NOTES:

4. REF COMPOWER CORP. CP-5102 SCHEMATIC. DWG NO 90017
3. CUT FOR 220V OPERATION
2. ALL RESISTORS ARE ±5%, 1/4W.
1. ELECTRICAL VALUES ARE IN OHMS, MICROFARADS AND MICROHENRIES.

VICTOR' BUSINESS PRODUCTS

SHT. 1 OF 1   REV. P1

DWG. NO 100701

PWR. SUPPLY SCHEMATIC

APPENDIX B

B.1 <u>**Victor 9000 Keyboard Layout**</u>

Legend:
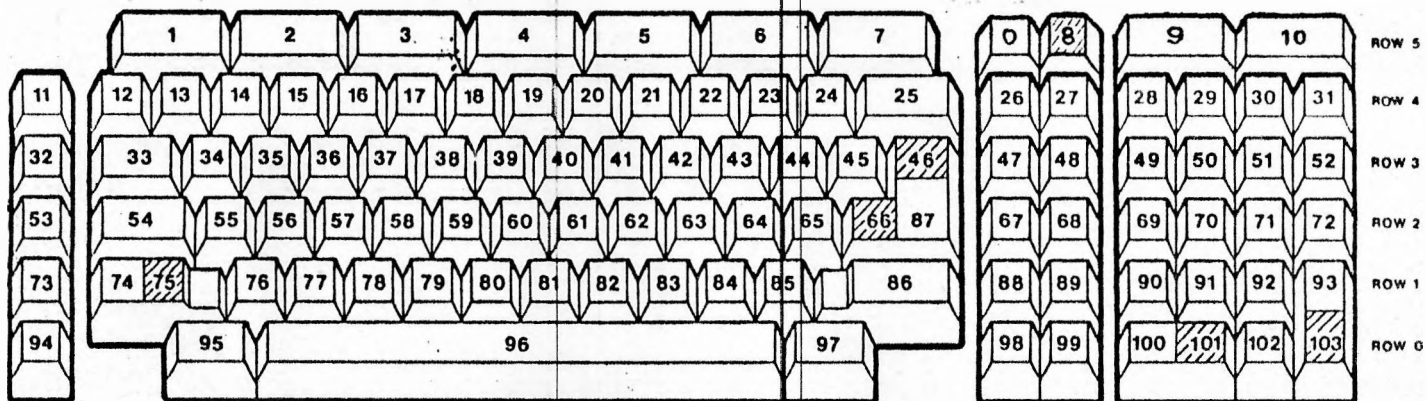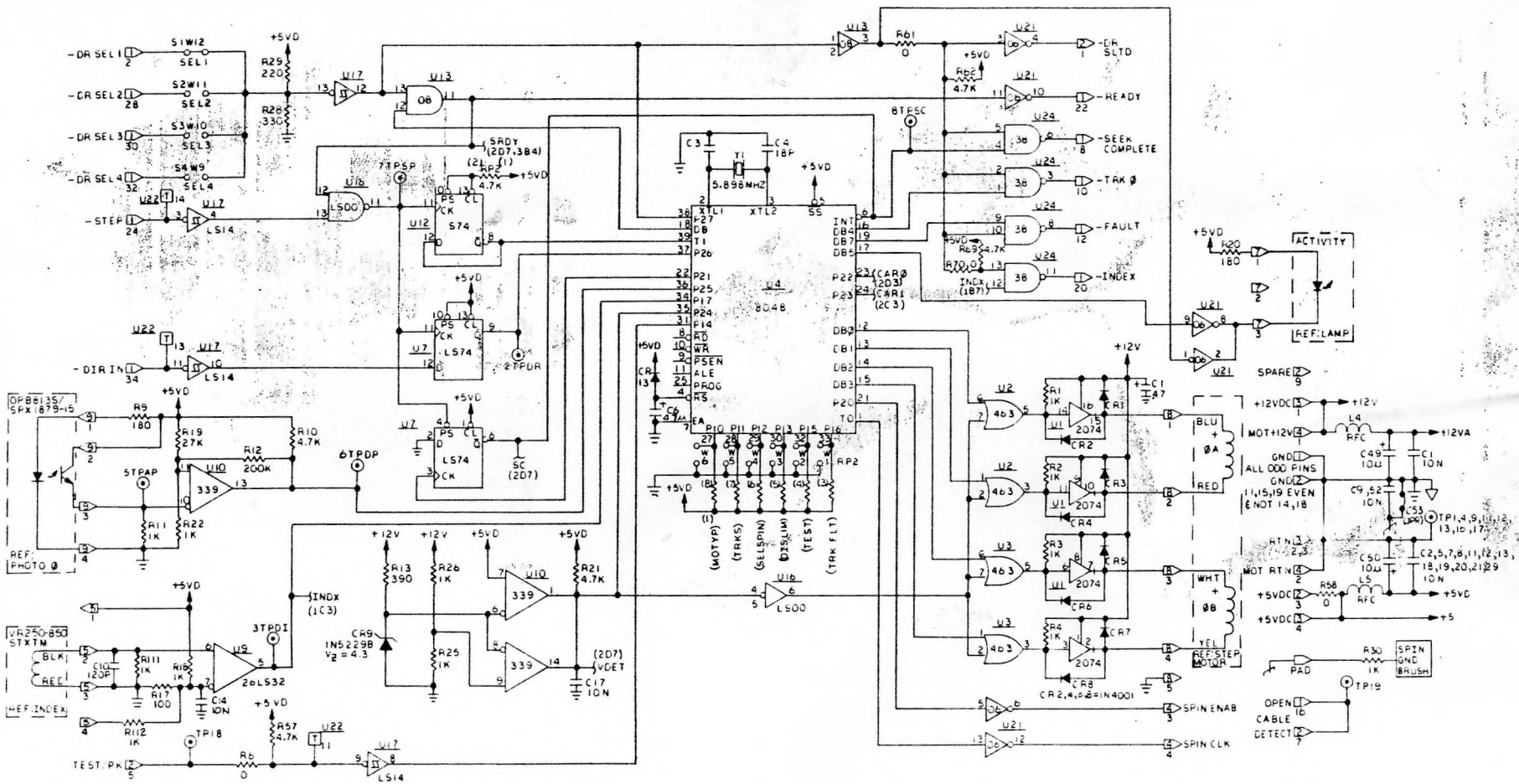
Shaded region indicates unused key switch

Figure 2
**Victor 9000 Keyboard Configuration
with Key Switch Positions and Logical Key Numbers**

NOTES:

6. X̲ Y DENOTES CONNECTOR JX, PIN Y.

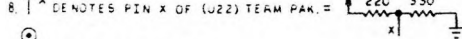5. INDUCTORS ARE IN UH, 10%.

4. DIODES ARE IN4148 OR EQUIV.

3. CAPS ARE IN PF, NF, OR UF, 25V MIN. TOLERANCE IS 10% FOR VALUES ABOVE 1N, 5% OTHERWISE.

2. 1% RESISTORS ARE 1/8W.

1. RESISTORS ARE IN OHMS, 1/4 W 5%.

9. UNVALUED COMPONENTS ARE OMITTED.

8. T̲ X DENOTES PIN X OF (U22) TERM PAK.

7. DENOTES TEST POINT.

B-2

B

DIFFERENCES BETWEEN STANDARD KEYBOARDS

Logical Key Numbers for Standard Portable Keyboards

Logical Key Numbers for Standard S1/V9000 Keyboards

1	2	3	4	5	6	7		0	8	9	10		ROW 5
11	12 13	14 15	16 17	18 19	20 21	22 23	24 25	26 27	28 29	30 31			ROW 4
32	33 34	35 36	37 38	39 40	41 42	43 44	45 46	47 48	49 50	51 52			ROW 3
53	54 55	56 57	58 59	60 61	62 63	64 65	66 87	67 68	69 70	71 72			ROW 2
73	74 75	76 77	78 79	80 81	82 83	84 85	86	88 89	90 91	92 93			ROW 1
94	95	96					97	98 99	100 101	102 103			ROW 0

KEY SWITCH POSITIONS AND LOGICAL KEY NUMBERS

PWR. SUPPLY SCHEMATIC

Handwritten annotations on the schematic include:
- 5 AMP
- LOAD RESISTORS
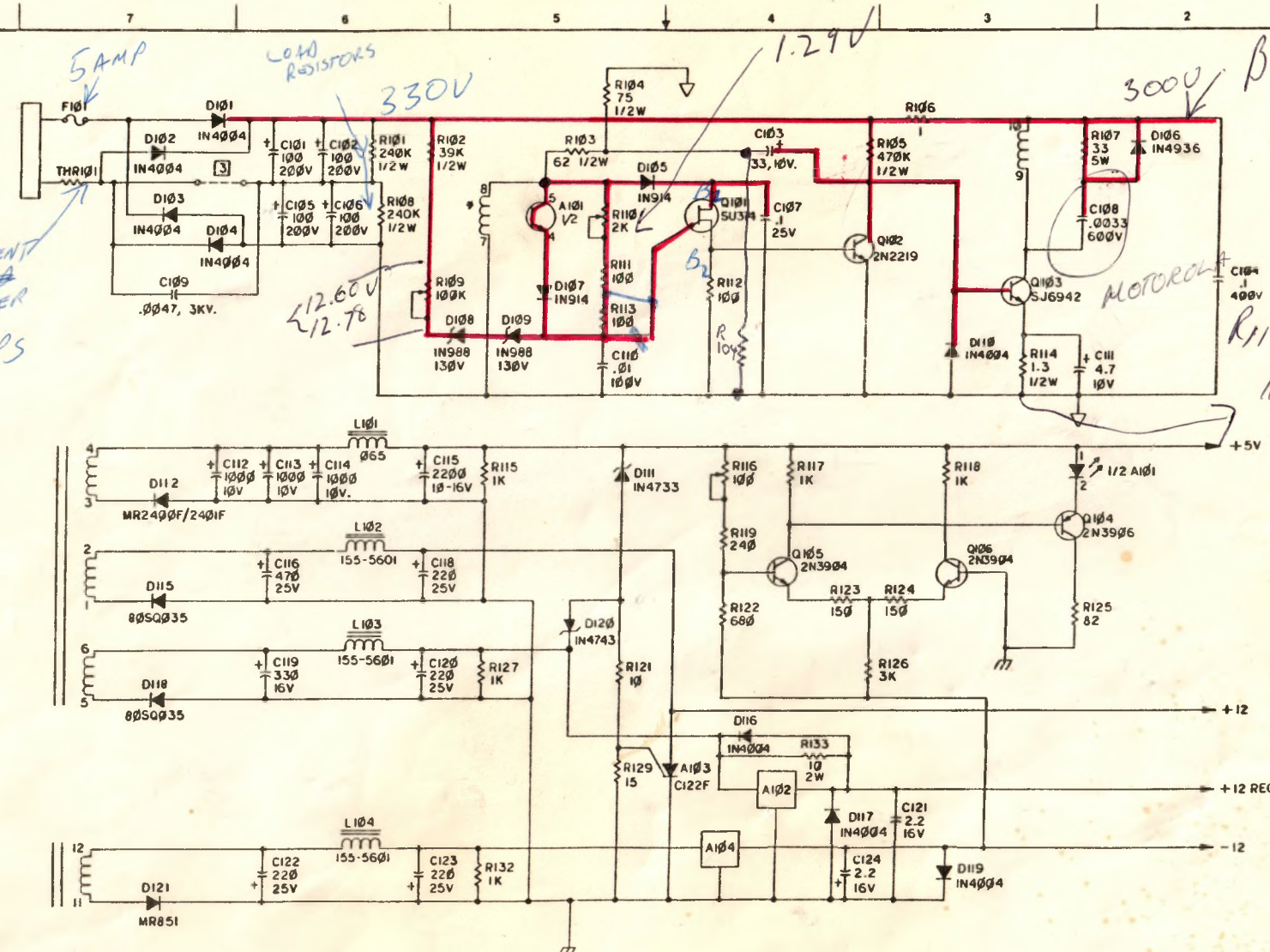- 330V
- 1.29V
- 3000V BEMF
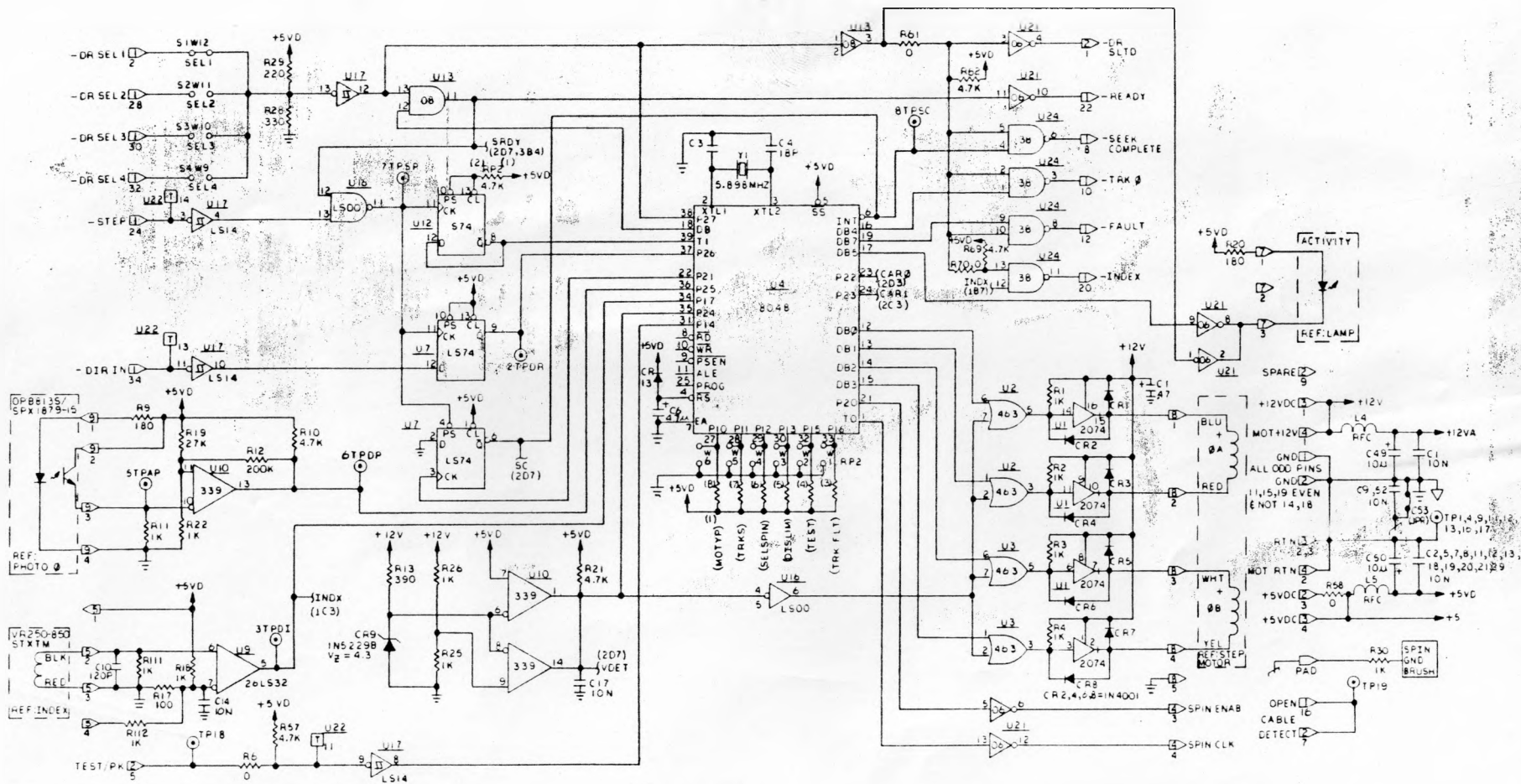- CURRENT LIMITER FOR CAPS
- ≤12.60V / 12.78
- MOTOROLA
- R114 KEEP 103 FROM SATURATION

Notes:
4. REF COMPOWER CORP. CP-5102 SCHEMATIC, DWG NO. 90017
3. CUT FOR 220V OPERATION
2. ALL RESISTORS ARE ±5%, 1/4W.
1. ELECTRICAL VALUES ARE IN OHMS, MICROFARADS AND MICROHENRIES.

Notes:
6. ⟨X⟩ DENOTES CONNECTOR JX, PIN Y.
5. INDUCTORS ARE IN UH, 10%.
4. DIODES ARE IN4448 OR EQUIV.
3. CAPS ARE IN PF, NF, OR UF, 25V MIN. TOLERANCE IS 10% FOR VALUES ABOVE 1N, 5% OTHERWISE.
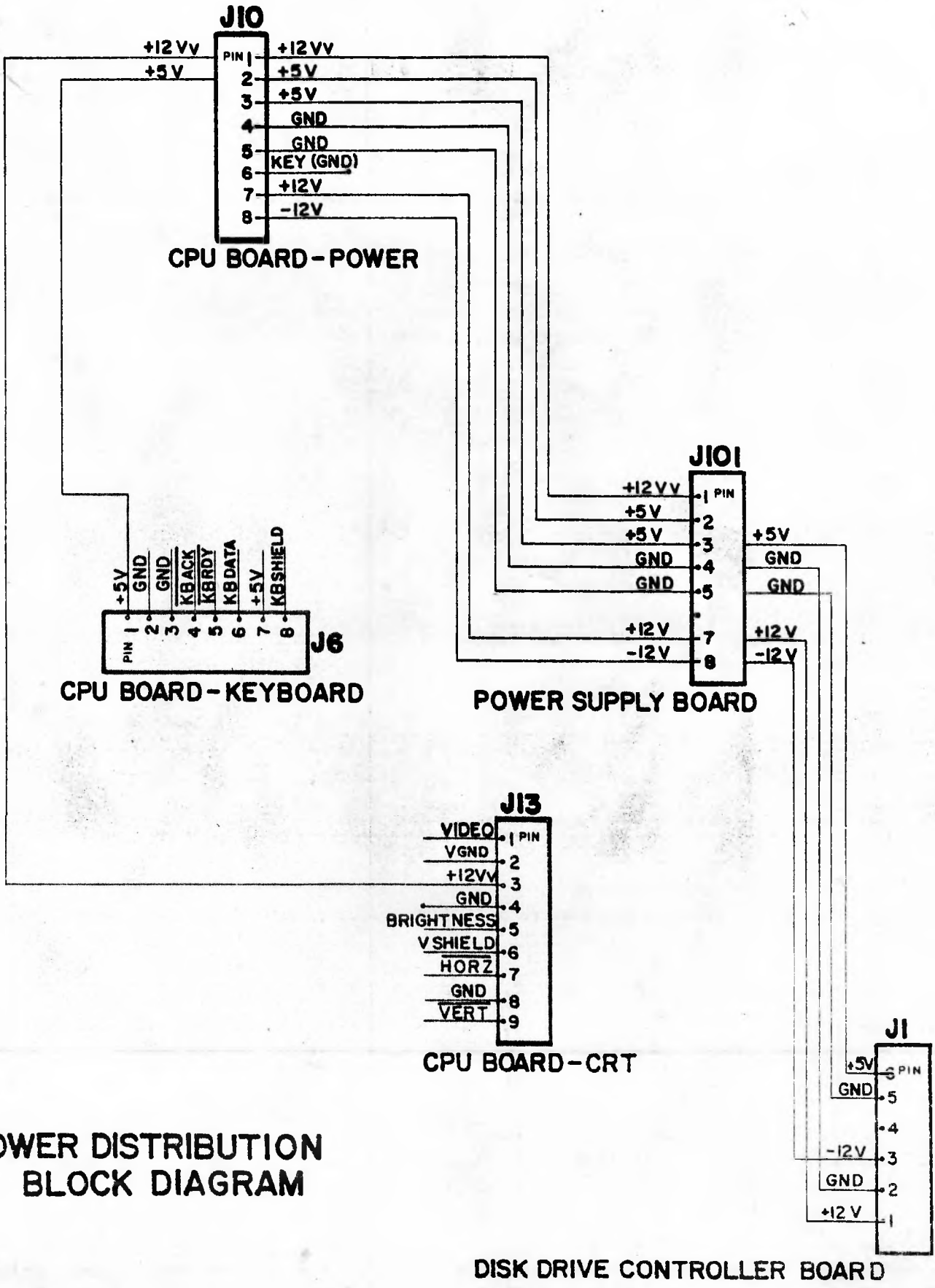2. 1% RESISTORS ARE 1/8W.
1. RESISTORS ARE IN OHMS, 1/4 W 5%.

9. UNVALUED COMPONENTS ARE OMITTED.
8. [T]x DENOTES PIN X OF (J22) TERM PAK = [220 | 330]
7. [⊙] DENOTES TEST POINT.

J10

PIN		
+12 VV	1	+12 VV
+5 V	2	+5 V
	3	+5 V
	4	GND
	5	GND
	6	KEY (GND)
	7	+12V
	8	-12V

CPU BOARD-POWER

J6

+5V	GND	GND	KBACK	KBRDY	KBDATA	+5V	KBSHIELD
PIN 1	2	3	4	5	6	7	8

J6

CPU BOARD-KEYBOARD

J101

	PIN	
+12 VV	1	
+5 V	2	
+5 V	3	+5 V
GND	4	GND
GND	5	GND
+12 V	7	+12 V
-12 V	8	-12 V

POWER SUPPLY BOARD

J13

	PIN	
VIDEO	1	
VGND	2	
+12Vv	3	
GND	4	
BRIGHTNESS	5	
V SHIELD	6	
HORZ	7	
GND	8	
VERT	9	

CPU BOARD-CRT

J1

	PIN	
+5V	6	
GND	5	
	4	
-12 V	3	
GND	2	
+12 V	1	

DISK DRIVE CONTROLLER BOARD

POWER DISTRIBUTION
BLOCK DIAGRAM