27	26	25	28	24	30	29

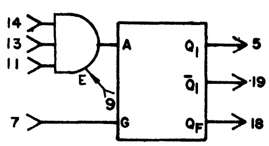


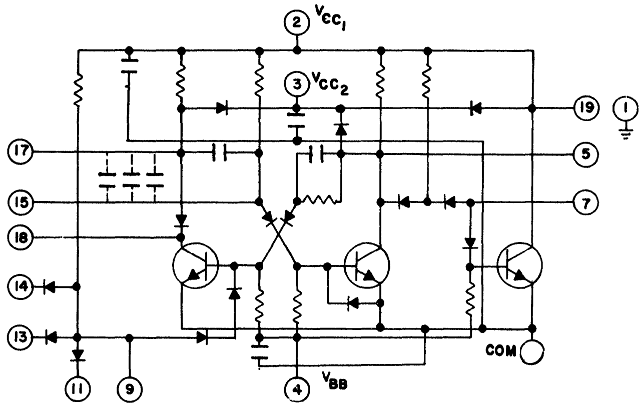
11LM18FX Dual Op Amp and Dual Comparator - 16 pin DIP



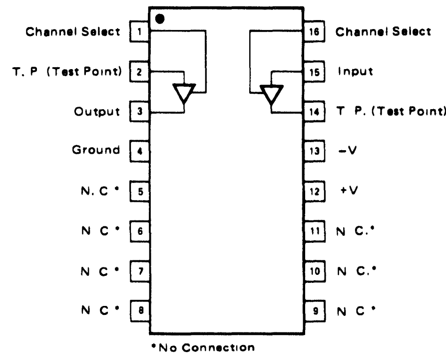
11LM18FX: DUAL OP AMP (A&B) +DUAL COMPARATOR

11LM93YX RC Timer

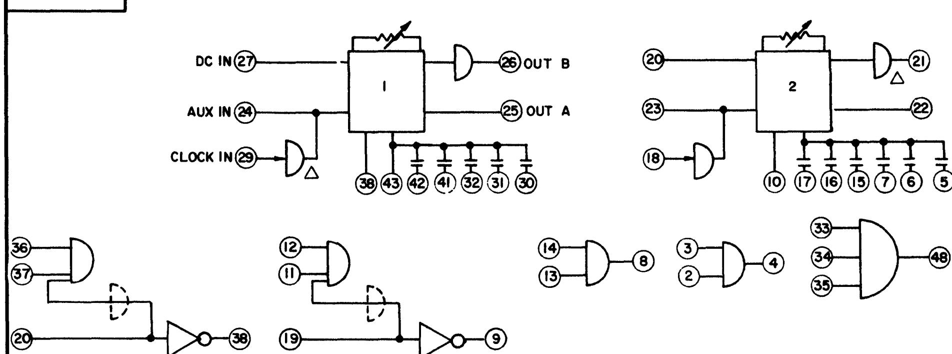




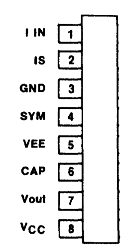
12CH52ZX Dual Channel FSK Transmit Filter



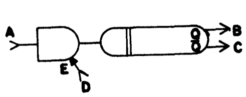
12M06X RC Timer



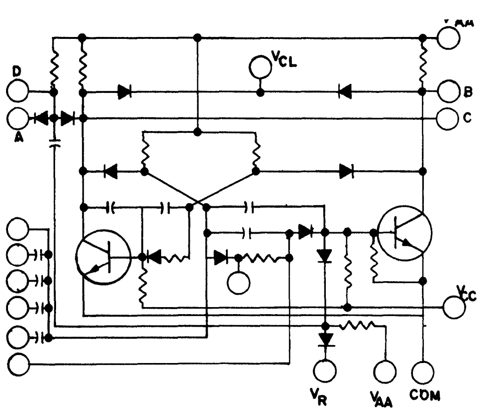
12PC53HX Squaring Amplifier



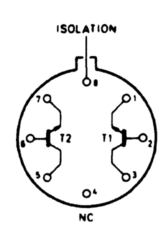
13DM0ZX RC Timer



CKT \ TERM	A	B	C	D
1	26	6	31	25
2	30	10	29	22
3	19	17	28	9

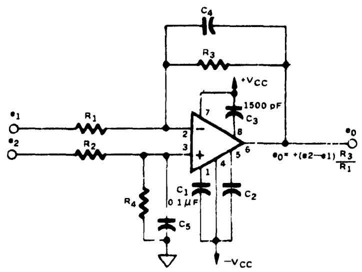


13LM60CX Dual NPN w/Isolation



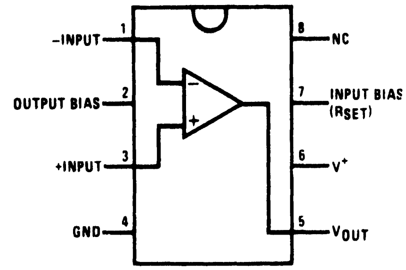
17. CIRCUIT DRAWINGS

13LM40ZX Single Operational Amplifier
- 8 pin DIP or Can

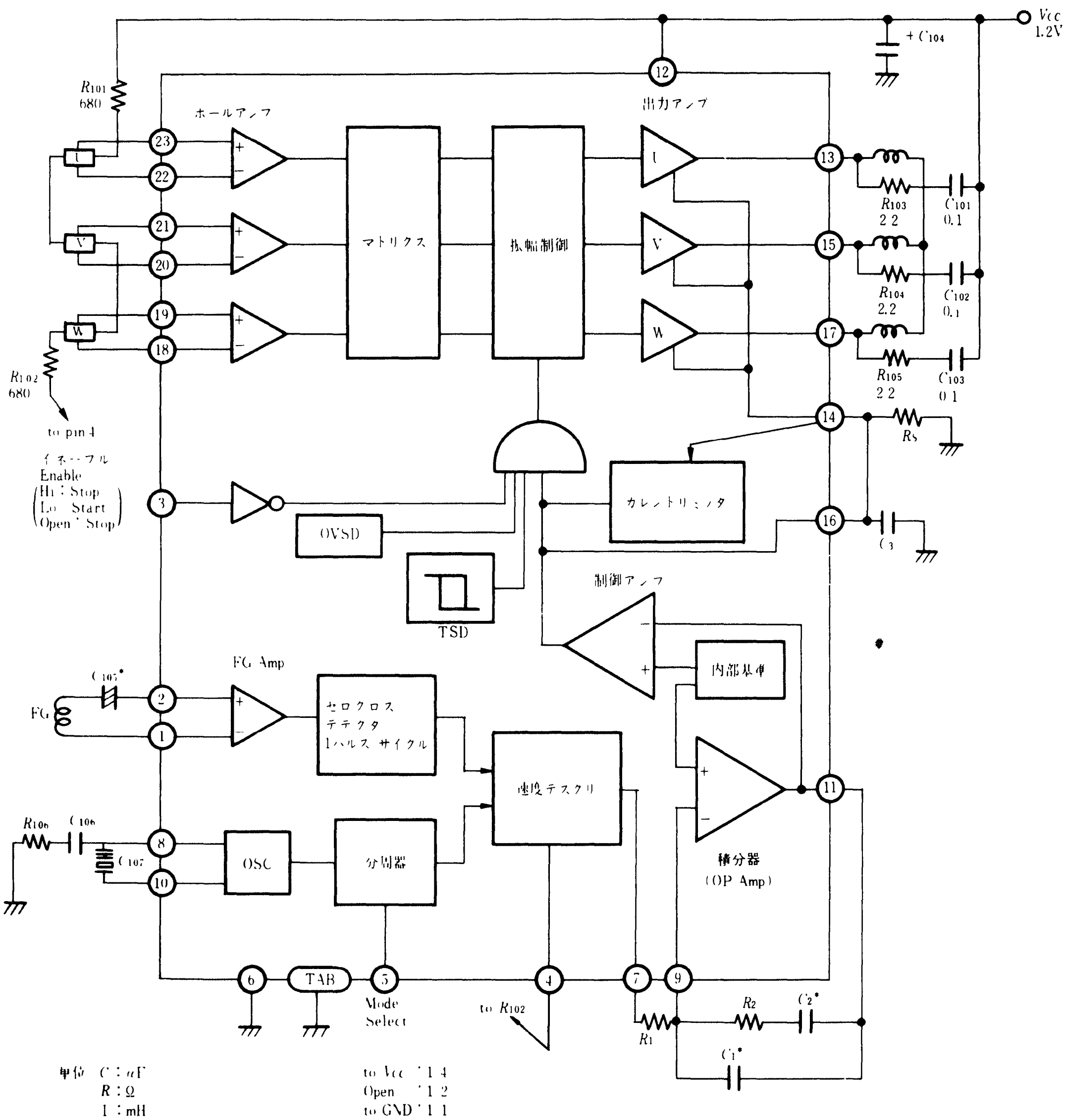


PIN 1 Hold Capacitor
PIN 2 -In
PIN 3 +In
PIN 4 $-V_{CC}$
PIN 5 Hold Capacitor
PIN 6 Out
PIN 7 $+V_{CC}$
PIN 8 Timing Capacitor

13M080HX Single Operational Amplifier
- 8 pin DIP or Can

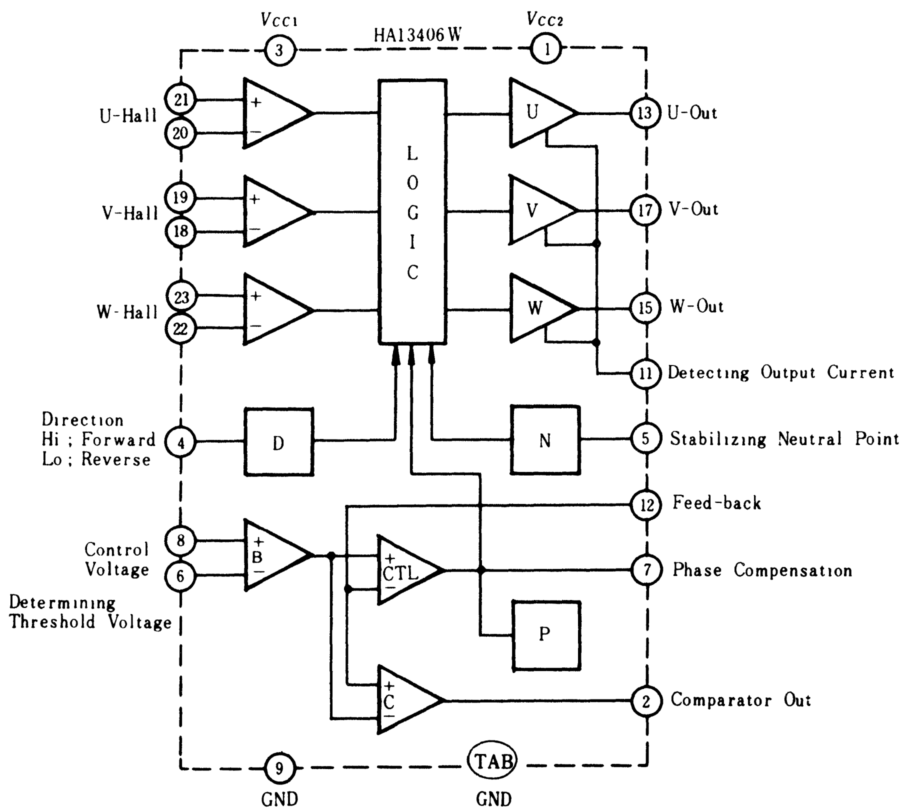


13H431ZX Spindle Motor Driver for 5.25 in. FDD

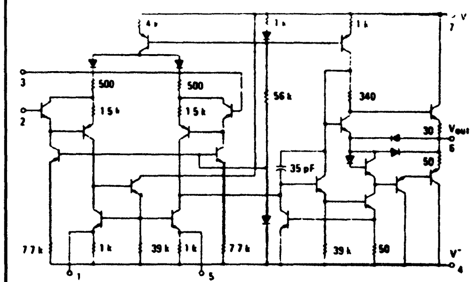


17. CIRCUIT DRAWINGS

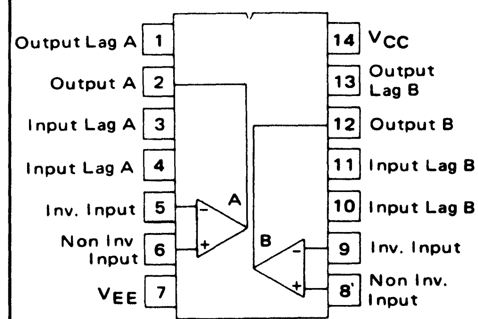
13H406ZX 3-Phase Brushless Motor Driver



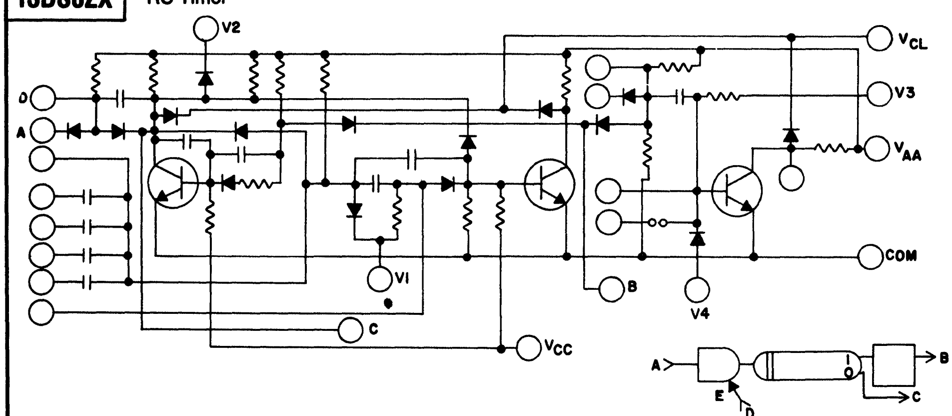
14LM56ZX Single Operational Amplifier



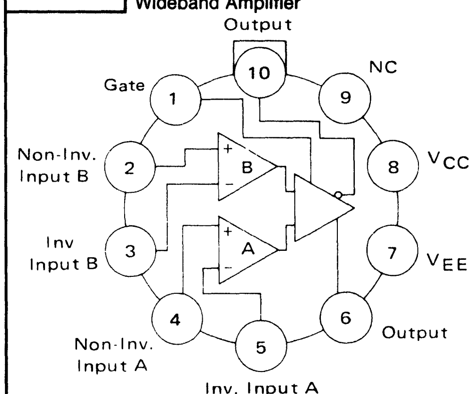
14LM37ZX Dual Operational Amplifier



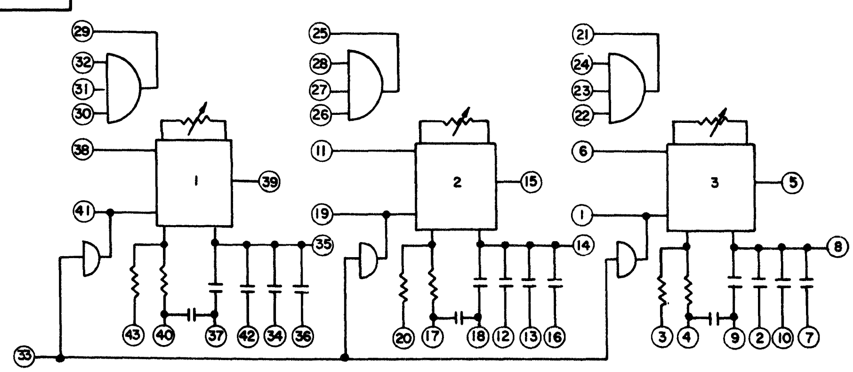
13DS0ZX RC Timer



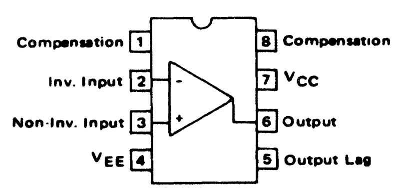
14LM45GX Gate-Controlled Two-Channel-Input Wideband Amplifier



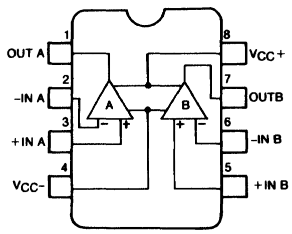
13M0YX RC Timer



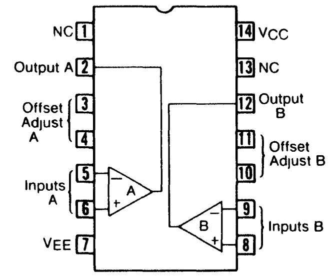
14LM39HX Single Uncompensated Operational Amplifier – 8 pin DIP or Can



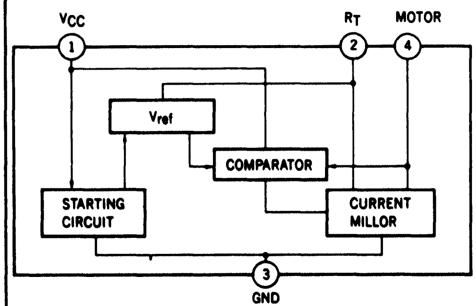
14LM58HX Dual Operational Amplifier - 8 pin DIP or Can



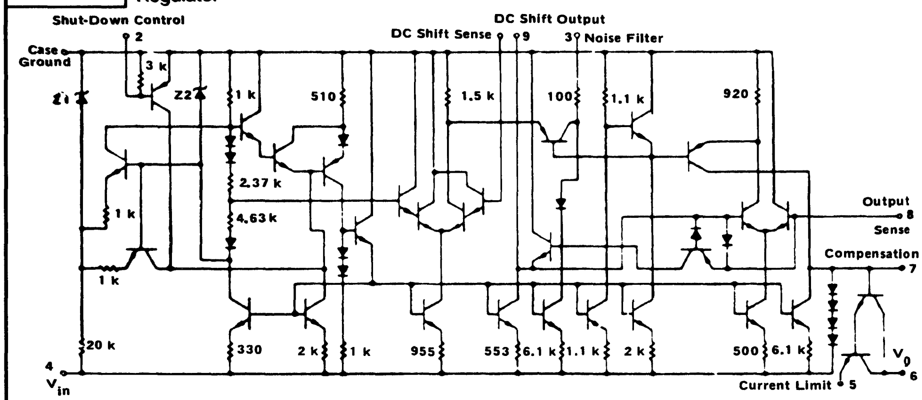
14LM58NX Dual Operational Amplifier - 14 pin DIP



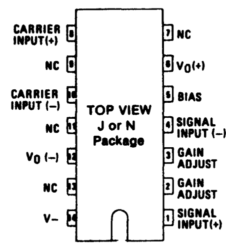
14-70h Motor Speed Regulator Circuit



14LM63GX Negative Voltage Regulator



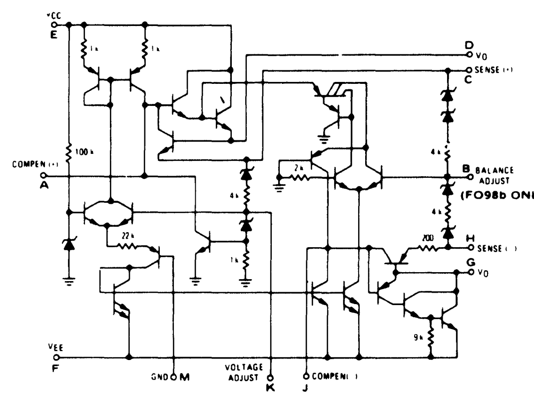
14SG02JX Four Quadrant Multiplier



14LM68GX **14LM68LX** **14LM68RX**

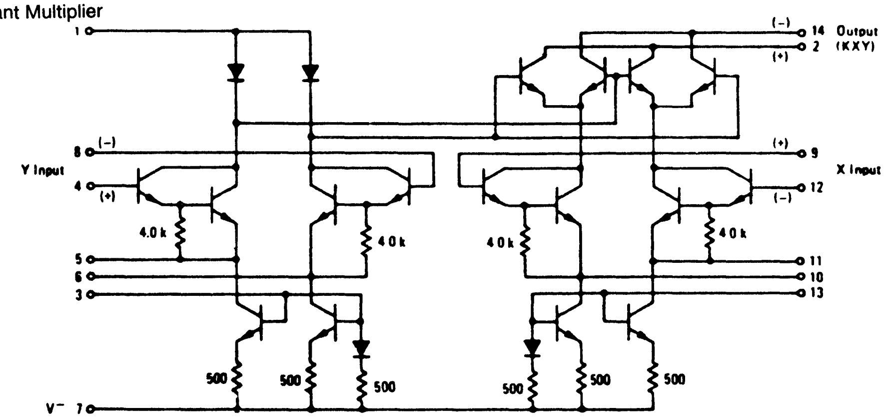
Dual Polarity Tracking Regulator

	A	B	C	D	E	F	G	H	J	K	M
14LM68GX	1		2	3	4	5	6	7	8	9	10
14LM68RX	1		2	3	4	5	6	7	8	9	
14LM68LX	3	2	4	5	7	8	10	11	12	14	1



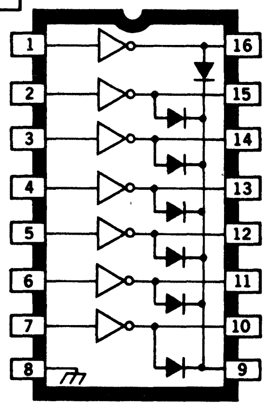
14LM68RX - GND CONNECTED TO CASE

14LM95JX Wideband 4 Quadrant Multiplier



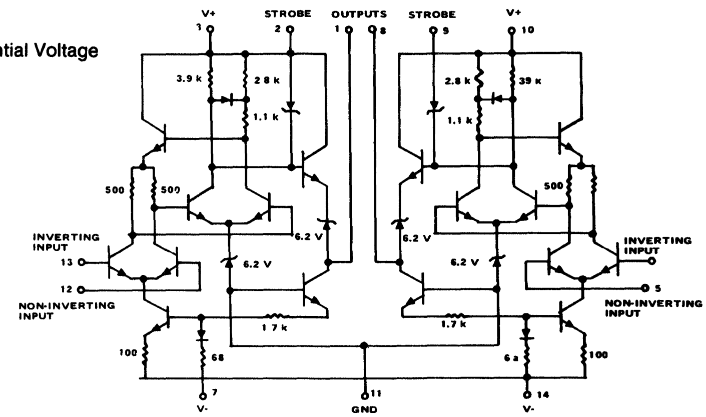
17. CIRCUIT DRAWINGS

14LM11LX Multi Transistor Power Driver

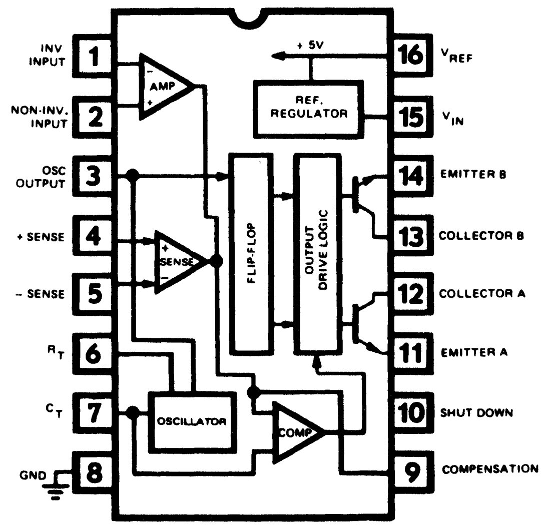


14LM14PX

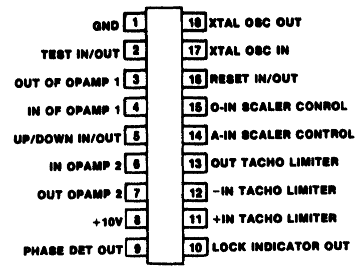
Dual Differential Voltage Comparator



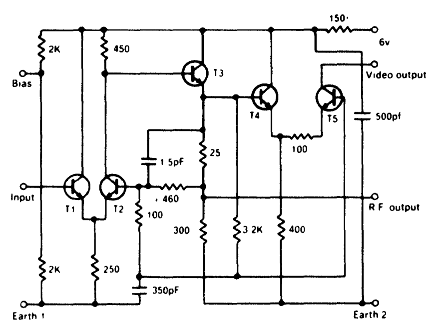
15LM24JX Pulse width Modulating Regulator



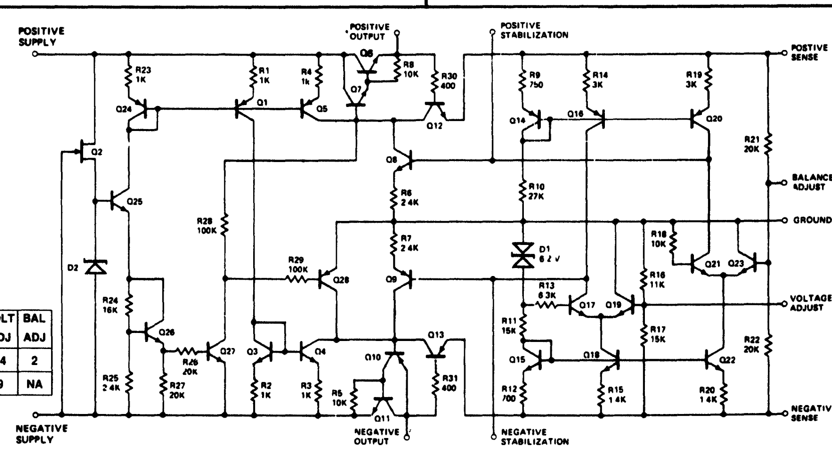
15-33 PLL Motor Speed Controller



15SL21AX High Frequency Wide Range Log IF Strip

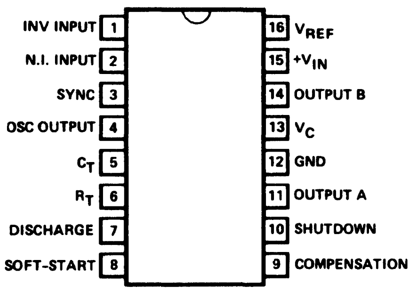


15LM01TX Dual Voltage Tracking Regulator

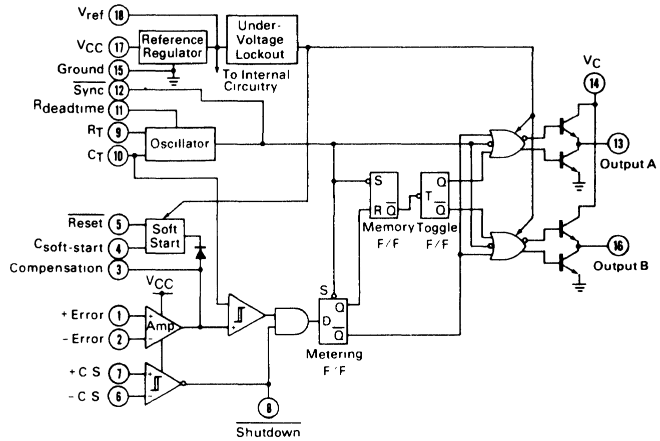


	PKG	POS STAB	POS SENSE	POS OUT	V+	V-	NEG STAB	NEG SENSE	NEG OUT	VOLT ADJ	BAL ADJ
15LM01TX	MP	3	4	5	7	8	12	11	10	14	2
	TO100	1	2	3	4	5	8	7	6	9	NA

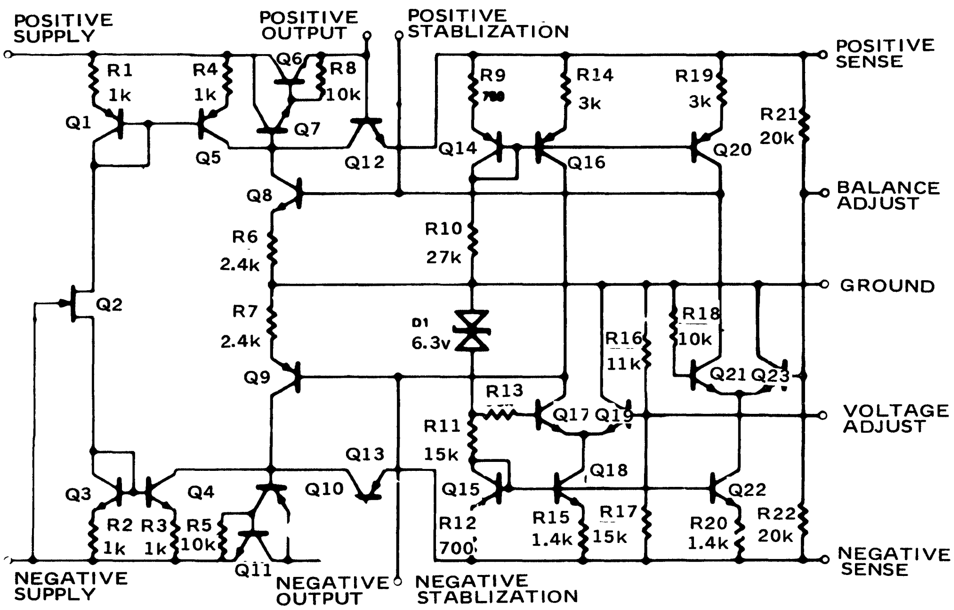
15LM25NX
Regulating Pulse Width Modulator
- 16 pin DIP



15LM26JX
Regulating Pulse Width Modulator

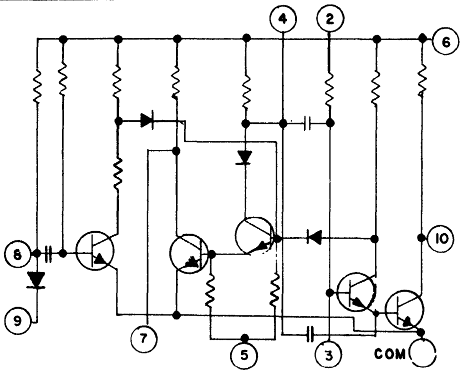


15LM02JX
Adjustable Dual Voltage Regulator

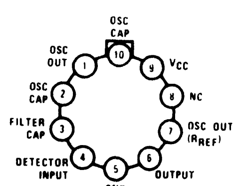


	PKG	POS STAB	SENSE	OUT	NEG V+	V-	STAB	SENSE	OUT	VOLT ADJ	BAL ADJ
15LM02JX	CN	1	2	3	4	5	8	7	6	9	NA
	MP or To 116	3	4	5	7	8	12	11	10	14	2

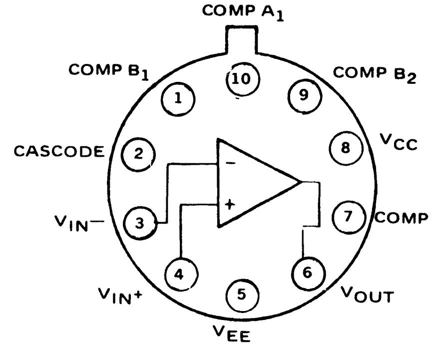
16LM06KX
RC Timer



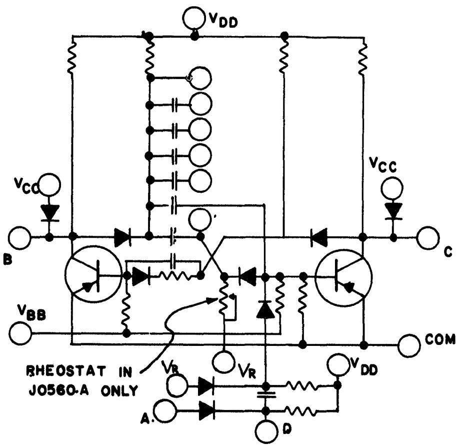
18LM30HX
Fluid Detector

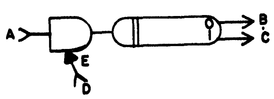


17M715GX
Single Operational Amplifier
- 10 pin Can



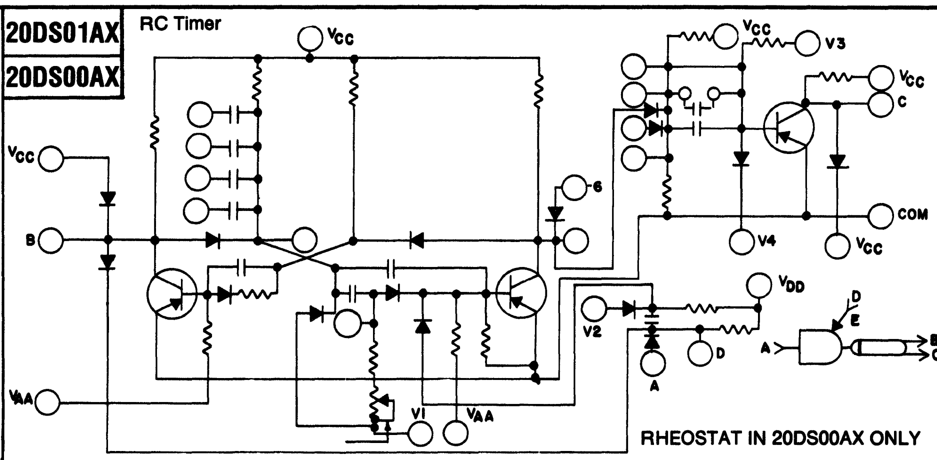
20DM02AX **20DM00AX** RC Timer





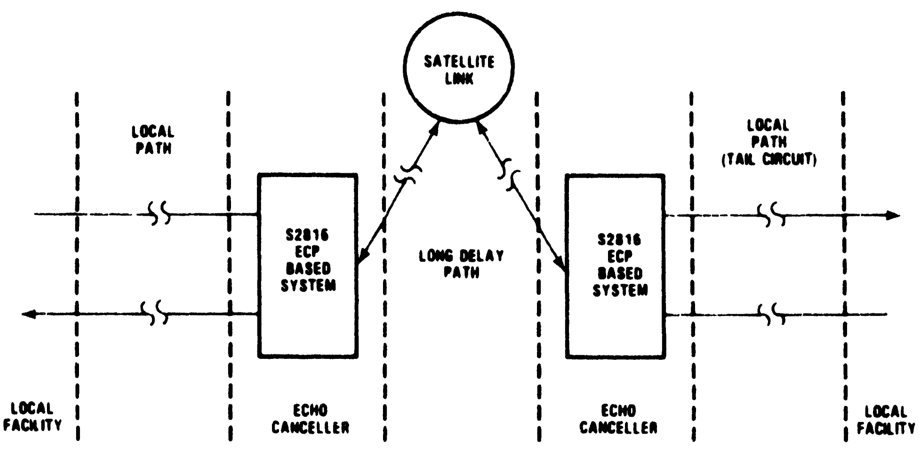
CKT NO. \ TERM	A	B	C	D
1	25	6	31	26
2	22	10	29	30
3	9	17	28	19

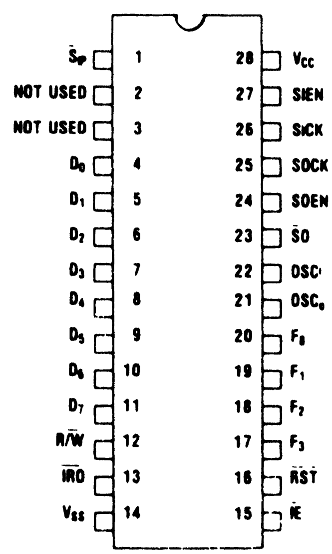
20DS01AX **20DS00AX** RC Timer



CKT. NO. \ TERM	A	B	C	D
1	14	7	27	28
2	13	30	26	18

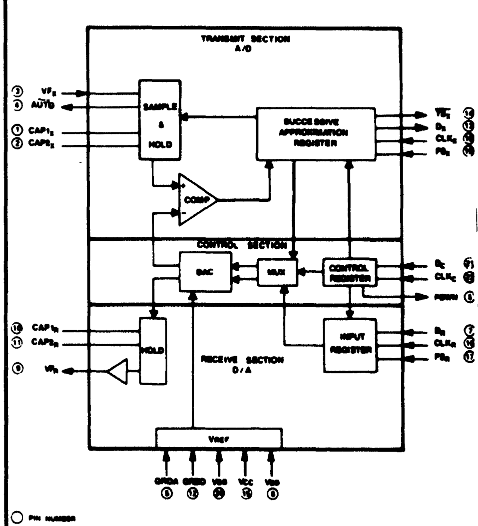
20LM30NX Echo cancellor processor



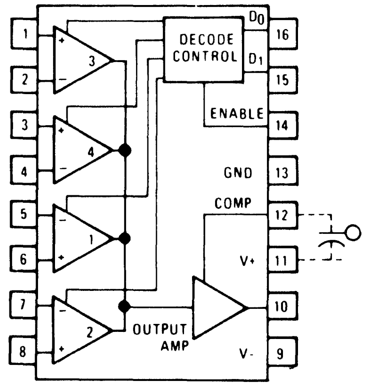


17. CIRCUIT DRAWINGS

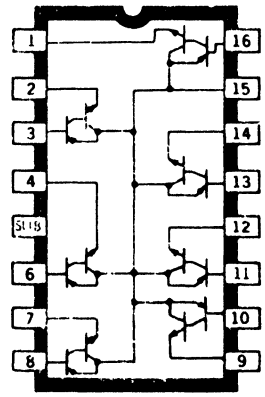
29LM11ZX A-Law PCM CODEC



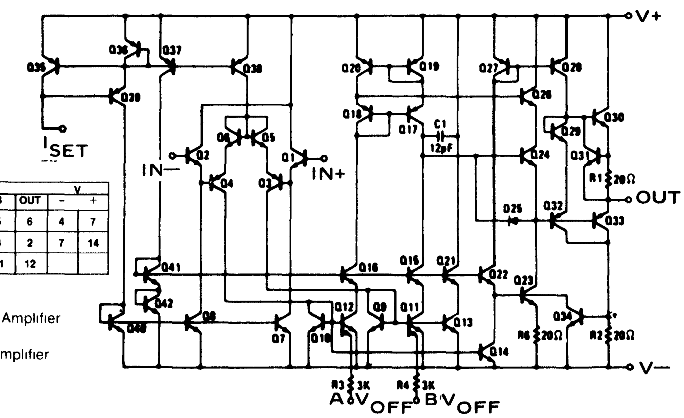
24LM00NX Digitally Selectable Quad Op Amp - 16 pin DIP



20LM32AX Common Emitter Darlington Array PNP



27LM20HX 27LM30NX

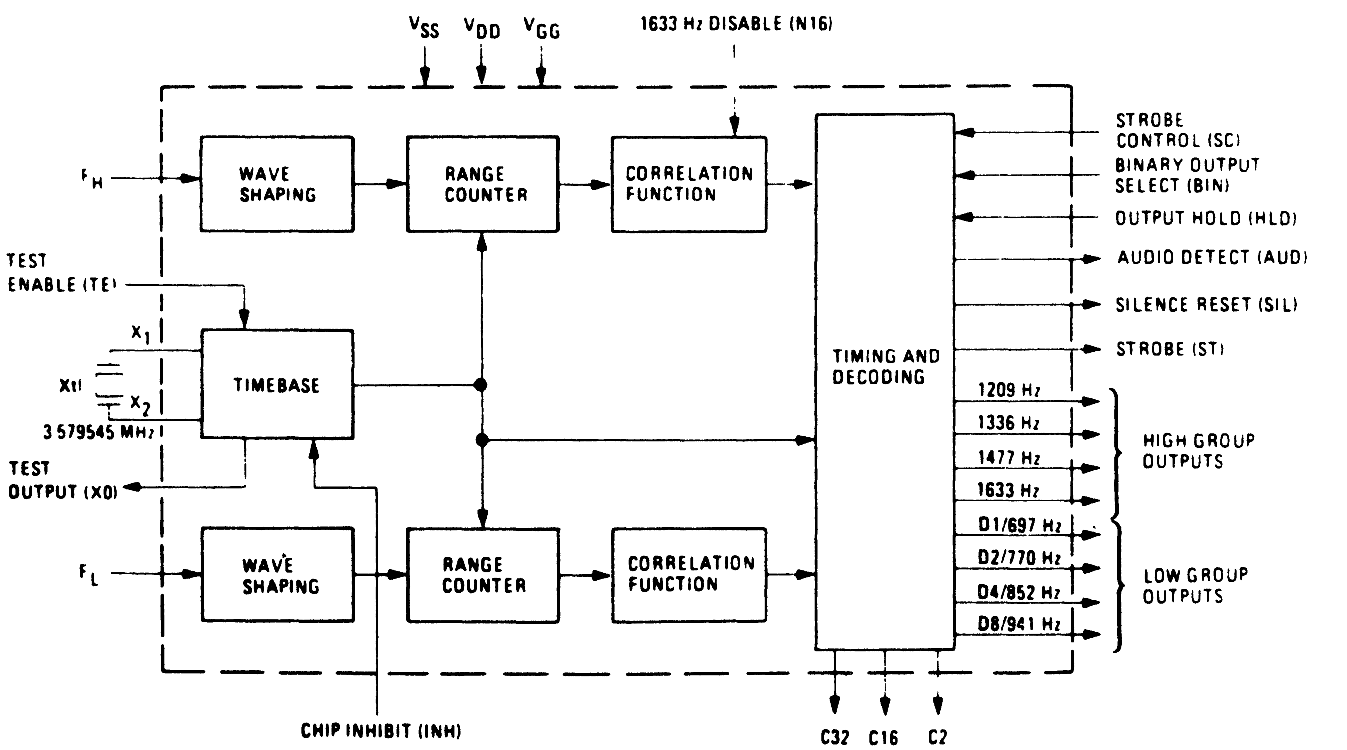


			IN		V OFF			V	
	CKT	ISET	−	+	A	B	OUT	−	+
27LM20HX	1	8	2	3	1	5	6	4	7
27LM30NX	1	1	5	6	3	4	2	7	14
	2	13	8	9	10	11	12		

27LM20HX Single Operational Amplifier - 8 pin DIP or Can

27LM30NX Dual Operational Amplifier - 14 pin DIP

28LM16AX A-Law Companding CODEC



17. CIRCUIT DRAWINGS

30LM11HX

Wideband Amplifier

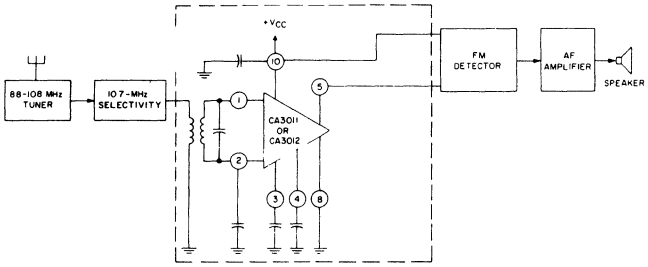
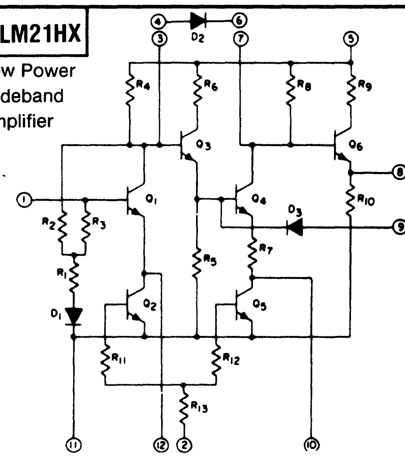


Fig 2

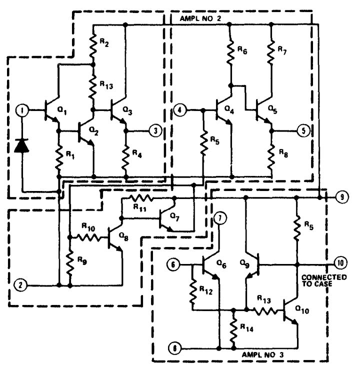
30LM21HX

Low Power Wideband Amplifier



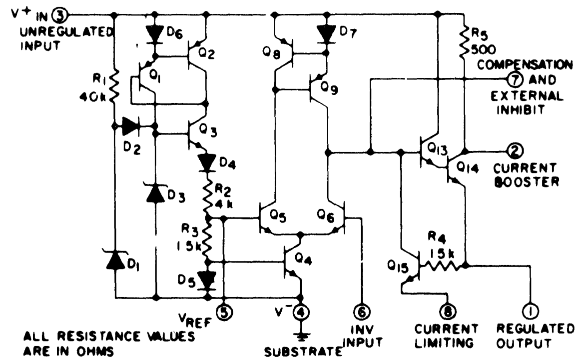
30LM35VX

Wideband Amplifier



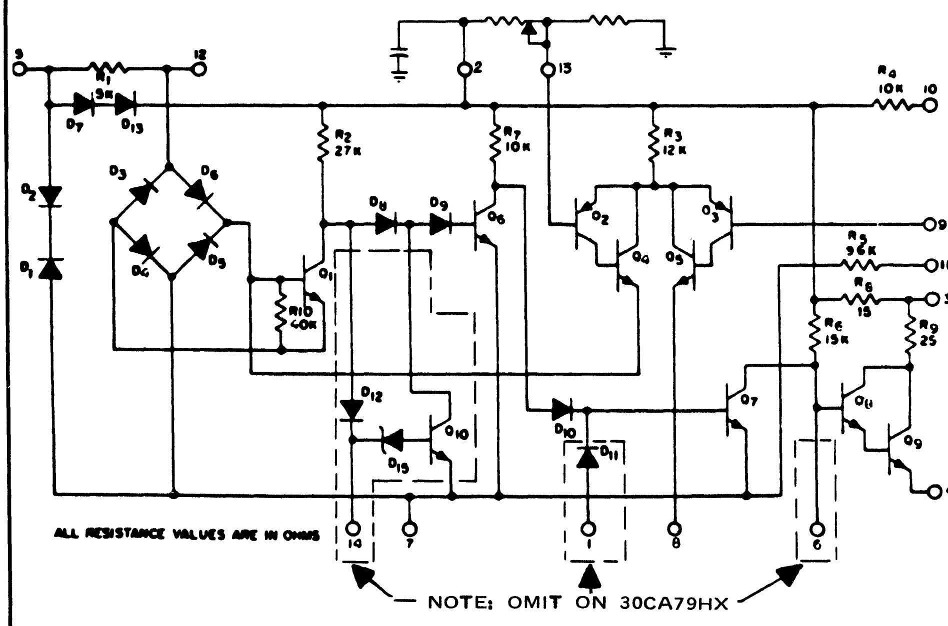
30CA85HX

Positive Voltage Regulator



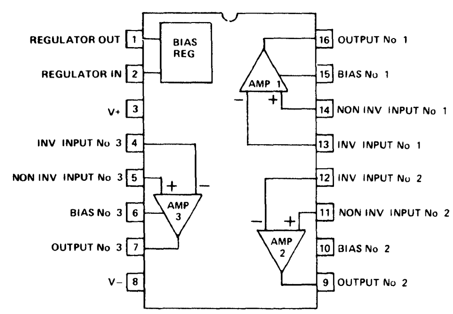
30CA58HX | 30CA79HX

Zero Voltage Switch



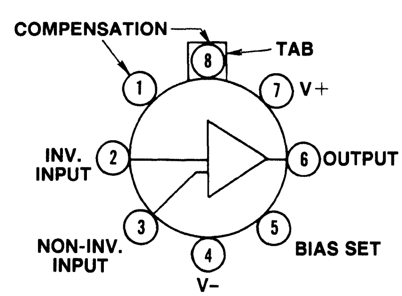
30LM60NX

Triple Operational Amplifier - 16 pin DIP



30LM78HX

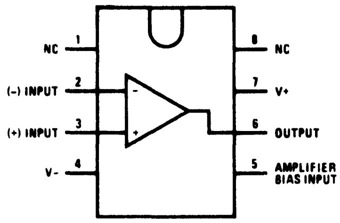
Single Operational Amplifier



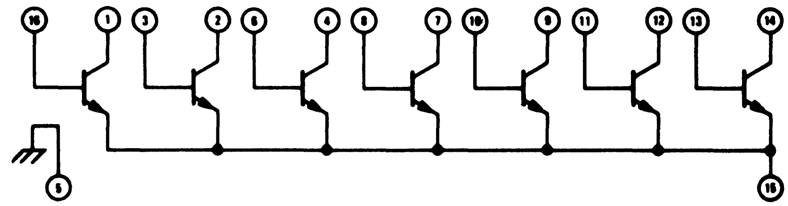
NOTE: PIN 4 IS CONNECTED TO CASE

17. CIRCUIT DRAWINGS

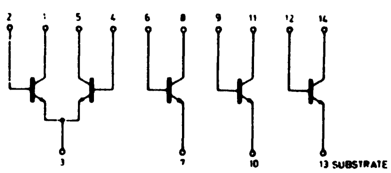
30LM80HX Single Operational Amplifier - 8 pin DIP or Can



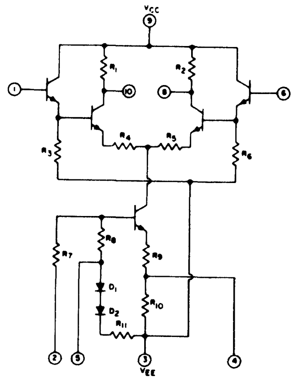
30LM81JX **30LM82JX** 7 Device Transistor Array



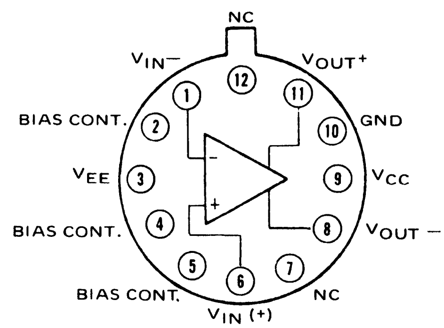
30LM86NX 5 element Transistor Array



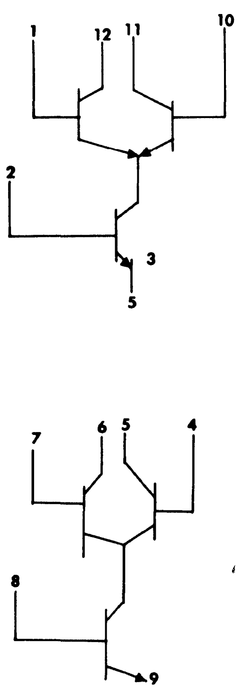
30CA00HX DC Amplifier



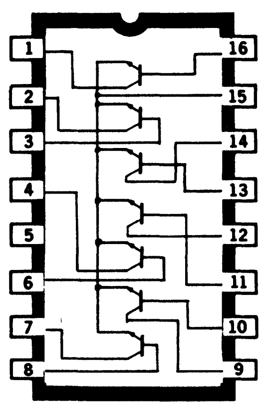
30CA01HX Video and Wideband Amplifier



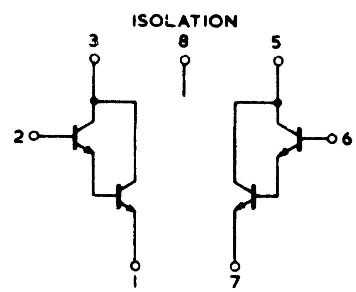
30LM26HX Dual Independent Differential Amplifiers



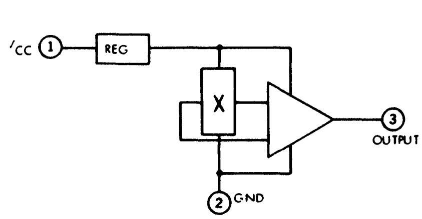
30M81CX Common Emitter Array



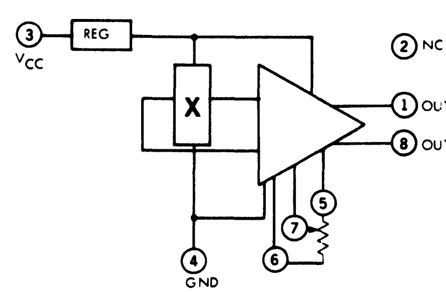
30LM05BX Dual Darlington Pair



30U501TX Hall Effect Sensor

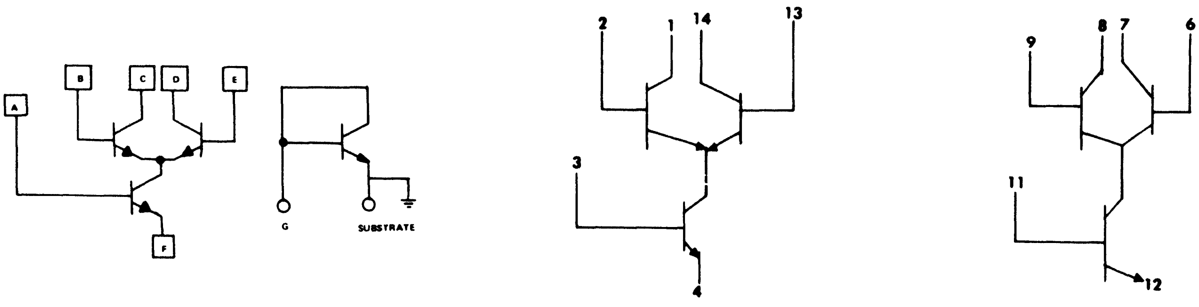


30U501MX Linear Output Hall Effect Sensor

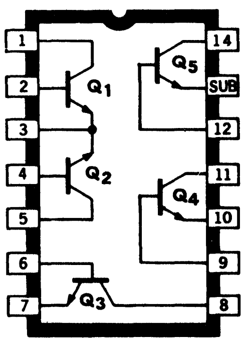


17. CIRCUIT DRAWINGS

30LM54HX Dual Independent Differential Amplifiers

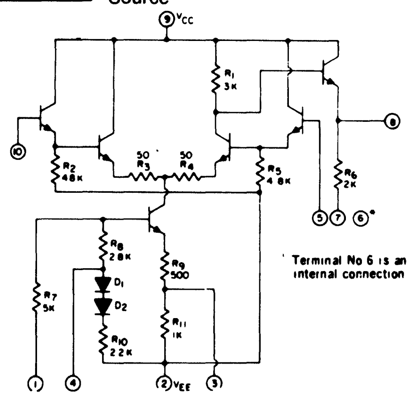


30LM46CX **30LM47CX** 5 element Transistor array

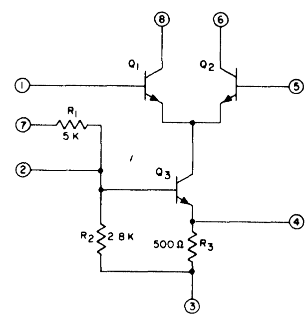


30LM47CX-Substrate on Pin 3

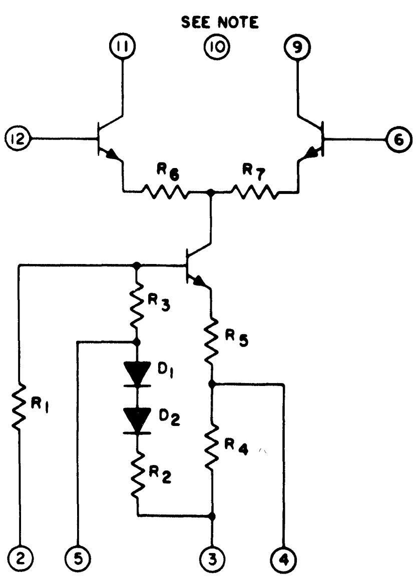
30CA02HX IF Amplifier with Constant Current Source



30LM28HX Differential/Cascode Amplifier

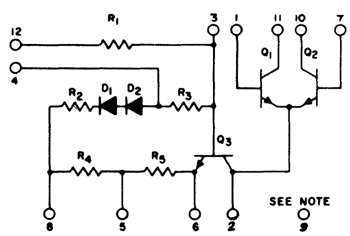


30CA04HX RF Amplifier



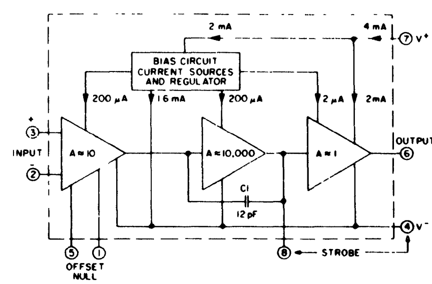
NOTE: Connect Terminal No. 10 to most positive dc supply voltage used for circuit.

30LM05ZX RF Amplifier



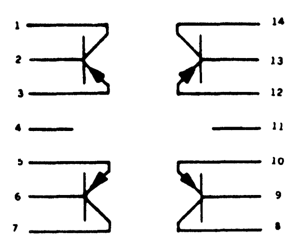
NOTE: Connect Terminal No 9 to most positive dc supply voltage used for circuit.

31LM40HX Single MOSFET Input/Bipolar Output Operational Amplifier



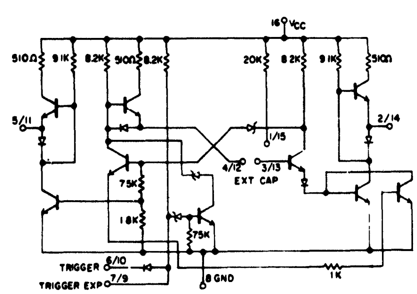
34LM67QX **34LM70QX**

4 Device Transistor Array



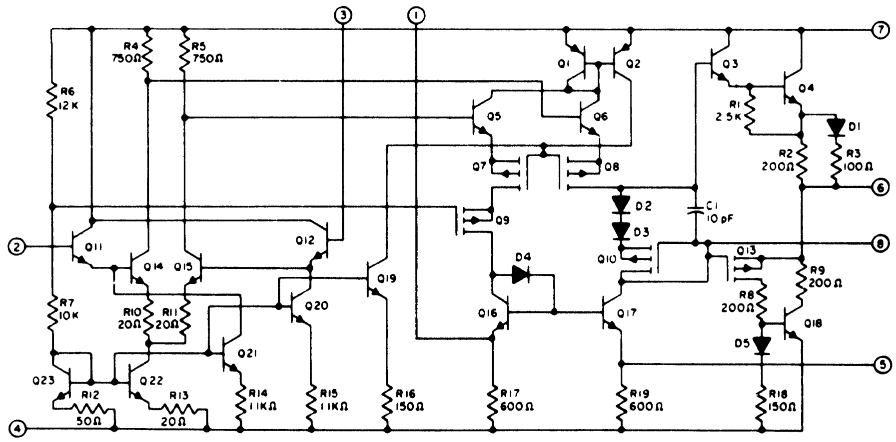
34LM70QX - Has NPN Trans.

34LM21DX RC Timer

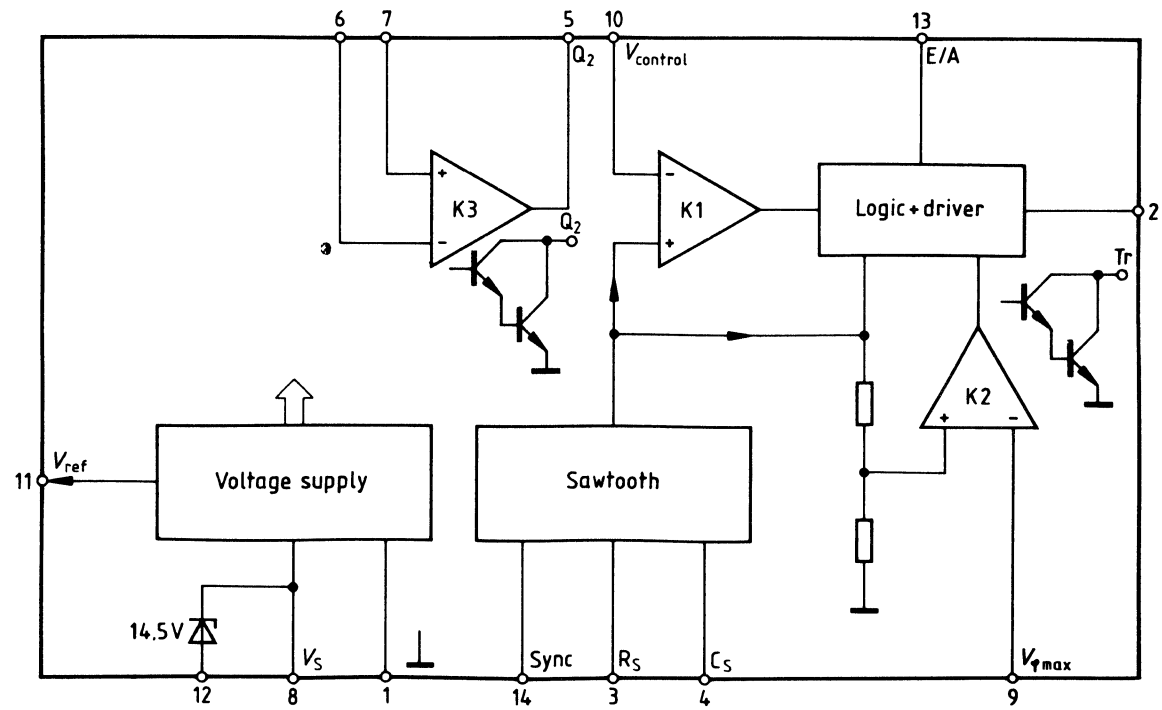


17. CIRCUIT DRAWINGS

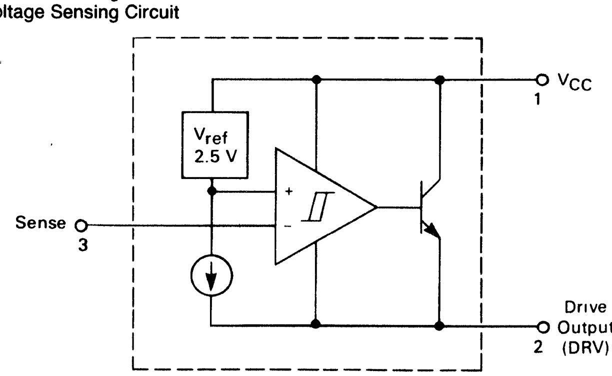
31LM00HX Single Operational Amplifier



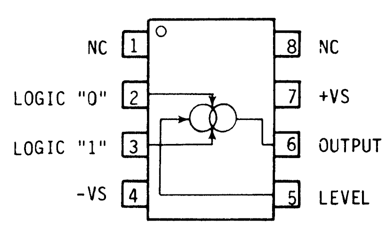
31TL03ZX Phase Controller



34M061PX 3-Terminal Programmable Over-voltage Sensing Circuit

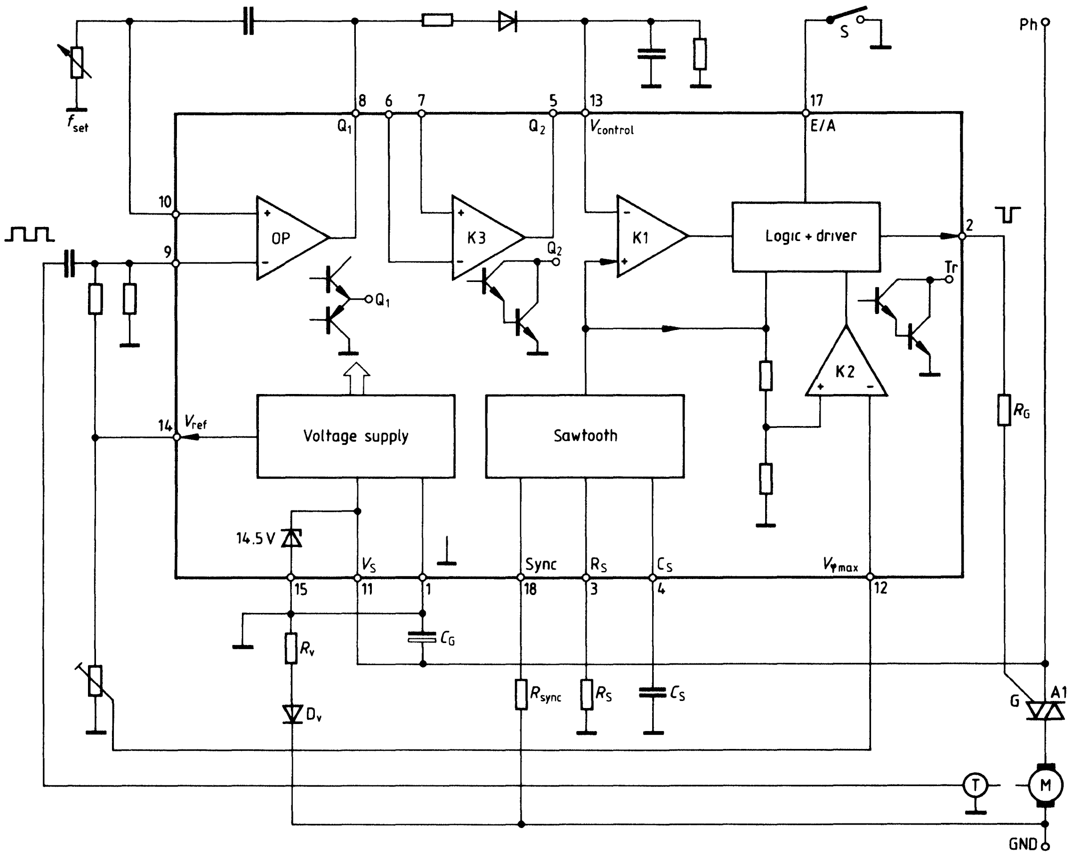


37LM56MX Adjustable Current Source

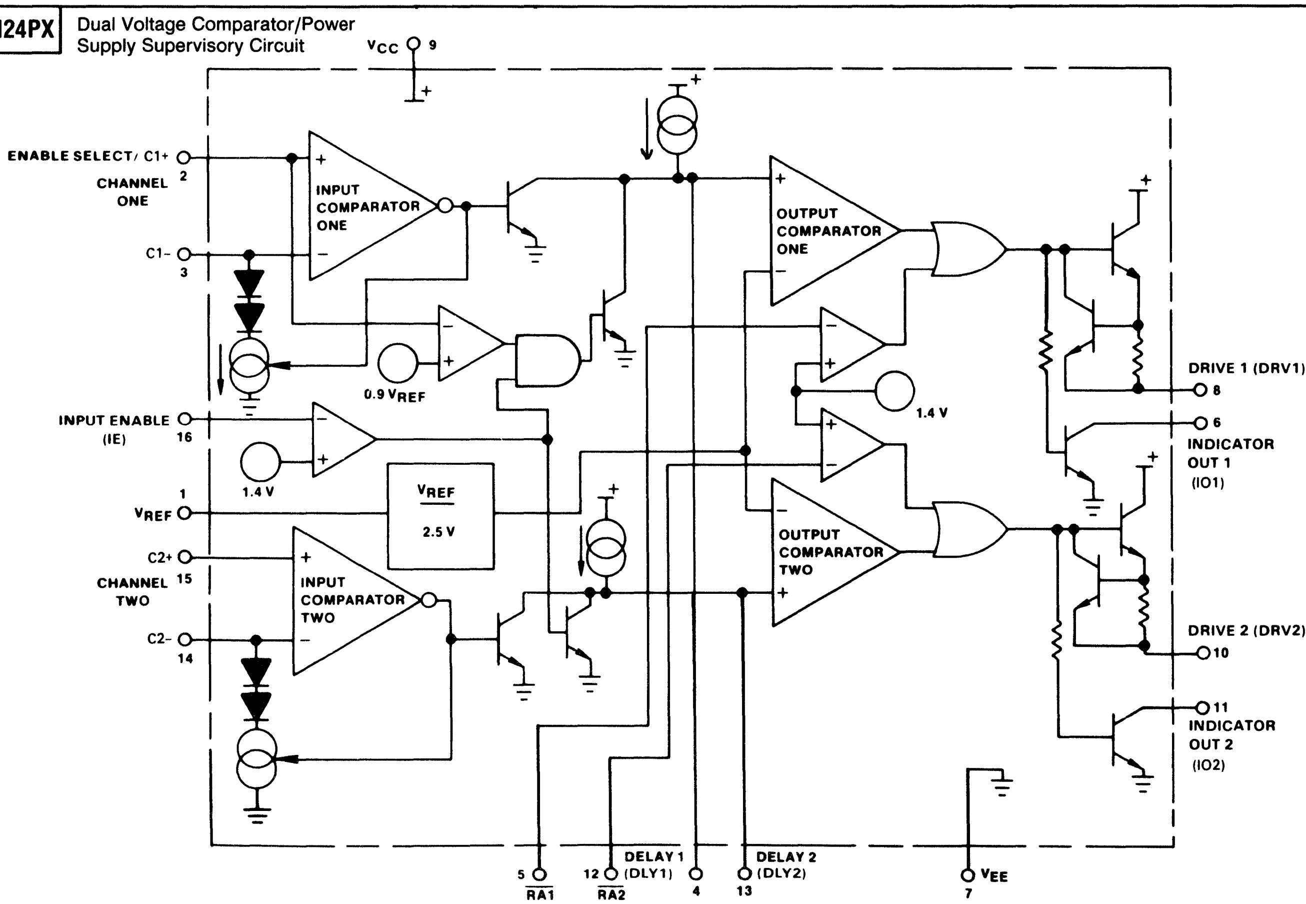


17. CIRCUIT DRAWINGS

31TL01ZX Phase Controller

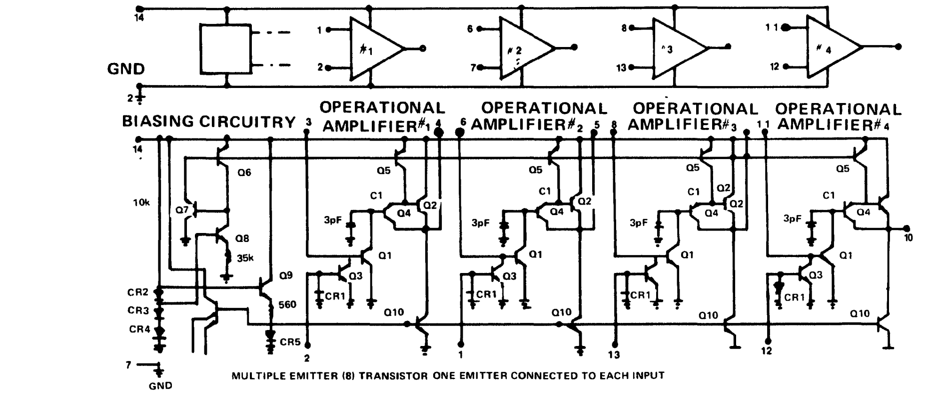


33LM24PX Dual Voltage Comparator/Power Supply Supervisory Circuit

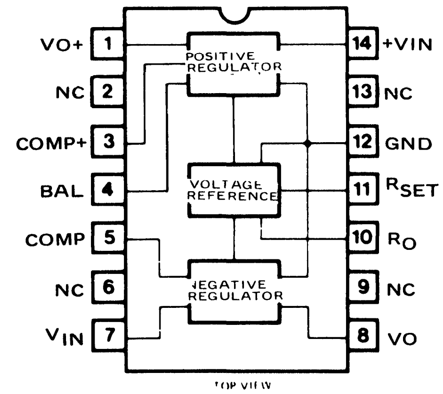


17. CIRCUIT DRAWINGS

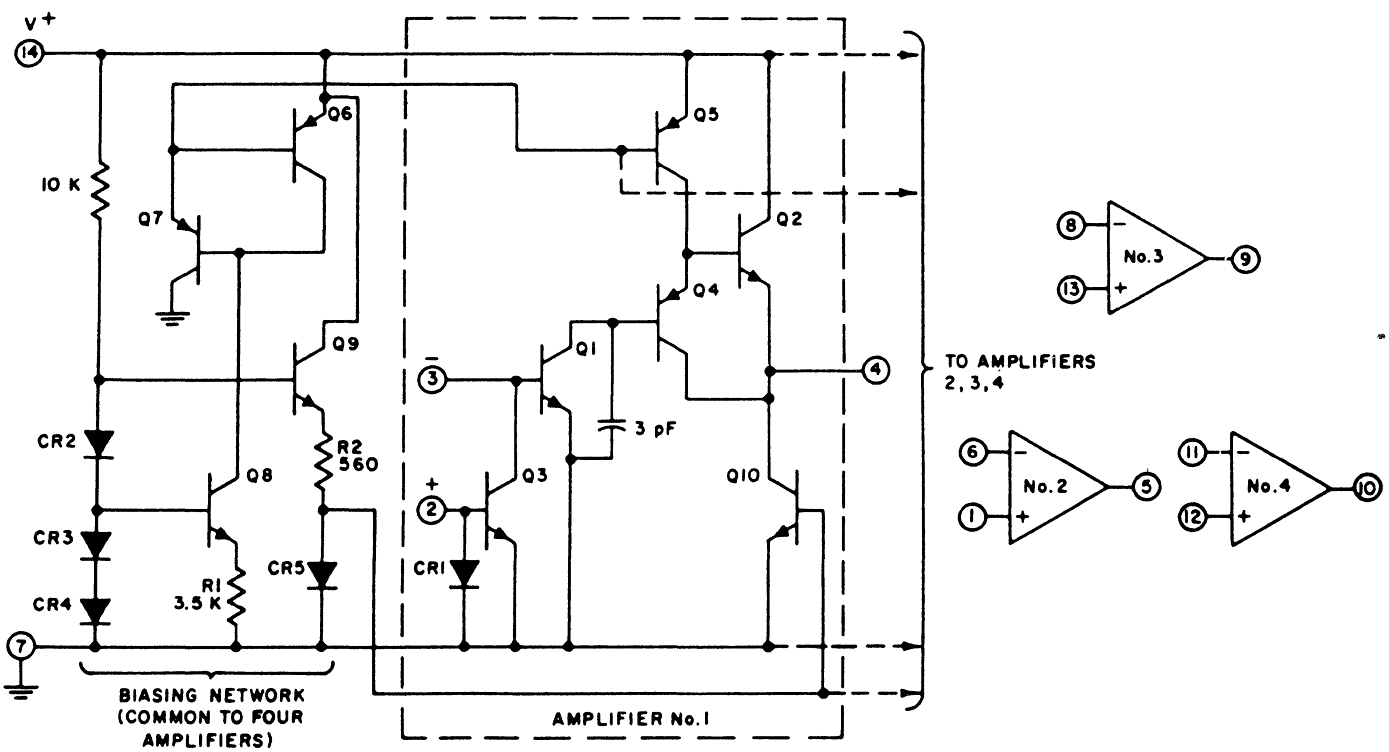
33LM01NX Quad Operational Amplifier



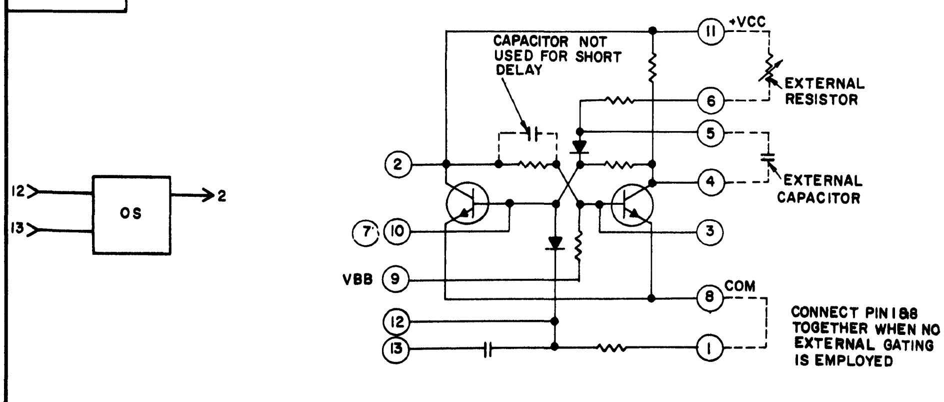
41LM94JX Dual Tracking Voltage Regulator



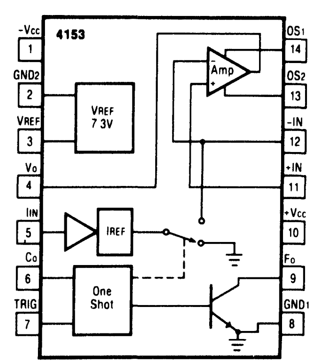
34LM01NX Quad Operational Amplifier



35LM10BX RC Timer

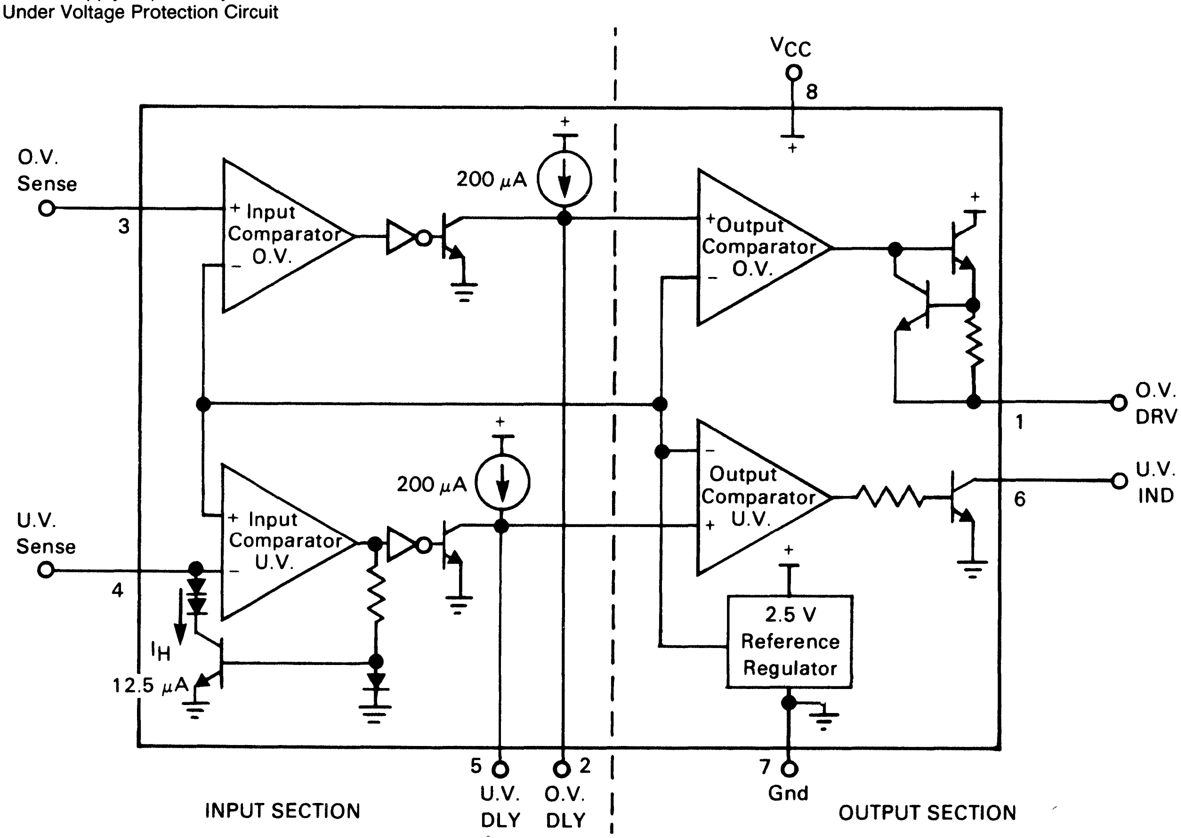


41LM51TX Voltage to Frequency Converter - 8 pin DIP or Can

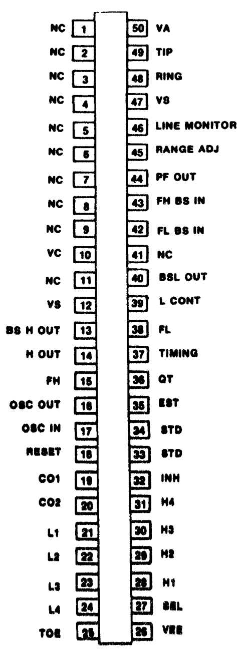


17. CIRCUIT DRAWINGS

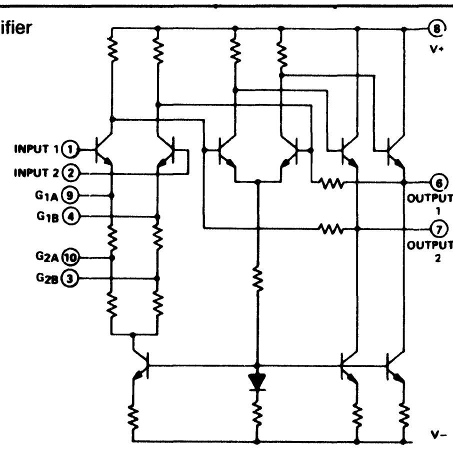
34LM25PX Power Supply Supervisory Over-Under Voltage Protection Circuit



35LM19LX Subscriber Loop Interface Circuit



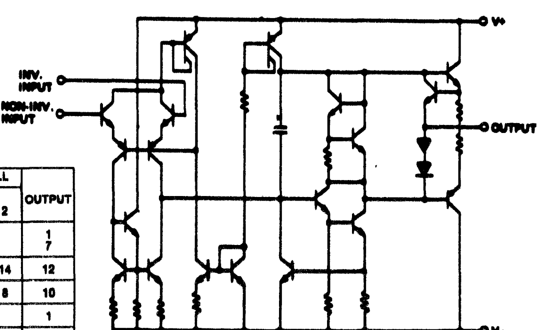
35LM01MX Wideband Amplifier



36LM07ZX **36LM08ZX**

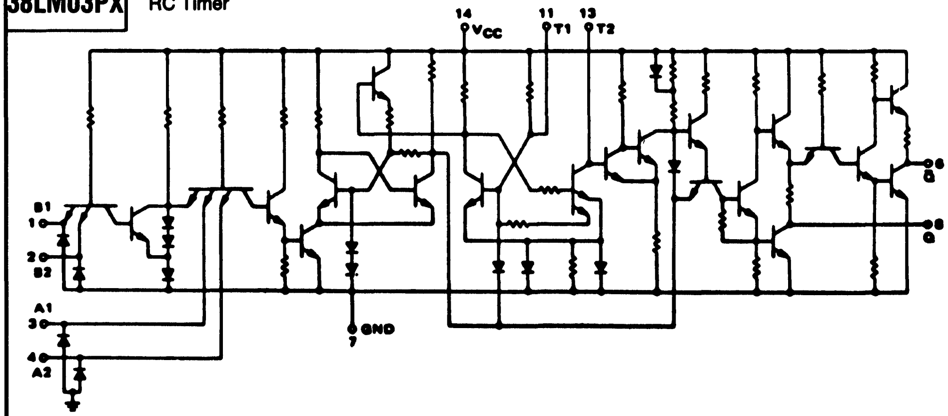
36LM07ZX Dual Operational Amplifier
36LM08ZX Dual Operational Amplifier

	PKO	CKT	V +	V-	INPUT INV.	INPUT NON INV.	OFFSET NULL 1	OFFSET NULL 2	OUTPUT
36LM07ZX MP or To 78		1 2	8 8	4 4	2 6	3 5			1 7
36LM08ZX	MP	1	13	4	1	2	3	14	12
		2	9		7	6	5	8	10
	CN	1	2	5	3	4			1
		2	8		7	6			9

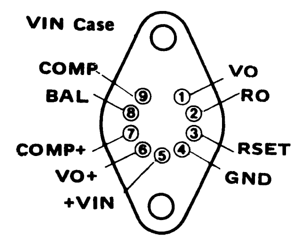


17. CIRCUIT DRAWINGS

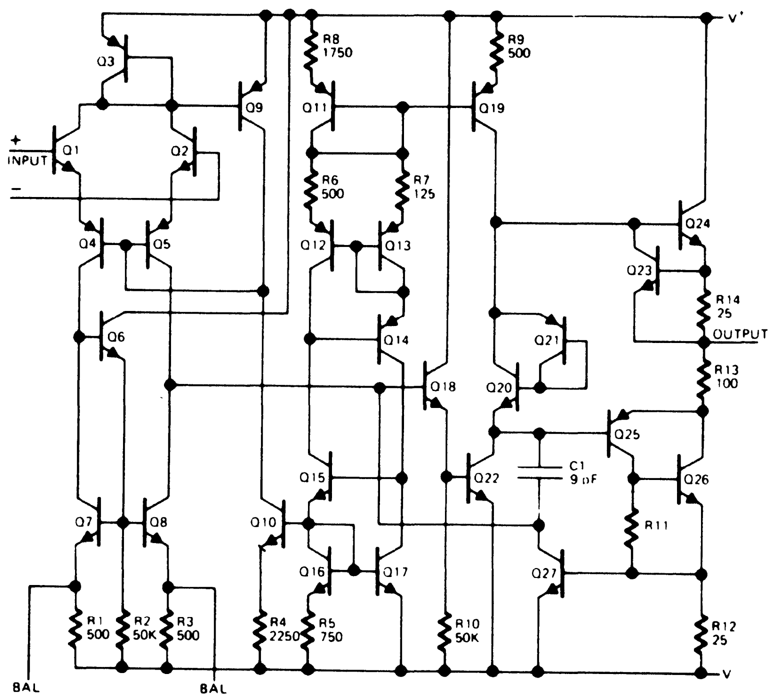
38LM03PX RC Timer



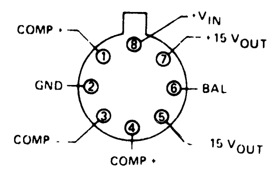
41LM94KX Dual Tracking Voltage Regulator



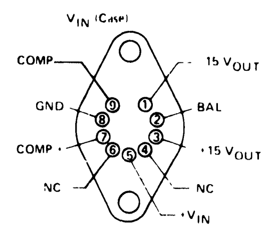
41LM31ZX Single Operational Amplifier



41LM95TX Dual Tracking Voltage Regulator

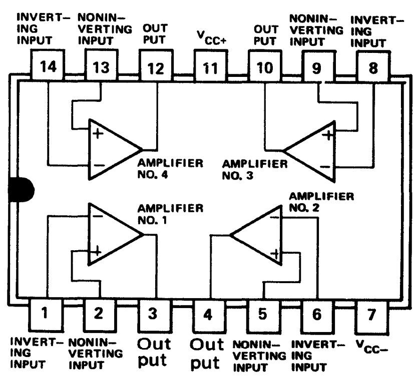


41LM95KX Dual Tracking Voltage Regulator

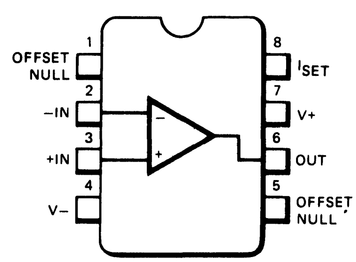


(Bottom View)

41LM36NX Quad Operational Amplifier
- 14 pin DIP

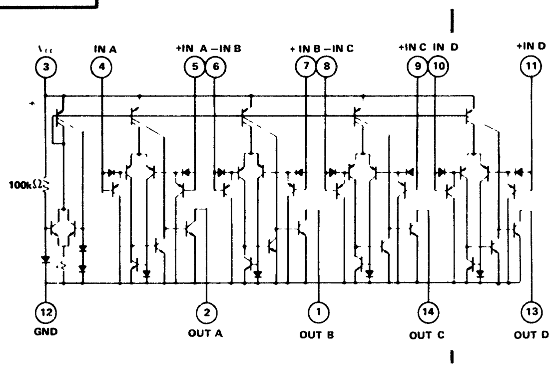


42LM50HX Single Operational Amplifier
- 8 pin DIP or 8 pin Can

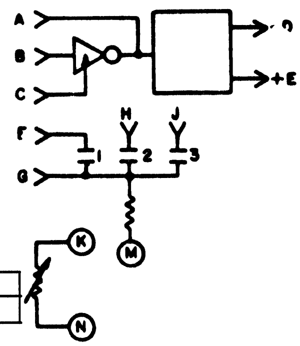


17. CIRCUIT DRAWINGS

42MB04MX Quad Comparator



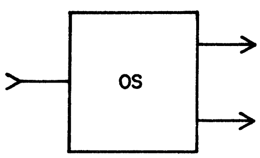
43LM01ZX RC Timer

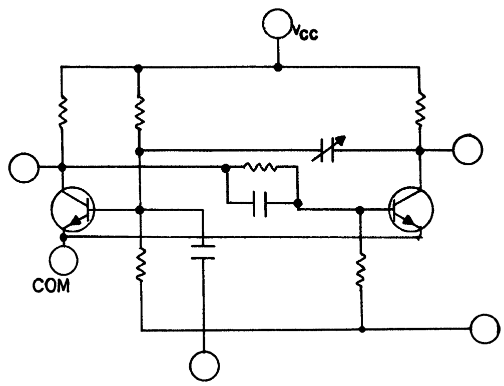


	A	B	C	D	E	F
43LM01ZX	R	T	N	D	E	JandH

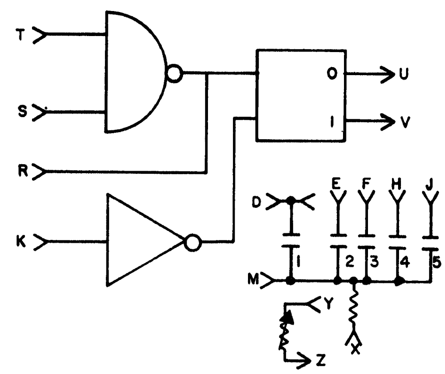
	G	H	J	K	M	N
43LM01ZX	K	L	V	U	S	P

40LM02AX RC Timer

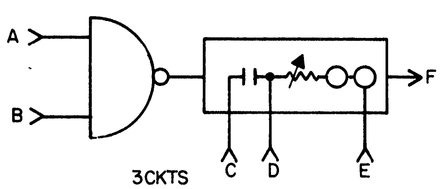




43LM03ZX RC Timer



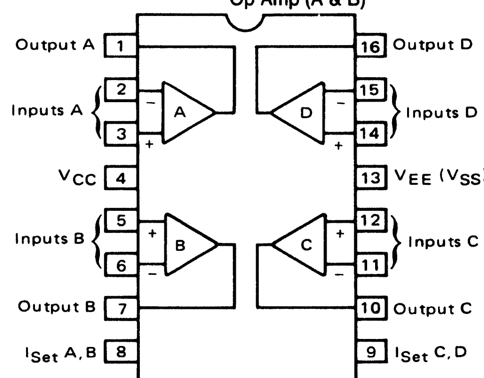
43LM06ZX RC Timer



3CKTS

CKT NO	1	2	3
A	E	M	U
B	F	N	V
C	J	R	X
D	H	P	W
E	K	S	Y
F	L	T	Z

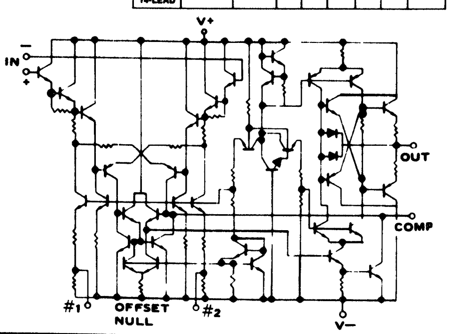
45LM74PX 45LM75PX Quad Comparator Dual Comparator (C & D) and Dual Op Amp (A & B)



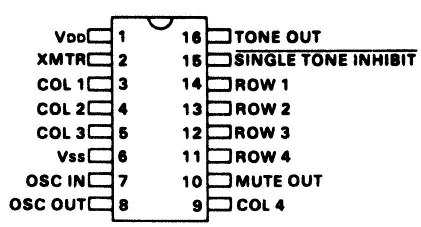
45LM74PX: QUAD COMPARATOR
45LM75PX: DUAL COMPARATOR (C & D) + DUAL OP. AMP. (A & B)*

45LM31ZX Single Operational Amplifier

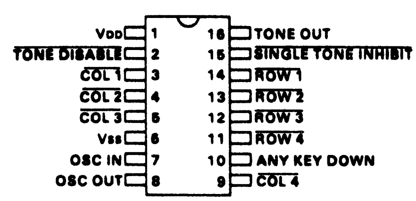
PKG	OFFSET NULL #1	OFFSET NULL #2	IN-	IN+	OUT	V-	V+	COMP
CN	1	5	2	3	6	4	7	8
MP 8-LEAD	1	5	2	3	6	4	7	8
MP 14-LEAD	3	9	4	5	10	6	11	12



50-87GX DTMF Generator



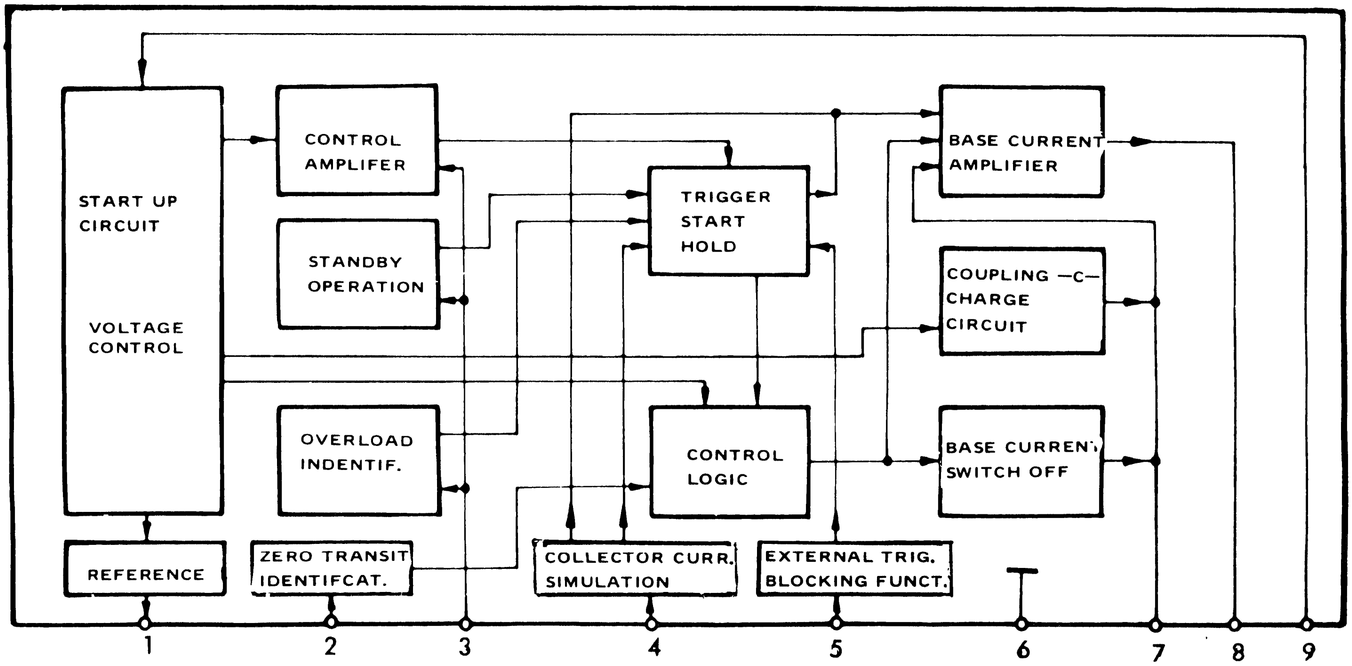
50-89GX DTMF Generator



17. CIRCUIT DRAWINGS

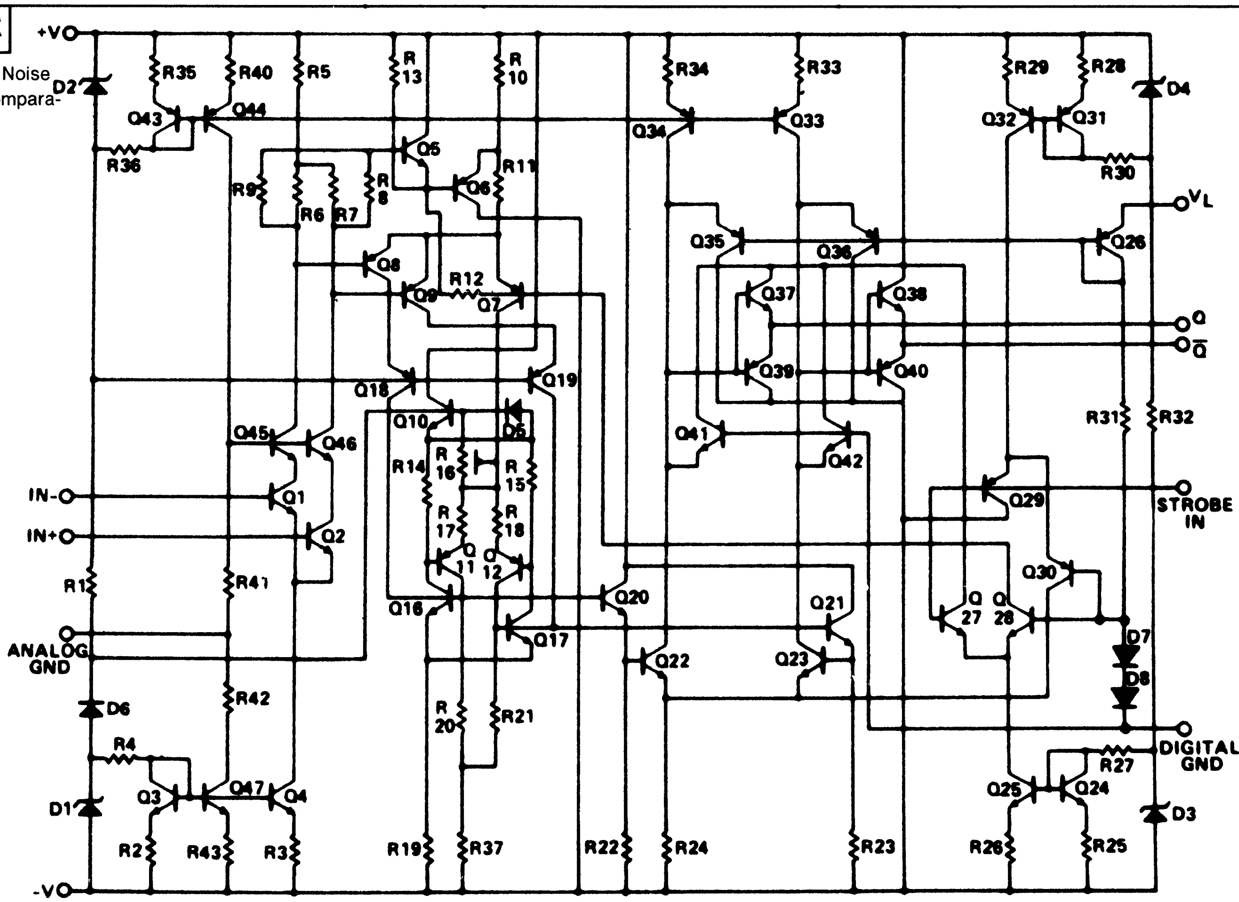
46TD00ZX

Switch Mode Power Supply Controller



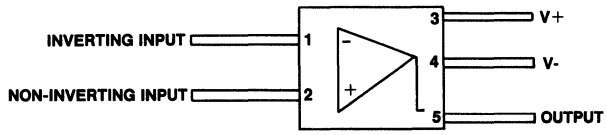
49LM00JX

Quad Low Noise Voltage Comparator

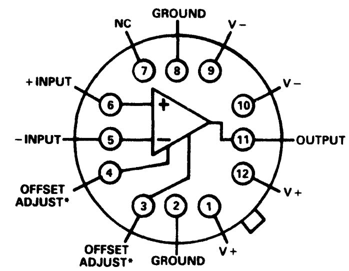


17. CIRCUIT DRAWINGS

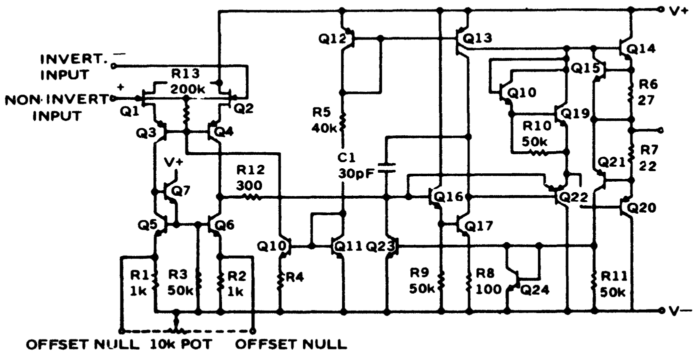
0ML08BX Single Operational Amplifier



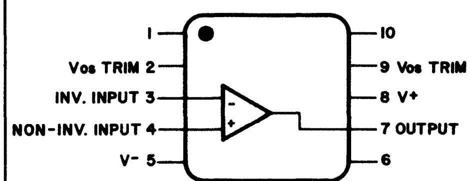
0H050CX Video Operational Amplifier



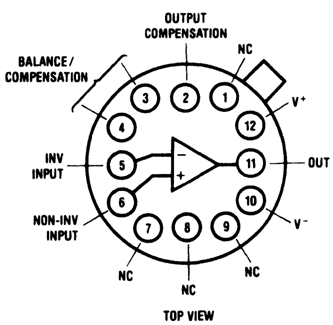
00LM42HX Single FET Input Operational Amplifier



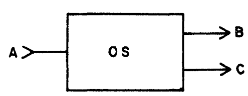
0LM7FX Single Operational Amplifier - 10 pin F.P.



00LM32ZX High Speed FET Input Operational Amplifier - 12 pin Can



0LM04AX RC Timer



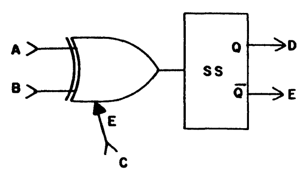
4 CKTS

CKT / TERM	1	2	3	4
A	W	P	J	C
B	Y	T	L	E
C	V	N	H	B

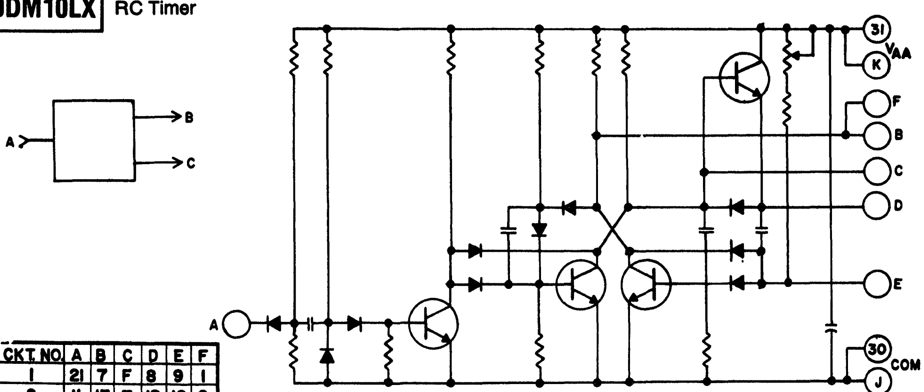
A	+12V
Z	-12V

02LM24IX 02LM23IX RC TIMER

	CKT. / TERM	A	B	C	D	E
02LM23IX	1	31	32	34	30	33
	2	22	23	25	21	24
	3	14	15	17	13	16
	4	6	7	9	5	8
02LM24IX	1	30	29	31	28	32
	2	22	21	23	20	24
	3	14	13	15	12	16
	4	8	6	7	5	9

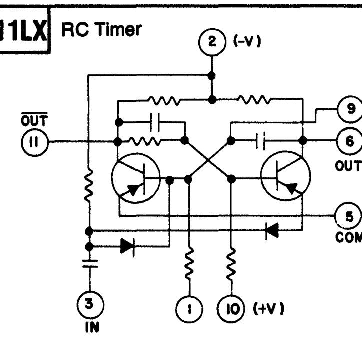


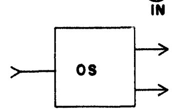
0DM10LX RC Timer



CKT. NO	A	B	C	D	E	F
1	21	7	F	8	9	1
2	11	17	T	18	19	2
3	1	26	E	27	27	3

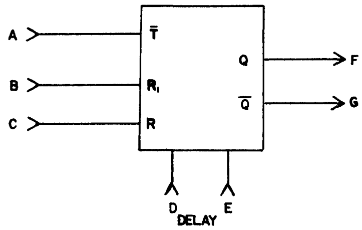
00LM11LX RC Timer





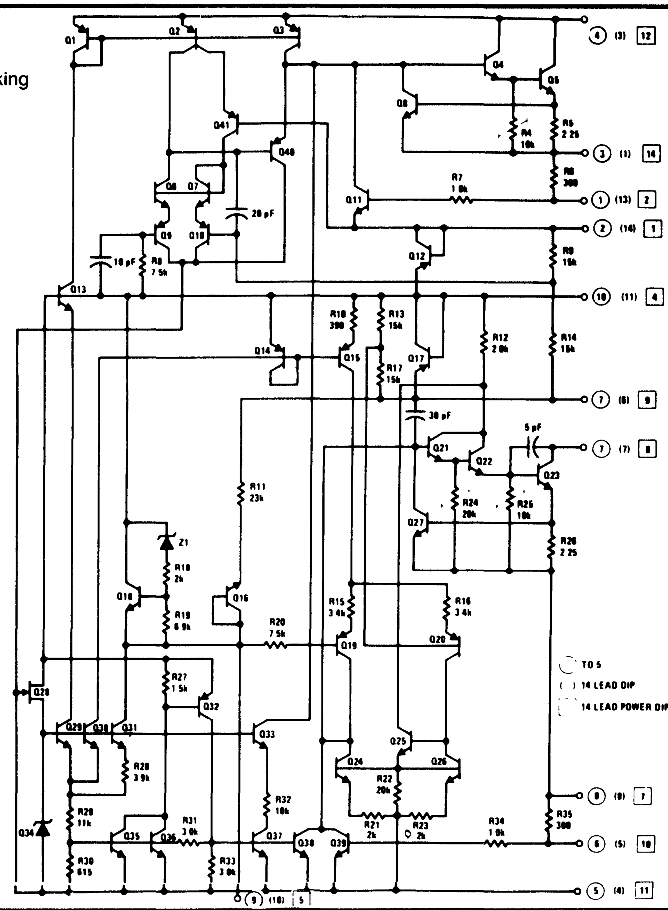
CHANGE TRANSISTORS TO NPN. REVERSE DIODE POLARITY SUPPLY VOLTAGES & PIN CONNECTIONS INTERCHANGE POSITIONS.

0LM08AX RC Timer

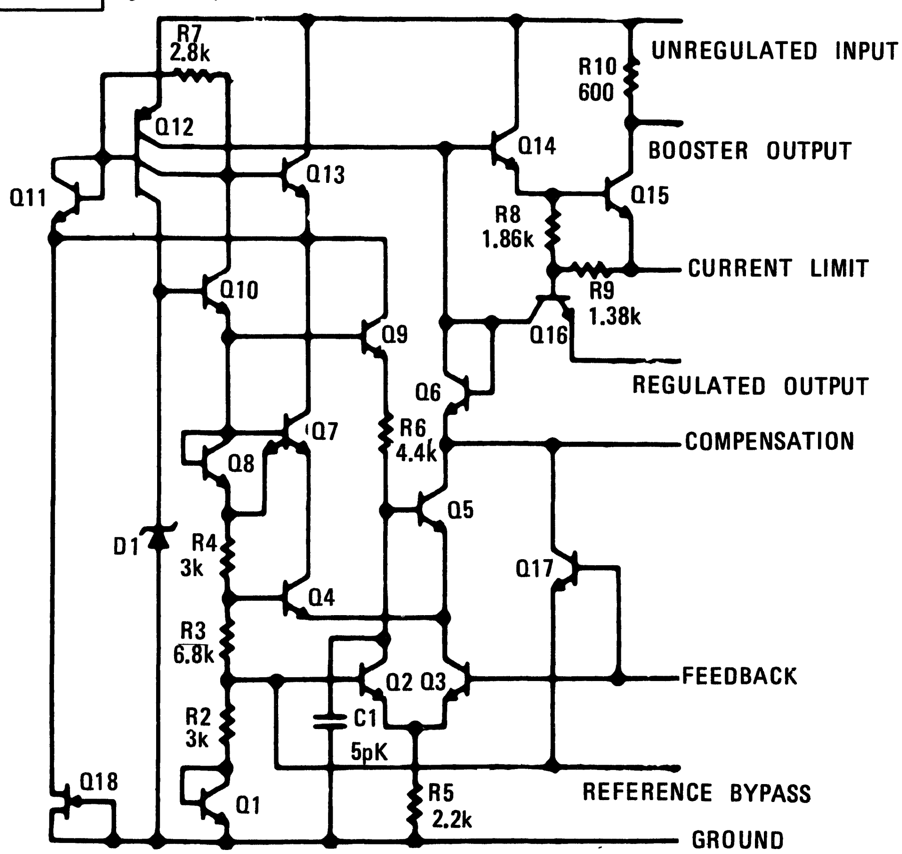


	A	B	C	D	E	F	G
CN	10	8	2	4	5	1	3
TO 84	13	11	3	5	6	2	4

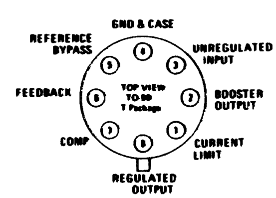
1LM25HX Dual Complementary Tracking Voltage Regulator



1LM05HX High Beta Operational Amplifier

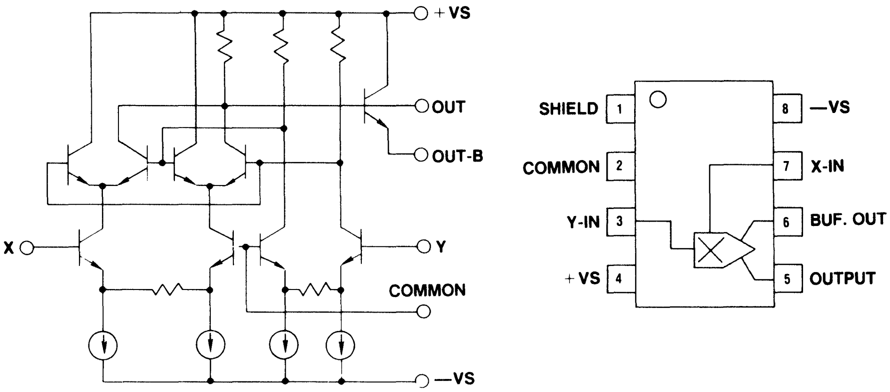


1SG05NX Positive Adjustable Voltage Regulator

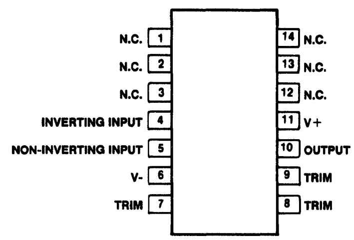


17. CIRCUIT DRAWINGS

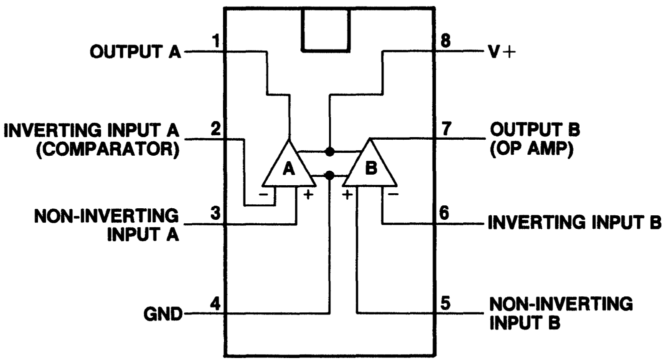
1LM09PX Four Quadrant Analog Multiplier



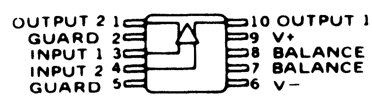
10A05JX Compensated/Nullable Operational Amplifier



1LM92HX Operational Amplifier/Voltage Comparator

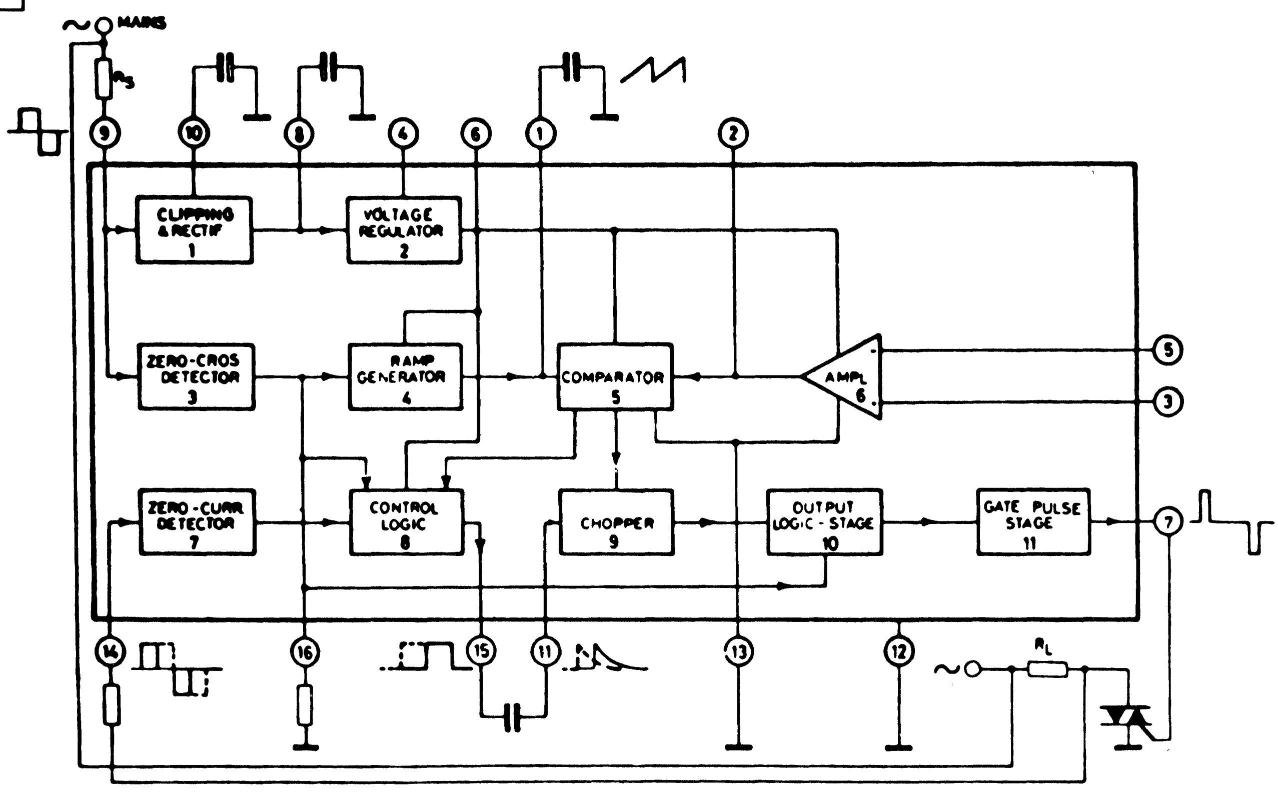


1LM21FX Precision Preamplifier – 10 pin F.P.



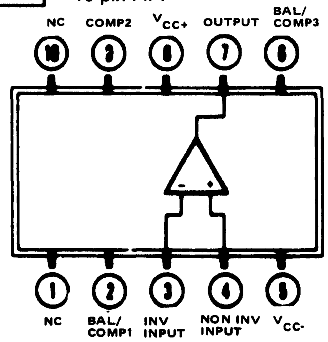
NOTE: PIN 7 - CONNECTED TO BOTTOM OF PACKAGE

1L20BX Triac/SCR Phase Control

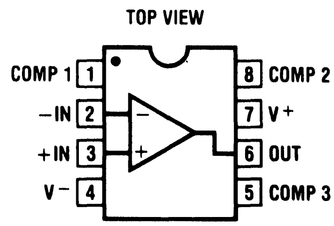


17. CIRCUIT DRAWINGS

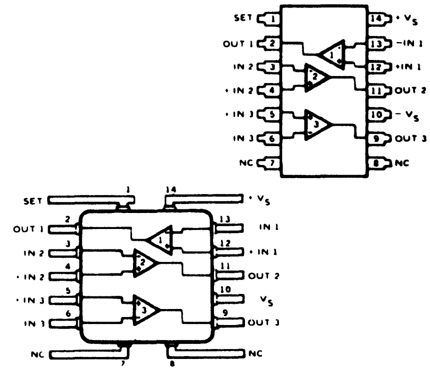
1LM18FX Single Operational Amplifier - 10 pin F.P.



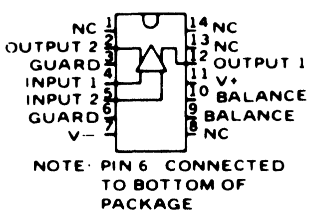
1LM18HX Single Operational Amplifier - 8 pin DIP or Can



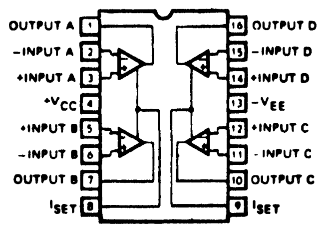
1LM44NX Triple Operational Amplifier - 14 pin DIP or F.P.



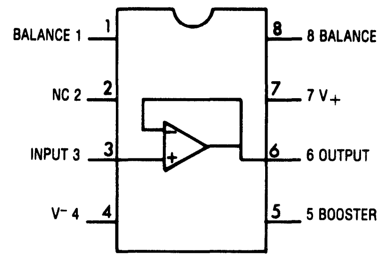
1LM21NX Precision Preamplifier - 14 pin DIP



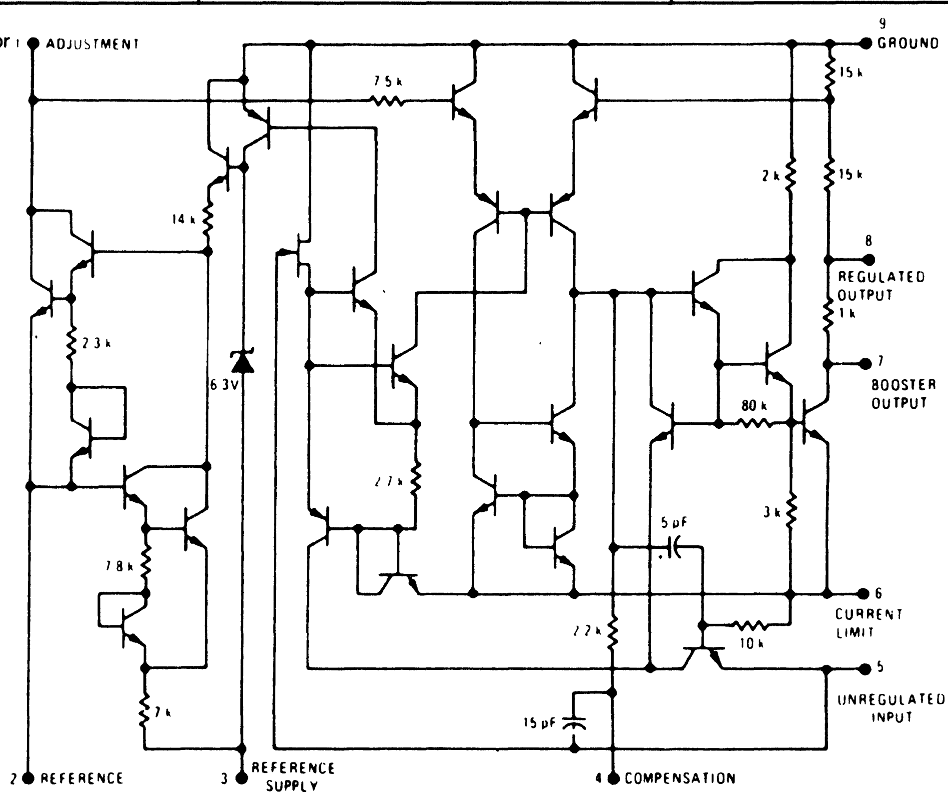
1LM46MX Quad Programmable Operational Amplifier - 16 pin DIP



1LM02HX Voltage Follower



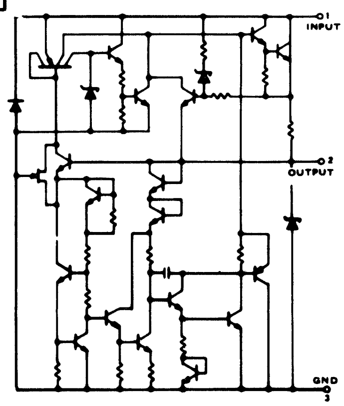
1LM04HX General Purpose Voltage Regulator



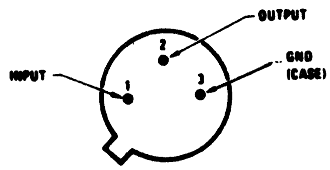
		ADJ	REF	REF SUPPLY	COMP	UNREG INPUT	CURR LIM	BOOSTER OUTPUT	REG OUTPUT	GROUND
1LM04HX	MP	2	3	5	6	9	10	11	12	13
	CN	1	2	3	4	5	6	7	8	9

17. CIRCUIT DRAWINGS

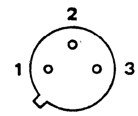
1LM09HX General Purpose 5 Volt Regulator



1LM09KX Fixed Voltage Regulator



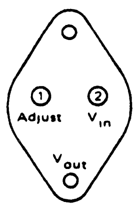
1LM17HX Adjustable Output Positive Voltage Regulator



(Bottom View)

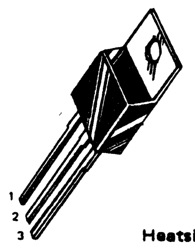
Pin 1 V_{in}
Pin 2 Adjust
Pin 3 V_{out}

1LM17KX Adjustable Output Positive Voltage Regulator



(Bottom View)

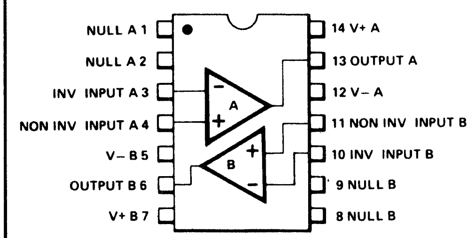
1LM17TX Adjustable Output Positive Voltage Regulator



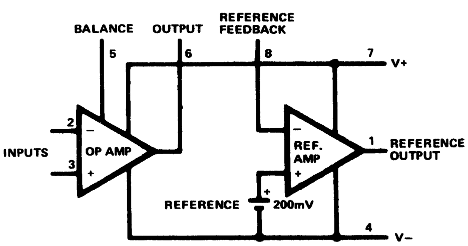
Pin 1 Adjust
Pin 2 V_{out}
Pin 3 V_{in}

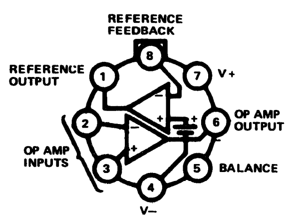
Heatsink surface connected to Pin 2

1LM0NX Dual Operational Amplifier - 14 pin DIP

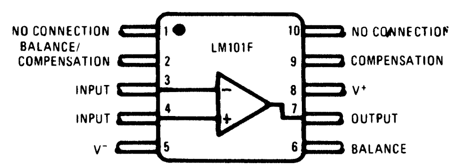


1LM0HX Operational Amplifier and Voltage Reference - 8 pin DIP or Can



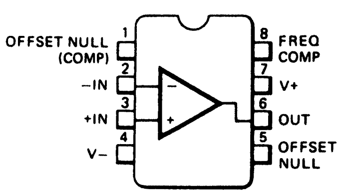


1LM01FX Single Operational Amplifier - 10 pin F.P.

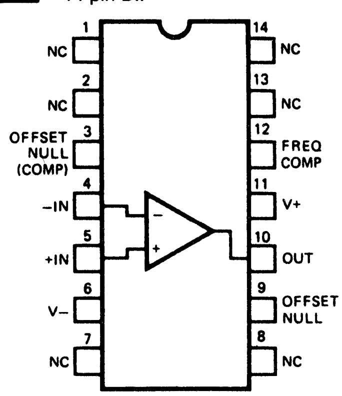


NOTE Pin 5 connected to bottom of package

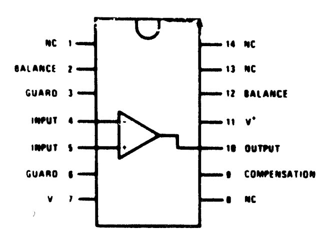
1LM01HX Single Operational Amplifier - 8 pin DIP or Can



1LM01NX Single Operational Amplifier - 14 pin DIP



1LM1NX Single Operational Amplifier - 14 pin DIP

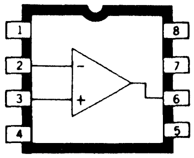


Note: Pin 7 connected to bottom of package.

17. CIRCUIT DRAWINGS

1LM02ZX

Single Operational Amplifier

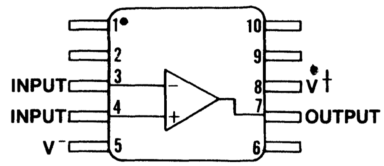


PIN NUMBERS

	1	2	3	4	5	6	7	8
1LM02ZX	BAL	NC	NON INV INP	V-	BOOST	OUT	V	BAT

1LM07FX

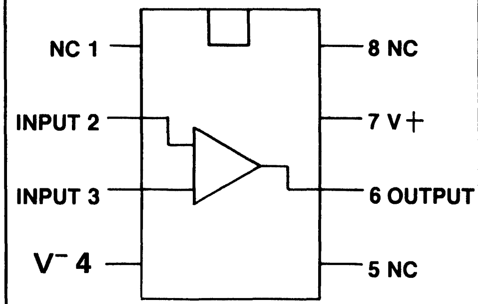
Single Operational Amplifier
- 10 pin F.P.



Note: Pin 5 connected to bottom of package.

1LM07HX

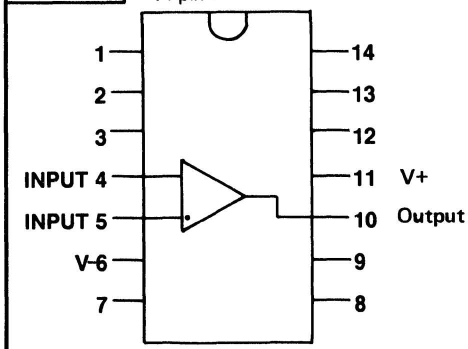
Single Operational Amplifier
- 8 pin Dip or 8 pin Can



Note: Pin 4 connected to bottom of package

1LM07NX

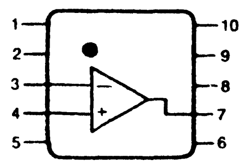
Single Operational Amplifier
- 14 pin DIP



NOTE: Pin 6 connected to bottom of package

1LM07ZX | 1LM08FX | 21LM39HX

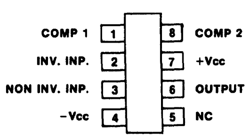
Single Operational Amplifier



	1	2	3	4	5	6	7	8	9	10
1LM07ZX	N.C	N.C	INV. INP	NON INV. INP	V-	N.C.	OUTP	V	N.C.	N.C
21LM39HX	N.C	INP LAG	INV. INP	NON INV. INP	-VS	OUT LAG	OUT	+VS	INP. LAG	N.C.
1LM08FX	N.C.	GUARD	INV. INP	NON INV. INP	GUARD	V-	OUTP	V	OUTP COMP	INP COMP

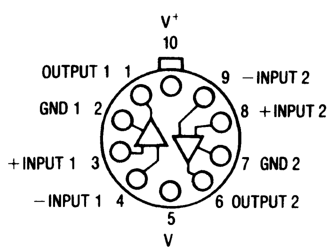
1LM08HX

Single Operational Amplifier
- 8 pin DIP or 8 pin Can



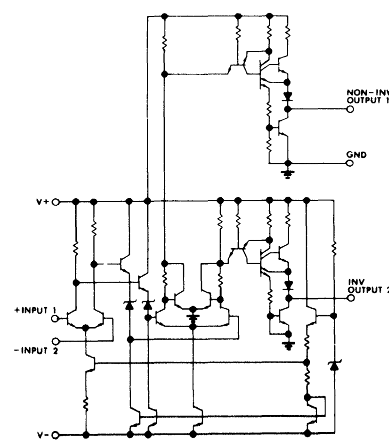
1LM19HX

Dual Comparator



1LM60HX

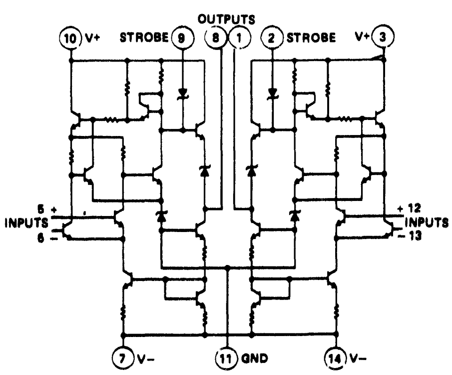
High Speed Differential Comparator



	INPUT				OUTPUT		
PKG	1	2	V-	GND	1	2	V+
CN	3	2	4	5	7	6	8
FP/MP	5	4	6	9	11	10	12

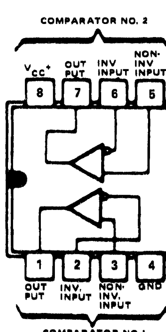
1LM61HX

Dual Differential Voltage Comparator



1LM93HX

Dual Low Power Voltage Comparator - 8 pin DIP or Can



17. CIRCUIT DRAWINGS

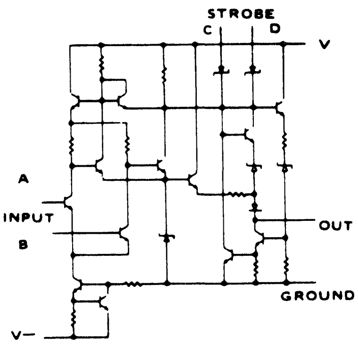
1LM06HX | 1LM06FX | 1LM06WX | 1LM06JX

Differential Comparator with Strobe – 8 pin DIP or Can

Differential Comparator with Strobe – 8 pin DIP or Can

Dual Differential Comparators with Strobe – 14 pin DIP or F.P.

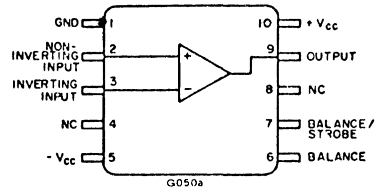
Differential Comparator with Strobe – 14 pin DIP



			INPUT		STROBE					
	PKG	CKT NO.	A	B	C	B	OUT	V+	V-	GND
1LM06HX	CN,MP		2	3	5	6	7	8	4	1
1LM06FX	FP		3	4	7	8	9	11	6	2
1LM06WX	MP	1 2	2 6	3 5	1 7	14 8	12 10	11	4	13
1LM06JX	MP		3	4	7	8	9	11	6	2

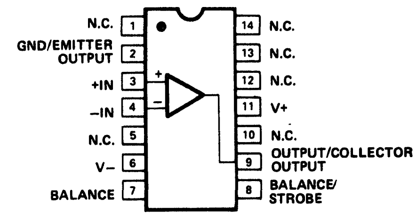
1LM11FX

Differential Voltage Comparator – 10 pin F.P.



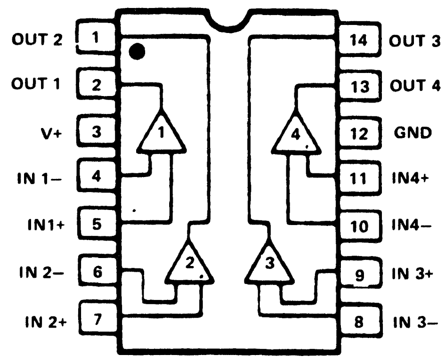
1LM11NX

Differential Voltage Comparator – 14 pin DIP



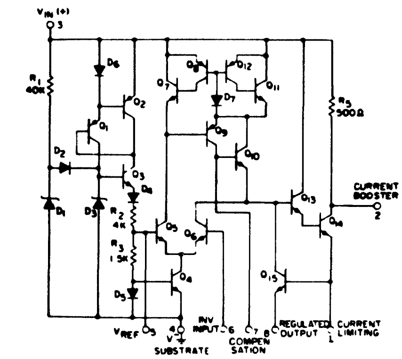
1LM39NX

Quad Voltage Comparator – 14 pin DIP



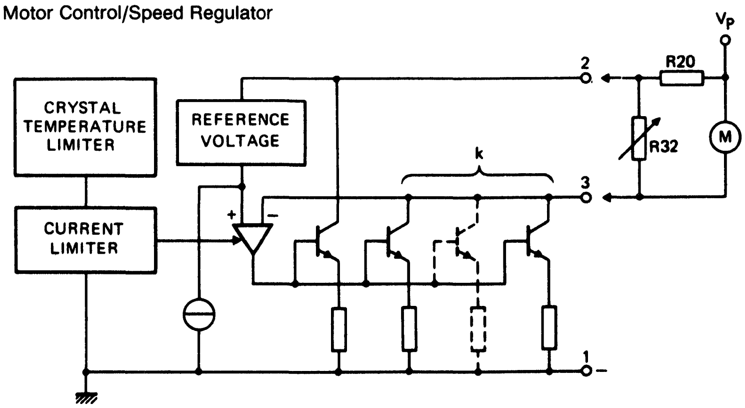
30CA55ZX

Adjustable Linear Voltage Regulator



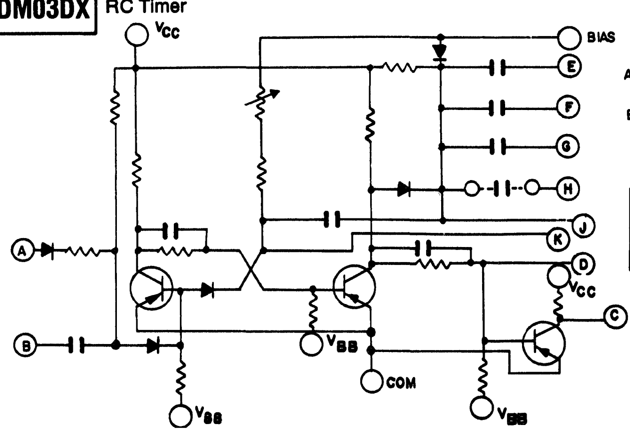
1-059

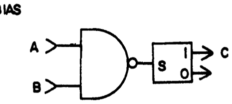
Motor Control/Speed Regulator



1DM03DX

RC Timer

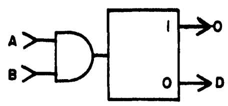




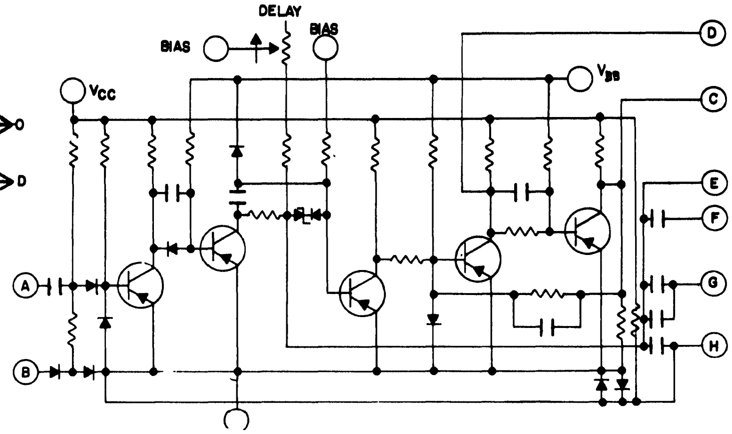
CKT	A	B	C	D	E	F	G	H	J	K
1	14	12	16	17	6	8	10	11	7	9
2	26	24	28	29	18	20	22	23	19	21
3	38	36	40	41	30	32	34	35	31	33

17. CIRCUIT DRAWINGS

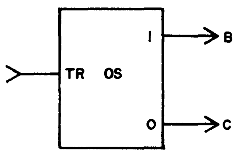
1DM02DX RC Timer

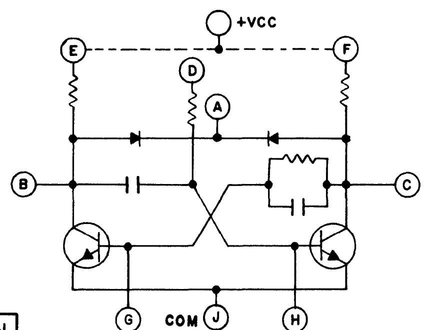


CKT NO	1	2
A	12	30
B	14	32
C	16	34
D	17	35
E	9	27
F	8	26
G	10	28
H	11	29



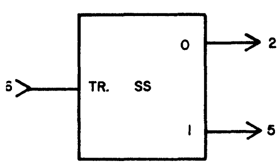
1LM6NX RC Timer

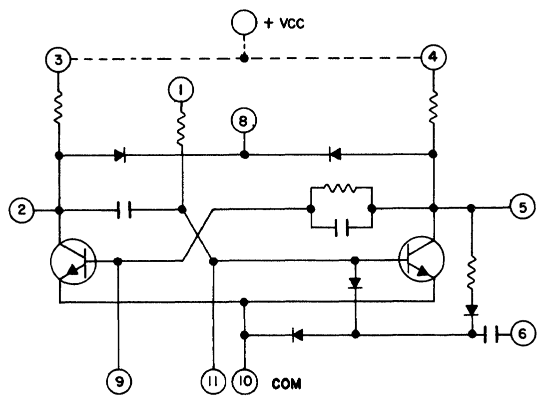




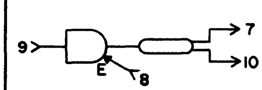
	A	B	C	D	E	F	G	H	J
CN	5	7	3	8	6	4	NC	2	1
FP8E	8	2	5	1	3	4	9	11	10

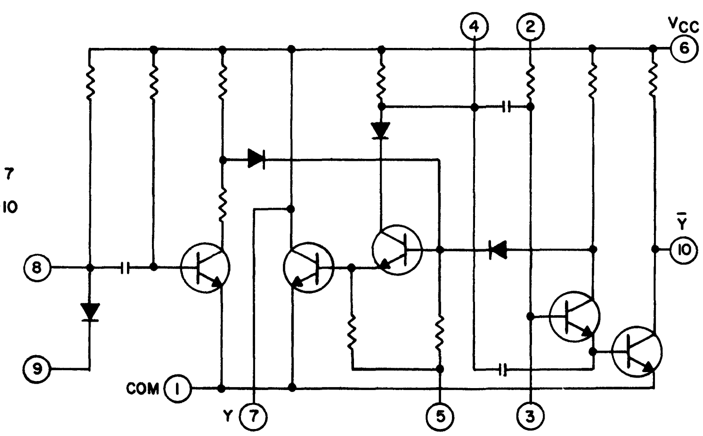
1LM8PX RC Timer





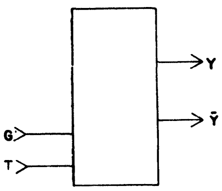
1NE60GXX RC Timer

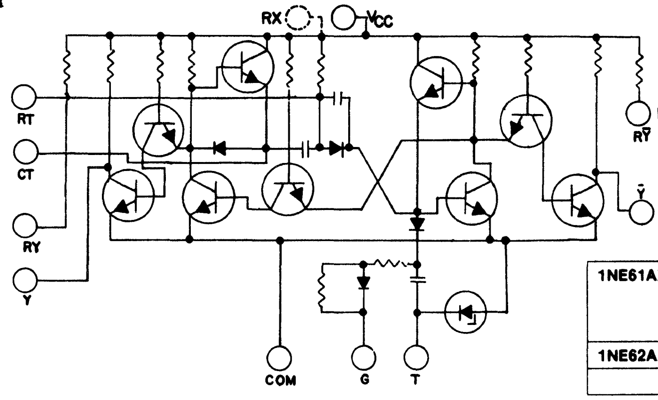




17. CIRCUIT DRAWINGS

1NE61AX | 1NE62AX — RC Timer

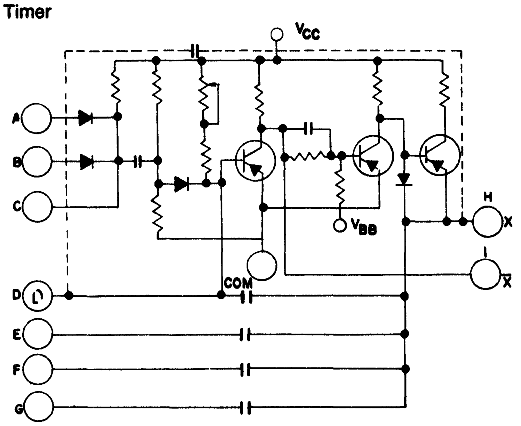


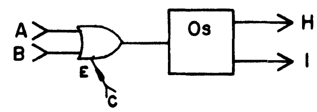


	PKG	Y	G	T	RY	RT
1NE61AX	FP	9	13	14	2	6
	MP	12	3	4	7	9
	CN	10	2	3	5	7
1NE62AX	MP	4	9	10	12	1
	FP	9	13	14	2	6

	PKG	Y	CT	RY	COM	V_{CC}	RX
1NE61AX	FP	1	7	8	11	4	
	MP	5	10	11	1	8	
	CN	4	8	9	1	6	
1NE62AX	MP	8	2	3	7	14	13
	FP	1	7	8	11	4	3

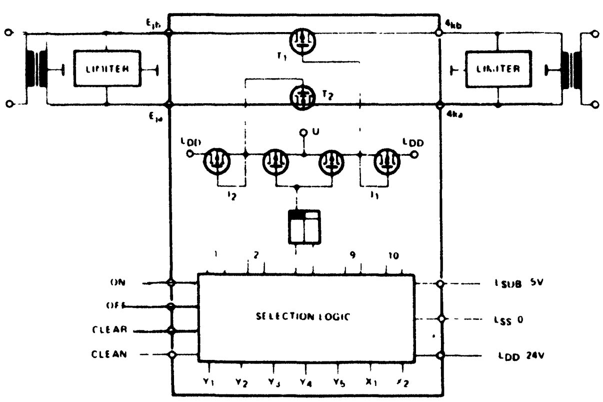
1SX01LX — RC Timer





CKT NO.	A	B	C	D	E	F	G	H	I
1	4	5	6	8	10	12	14	16	7
2	32	31	30	28	26	24	22	20	29

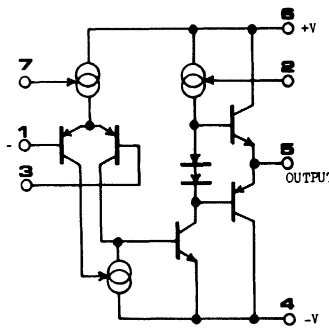
1U45MX — Cross Point Switch



17. CIRCUIT DRAWINGS

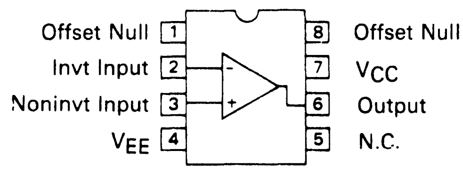
2LM06HX

Single Operational Amplifier
- 8 pin DIP or Can



2LM7HX

Single Operational Amplifier
- 8 pin DIP or 8 pin Can



2SA05ZX

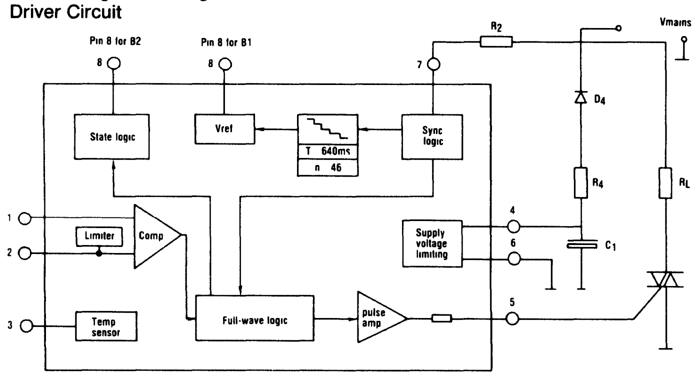
Staircase Voltage Generator

Pin connections

Pin-No	Connection	Frequency
1	V_{DD}	
2	f_i	
3	mode	
4	V_{SS}	
5	V_{GG}	
6	output Q_1	f_i
7	output Q_2	$f_i/2$
8	output Q_3	$f_i/4$
9	output Q_4	$f_i/8$
10	output Q_5	$f_i/16$
11	output Q_6	$f_i/32$
12	output Q_7	$f_i/64$
13	output Q_8	$f_i/128$
14	output Q_9	$f_i/256$

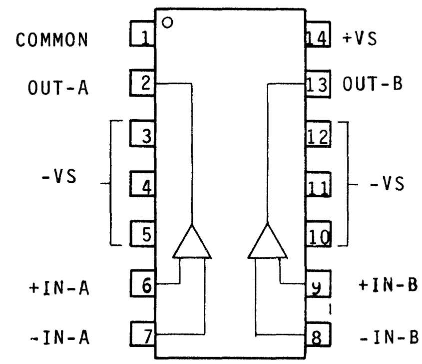
2U63BX

Zero Voltage Switching Triac Driver Circuit



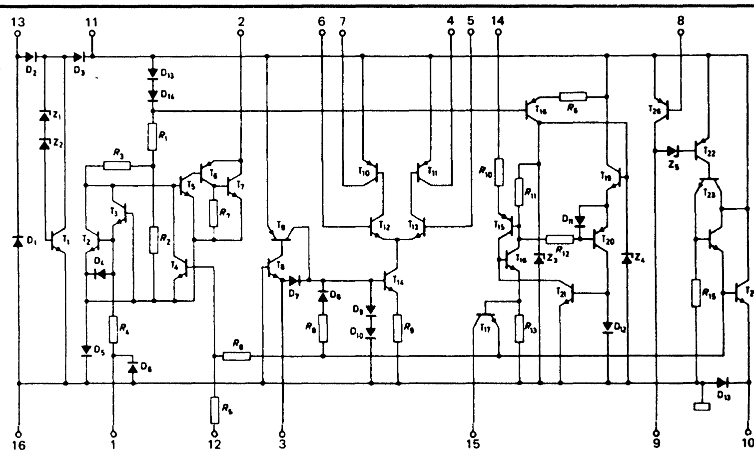
2LM08JX

Dual Operational Amplifier
- 14 pin DIP



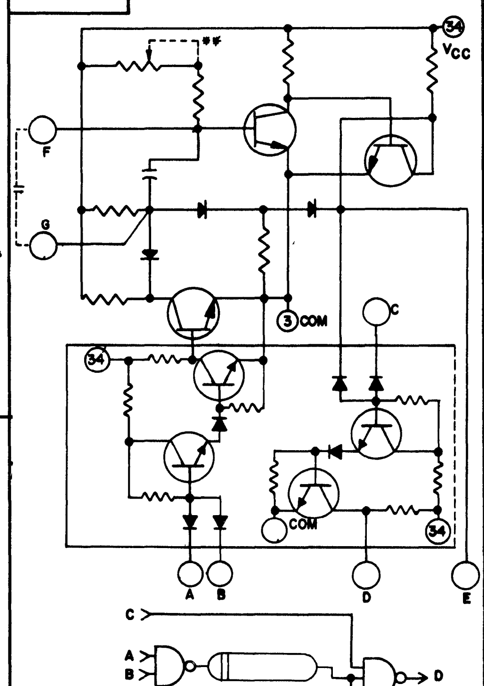
2TA80ZX

Triggering Stage for Triac Control



2M19ZX

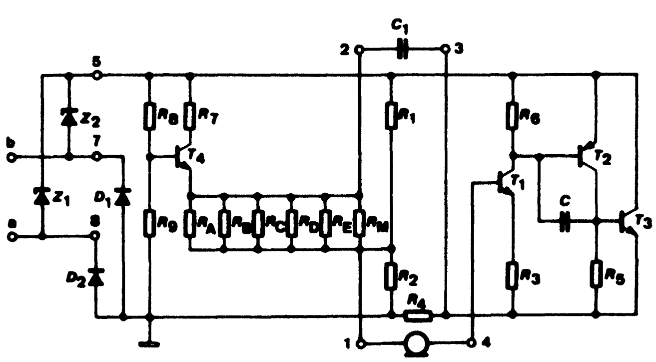
RC Timer



CKT NO	A	B	C	D	E	F	G
1	9	10	7	8	6	4	5
2	11	12	14	13	17	15	16
3	24	26	21	22	19	18	20
4	27	28	30	29	33	31	32

2L042AX

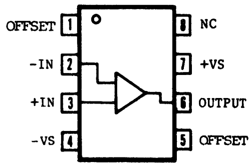
Telephone Microphone Amp



17. CIRCUIT DRAWINGS

3MA33HX | 3MA27HX

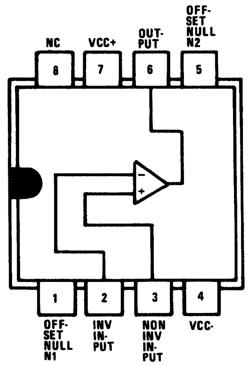
Single Operational Amplifier
- 8 pin DIP or Can



3MA27HX = Pin 5 = C - Noise
Pin 8 = Offset

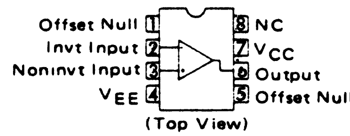
3LM43H

Single Operational Amplifier
- 8 pin DIP or Can



3LM56HX

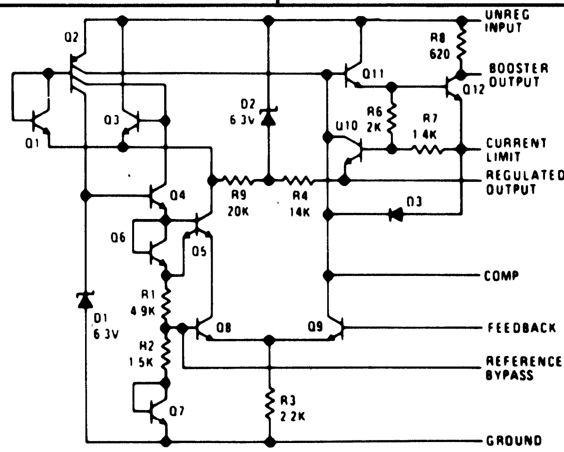
Single Operational Amplifier



3LM00GX

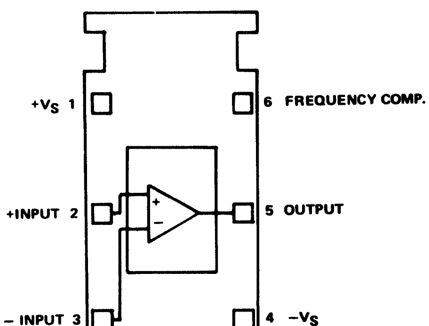
General Purpose Voltage Regulator

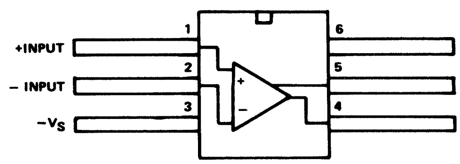
PKG	IN	BOOST OUT	ILIM	OUT	COMP	FB	REF	GND
CN	3	2	1	8	7	6	5	4
FP	3	2	9	8	7	6	5	4
MP	4	3	12	11	10	8	` 7	5



3TC11GX

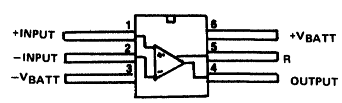
Single Uncompensated Operational Amplifier





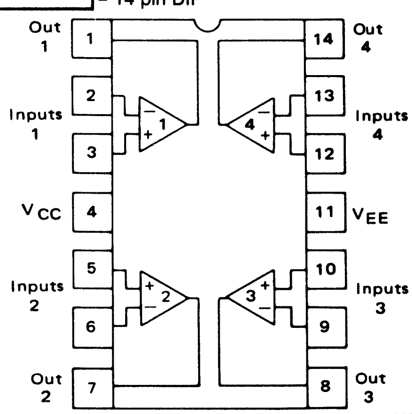
3TC11WX

Single Operational Amplifier
- 6 pin F.P.



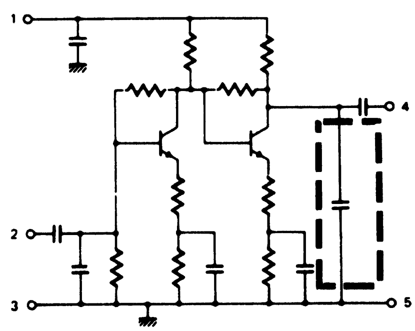
3LM24NX

Quad Operational Amplifier
- 14 pin DIP



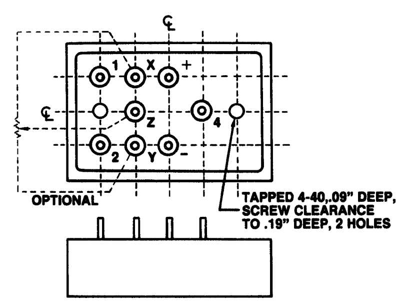
3LM22ZX

UHF/VHF Broadband Amplifier



30ML14ZX

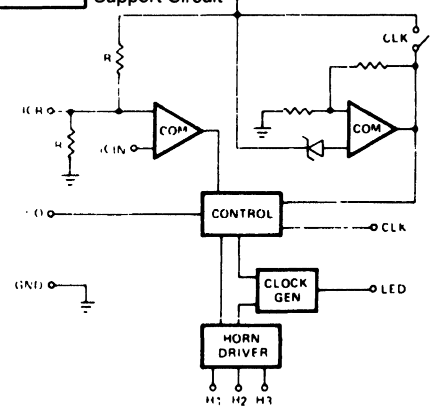
Single Operational Amplifier



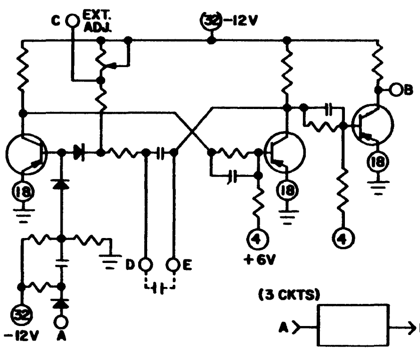
3AM03AX Single Operational Amplifier

PIN	FUNCTION
1	Inverting Input
2	Trim
3	V+
4	Output
5	COM
6	V-
7	Trim
8	Non-Inverting Input
9	Trim (Wiper)

3AO Ionization Chamber Detector/ Support Circuit

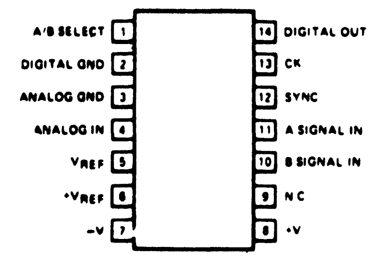


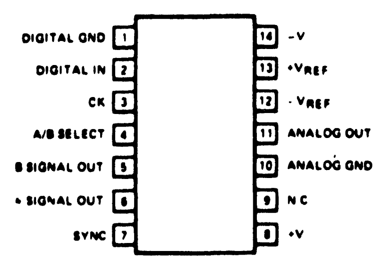
3LM02GX RC Timer



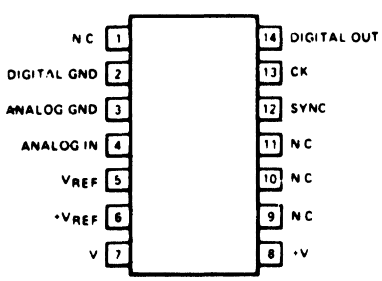
TERM / CKT	A	B	C	D	E
1	7	1	8	2	6
2	16	10	17	11	15
3	31	25	34	26	30

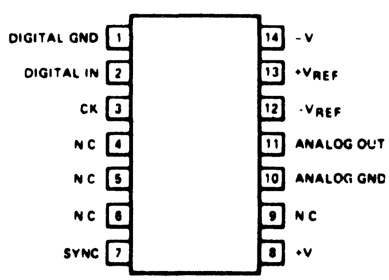
3LM24CX U-255 Law CODEC Pair



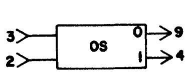


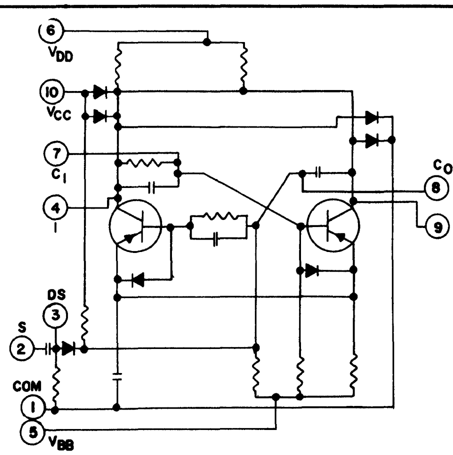
3LM41CX A-Law CODEC Pair





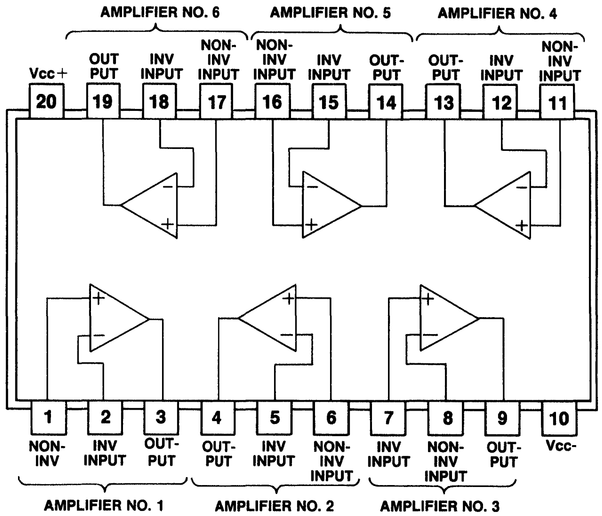
3K25ZX RC Timer



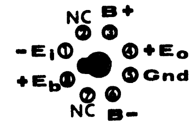


17. CIRCUIT DRAWINGS

3TL26JX — HEX Operational Amplifier



4LM15ZX — Single Operational Amplifier

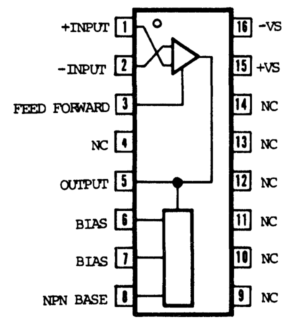


STD. OCTAL BASE PLUG

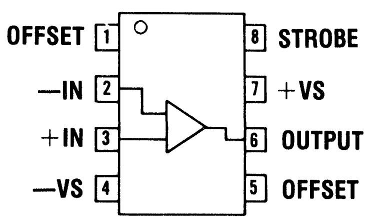
CONNECTIONS
(Base)

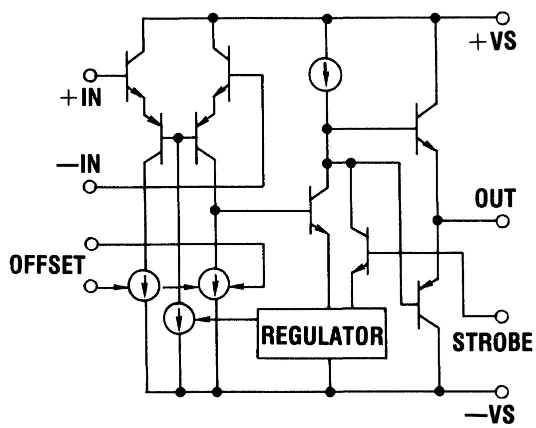
N.C.= No Internal Connection, may be used as tie point

4LM01JX — Single Op Amp with Feed Forward – 16 pin DIP

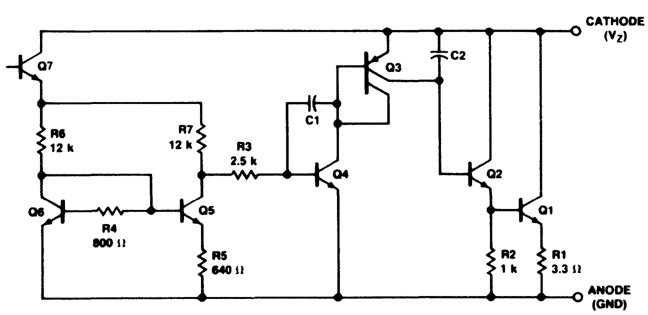


4LM04PX — Analog Comparator

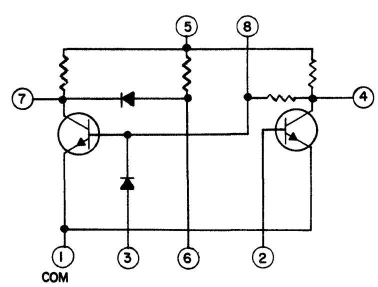




4LM31HX — Adjustable Voltage Regulator

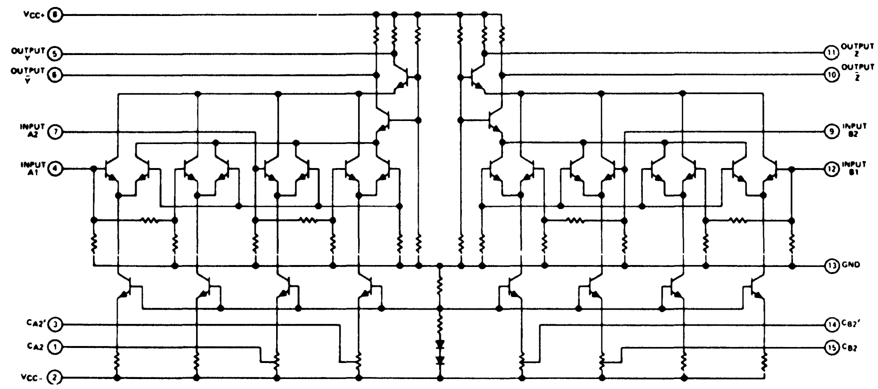


4LM12LX — RC Timer

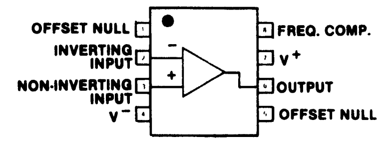


17. CIRCUIT DRAWINGS

4TL41NX Logarithmic Amplifier

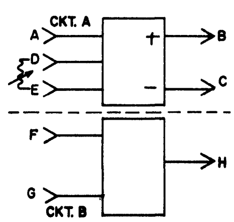


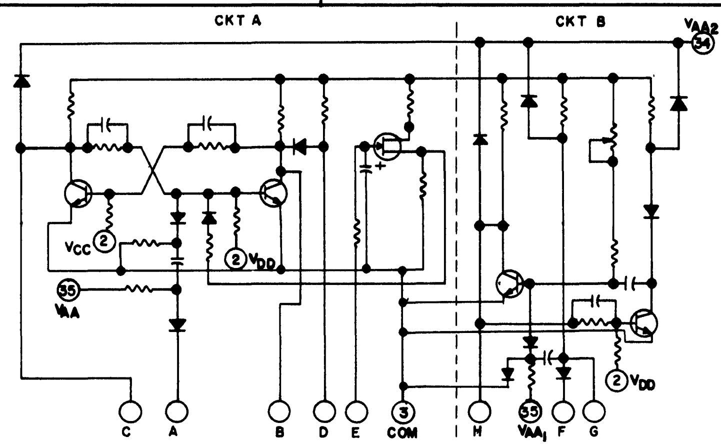
5LM31HX Single Operational Amplifier - 8 pin DIP or Can



4M12AX RC Timer

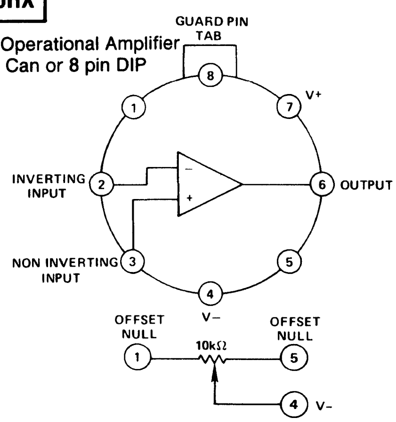
CKT. NO.	A	B	C	D	E	F	G	H
1	10	8	5	6	4	15	16	14
2	28	29	32	30	33	25	26	24



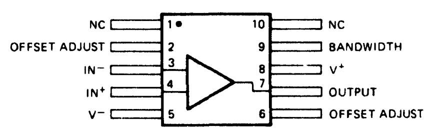


5LM15HX

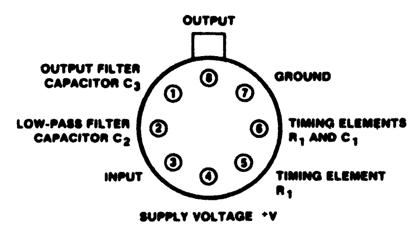
Single Operational Amplifier - 8 pin Can or 8 pin DIP



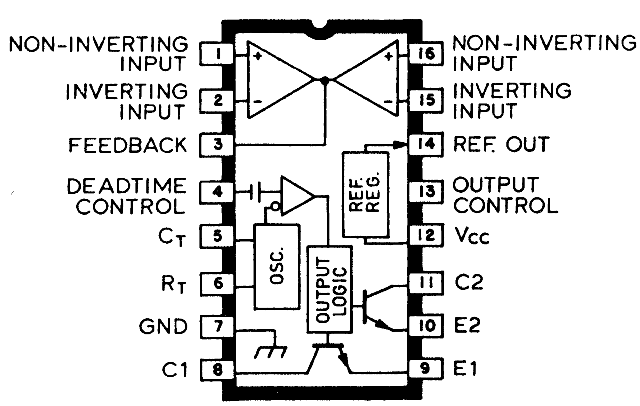
5LM31FX Operational Amplifier - 10 pin F.P.



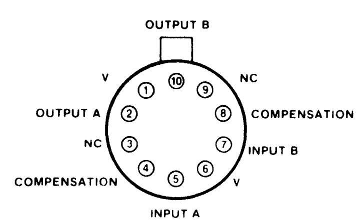
5-67t Tone Decoder/PLL



5TL94JX Switched-Mode Power Supply Control Circuit

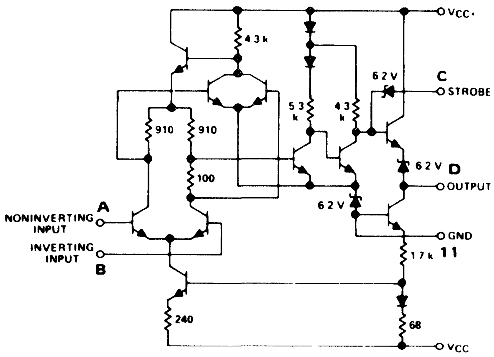


5LM15GX Differential Amplifier



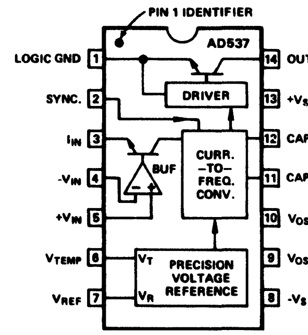
17. CIRCUIT DRAWINGS

5LM14JX — Dual Differential Comparator with Strobe

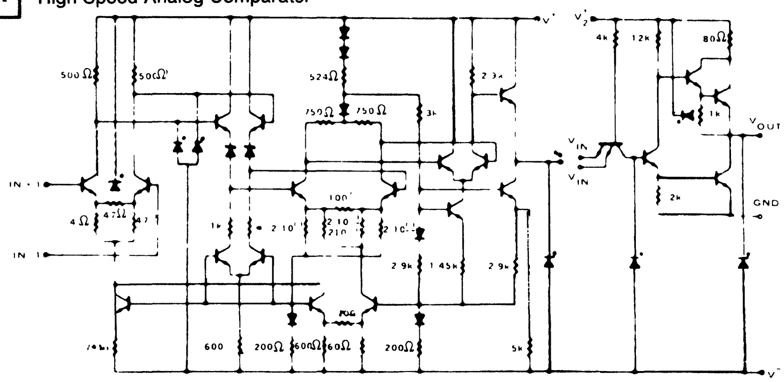


	CKT	A	B	C	D	VCC	VCC-
5LM14JX	1	12	13	2	1	3	14
	2	5	6	9	8	10	7

5AD37DX — Voltage to Frequency Converter

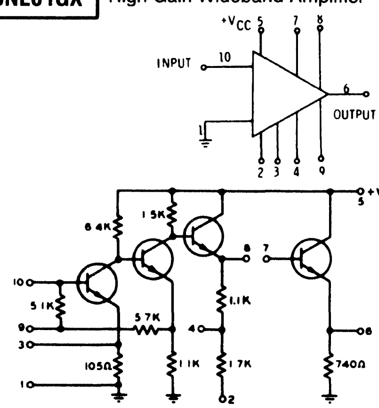


5NE26GX — High Speed Analog Comparator



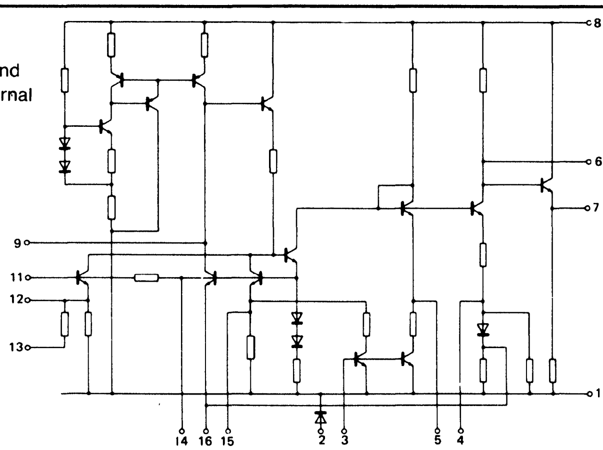
NOTES COMPONENT VALUES ARE TYPICAL
*ISOLATION DIODES

5NE01GX — High Gain Wideband Amplifier

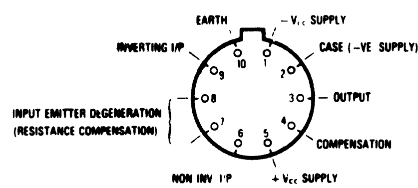


5SL50GX

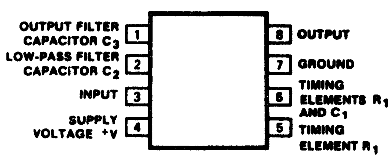
Low Noise Wideband Amplifier with External Gain Control



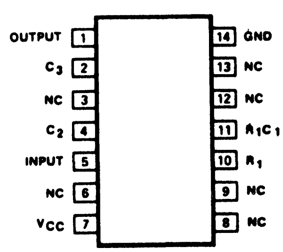
5LM41ZX — High Speed Video Amplifier – 10 pin Can



5-67f — Tone Decoder/PLL

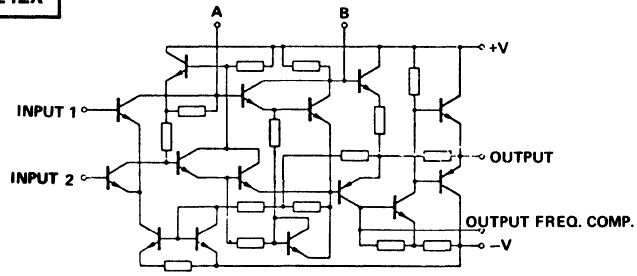


5-67n — Tone Decoder/PLL



5LM22ZX 5LM21ZX

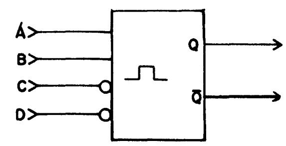
Single Operational Amplifier



	IN 1	IN 2	A	B	+V	OUT	OUT FREQ. COMP.	-V
5LM22ZX	2	3	1	8	7	6	5	4
5LM21ZX	3	4	2	9	8	7	6	5

5LM40AX

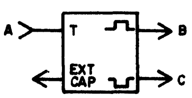
RC Timer



CKT. NO.	A	B	C	D	Q	Q̄
1	9	10	7	8	4	11
2	14	13	15	16	19	12

5LM05UX

RC Timer

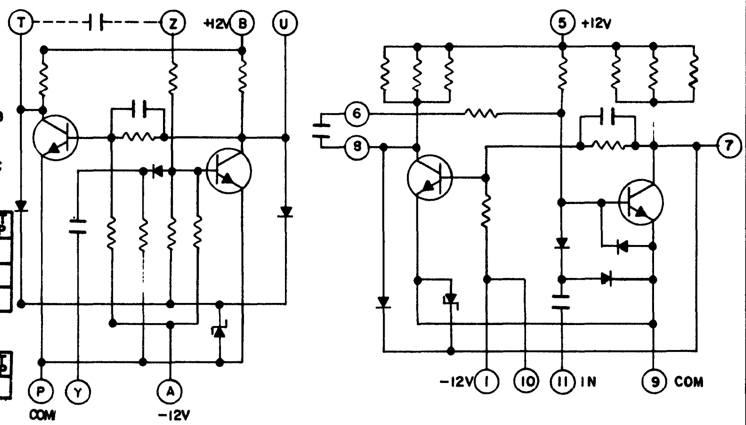


J0519

CKT NO	A	B	C	EXT CAP
1	F	E	D	D
2	M	K	J	N
3	Y	U	T	Z

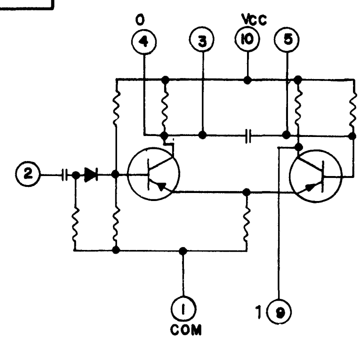
J0519A

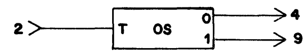
CKT NO	A	B	C	EXT CAP
1	11	7	8	6



5K25ZX

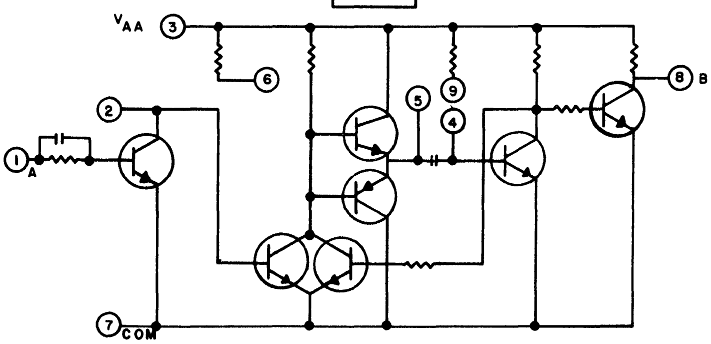
RC Timer





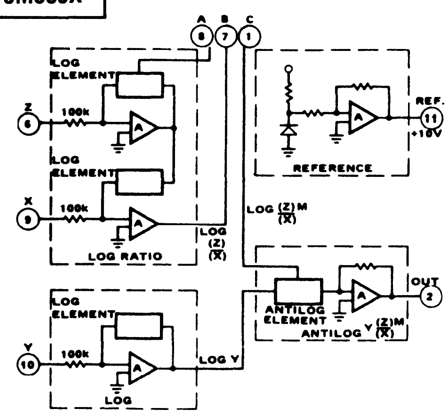
5LM18SX

RC Timer



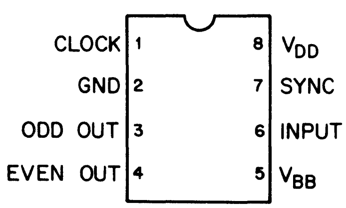
5M30JX

Analog Multiplier/Divider



5SA12DX

Sampled Analog Delay Line
- 8 pin DIP or Can



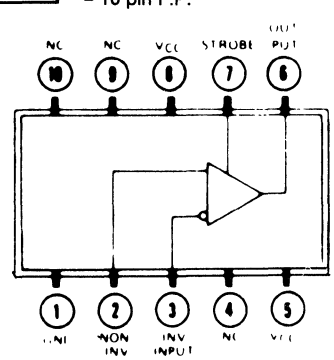
5M40JX

Analog Multiplier/Divider

PIN	
1	Y1
2	+15V
3	Z
4	OUT
5	−15V
6	X1
7	X2
8	COM.
9	Vos
10	Y2

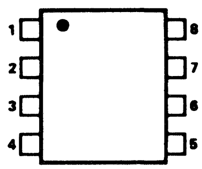
5LM10FX

High Speed Comparator
- 10 pin F.P.



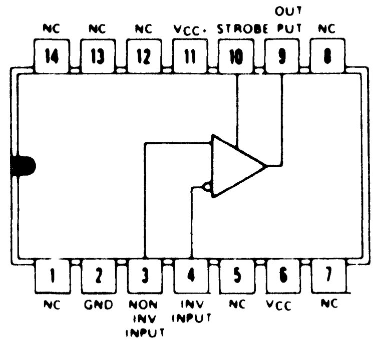
17. CIRCUIT DRAWINGS

5NE33VX Single Operational Amplifier

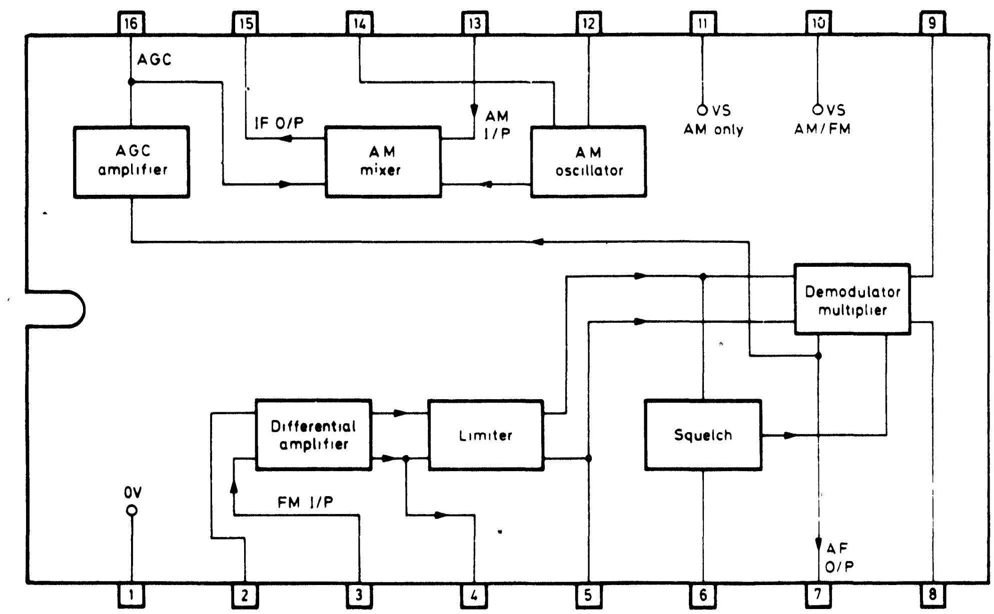


1. Compensation
2. Inverting Input
3. Noninverting Input
4. V⁻
5. Compensation
6. Output
7. V⁺
8. R set

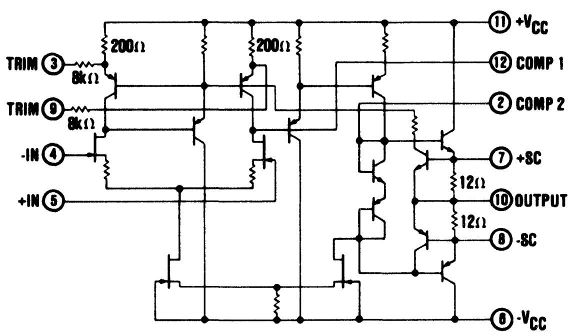
5LM10JX High Speed Comparator – 14 pin DIP



5SL21AX Bipolar Wideband Amplifier

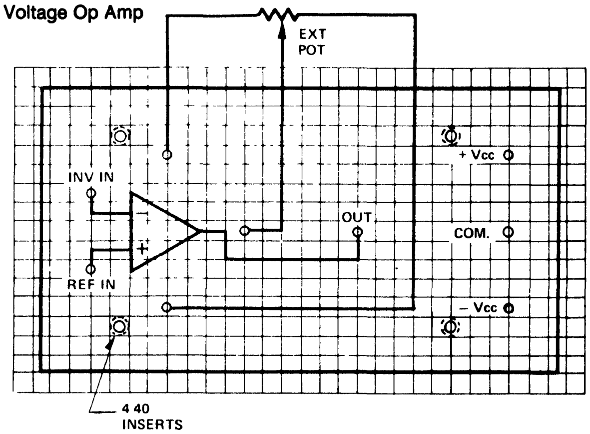


6LM05ZX Wideband-Fast Settling Operational Amplifier

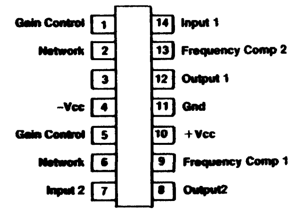


17. CIRCUIT DRAWINGS

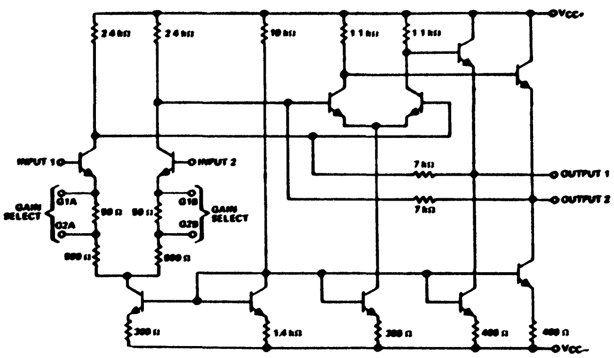
6SA0AX High Voltage Op Amp



7LM23W Differential Amplifier

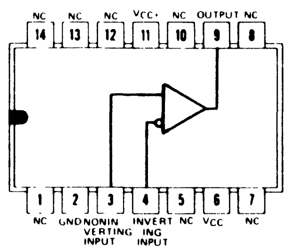


7LM33UX Selectable Gain Differential Amplifier – 10 pin F.P.

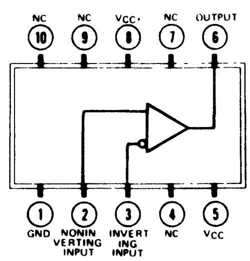


	PKG	GAIN SELECT 1A	2A	1B	2B	INPUT 1	2	OUTPUT 1	2	V+	V-
7LM33UX	FF	3	2	8	9	1	10	5	6	7	4

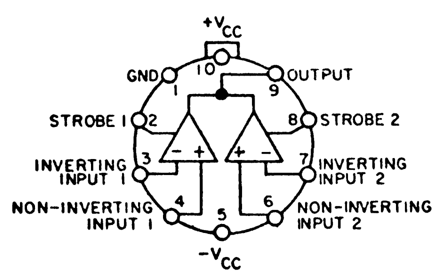
7LM10N Differential Comparator



7LM10F Differential Comparator

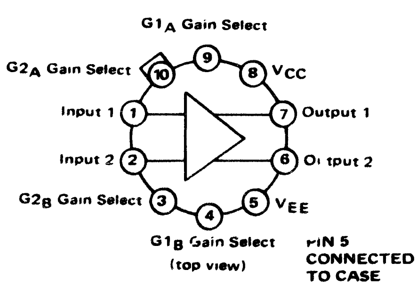


7LM11HX Dual Comparator – 10 pin Can

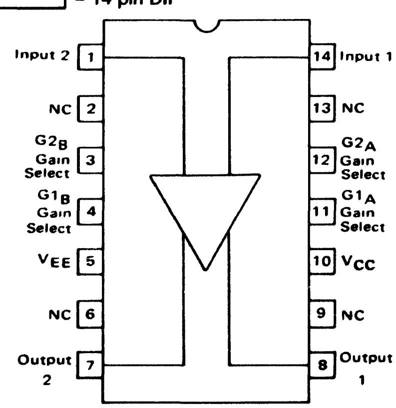


NOTE: Pin 5 connected to case.

7LM33HX Selectable Gain Differential Amplifier – 10 pin Can

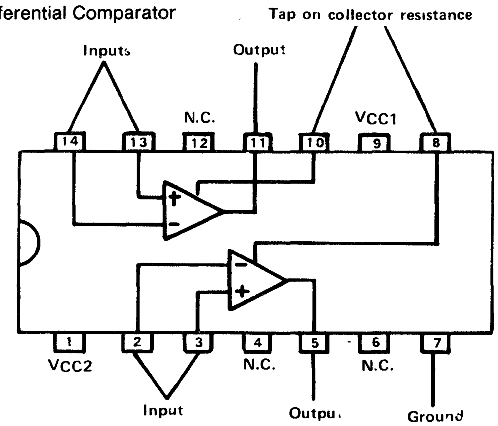


7LM33JX Selectable Gain Differential Amplifier – 14 pin DIP

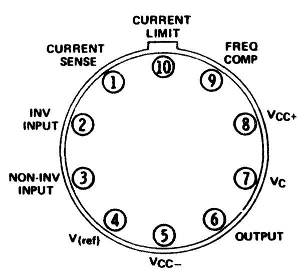


17. CIRCUIT DRAWINGS

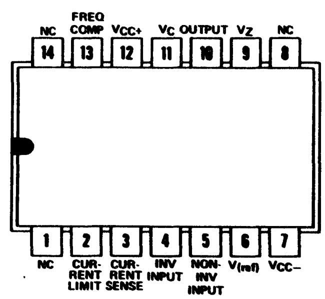
7LM34HX Dual Differential Comparator



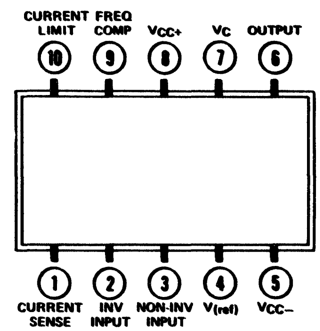
7LM23H Voltage Regulator



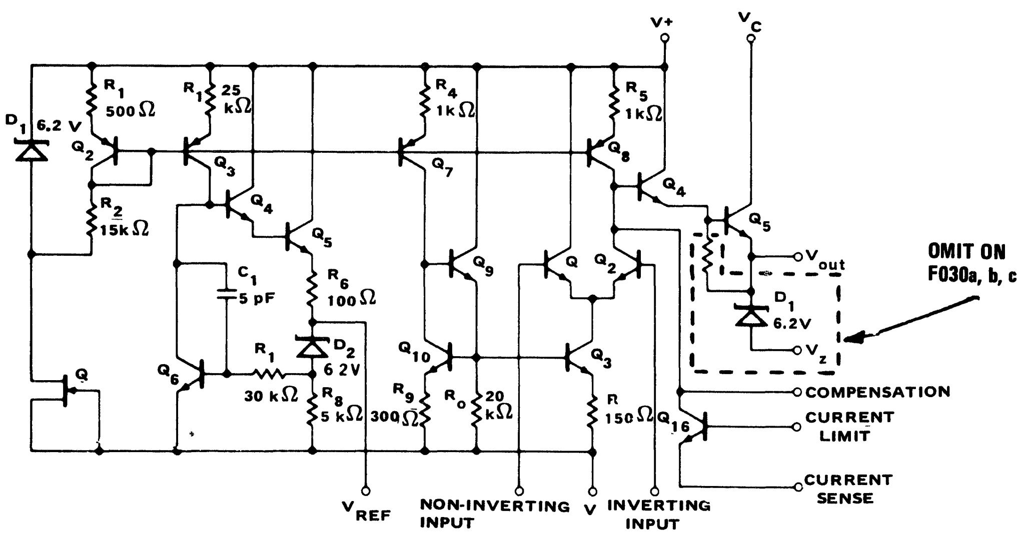
7LM23N Voltage Regulator



7LM23U Voltage Regulator



7LM23AX General Purpose Voltage Regulator

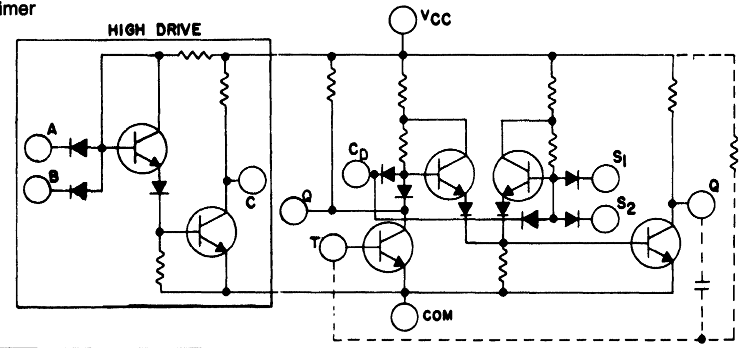


	PKG	CURRENT SENSE	INV IN	NON INV IN	VREF	V-	V2	VOUT	VC	V	FREQ COMP	CUR LIMIT	NC
7LM23AX	MP	3	4	5	6	7	9	10	11	12	13	2	1,8,14

* – CONNECTED TO CASE

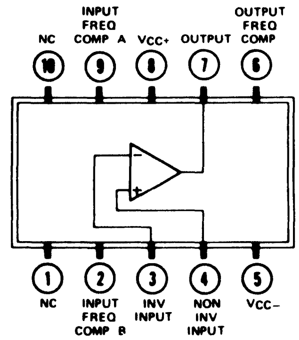
17. CIRCUIT DRAWINGS

7M28DX RC Timer

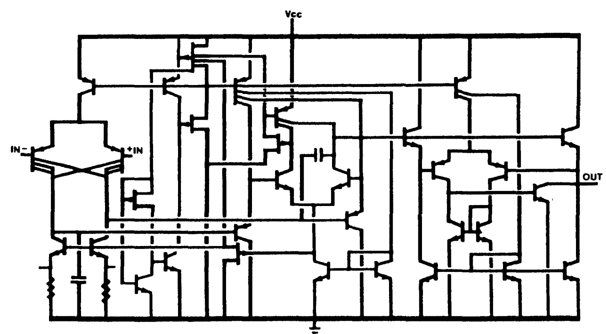


	A	B	C	S_1	S_2	C_D	Q	$\bar{Q}$	VCC	COM
FP	2	3	4	11	10	12	13	9	14	7
CN	1	2	3	9	8	10	11	7	12	6

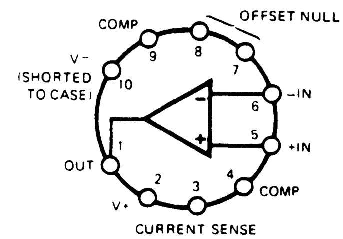
7LM09F Operational Amplifier



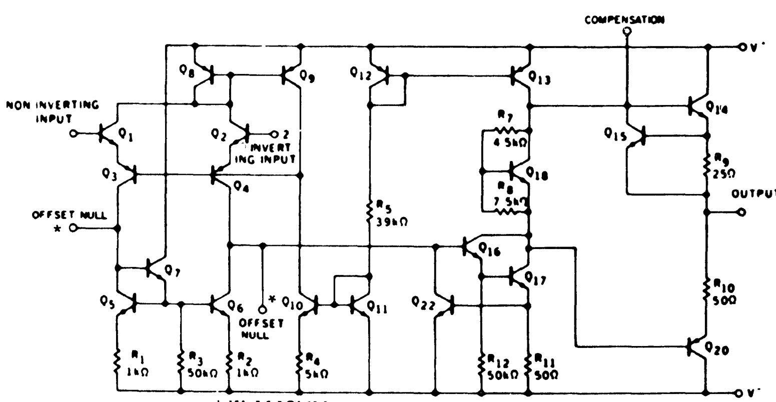
7LM00ZX Operational Amplifier



7LM91NX Single Operational Amplifier



7LM48HX | **7LM48NX** | **7LM48FX**



* 7LM48HX - OMIT OFFSET NULL.

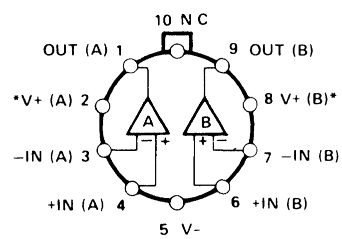
		CKT	V+	V-	INPUT INV	INPUT NON INV	OFFSET NULL 1	OFFSET NULL 2	OUT	COMP
7LM48HX		1	7	4	2	3	5	1	6	8
7LM48NX	CN or MP	1	7	4	2	3	1	5	6	8
	MP or to 116	1	11	6	4	5	3	9	10	12
7LM48FX	FP	1	8	5	3	4	2	6	7	9

7LM48HX Single Operational Amplifier - 8 pin DIP or 8 pin Can

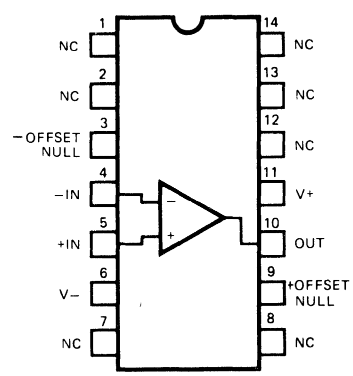
7LM48NX Single Operational Amplifier - 14 pin DIP

7LM48FX Single Operational Amplifier - 10 pin F P

7LM47HX Dual Operational Amplifier - 10 pin Can



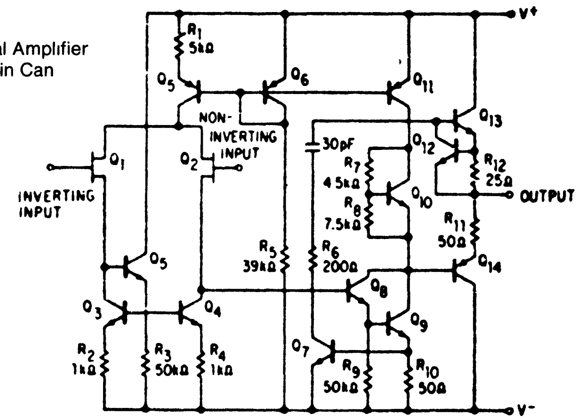
7LM41J Single Operational Amplifier - 14 pin DIP



17. CIRCUIT DRAWINGS

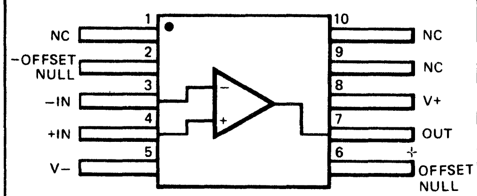
7LM40HX

Single Operational Amplifier
- 8 pin DIP or 8 pin Can



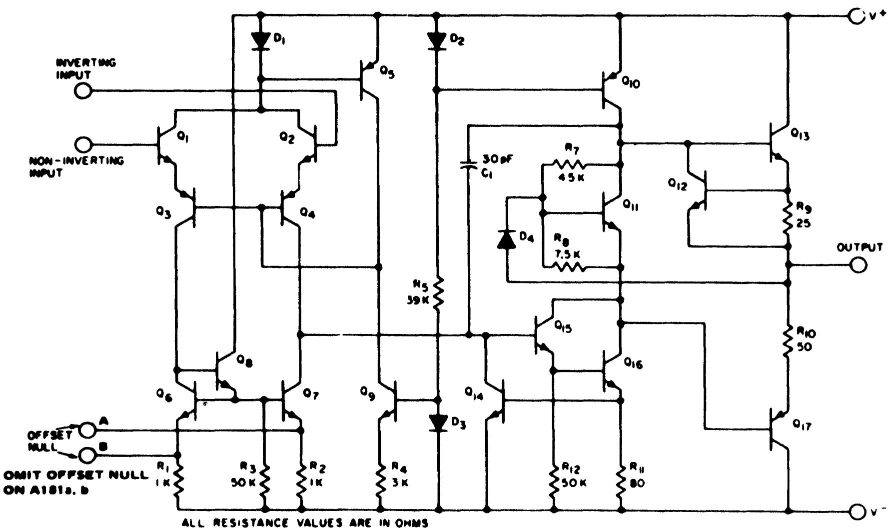
7LM41F

Single Operational Amplifier
- 10 pin F.P.



7LM47FX

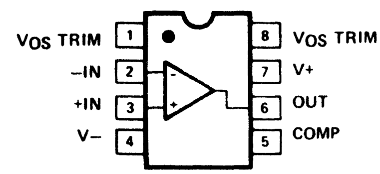
Dual Operational Amplifier



	CKT NO.	INVERT INP.	NON INV. INP	OFFSET A	NULL B	OUTPUT	V+	V-
7LM47FX	1	1	2	3	5	12	13	4
	2	7	6	14	8	10	9	4

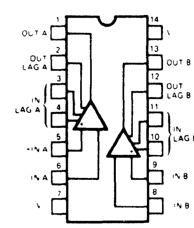
7LM25HX

Single Operational Amplifier
- 8 pin DIP or 8 pin Can

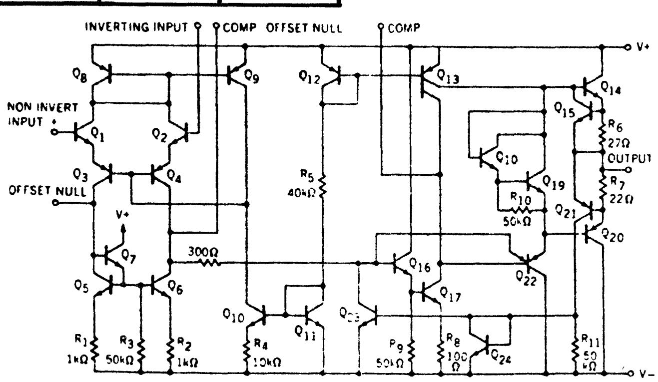


7LM39DX

Dual Operational Amplifier
- 14 pin DIP



7LM77FX | 7LM77HX | 7LM77NX



7LM77FX Single Operational Amplifier
- 10 pin F P

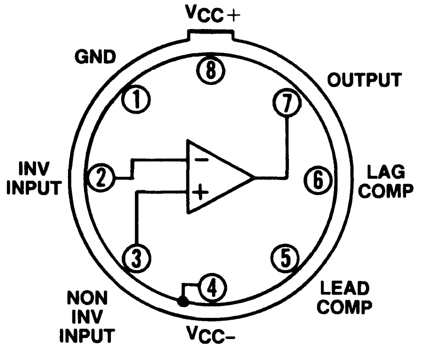
7LM77HX Single Operational Amplifier
- 8 pin DIP or 8 pin Can

7LM77NX Single Operational Amplifier
- 14 pin DIP

	PKG	INV INF	NON INV INF	OFFSET NULL	COMP OFFSET NULL	CON	OUTPUT	V-	V+
7LM77FX	FP	3	4	6	2	9	7	5	8
7LM77HX	FP, CN	2	3	5	1	8	6	4	7
7LM77NX	MP	4	5	9	3	12	10	6	11

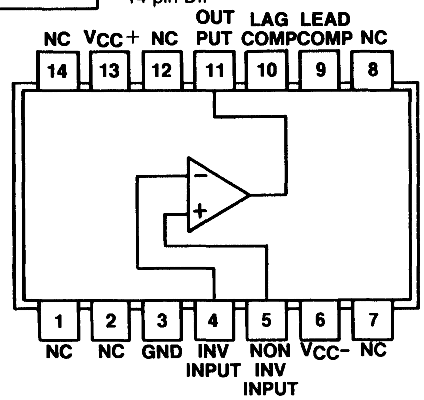
17. CIRCUIT DRAWINGS

7LM02HX Single Operational Amplifier
- 8 pin DIP or 8 pin Can

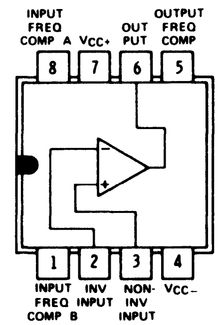


PIN 4 IS IN ELECTRICAL CONTACT WITH THE CASE

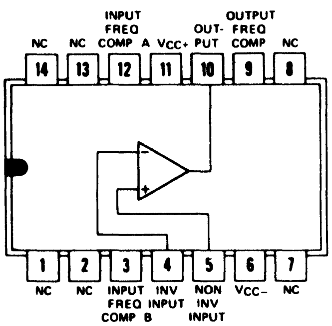
7LM02NX Single Operational Amplifier
- 14 pin DIP



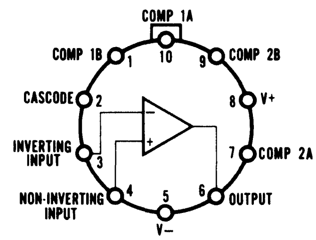
7LM09H Operational Amplifier



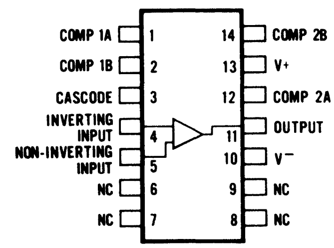
7LM09N Operational Amplifier



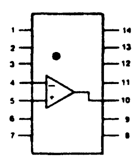
7LM15HX Single Operational Amplifier
- 10 pin FP or 10 pin Can



7LM15NX Single Operational Amplifier
- 14 pin DIP

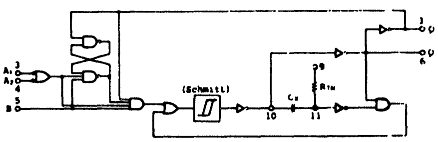


7LM25NX **1LM08NX** Single Operational Amplifier
- 14 pin DIP

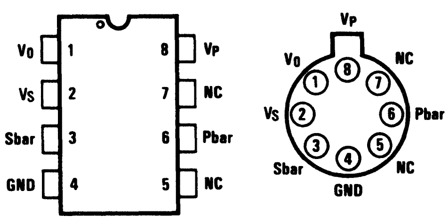


7LM25NX	N.C.	N.C.	VOS TRIM	INV INP.	NON INV. INP	V-	N C.	N.C	COMP	OUTP	V	VOS TRIM	N.C	N.C
1LM08NX	N.C	OFF ADJ	GUARD	IN-	IN+	GUARD	V-.	N C-	N.C	OUT	V+	OFF ADJ.	N.C	N.C

74L121ZX RC Timer

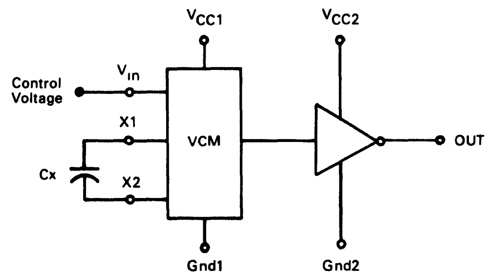


76IC73TX Automatic Battery Back-Up Switch

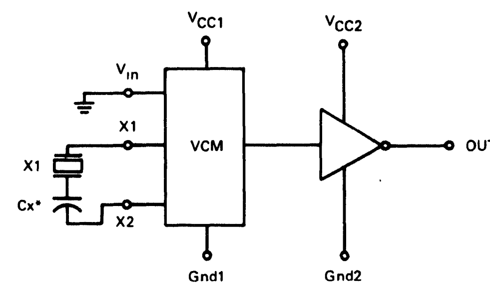


74S724JX Voltage Controlled Multivibrator - 8 pin DIP

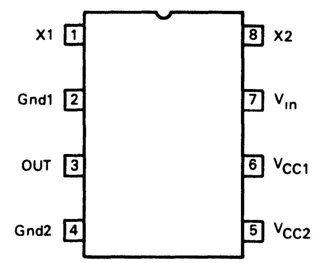
VOLTAGE CONTROLLED MULTIVIBRATOR



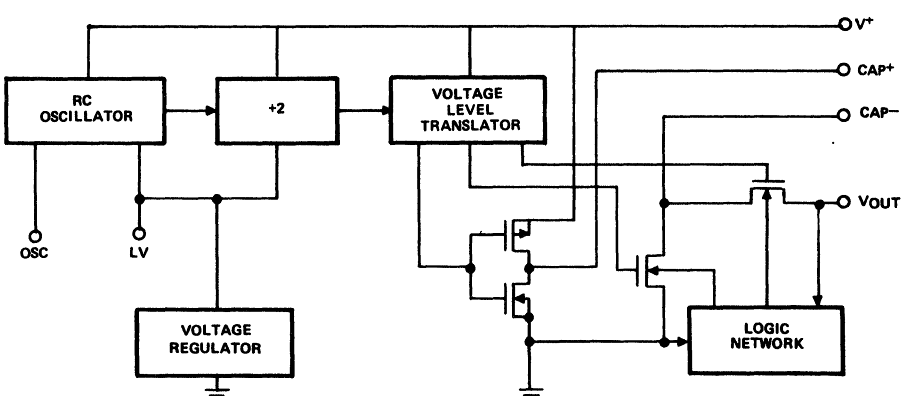
CRYSTAL OSCILLATOR

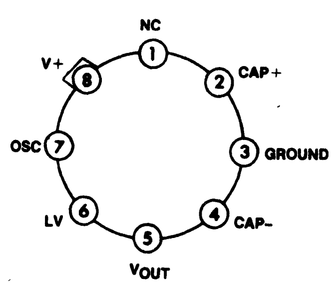


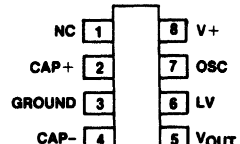
*Cx is optional
(Cx may be necessary to trim oscillator frequency or improve performance.)



76LM60HX Voltage Converter (Positive to Negative)



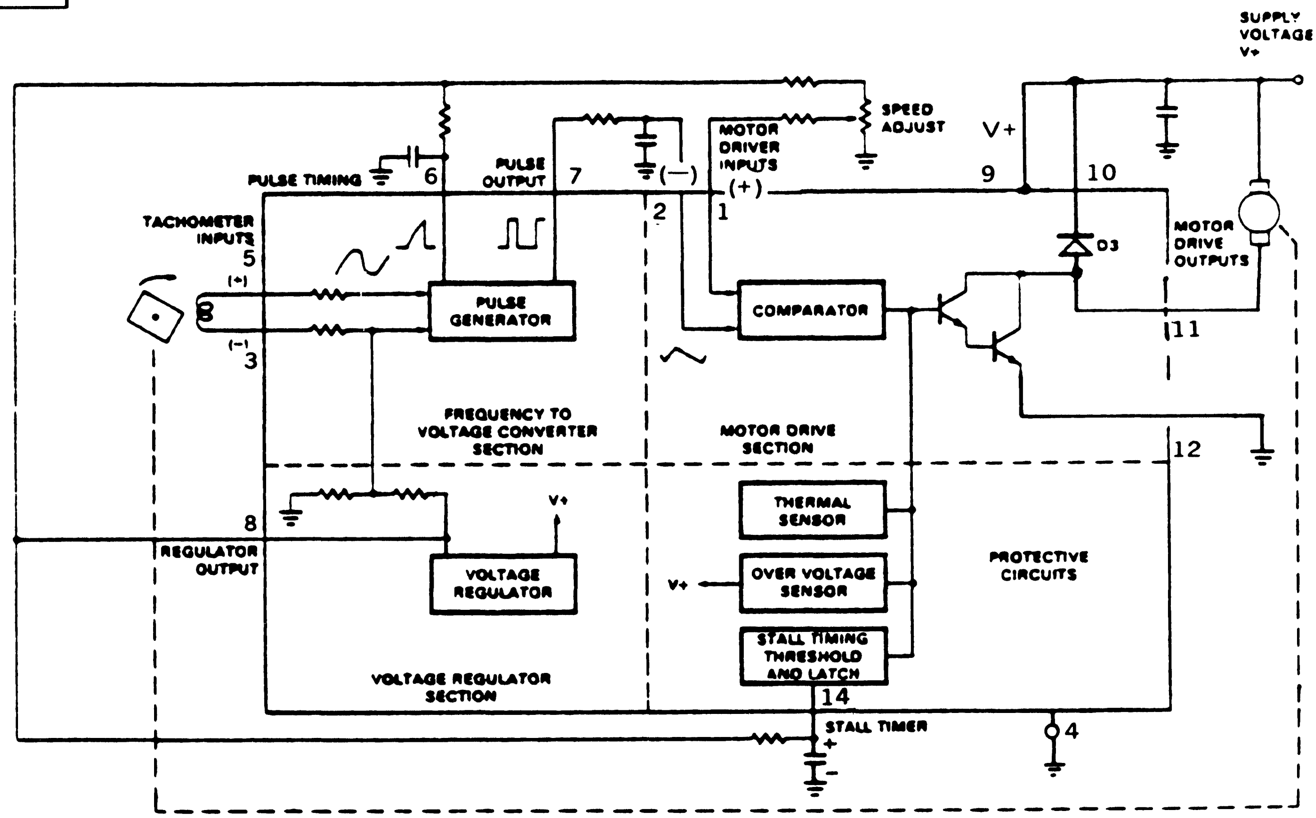




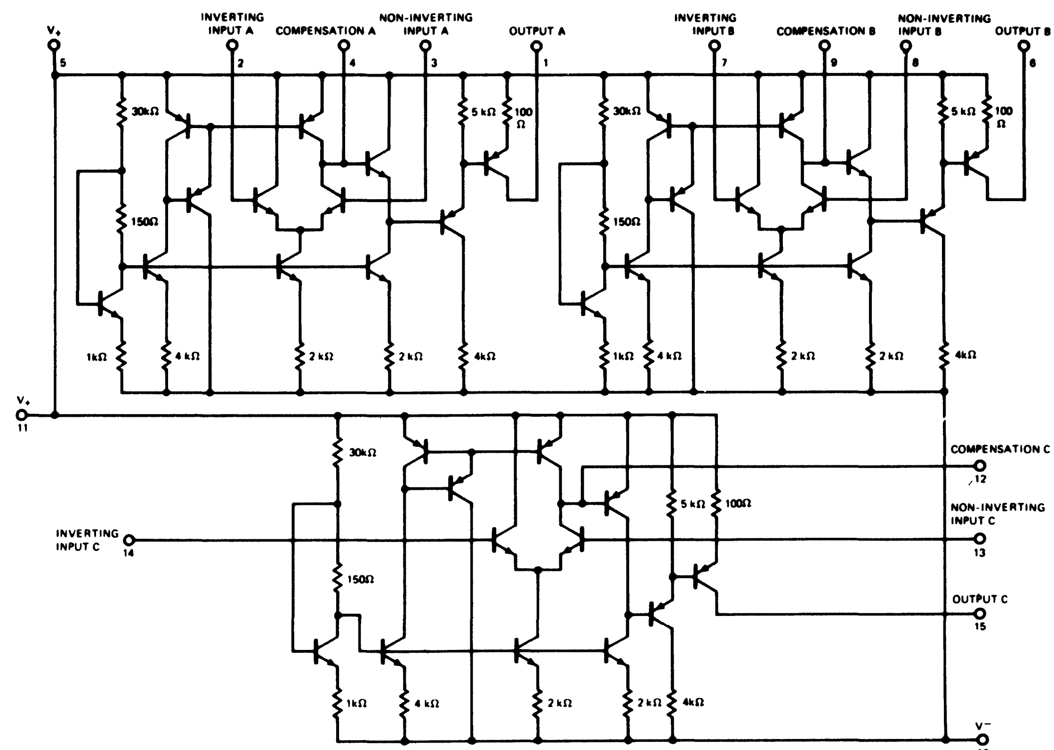
Note: 1. Pin 1 is designated by dot or notch for DIP.

17. CIRCUIT DRAWINGS

73LM92PX D.C. Motor Speed Control Circuit

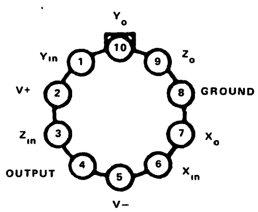


73LM51PX Triple Operational Amplifier – 16 pin DIP

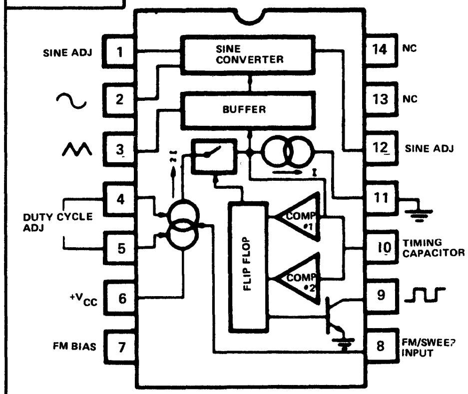


17. CIRCUIT DRAWINGS

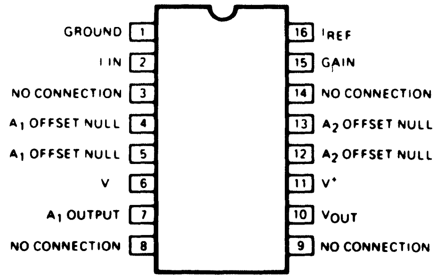
80LM13CX Four Quadrant Multiplier/Divider



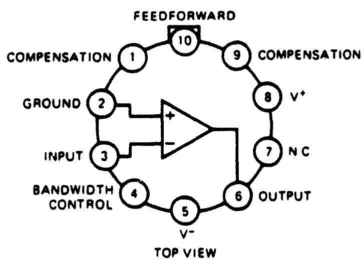
80LM38NX Differential Input Multiplier Divider



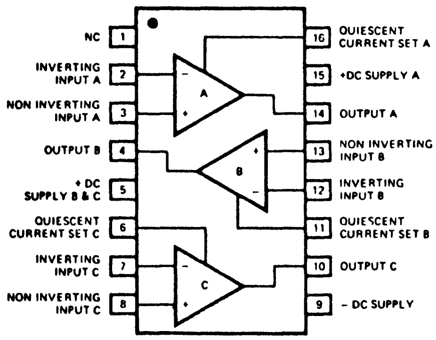
80LM48EX Logarithmic Amplifier



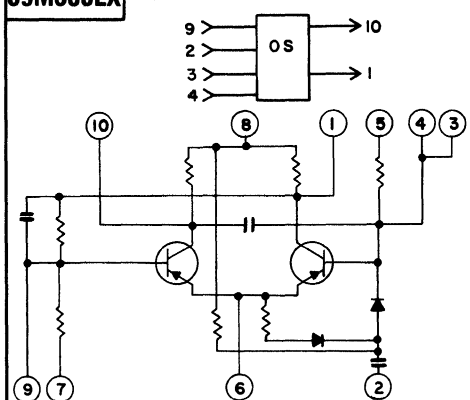
80LM17HX Single Operational Amplifier - 10 pin Can



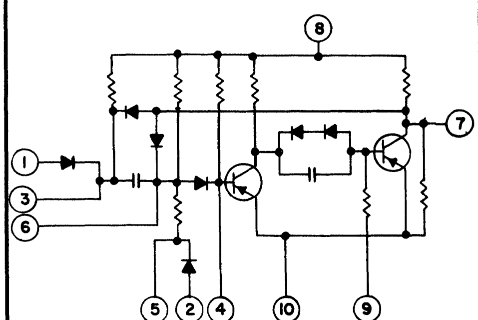
80LM23PX Triple Operational Amplifier

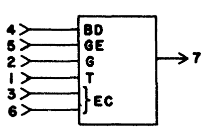


89M500LX RC TIMER

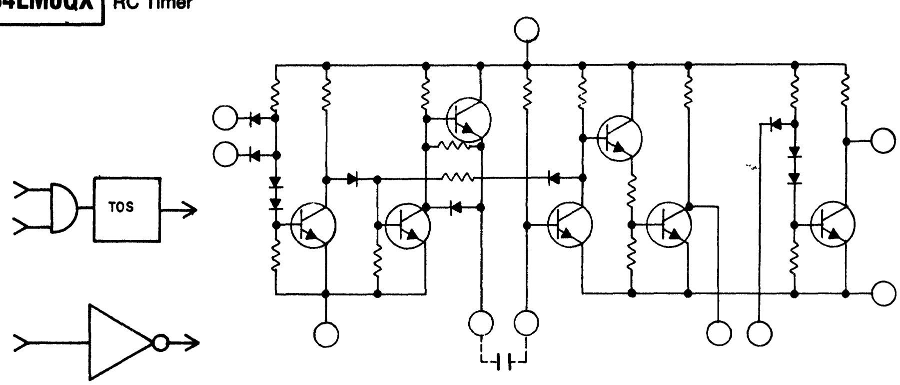


89M500FX RC Timer

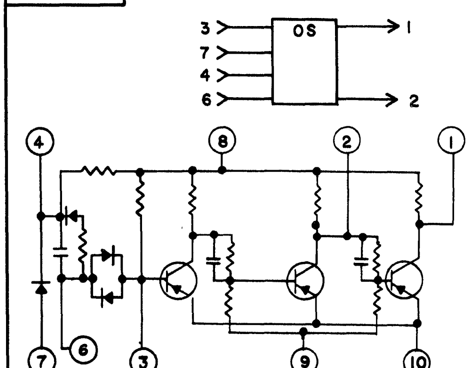




84LM0QX RC Timer

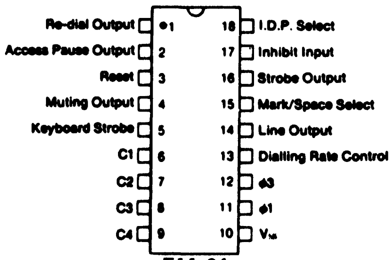


89M503ZX RC Timer

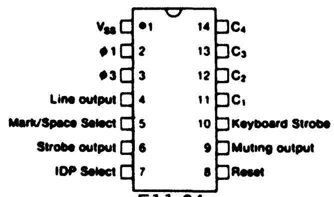


17. CIRCUIT DRAWINGS

91LM00AX Push-Button Phone Dialer

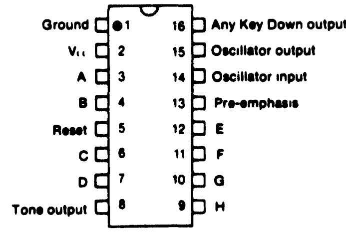


E11-24

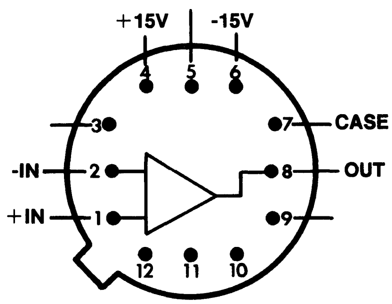


E11-24a

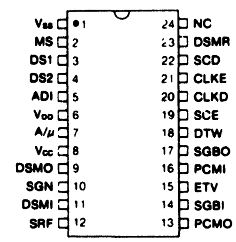
94LM01AX DTMF Generator



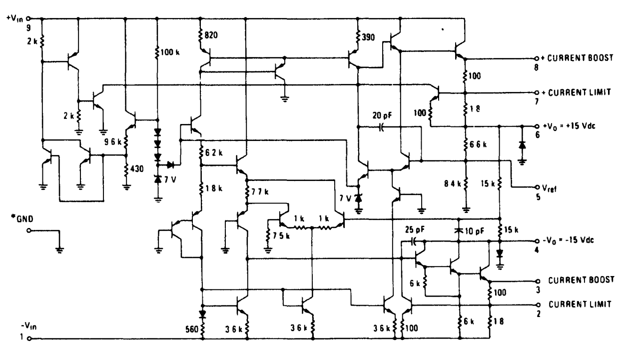
95LM01ZX Fixed - Gain Op Amp



99LM00AX PCM CODEC



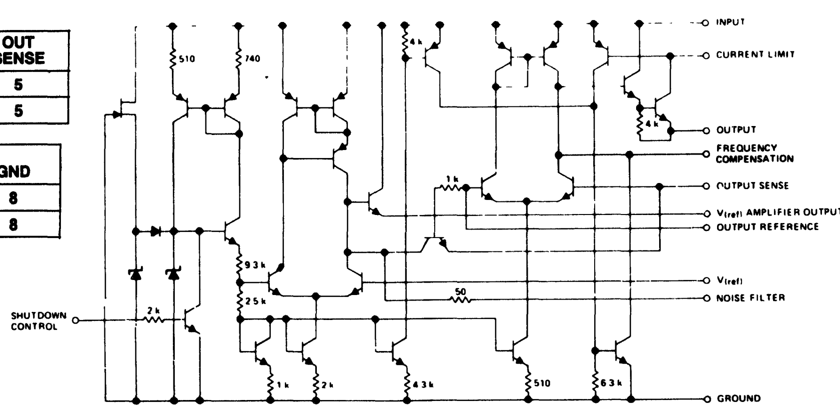
14LM67GX Adjustable Linear Voltage Regulator



72M400LX 72M400NX

PKG	SHUT DOWN	IN	CUR LIMIT	OUT	FREQ COMP	OUT SENSE
72M400LX	2	1	10	9	NA	5
72M400NX	2	1	14	13	12	5

PKG	AMP OUT	OUT REF	VREF	NOISE FILTER	GND
72M400LX	7	6	3	4	8
72M400NX	7	6	3	4	8



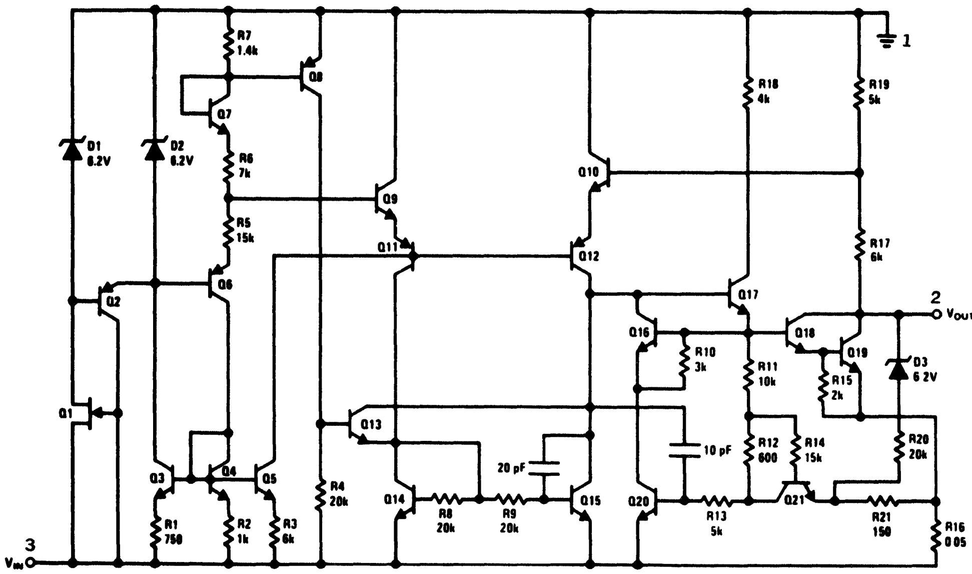
72M400LX - Adj. Voltage Regulator W/Shut Down-10 pin Can

72M400NX - Adj. Voltage Regulator W/Shut Down-14 pin DIP

17. CIRCUIT DRAWINGS

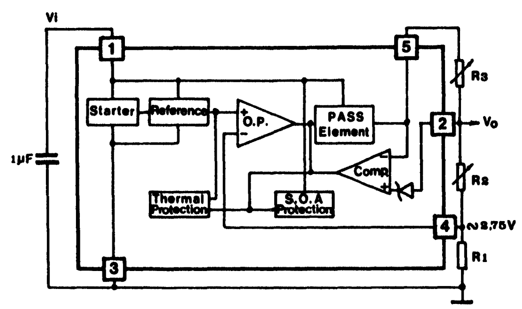
1LM45KX

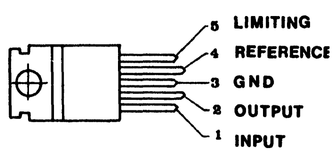
3-Terminal Fixed Voltage Regulator



VR181

Adj. Voltage Regulator W/Current Limit Control

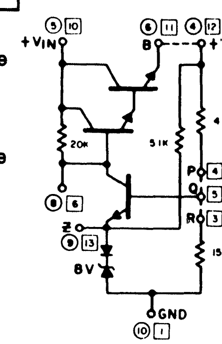




VR018 | VR018F

VR018 - Adjustable Linear Voltage Regulator-10 pin Can

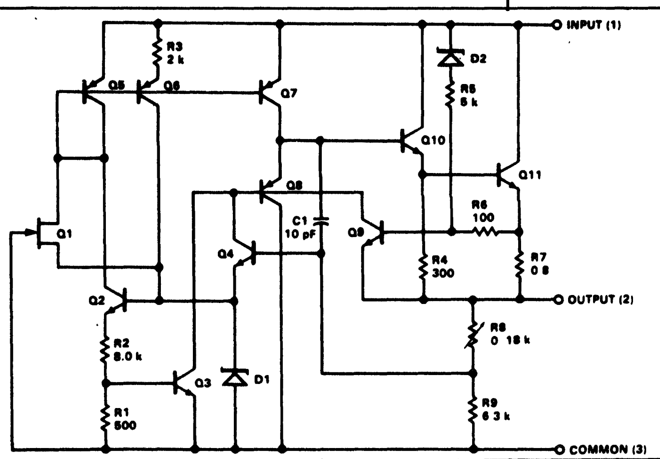
VR018F - Adjustable Linear Voltage Regulator-12 pin F.P.



VR018 - CN-PIN NOS IN CIRCLES
VR018F - FP-PIN NOS IN SQUARES

VR188

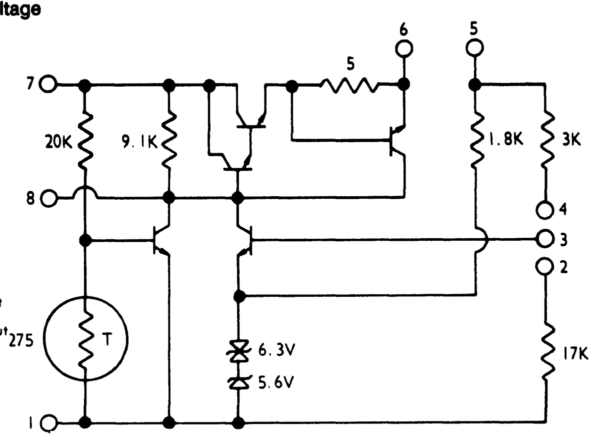
3-Terminal Fixed Voltage Regulator



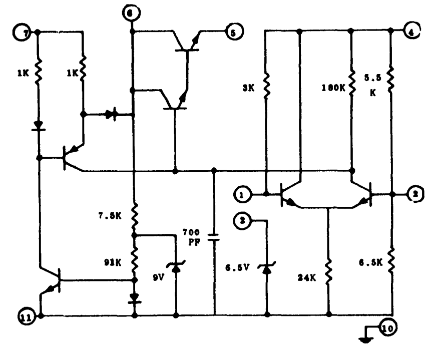
17. CIRCUIT DRAWINGS

VR007 Adjustable Linear Voltage Regulator

PIN CONNECTIONS
1. Common (case)
2. Voltage adjust
3. Feedback
4. Voltage adjust
5. Positive sense
6. Regulated output
7. Unregulated input
8. Compensation



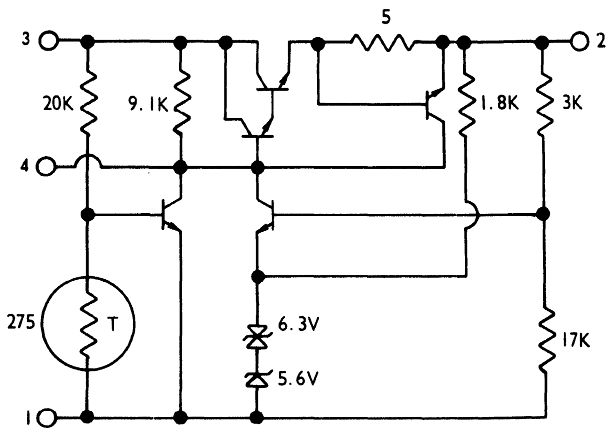
VR016 Adjustable Linear Voltage Regulator



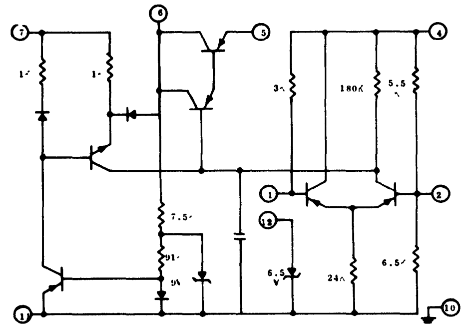
VR008

Fixed Linear Voltage Regulator

PIN CONNECTIONS
1. Common (case)
2. Regulated Output
3. Unregulated Input
4. Compensation

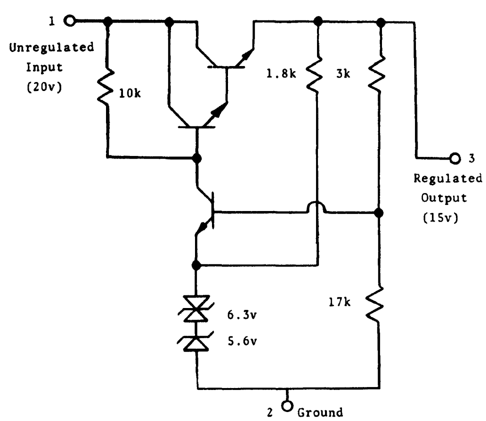


VR017 Adjustable Linear Voltage Regulator

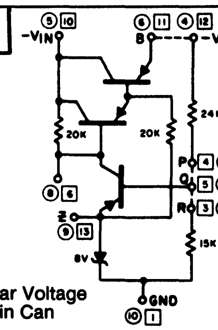


VR009

Fixed Linear Voltage Regulator



VR022 **VR022F**

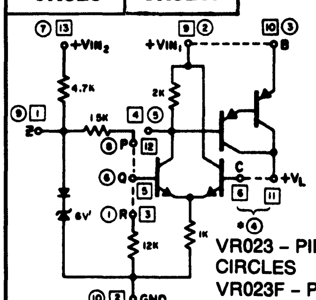


VR022 - Adjustable Linear Voltage Regulator-10 pin Can

VR022F - Adjustable Linear Voltage Regulator-12 pin F.P.

VR022 - PIN NUMBERS IN CIRCLES
VR022F - PIN NUMBERS IN SQUARES

VR023 **VR023F**

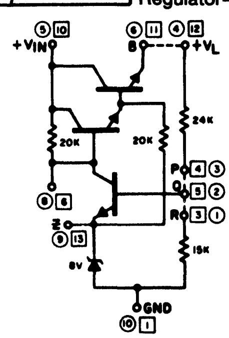


VR023 - PIN NUMBERS IN CIRCLES
VR023F - PIN NUMBERS IN SQUARES

VR023 - Adjustable Linear Voltage Regulator-10 pin Can

VR023F - Adjustable Linear Voltage Regulator-12 pin F.P.

VR021 **VR021F** Adjustable Linear Voltage Regulator-12 pin F.P.



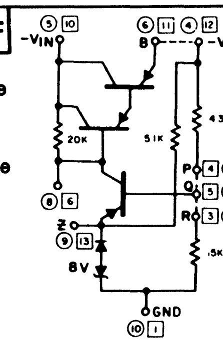
VR021 - CN-PINS IN CIRCLES

VR021F - FP-PINS IN SQUARES

VR019 **VR019F**

VR019 -
Adjustable Linear Voltage Regulator-10 pin Can

VR019F -
Adjustable Linear Voltage Regulator-12 pin F.P.



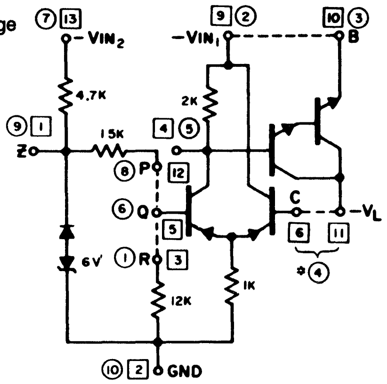
VR019 - PIN NUMBERS IN CIRCLES
VR019F - PIN NUMBERS IN SQUARES

17. CIRCUIT DRAWINGS

VR024 | VR024F

VR024 - Adjustable Linear Voltage Regulator-10 pin Can

VR024F - Adjustable Linear Voltage Regulator-12 pin F.P.

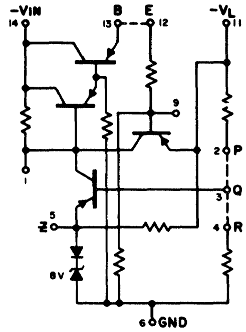


VR024 - CN-CIRCLES

VR024F - FP-SQUARES

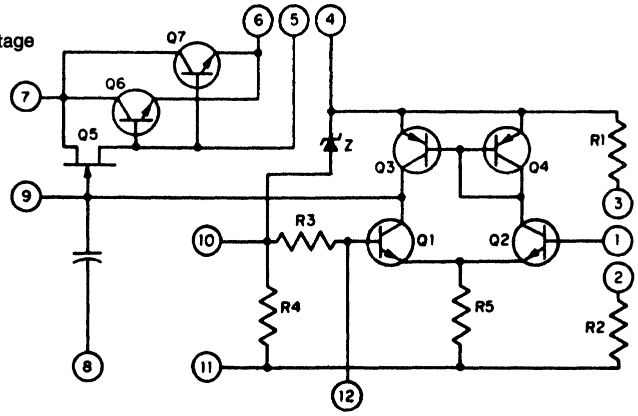
VR027

Adjustable Linear Voltage Regulator



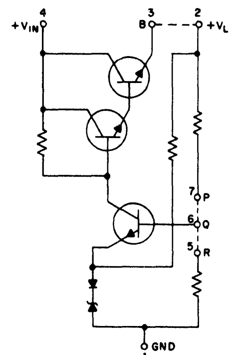
VR025

Adjustable Linear Voltage Regulator



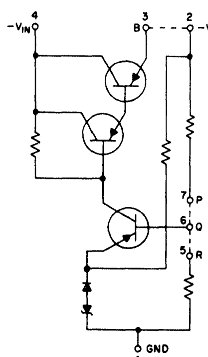
VR028

Adjustable Linear Voltage Regulator



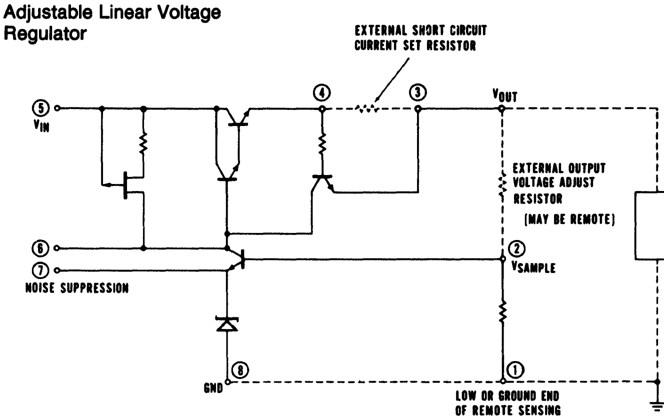
VR029

Adjustable Linear Voltage Regulator



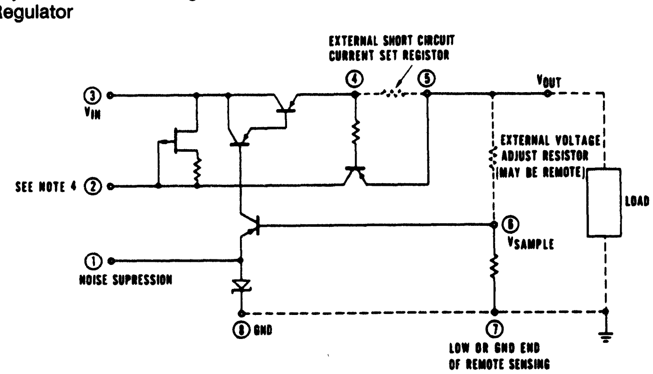
VR031

Adjustable Linear Voltage Regulator



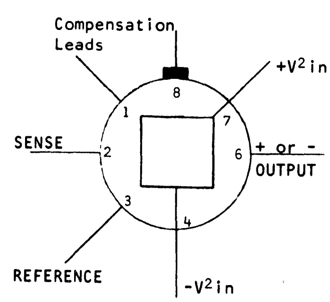
VR032

Adjustable Linear Voltage Regulator



VR034

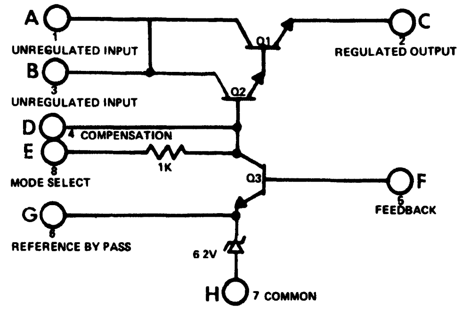
Adjustable Linear Voltage Regulator



17. CIRCUIT DRAWINGS

VR035 | VR035a | VR035b

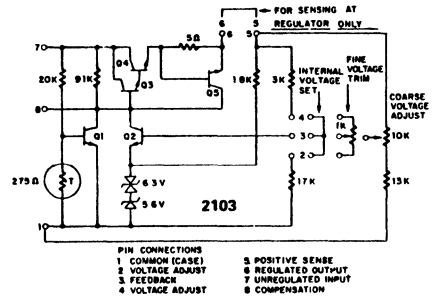
Adjustable Linear Voltage Regulator



	A	B	C	D	E	F	G	H
VR035	1	3	2	4	8	5	6	7
VR035a	1	3	2	5	8	6		7
VR035b	1		2	4	8	5	6	7

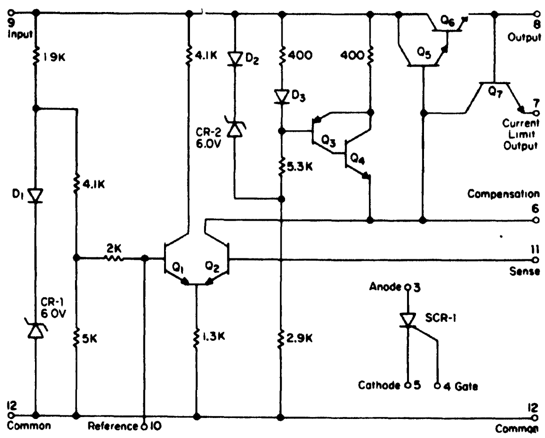
VR037

Adjustable Linear Voltage Regulator



VR036

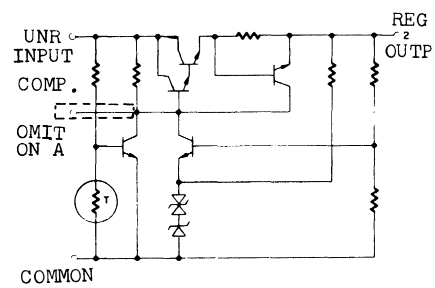
Adjustable Linear Voltage Regulator



VR038a

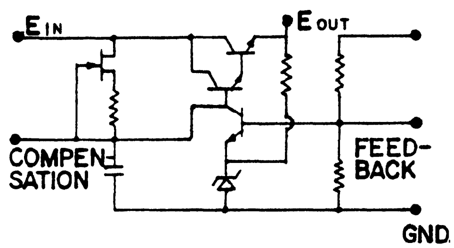
Positive Voltage Regulator

	UNREG. INPUT	REG. OUTPUT	COMMON	COMP.
VR038a	1	3	2	



VR040

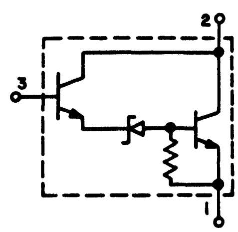
Adjustable Linear Voltage Regulator



CKT NO.	EIN	COMP	EOUT	SENSE	FEEDBACK	Gnd
1	8	9	7	3	2	1
2	11	12	10	6	5	4

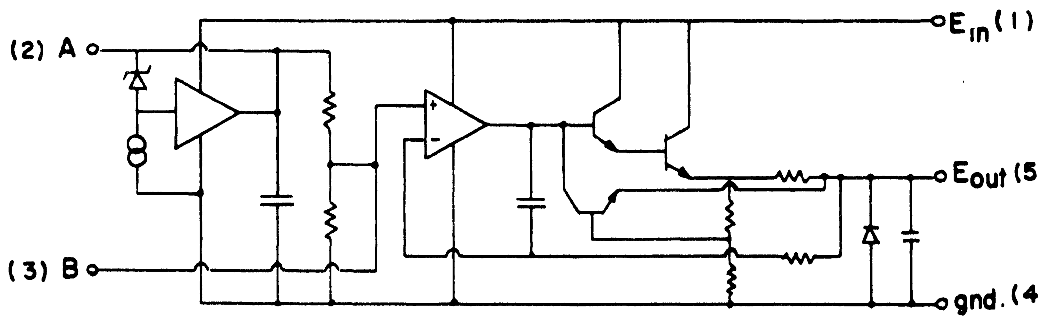
VR045

Adjustable Linear Voltage Regulator



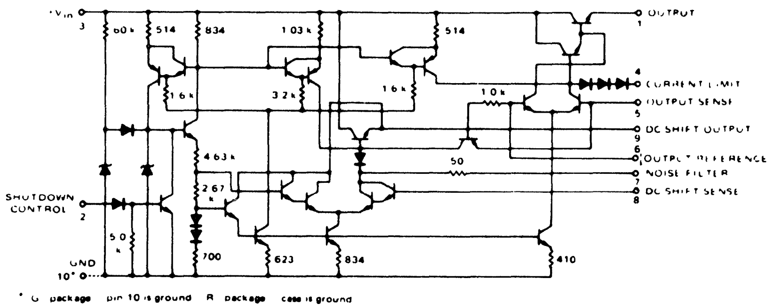
VR041

Adjustable Linear Voltage Regulator



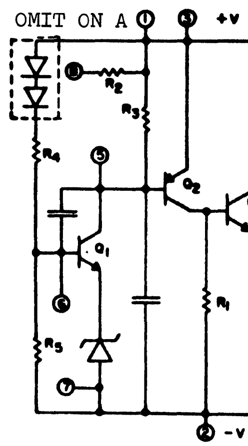
17. CIRCUIT DRAWINGS

VR042 Adjustable Linear Voltage Regulator

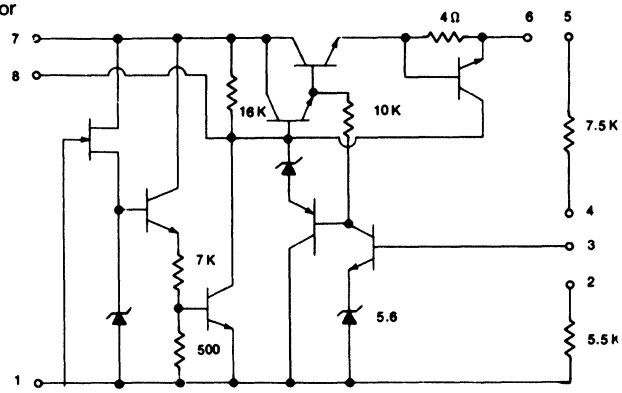


VR050 **VR050a**

Fixed Linear Voltage Regulator

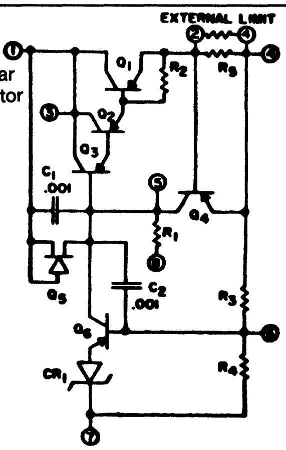


VR046 Adjustable Linear Voltage Regulator

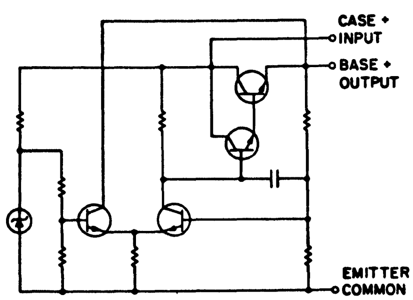


VR054

Adjustable Linear Voltage Regulator

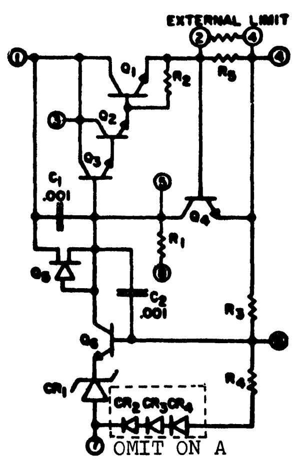


VR056 Fixed Linear Voltage Regulator

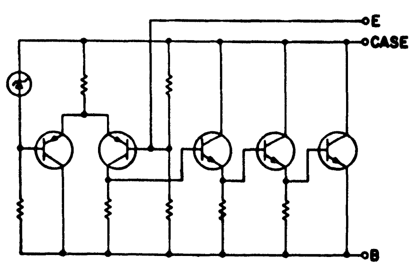


VR052 **VR052a**

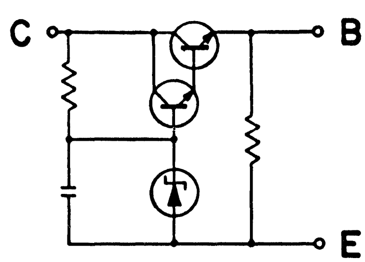
Adjustable Linear Voltage Regulator



VR057 Adjustable Voltage Regulator

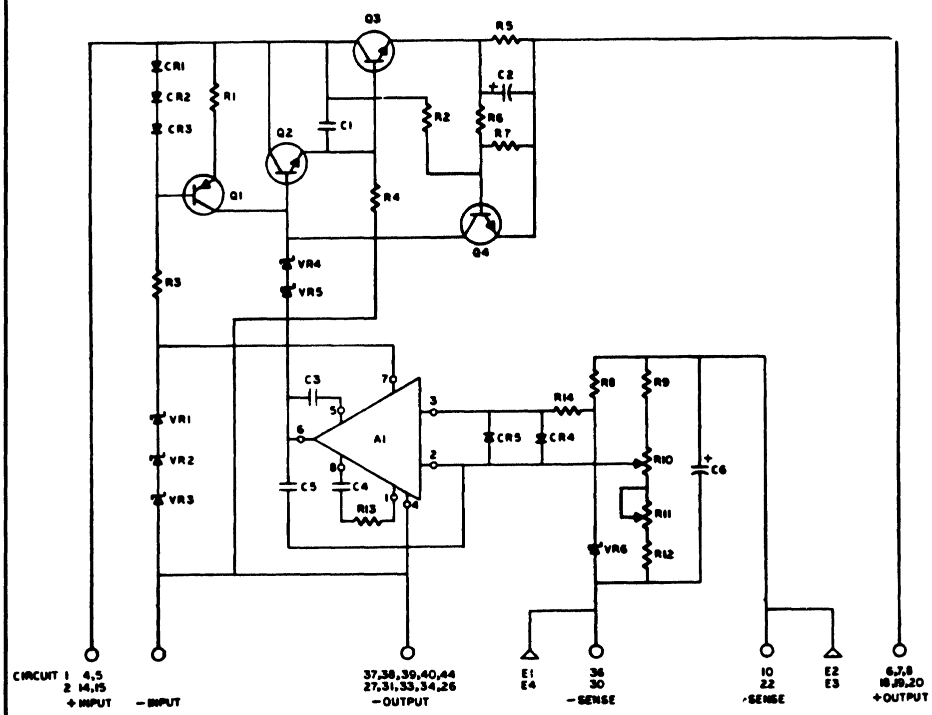


VR058 Fixed Linear Voltage Regulator

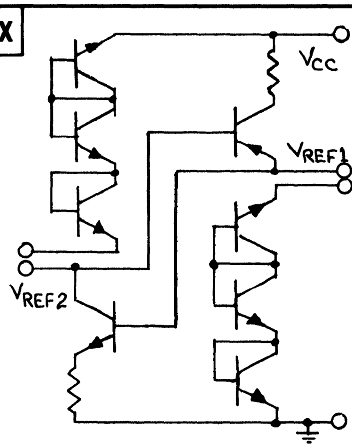


17. CIRCUIT DRAWINGS

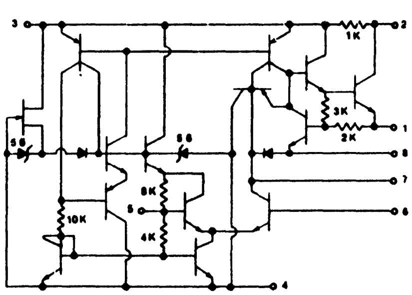
VR059 Reference Voltage Regulator



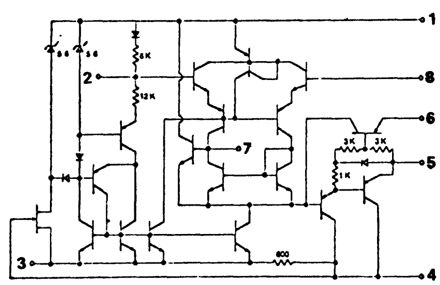
VR062ZX Voltage Reference Element



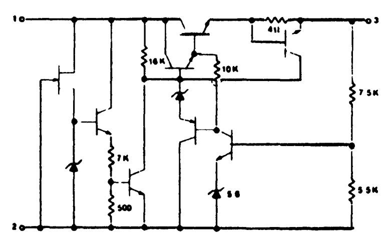
VR065 Adjustable Linear Voltage Regulator



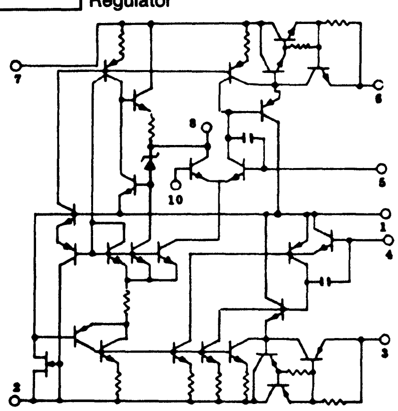
VR066 Adjustable Linear Voltage Regulator



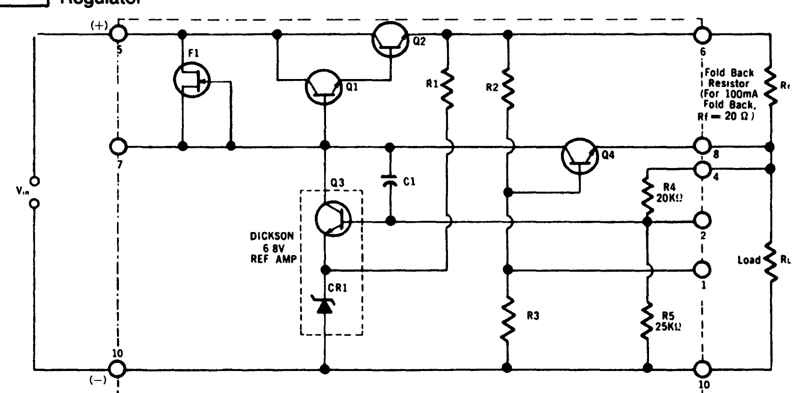
VR067 Fixed Linear Voltage Regulator



VR068 Adjustable Linear Voltage Regulator



VR069 Adjustable Linear Voltage Regulator

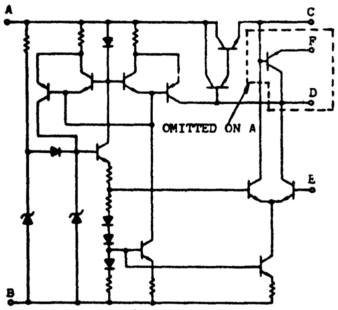


17. CIRCUIT DRAWINGS

VR071a

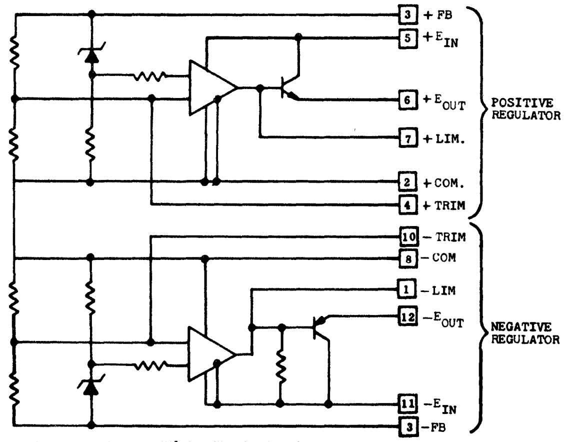
Fixed Linear Voltage Regulator

	A	B	C	D	E	F
VR071a	2	1	3		4	



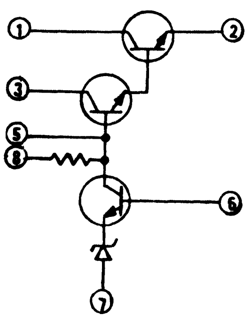
VR073

Adjustable Linear Voltage Regulator



VR074

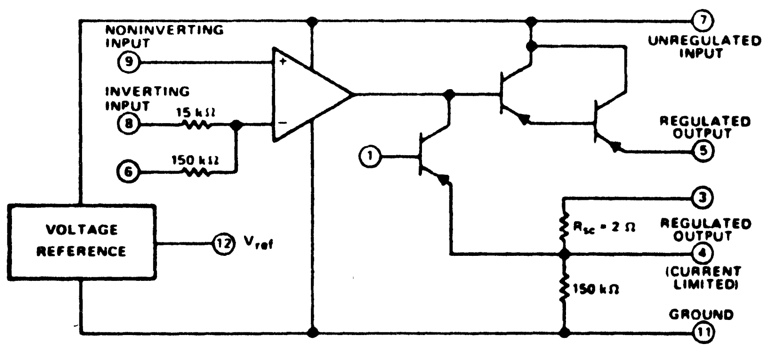
Adjustable Linear Voltage Regulator



VR090a | VR090

VR090a – Positive Adj. Voltage Regulator

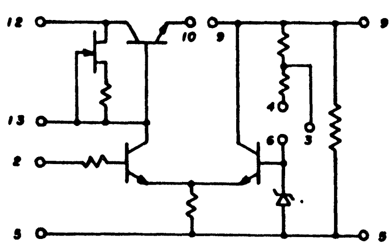
VR090 – Negative Adj. Voltage Regulator



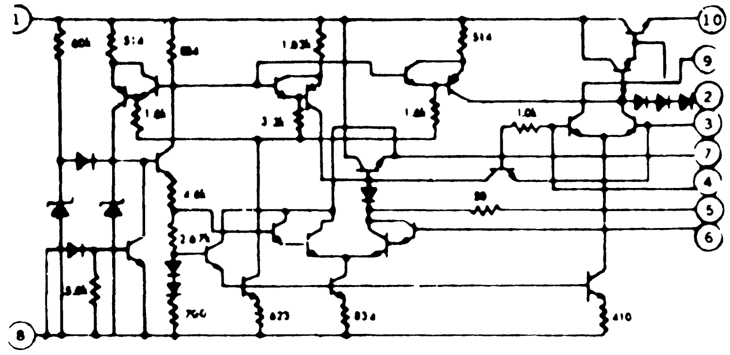
VR090a – NPN Output

VR089GX

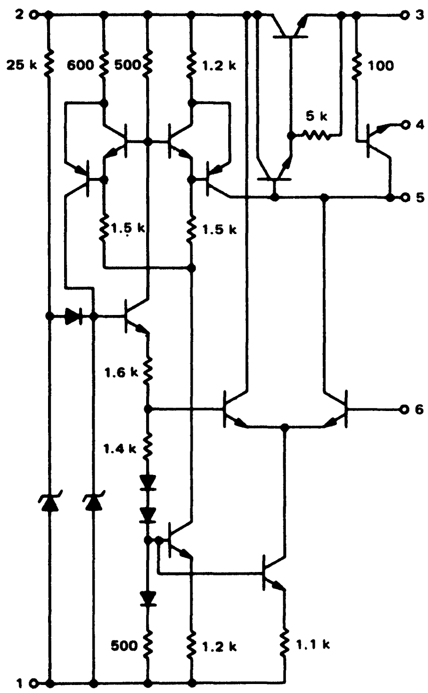
Adjustable Linear Voltage Regulator



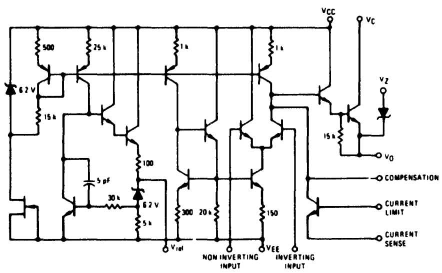
VR094 Adj. Linear Voltage Regulator–14 pin DIP



VR103 Adj. Voltage Regulator W/Current Limit Control



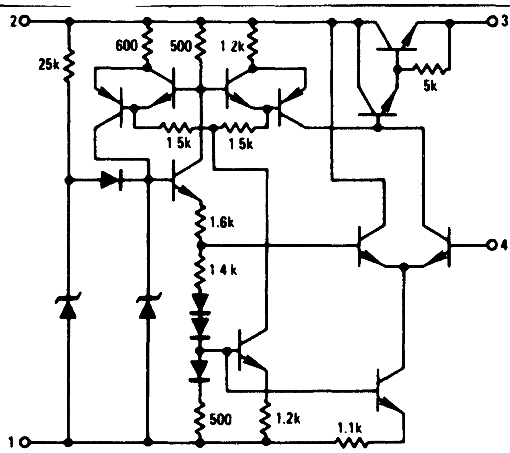
VR099 **VR099a** Adj. Voltage Regulator W/Current Limit Control



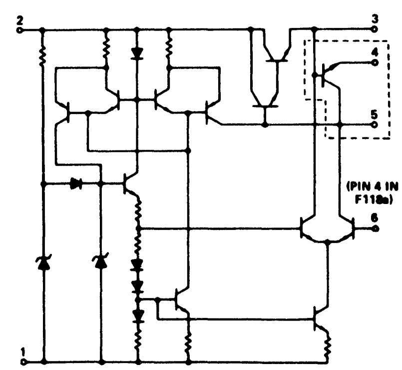
	VCC	VC	VZ	VO	COMP	CUR LIMIT	CUR SENSE	INV IN	NON INV IN	VEE	VREF
VR099	K	J	G	H	L	A	B	C	D	F	E
VR099a	12	11	9	10	13	2	3	4	5	7	6

VR102

4-Terminal Adj. Linear Voltage Regulator



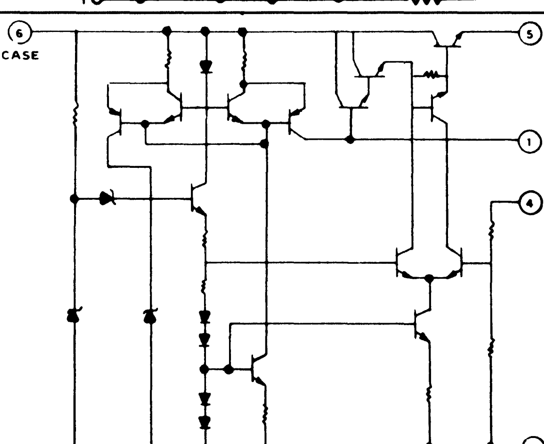
VR118 Adj. Voltage Regulator W/Current Limit Control



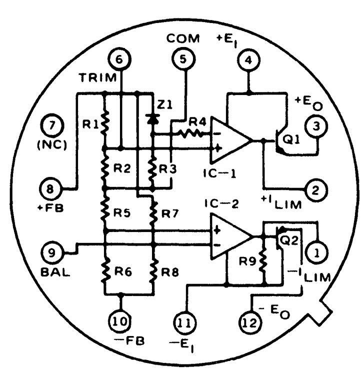
VR118a – DOTTED PORTION OMITTED

VR106

Adj. Voltage Regulator



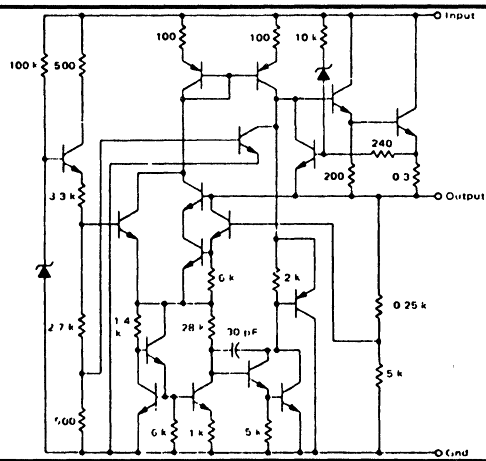
VR124 Dual Tracking Adj. Voltage Regulator

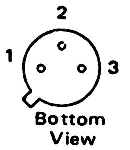


17. CIRCUIT DRAWINGS

VR125

3-Terminal Fixed Voltage Regulator





VR125

Pin 1. Input
2. Output
3. Ground

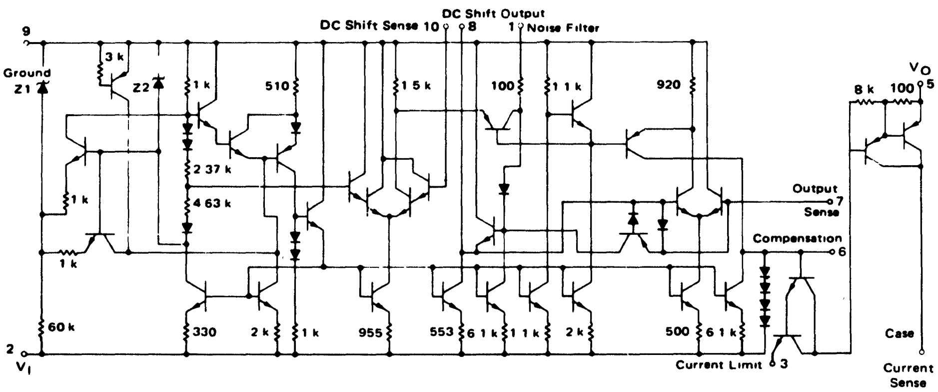
Case connected to Pin 3.

VR125a

Pin 1. Input
2. Ground
3. Output

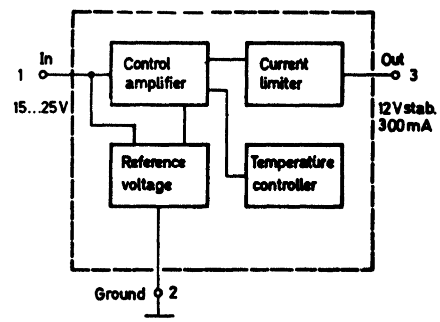
VR126

Adj. Voltage Regulator W/Current Limit Control



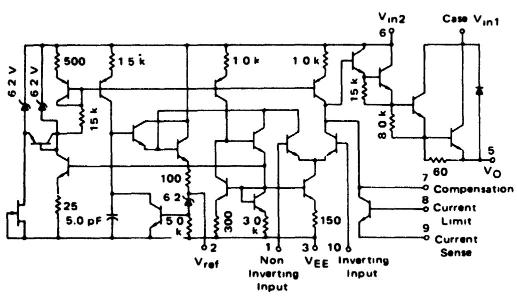
VR132

3-Terminal Fixed Voltage Regulator



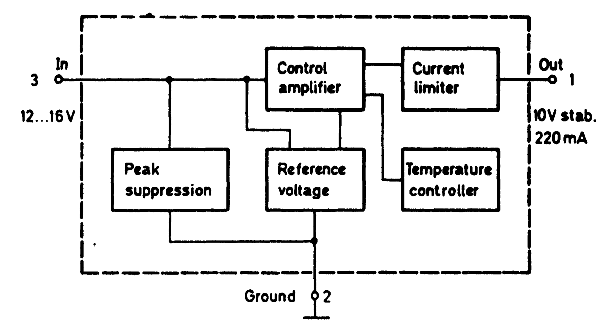
VR127

Adj. Voltage Regulator W/Current Limit Control



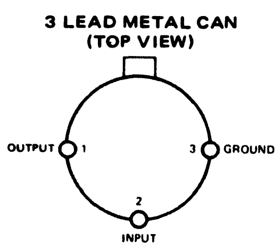
VR131

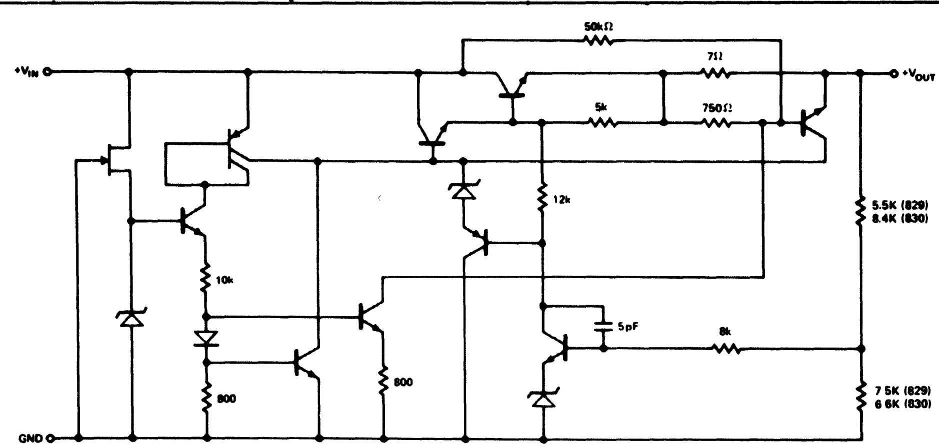
3-Terminal Fixed Voltage Regulator



VR135

3-Terminal Fixed Voltage Regulator

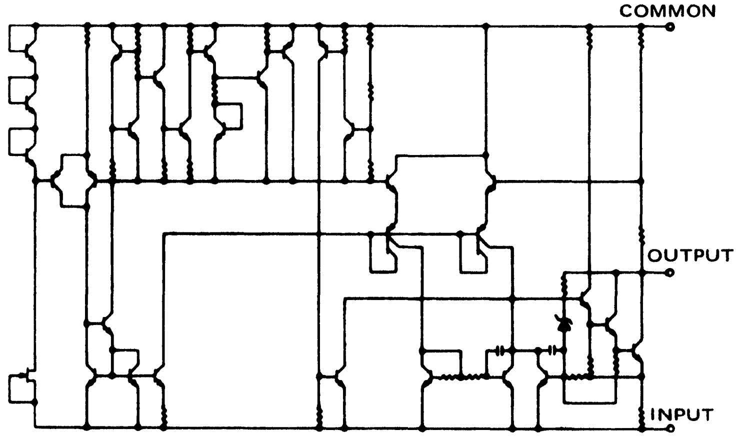




17. CIRCUIT DRAWINGS

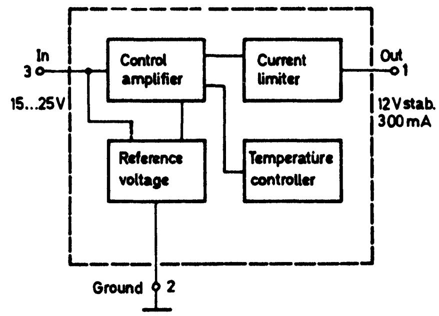
VR136

3-Terminal Fixed Voltage Regulator



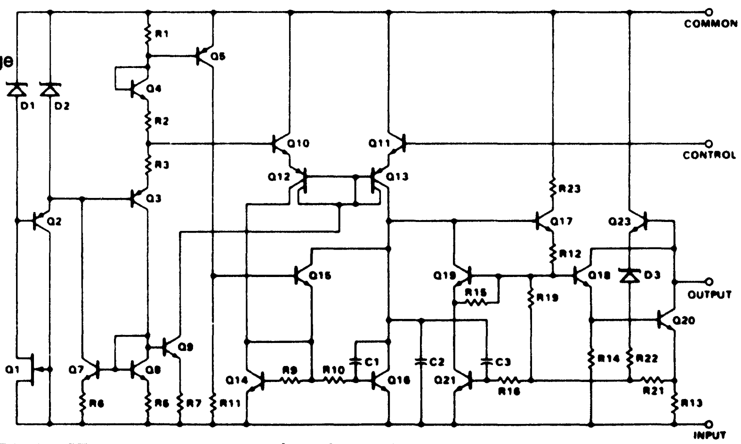
VR133

3-Terminal Fixed Voltage Regulator



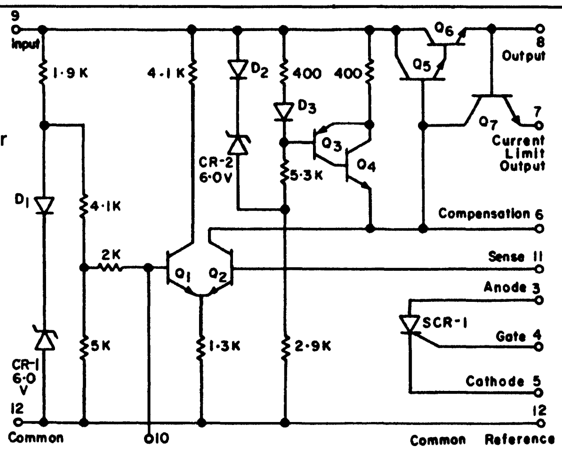
VR142

Fixed Negative Voltage Regulator



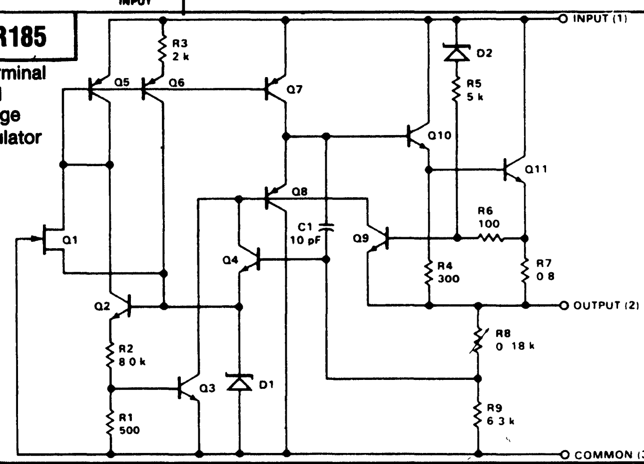
VR146

Adj. Voltage Regulator W/Current Limit & Crowbar



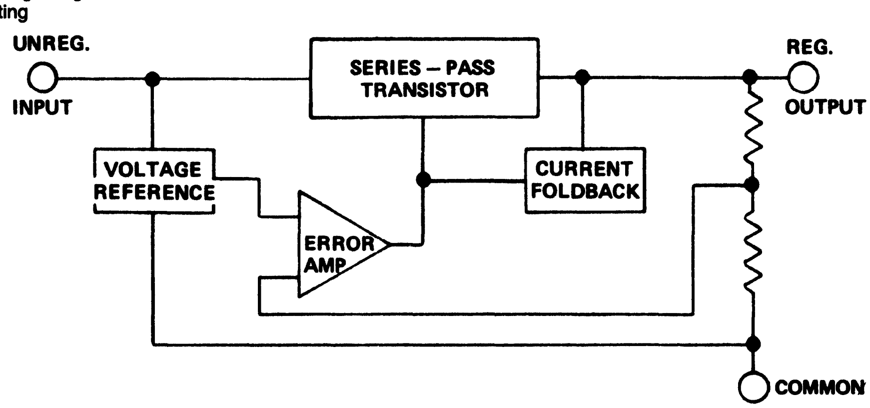
VR185

3-Terminal Fixed Voltage Regulator



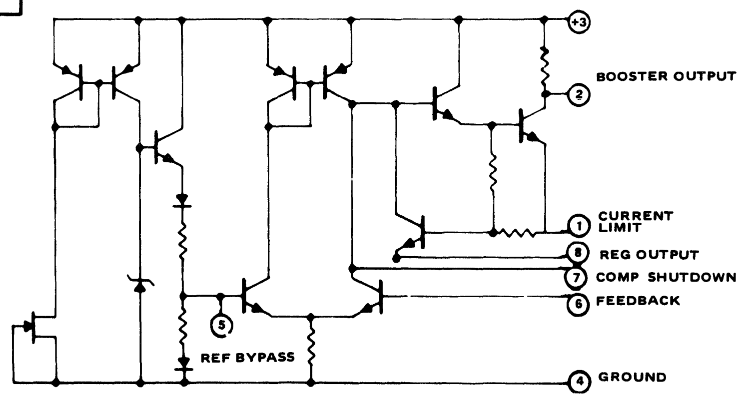
VR173

3-Term. Fixed Voltage Reg. W/Foldback Limiting

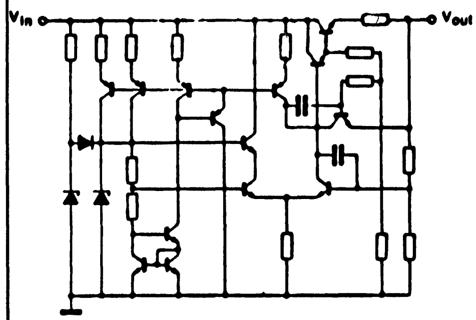


17. CIRCUIT DRAWINGS

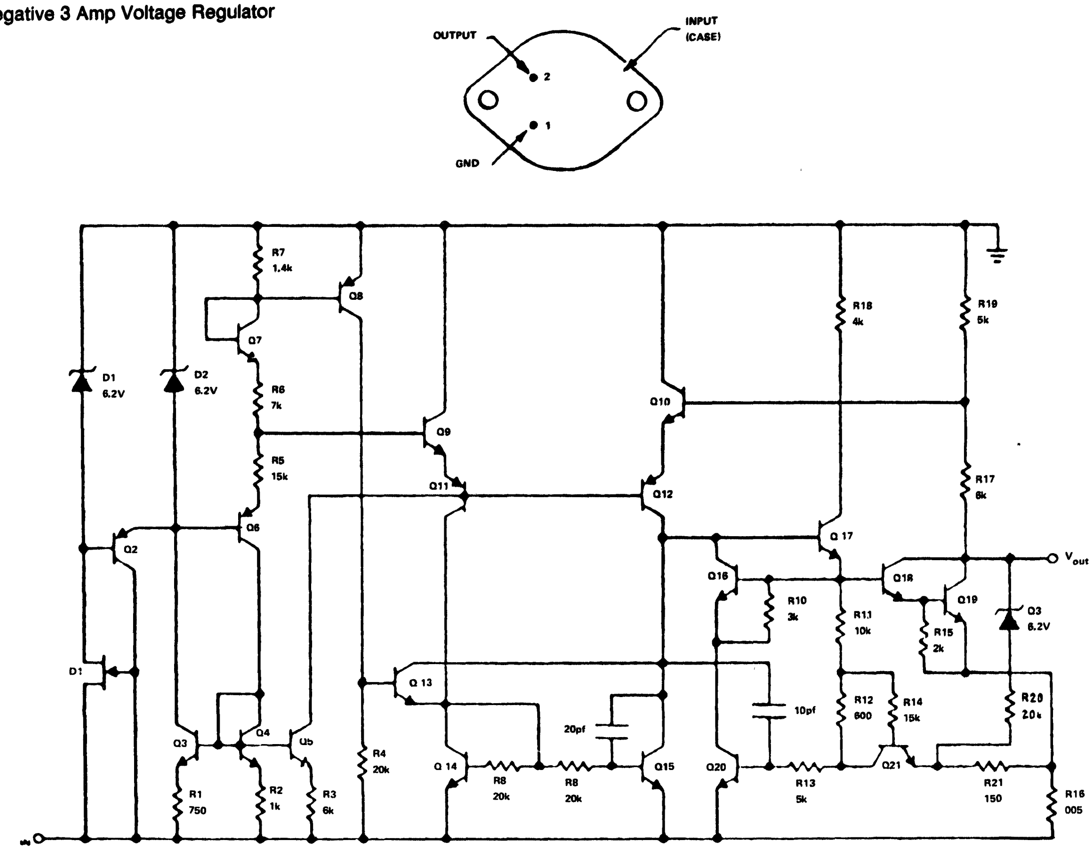
VR070 Voltage and Current Regulator



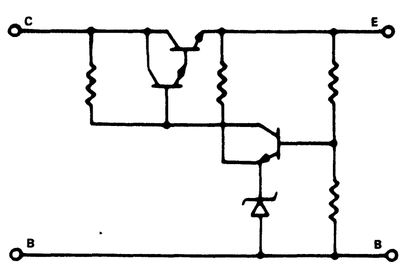
VR078 High Stability Voltage Regulator



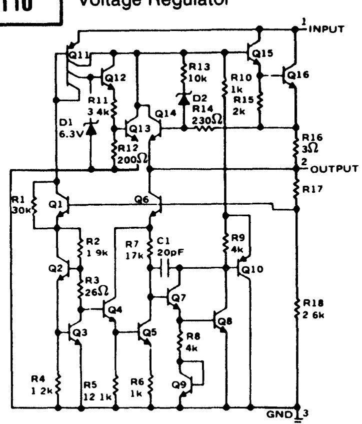
VR080 Negative 3 Amp Voltage Regulator



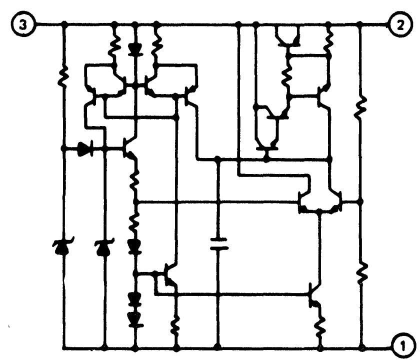
VR082 Voltage Regulator



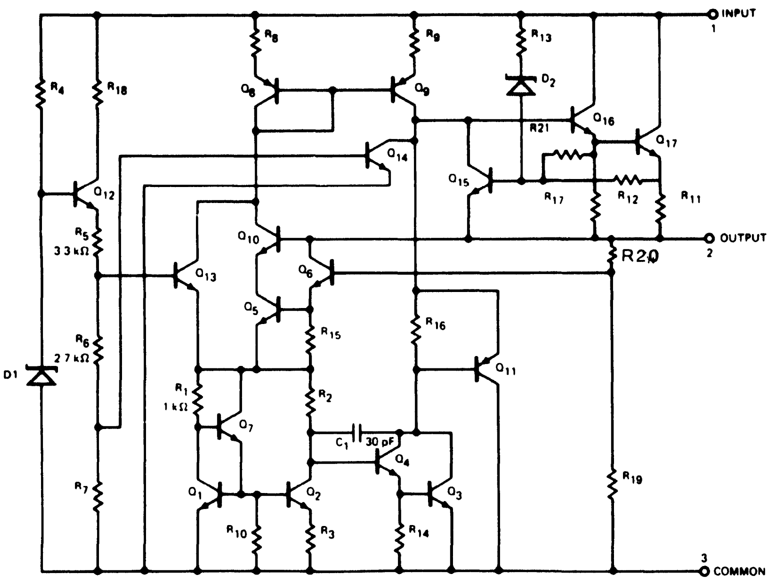
VR110 Voltage Regulator



VR113 Voltage Regulator



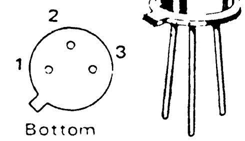
VR091 Fixed Voltage Regulator



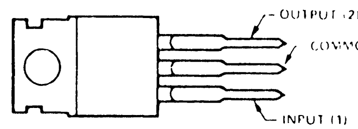
VR091a: INCLUDES R21, EXCLUDES R20
VR091b: INCLUDES R21, R20

VR091c: INCLUDES R20, EXCLUDES R21

Pin 1. Input
2. Output
3. Ground

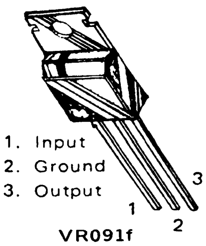


VR091d

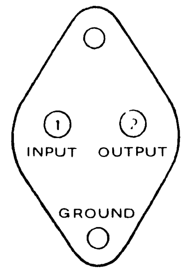


VR091e

Pin 1. Input
2. Ground
3. Output



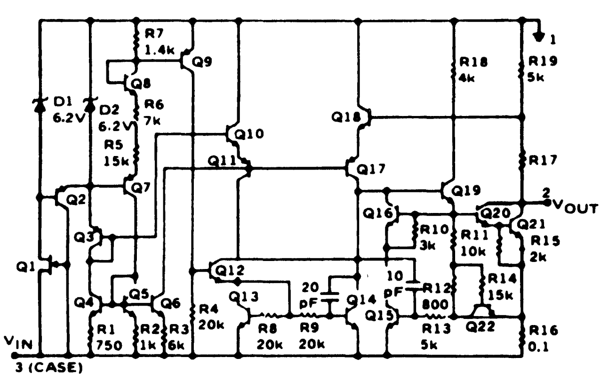
VR091f



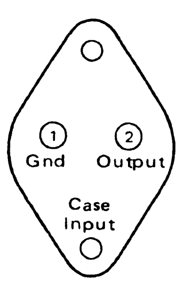
(bottom view)
VR091g

Pins 1 and 2 electrically isolated from case.
Case is third electrical connection.

VR109 Single Polarity Fixed Regulator



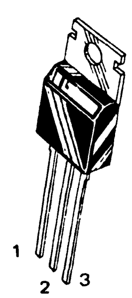
VR116 3 Terminal Negative Fixed Voltage Regulator



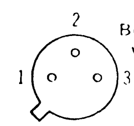
(bottom view)
VR116

Pin 1. Ground
2. Input
3. Output

VR116a



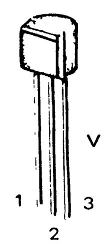
VR144 Positive Fixed Voltage Regulator



VR144

Pin 1. Input
2. Output
3. Ground

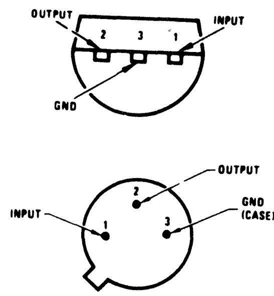
Pin 1. Output
2. Ground
3. Input



VR144a

17. CIRCUIT DRAWINGS

VR148
Positive Fixed Voltage Regulator



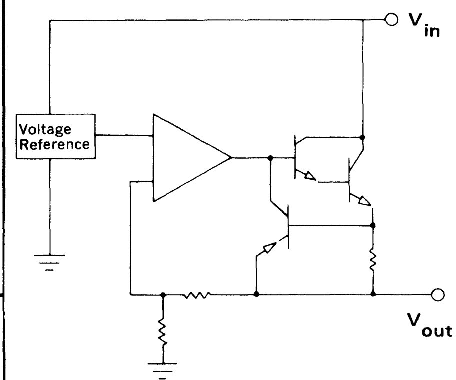
VR182
Positive Fixed Voltage Regulator

PIN	FUNCTION VR182
1	Input
2	Output
3	Common

2 Amp Positive Voltage Regulator

PIN	FUNCTION VR182a
1	Common (elec)
2	Control
3	Output
4	Input
5	Common

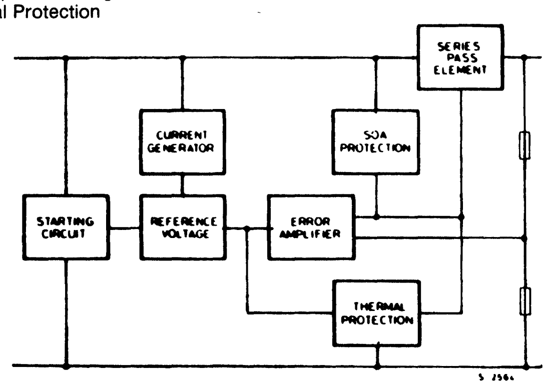
VR206
Fixed Voltage Regulator



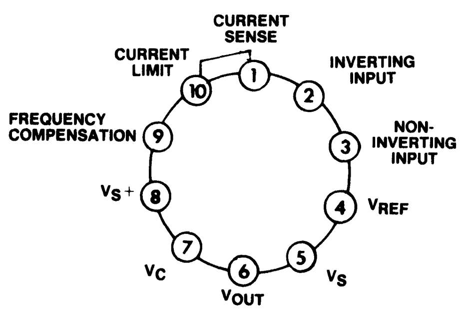
EQUIVALENT CIRCUIT

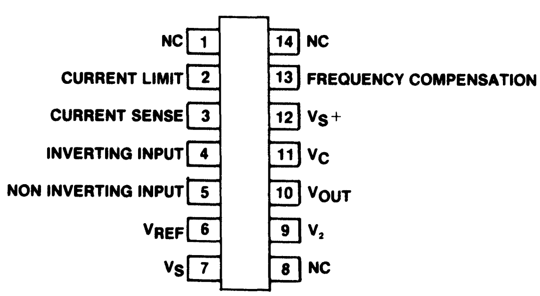
Case = V in   Pin 2 = V out   Pin I = ground

VR222
Voltage/Current Regulator with Thermal Protection

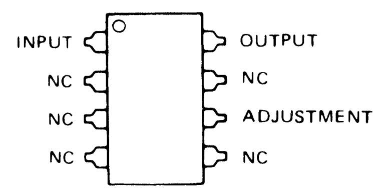


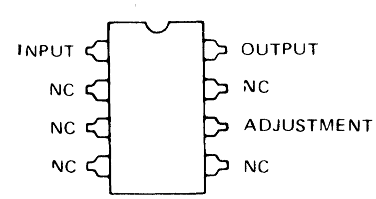
VR224
Adjustable High Voltage Regulator

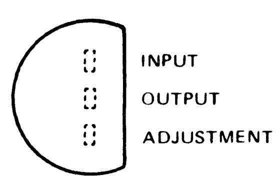




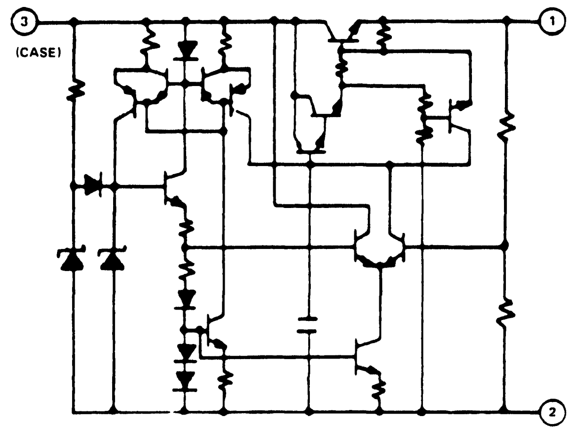
VR227
Positive Fixed Voltage Regulator



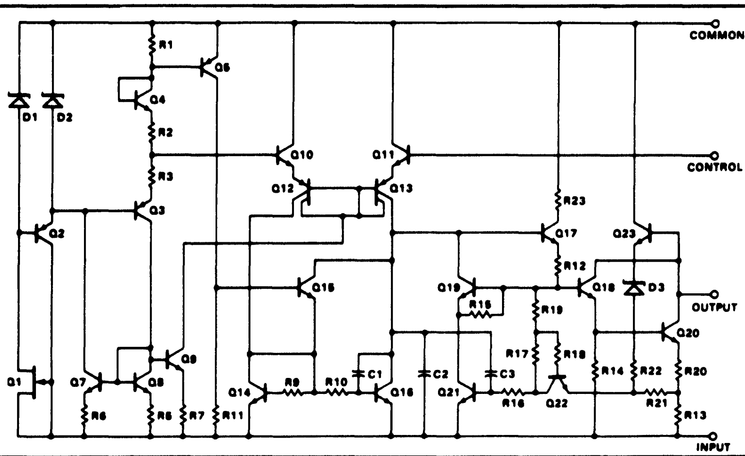




VR123 Voltage Regulator

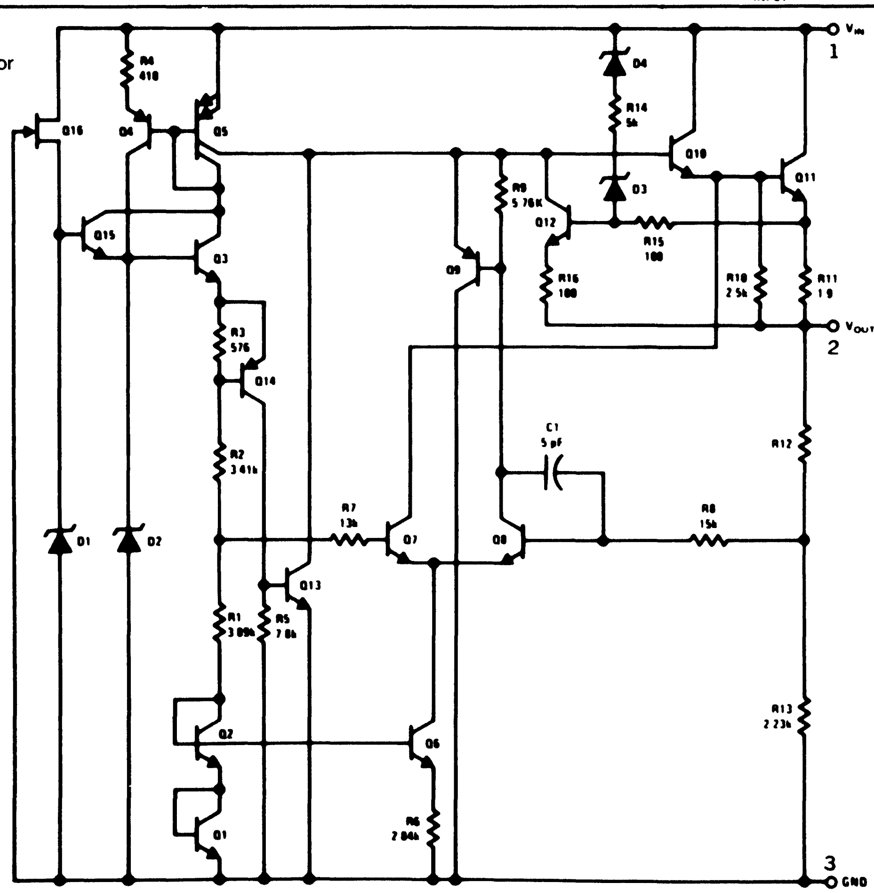


VR140 Adjustable Voltage Regulator



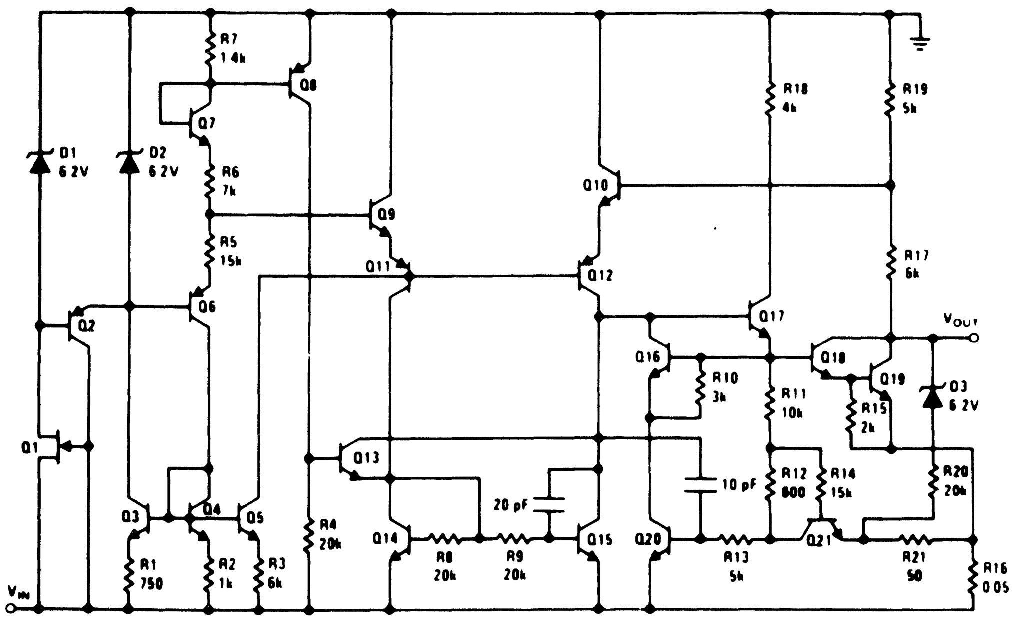
VR150

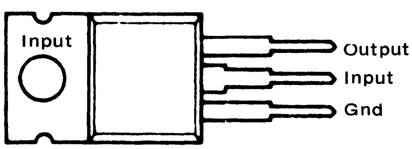
Positive Fixed Voltage Regulator

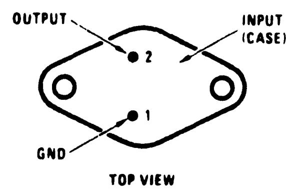


VR152 Negative Fixed Voltage Regulator

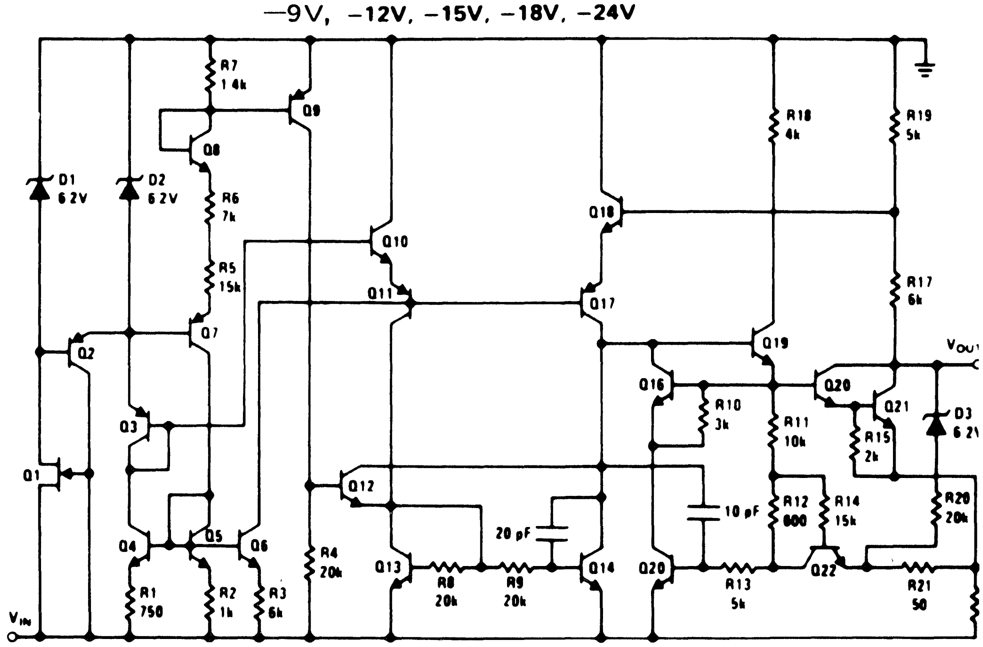
−5V, −5.2V, −6V, −8V







−9V, −12V, −15V, −18V, −24V

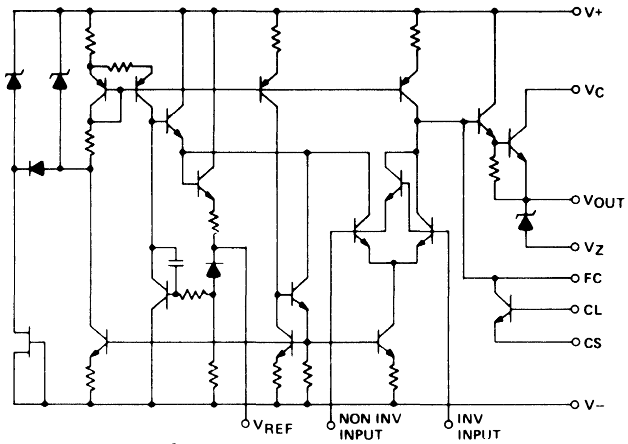


17. CIRCUIT DRAWINGS

VR160 | VR160a

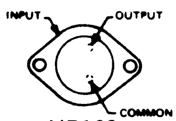
Voltage Regulator with Thermal Protection

	PKG	CURRENT SENSE	INV. IN	NON INV IN	V REF	V-	V Z	V OUT	V IN	V+	FREQ. COMP	CURRENT LIMIT	N.C.
VR160	MP	3	4	5	6	7	9	10	11	12	13	2	1,8,14
VR160a	CN	1	2	3	4	5	NA	6	7	8	9	10	NA

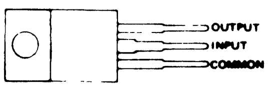


VR162

Negative Fixed Voltage Regulator



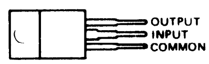
VR162
TOP VIEW



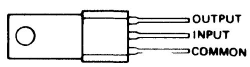
VR162a
TOP VIEW

VR163

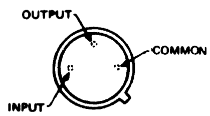
Negative Fixed Voltage Regulator



VR163



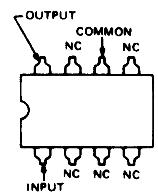
VR163a



VR163b

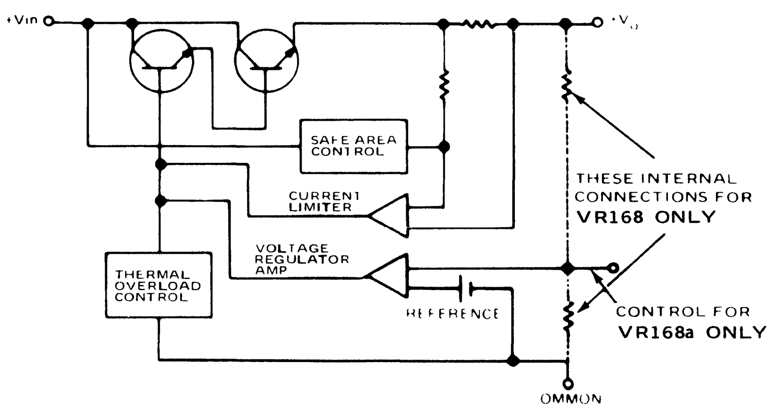
VR164

4 Terminal Positive and Negative Adjustable Voltage Regulator



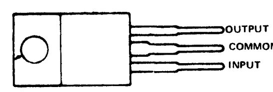
VR168

Positive Fixed Voltage Regulator



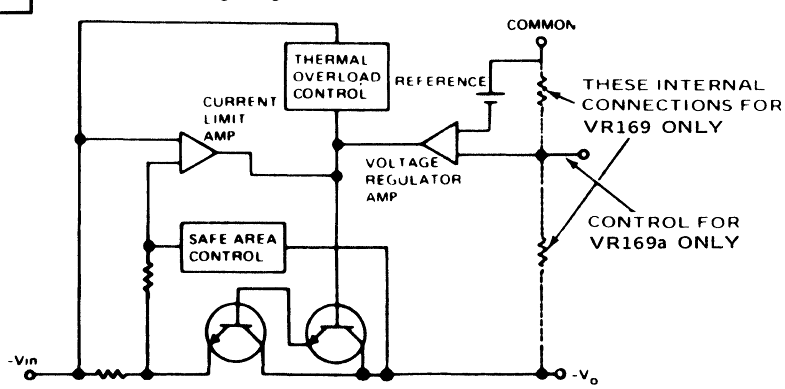
VR165a

Positive Voltage Regulator



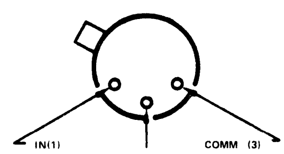
VR169

Negative Fixed Voltage Regulator



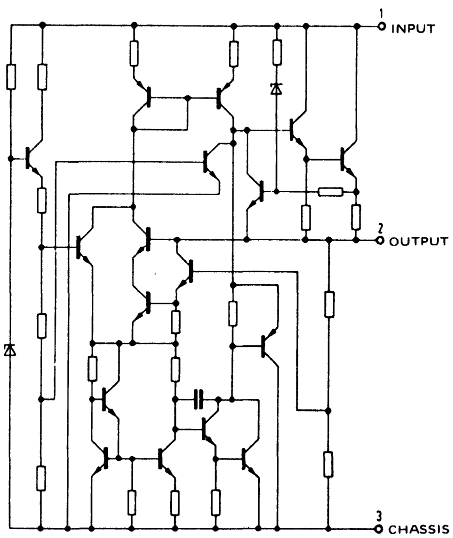
VR165b

Positive Voltage Regulator

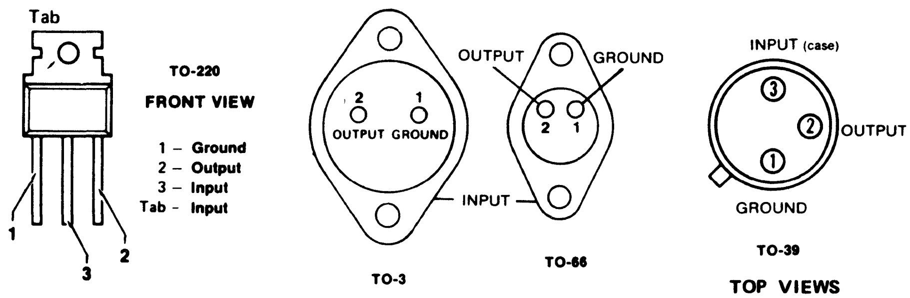


17. CIRCUIT DRAWINGS

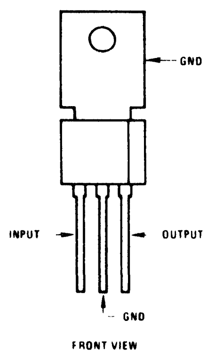
VR183 Positive Fixed Voltage Regulator



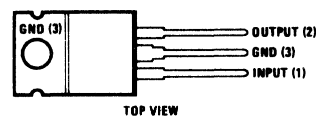
VR187 3 Terminal Fixed Regulator



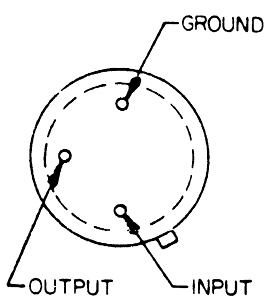
VR194 Positive Fixed Voltage Regulator



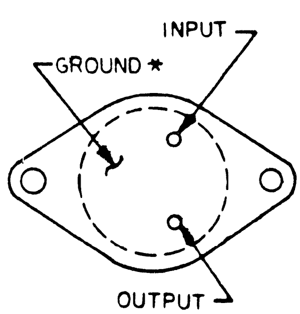
VR199a Positive Fixed Voltage Regulator



VR186 Fixed Voltage Regulator

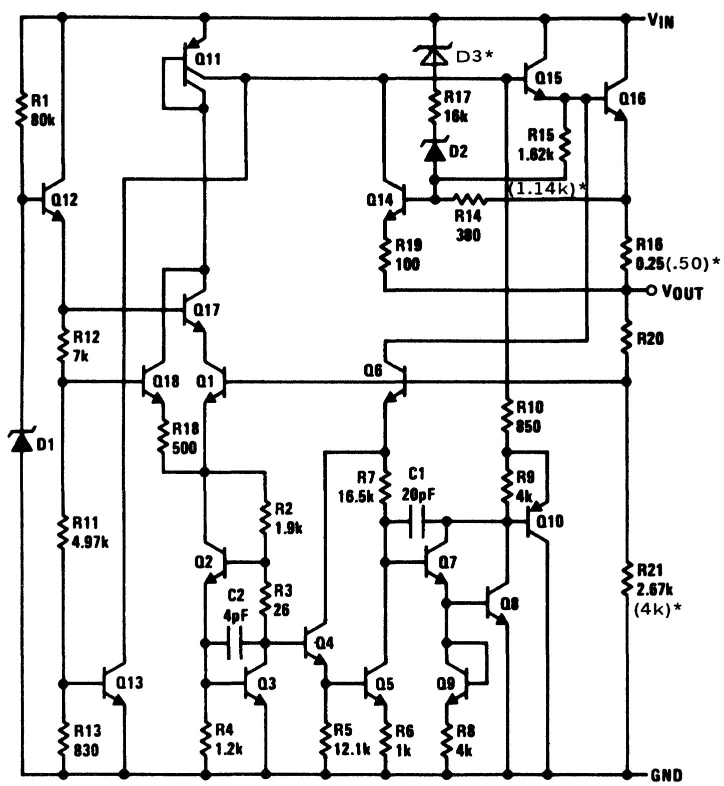


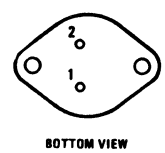
NOTE: Bottom views.
VR186.



*(Case is connected to ground.)
VR186b

VR199 Positive Fixed Voltage Regulator

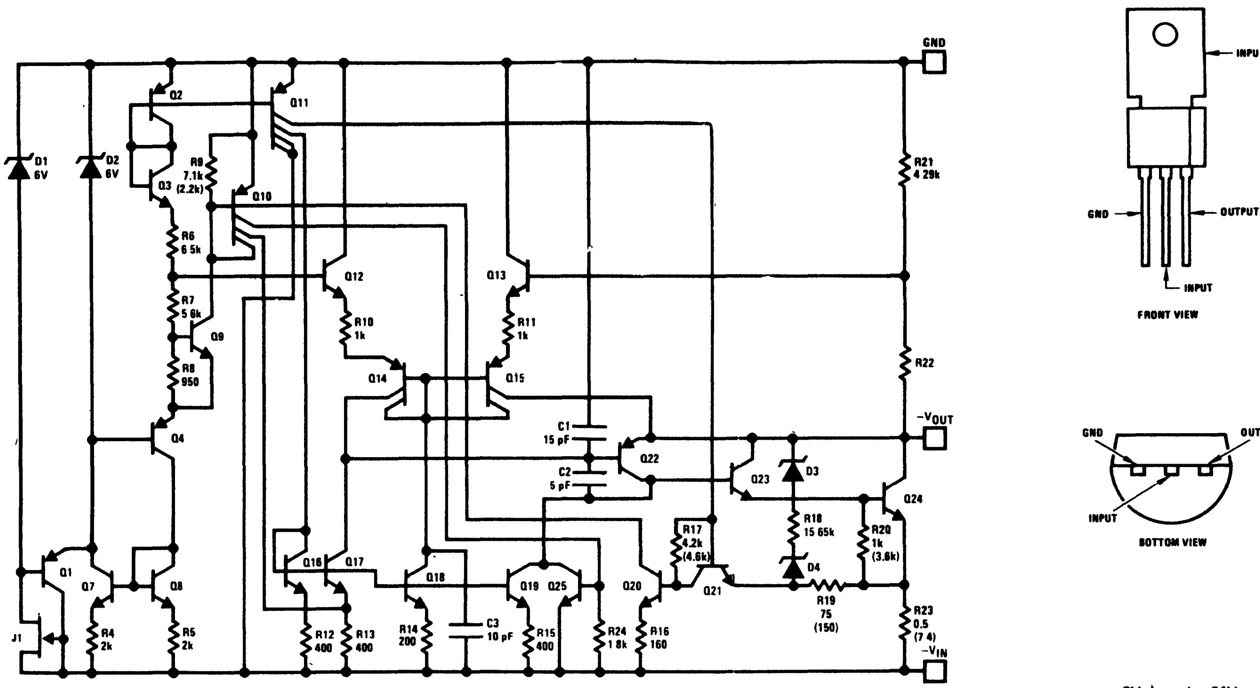




Pin 1 – input
Pin 2 – output
Case – ground

* COMPONENTS MARKED WITH AN ASTERISK APPLY FOR VR199a ONLY

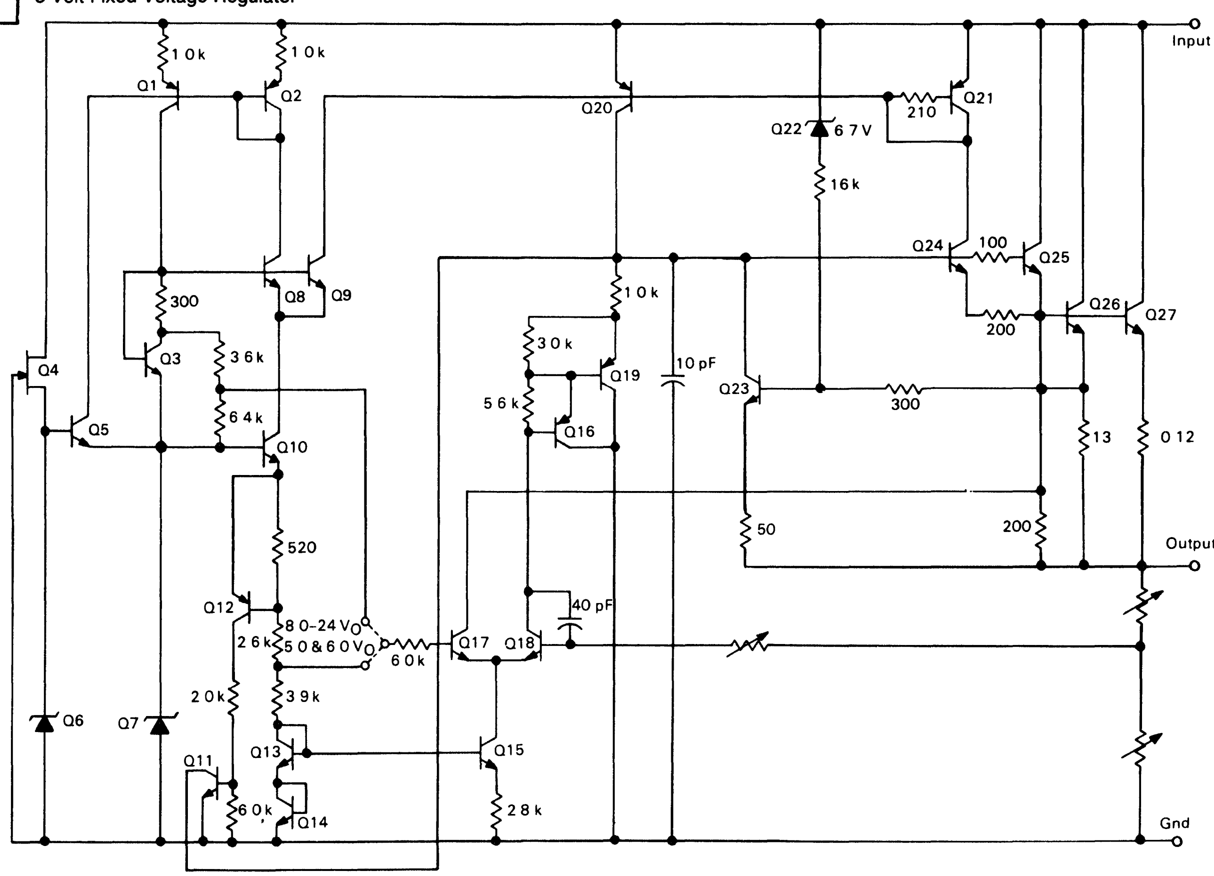
VR201 Fixed Voltage Regulator



−8V through −24V

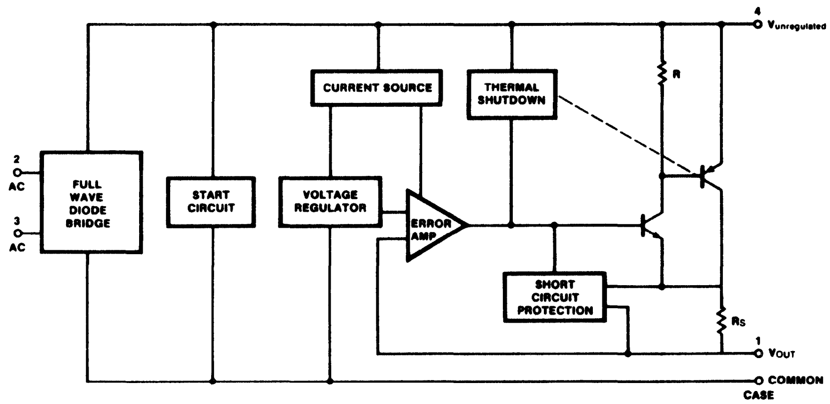
VR201a

VR241 5 Volt Fixed Voltage Regulator

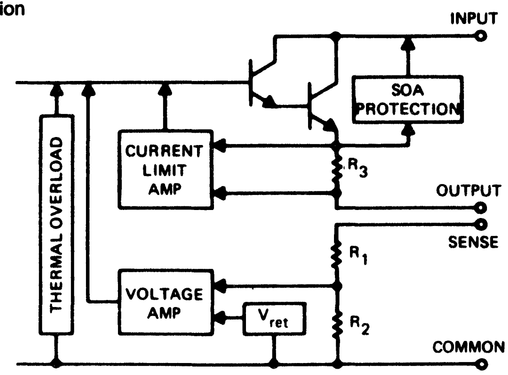


17. CIRCUIT DRAWINGS

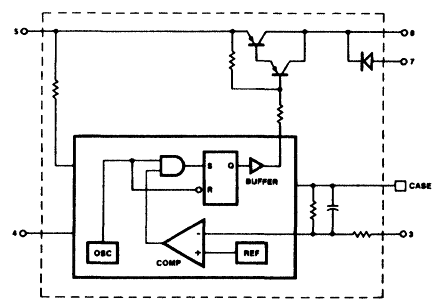
VR211
AC-to-Regulated-DC Converter



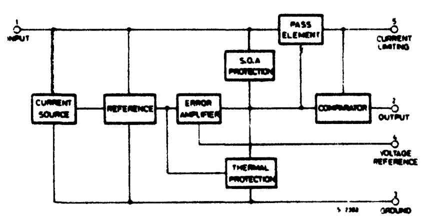
VR209
Adj. Linear Voltage Regulator W/Protection



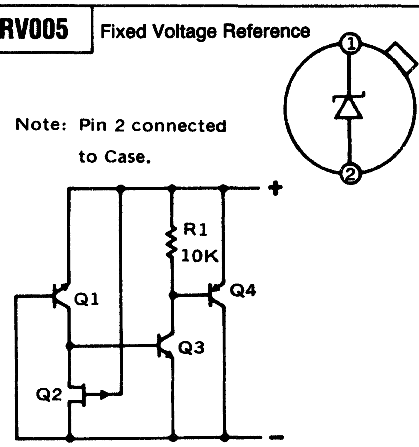
VR210
Switch-Mode Supply Circuit



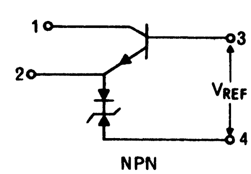
VR219
Adj. Voltage Regulator W/Current Limit Control



RV005
Fixed Voltage Reference

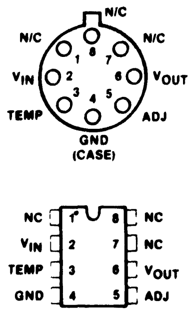


RV025
Fixed Voltage Reference



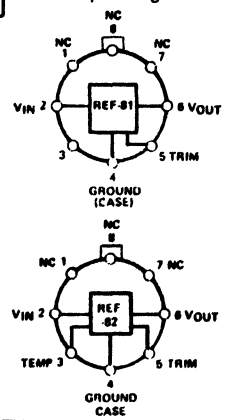
17. CIRCUIT DRAWINGS

RV1901 Voltage Reference with Output Amplifier – 8 pin DIP or Can

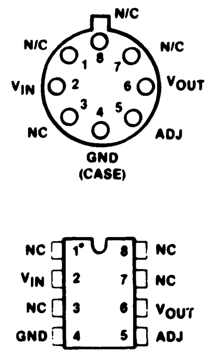


8 PIN PLASTIC MINI DIP

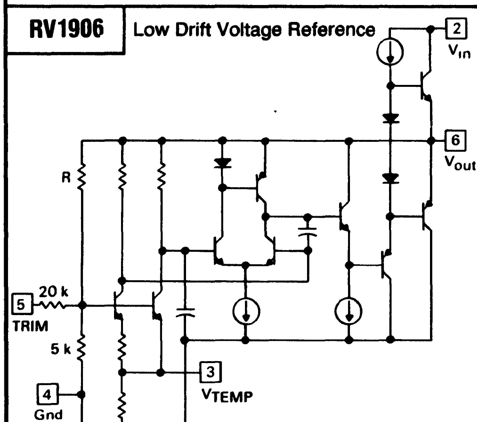
RV1902 Band Gap Voltage Reference



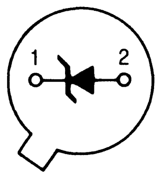
RV1903 Telecommunication Voltage Reference – 8 pin DIP or Can



RV1906 Low Drift Voltage Reference

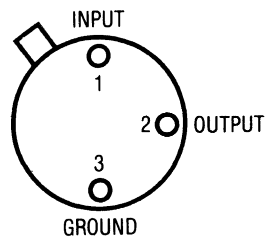


RV1919 Precision Voltage Reference



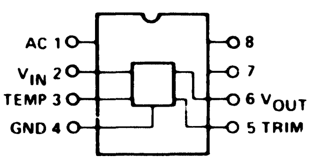
RV6315 Precision Voltage Reference

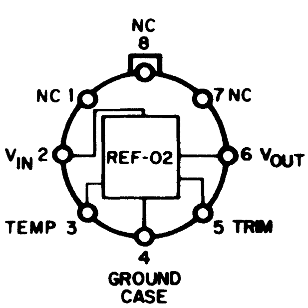
BOTTOM VIEW



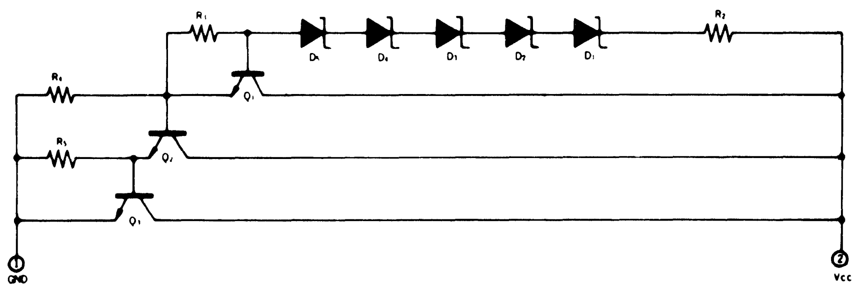
TO-5 METAL CAN

RV6303 Low Power Voltage Reference

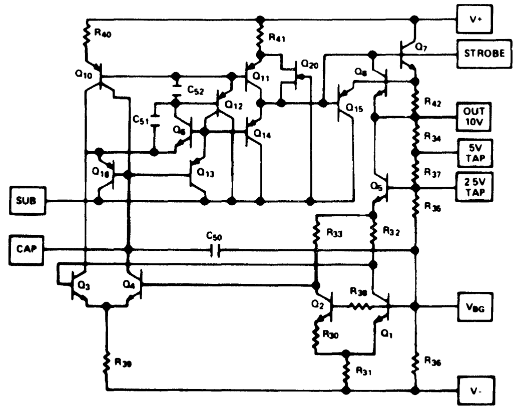




RV6313 Voltage Reference

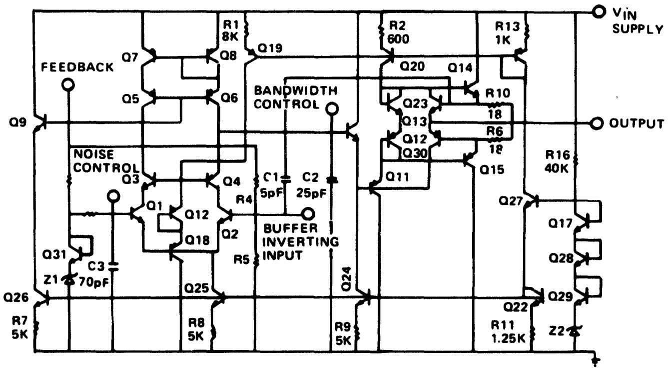


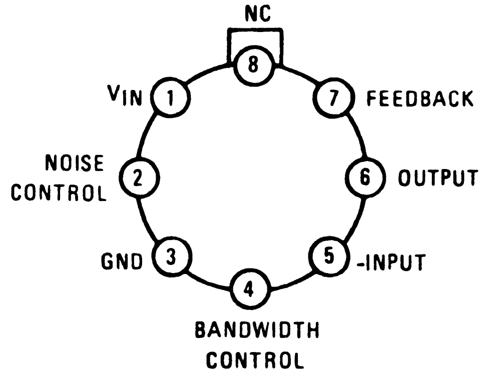
RV6316 Pin Programmable Precision Voltage Reference



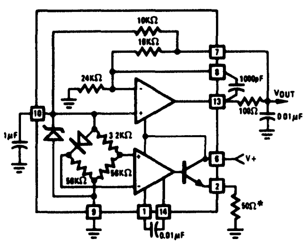
17. CIRCUIT DRAWINGS

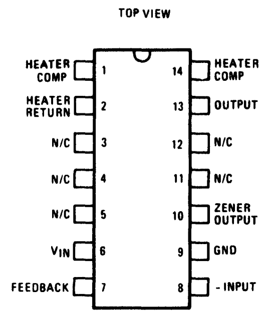
RV6319 Fixed Voltage Reference



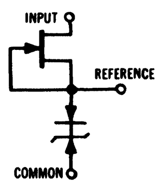


RV6320 Fixed Voltage Reference

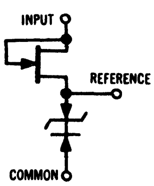




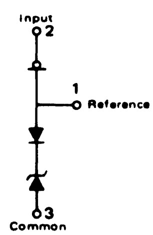
RV083 Fixed Voltage Reference



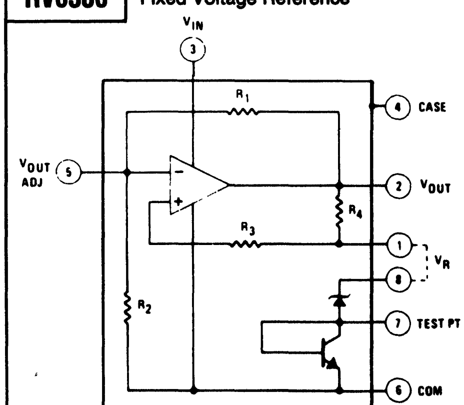
RV084 Fixed Voltage Reference



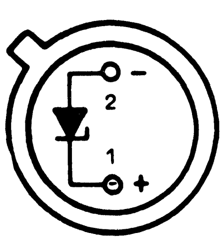
RV6305 Fixed Voltage Reference



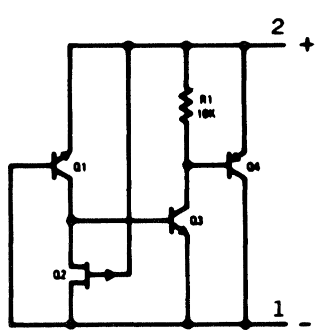
RV6306 Fixed Voltage Reference



RV6403 Voltage Stabilizer



RV6405 Voltage Regulator Diode



DRAWING INDEX – LINEAR DISCONTINUED DEVICES

CIRCUIT DRAWINGS

LINEAR DISCONTINUED DEVICES – DRAWING INDEX

CIRCUIT DRAWINGS

MANUFACTURERS' LOGOS

AEGG – AEG-Telefunken Anlagentechnik
ALGG – Telefunken Electronic GmbH

AEIL – Marconi Electronic Devices, Ltd.

AMC – Ampower Semiconductor Corp.

AMD – Advanced Micro Devices, Inc.

AMI – American Microsystems Inc.

ANA – Analog Devices, Inc.

APX – Amperex Electronic Co.

BELI – Bharat Electronics, Ltd.

CER – Cermetek, Inc.

CMI – CTS Microelectronics, Inc.

DIO – Dionics Inc.

DMC – DYMEC

ELMA – ELCOMA

GESY – General Electric Semiconductor Co.

GTE – GTE Microcircuits Div.

HUG – Hughes Aircraft Co.

INL – Intersil, Inc.

ITL – Intel Corp.

MOS – Mostek Corp.

MANUFACTURERS' LOGOS

MOTA – Motorola Semiconductor Products, Inc.

NAS – National Semiconductor Corp.

NECJ – Nippon Electric Co.

NTLB – Newmarket Transistors Corp.

PHIB – Philco Radio Televisao Ltda.

PHIC – Philips Electronics Ltd.

RET – E G & G Reticon

SLCB – Semitron, Ltd.

SOD – Solitron Devices, Inc.

SONY – Sony Corp.

SSS – Sprague Solid State

STC – Silicon Transistor Corp.

STX – Supertex, Inc.

TIIB – Texas Instrument, Ltd.

TOSJ – Toshiba Corp.

TRW – TRW LSI Products
TRWS – TRW RF Device Division

TSI – Transistor Specialtys, Inc.

VAO/VARO – Varo Semiconductor, Inc.

MANUFACTURERS' CODES, NAMES & ADDRESSES

SPACE-SAVERS UTILIZED IN THIS MANUFACTURER LISTING

(*) – Manufacturer not a current commercial producer – address is that last recorded in our files. Company may or may not be active at this address.

see (code) – Indicates one or more of the following changes have occurred since original letter code was used: (1) Change of code; (2) Change of manufacturer name; (3) Purchase by or combination with another manufacturer.

MANUFACTURERS IN ORDER OF D.A.T.A. CODE LETTERS

(*)	**ADC**	– ADC Digital Products, Div. of Canoga Electronics Corp., 8966 Comanche Ave., Chatsworth, CA 91311
(*)	**ADV**	– Advanced Research Associates, Box 68, Kensington, MD
	AEGG	– AEG-Telefunken Anlagentechnik, Postfach 2160, D-4788 Warstein 2, Industriekomponten W. Germany
	AEIL	– Marconi Electronic Devices, Ltd., 160 Smith St., Farmingdale, NY 11735
	ALGG	– Telefunken Electronic GmbH, Verkaufsforderung, Postfach 1109, 7100 Heilbronn, West Germany
(*)	**AMC**	– Ampower Semiconductor Corp., 375 Kings Highway, Smithtown, Long Island, NY 11788
	AMD	– Advanced Micro Devices, Inc., P.O. Box 3453, Sunnyvale, CA 94088
	AME	– Advanced MicroElectronics, Inc., – see (APX)
	AMI	– American Microsystems Inc., 3800 Homestead Rd., Santa Clara, CA 95051
(*)	**AMP**	– AMP Inc., Box 3608, Harrisburg, PA 17105
	ANA	– Analog Devices Inc., P.O. Box 280, Norwood, MA 02062
	ANS	– Analog Systems, P.O. Box 35879, Tucson, AN 85740
	APX	– Amperex Electronic Co., Slatersville Div., George Washington Hwy., Smithfield, RI 02917
(*)	**ATL**	– Atlantic Instruments Corp., 50 Hunt St., Watertown, MA 02172
	AVA	– Avantek Inc., 3175 Bowers Ave., Santa Clara, CA 95051
	BEC	– Babcock Display Products, Inc., 1051 S. East Street, Anaheim, CA 92805
	BECK	– Beckman Instruments Inc., see (BEC)
	BELI	– Bharat Electronics, Ltd., Jalahalli PO, Bangalore 13, South India
(*)	**BNT**	– Burns & Towne Inc., 18-36 Granite St., Haverhill, MA 01830
	BRUB	– Brush Clevite – see (ITTG)
	BUB	– Burr-Brown Research Corp., P.O. Box 11400, Tucson, AZ 85734
(*)	**CAM**	– Cambridge Thermonic Corp., Digital System, 445 Concord Ave., Cambridge, MA 02138
(*)	**CAR**	– Carter Transistor Corp., 29 North Mall, Plainview, NY 11803
(*)	**CEQ**	– Control Equipment Corp., 19 Kearney Rd., Needham Heights, MA 02194
	CER	– Cermetek, Inc., 1308 Borregas Ave., Sunnyvale, CA 94088-3565
	CHE	– Cherry Semiconductor, 2000 South County Trail, E. Greenwich, RI 02818
(*)	**CLC**	– Computer Logic Corp., 1528 20th St., Santa Monica, CA 90404
	CMI	– CTS Microelectronics, Inc., 905 N.W. Blvd., Elkhart, IN 46514
	CPD	– Devar, Inc., 706 Bostwick Ave., Bridgeport, CT 06605
	CSR	– CSR Industries, Inc., 35 Central Ave., East Farmingdale, NY 11735
	DDC	– ILC Data Devices Corp., 105 Wilbur Pl. Airport Int'l Plaza, Bohemia, NY 11716
(*)	**DEL**	– Delco Electronics Div., 700 E. Firmin St., M/S S113, Kokomo, IN 46901
(*)	**DIC**	– Dickson Electronics Corp., 310 South Wells Fargo Ave., Scottsdale, AZ 85252
	DIO	– Dionics Inc., 65 Rushmore St., Westbury, NY 11590
	DMC	– DYMEC, 8 Lowell Ave., Winchester, MA 01890
(*)	**DTC**	– Data Tech, A Div. of Penril Corp., 2700 S. Fairview Rd, Santa Ana, CA 92704

MANUFACTURERS IN ORDER OF D.A.T.A. CODE LETTERS (Cont'd)

	DTL	– G.E. Datel, 11 Cabot Blvd., Mansfield Ind. Pk., Mansfield, MA 02048
(*)	**EEC**	– Electronic Engineering Co., of Calif., 1441 E. Chestnut Ave., Santa Ana, CA 92701
	EGG	– E G & G, 35 Congress St., Salem, MA 01970
(*)	**ELE**	– Electromation Co., 4254 Glencoe Ave., Venice, CA 90291
(*)	**ELLB**	– Elliot Automation Microelectronics Ltd., Borehamwood, Hertfordshire, England
(*)	**ELMA**	– ELCOMA, 67-71 Mars Rd., Lane Cove, N.S.W. 2006 Australia
	EXR	– Exar Corp. Inc., 750 Palomar Ave., P.O. Box 3575, Sunnyvale, CA 94088
	FCAJ	– Fujitsu Ltd., 1015 Kamikodanaka Nakahara-Ku, Kawasaki, Kanagawa 211, Japan
(*)	**FCP**	– Fairchild MOD, 3500 Deer Creek Rd., Palo Alto, CA 94304
	FERB	– Ferranti Electronics Ltd., Fields New Rd. Chadderton, Oldham OL9 8NP, England
	FSC	– Fairchild Camera & Inst., 450 National Ave., Mountain View, CA 94042
(*)	**GECB**	– GEC Semiconductors, Ltd., Witham, Essex, England
(*)	**GEM**	– Great Eastern Manufacturing Co., 163 Remsen Ave., Brooklyn, NY 11212
	GESY	– General Electric Semiconductor Co., Electronics Park Bldg. 7, Syracuse, NY 13221
	GIC	– General Instrument Corp., 600 West John St., Hicksville, NY 11802
(*)	**GPS**	– GPS Corp., 14 Burr St., Framingham, MA 01701
	GTE	– GTE Microcircuits Div., 2000 W. 14th St., Tempe, AZ 85281
	HAS	– Harris Semiconductor, P.O. Box 883, Melbourne, FL 32901
	HBC	– Hybrid Systems Corp., 22 Linell Circle, Suburban Ind. Park, Billerica, MA 01821
(*)	**HIS**	– Honeywell Information Systems, Old Connecticut Path, Framingham, MA 01701
	HITJ	– Hitachi Ltd., 2210 O'Toole Ave., San Jose, CA 95131
(*)	**HSC**	– Helios Semiconductor Co., York Industrial Park, Bldg. "Q", Stanton, CA 90680
(*)	**HUG**	– Hughes Aircraft Co., 500 Superior Ave., Newport Beach, CA 92663
(*)	**INI**	– Intellux, Inc., 26 Coromar Dr., Goleta, CA 93017
	INL	– Intersil, Inc., 10600 Ridgeview Ct., Cupertino, CA 95014
	INT	– Intronics Inc., 57 Chapel St., Newton, MA 02158
	ITI	– Intech Inc., 282 Brokaw Rd., Santa Clara, CA 95050
	ITL	– Intel Corp., 3065 Bowers Ave., Santa Clara, CA 95051
	ITTG	– ITT Semiconductors Intermetall, P.O. Box 840, D-7800 Freiburg I Br., West Germany
	LAM	– Lambda Semiconductors, 121 International Dr., Corpus Christi, TX 78410
(*)	**LED**	– Ledex Inc., 123 Webster St., Dayton, OH 45402
(*)	**LSI**	– Lithic Systems, Inc., P.O. Box 478, Saratoga, CA 95070
	LTIC	– Linear Technology Inc., P.O. Box 489 Sta. A, Burlington, ON L7R 3Y3
	MAL	– Mallory Distributor Prod. Co., P.O. Box 1284, Indianapolis, IN 46206
	MATJ	– Matsushita Electronics Corp., 1 Kotari-Yakemachi, Nagaokakyo, Kyoto 617 Japan
	MDI	– Modular Devices Corp., 50 Orville Dr., Airport Int'l Plaza, Bohemia, NY 11716
	MEHK	– Micro Electronics Ltd., 38 Hung To Rd., Kwun Tong, Hong Kong
(*)	**MEP**	– Mepco, Inc., 1815-24th St., Santa Monica, CA 90404
(*)	**MIS**	– Mini-Systems, Inc., 20 David Rd., North Attleboro, MA 02761
	MITC	– Mitel Semiconductor, P.O. Box 13320, Kanata, Ottawa, Ontario, K2K 1X5
	MITJ	– Mitsubishi Elect. Corp. Kita-Itami Works, 4-1 Mizuhara, Itami City, Hyogo-Pref., Japan
	MNC	– Micro Networks Co., 324 Clark St., Worcester, MA 01606
	MOS	– Mostek Corp., 1215 W. Crosby Rd., Carrollton, TX 75006
	MOTA	– Motorola Semiconductor Products Inc., 3501 El Bluestein Blvd., Austin, TX 78721
	MPI	– Micropac Industries Inc., P.O. Box 469017, Garland, TX 75046
	MPS	– Micro Power Systems, 3100 Alfred St., Santa Clara, CA 95054

MANUFACTURERS IN ORDER OF D.A.T.A. CODE LETTERS (Cont'd)

	MULB	– Mullard Limited, New Road, Mitcham, Surrey, England CR4 4XY
(*)	**NAS**	– National Semiconductor Corp., P.O. Box 443, Danbury, CT
	NECJ	– Nippon Electric Co., Ltd., 484 Tsukagoshi, 3-Chome, Saiwai-Ku, Kawasaki City, Manangawa 210 Japan
	NIT	– Nitron, Inc., 10420 Bubb Rd., Cupertino, CA 95014
	NSC	– National Semiconductor Corp., P.O. Box 58090, Santa Clara, CA 95052
(*)	**NTLB**	– Newmarket Transistors Corp., Exning Rd., Newmarket, Suffolk, England
(*)	**NTR**	– National Transistor Corp., 1033 No. Fairoaks Ave., Sunnyvale, CA 94086
	OEI	– Optical Electronic Inc., P.O. Box 11140, Tucson, AZ 85734
	OPA	– Opamp Labs, Inc., 1033 N. Sycamore Ave., Los Angeles, CA 90038
(*)	**OPT**	– Optimax Inc., P.O. Box 105, Advance Ln., Colmar, PA 18915
	PHIB	– Philco Radio Televisao Ltda., Rua Sta Virginia 299 Tatuape, Sao Paulo CP 4753 Brazil
(*)	**PHIC**	– Philips Electronics Ltd., 601 Milner Ave., Scarborough, M1B IM8, Ontario, Canada
(*)	**PHIL**	– Philco Ford Corp., 3885 Bohannon Dr., Menlo Park, CA 94025
	PHIN	– Philips Elect. Comp. Material Div., Elcoma Comm. Dept., Eindhoven, Netherlands
	PLSB	– Plessey Semiconductors, Cheney Manor, Swindon Wiltshire, England SN2 2QW
	PMI	– Precision Monolithics, Inc., P.O. Box 0988, Palo Alto, CA 94306
(*)	**QDC**	– Qualidyne Corp., 1230 Bordeaux Dr., Sunnyvale, CA 94086
	QUM	– Q.D.C. Corporation, 3568 U.S. Highway 22, Somerville, NJ 08876
	RCA	– RCA Corporation-Solid State Div., Rt. 202 M/S 463, Somerville, NJ 08876
	RET	– E G & G Reticon, 45 Williams St., Wellesley, MA 02181
(*)	**ROA**	– RO Associates Inc., 917 Terminal Way, San Carlos, CA 94070
	RTCF	– R.T.C. LaRadiotechnique-Compelec, 130 Avenue Ledru-Rollin, Paris Cedex 11 France, 75540
	RTN	– Raytheon Company, 350 Ellis St., Mountain View, CA 94043
	SAKJ	– Sanken Electric Co. Ltd., 1-22-8 Nishi Ikebukuro, Toshima-Ku, Tokyo, Japan
	SELI	– Semiconductors Limited, M/S Advani Oerlikon Ltd Ahmednagar Rd., Mile 4/5 Poona-411 014, India
(*)	**SERA**	– Servex Semiconductor Div., P.O. Box 26, Oakleigh, Victoria 3166, Australia
(*)	**SESC**	– Societe Europeenne Des Semiconductors, 41 Rue de la Amiral Mouchez, 75 Paris 13, France
	SGAI	– (See SGSI)
	SGL	– Silicon General Inc., 11861 Western Ave., Garden Grove, CA 92642
	SGSI	– SGS-ATES Componenti Electtronici SpA Via C Olivetti 2, -20041 Agrate Brianza Milan, Italy
	SIC	– Signetics Corp., 811 East Arques Ave. M/S 1227, Sunnyvale, CA 94086
	SIE	– Siemens Corp., 186 Wood Ave., Iselin, NJ 08830
	SIEG	– Siemens Aktiengesellschaft, Balanstrasse 73, D-8000, Munchen 80, West Germany
	SIL	– Silicon Systems, Inc., 14351 Myford Rd., Tustin, CA 92680
	SIX	– Siliconix Inc., 2201 Laurelwood Rd., Santa Clara, CA 95054
	SLCB	– Semitron, Ltd., Cricklade, Wiltshire, England SN6 6HQ
	SOD	– Solitron Devices, Inc., 1177 Blue Heron Blvd., Riviera Beach, FL 33404
	SONY	– Sony Corp., Information Center Atsugi Plant, 4-14-1, Asahicho, Atsugi City, Kanaguawa 253, Japan
	SPR	– Sprague Electric Co., 87 Marshall St., N. Adams, MA 01247
(*)	**SSD**	– Sperry Semiconductors, 380 Main Ave., Norwalk, CT 06852
	SSE	– Solid State Electronics Corp., 18646 Parthenia, Northridge, CA 91324
	SSS	– Sprague Solid State, 3900 Welsh Rd., Willow Grove, PA 19090
(*)	**STC**	– Silicon Transistor Corp., Katrina Rd., Chelmsford, MA 01824

MANUFACTURERS IN ORDER OF D.A.T.A. CODE LETTERS (Cont'd)

	STX	– Supertex, Inc., 1350 Bordeaux Drive, Sunnyvale, CA 94088
(*)	SWM	– Stewart-Warner Microcircuits, Inc., 730 E. Evelyn Ave., Sunnyvale, CA 94086
(*)	SYL	– Sylvania Electric Products Inc., 100 Sylvan Rd., Woburn, MA 01801
(*)	TADI	– Tadiran Israel Electronics Ind. Ltd., 3 Hashalom Rd/P.O. Box 648, Tel Aviv 61000 Israel
	TAI	– Toko America Inc., 5520 W. Touhey Ave., Skokie, IL 60077
(*)	TCY	– Teledyne Crystalonics, Inc., 147 Sherman St., Cambridge, MA 02140
(*)	TEC	– Transitron Electronic Corp., 168-182 Albion St., Wakefield, MA 01880
(*)	THCI	– Thomson-CSF Componenti, Divisione Semiconduttori SESCOSEM, Via Melchiorre Gioia, 72, 20125 Milano, Italy
	THEF	– Thomson-CSF Comp. – Semiconductor Div., 6660 Variel Ave., Canoga Park, CA 91303
	TII	– Texas Instruments Inc., Literature Response Center, P.O. Box 809066, Dallas, TX 75240
	TIIB	– Texas Instruments, Ltd., Manton Lane, Bedford, MK 41 7PA England
	TLT	– Teltone, 10801 120th Ave., N.E., Kirkland, WA 98033
	TOSJ	– Toshiba Corp., Microelectronics Center, Center 1 Komukai, Toshiba s/o Sai Kawasaki 210, Japan
	TPN	– Teledyne Philbrick, Allied Dr. at Route 128, Dedham, MA 02026
	TRA	– Tecnetics, Inc., P.O. Box 910, Boulder, CO 80306
	TRW	– TRW LSI Products, P.O. Box 2472, La Jolla, CA 92038
	TRWS	– TRW RF Device Division, 14520 Aviation Blvd., Lawndale, CA 90260
	TSAJ	– Tokyo Sanyo Electric Co., Ltd., Oizumimachi Oragun, Gumma, Japan
	TSC	– Teledyne Semiconductor Corp., 1300 Terra Bella Ave., Mountain View, CA 94039
	TSI	– Transistor Specialtys, Inc., 3 Electronics Ave., Danvers, MA 01923
(*)	TUNH	– Action Tungsram, Inc., 11 Elkins Rd., East Brunswick, NJ 08816
	USC	– Unisem Corp., see (SOD)
(*)	VAD	– Varadyne, Inc., 1805 Colorado Ave., Santa Monica, CA 90404
	VALG	– Valvo GMBH, P.O. Box 106323, D-2000 Hamburg 1, West Germany
	VAO	– (see Varo)
	VARO	– Varo Semiconductor, Inc., 2800 W. Kingsley Rd., Garland, TX 75041
(*)	VDM	– Varian Data Machines, 2722 Michelson Dr., Irvine, CA 92664
(*)	WEC	– Western Electric Co., Inc., Marion and Vine Streets, Lauderdale, PA
(*)	WESC	– Canadian Westinghouse Co., Ltd., Solid State Devices Dept., P.O. Box 510, Hamilton, Ontario, Canada
	WESY	– Westinghouse Electric Corp., Semiconductor Div., Youngwood, PA 15697
(*)	WJC	– Watkins-Johnson Company, 3333 Hillview Ave., Stanford Ind. Park, Palo Alto, CA 94304
(*)	XDS	– Xerox Data Systems, 555 South Aviation Blvd., El Segundo, CA 90245
(*)	ZEL	– Zeltex Inc., 940 Detroit Ave., Concord, CA 94518