VOLUME 048 MACHINE 3705- -0080232 MODEL M81 SYSTEM 0002904 MODE BOX SHIP 81/12/11

LOGIC TYPE -0- SYSTEMS DIAGRAMS

PAGE NUM	SH	TITLE	PART NUM	EC NUM	FEATURE B/M OR B/MS			
AAAA1		BINDER TAB VOL 048	0008496509	322577	.W.	0001762993	.W.	0001862344
RA000		CHANNEL ADAPTOR 1	0005153974	344270	.W.	0001762993		
RA001		CHANNEL ADAPTOR 1	0005153975	344270	.W.	0001762993		
RA011		CHANNEL ADAPTOR 1	0001986974	344270	.W.	0001762993		
RA012		CHANNEL ADAPTOR 1	0001986975	344600	.W.	0001762993		
RA013		CHANNEL ADAPTOR 1	0001986976	344600	.W.	0001762993		
RA014		CHANNEL ADAPTOR 1	0001785103	309949	.W.	0001762993		
RA015		CHANNEL ADAPTOR 1	0001785104	309944	.W.	0001762993		
RA016		CHANNEL ADAPTOR 1	0001785105	309949	.W.	0001762993		
RA017		CHANNEL ADAPTOR 1	0001785106	309944	.W.	0001762993		
RA018		CHANNEL ADAPTOR 1	0001986977	344270	.W.	0001762993		
RA020		CHANNEL ADAPTOR 1	0001785109	309545	.W.	0001762993		
RA050		CHANNEL ADAPTOR 1	0001785110	309541	.W.	0001762993		
RA051		CHANNEL ADAPTOR 1	0001785111	309533	.W.	0001762993		
RA052		CHANNEL ADAPTOR 1	0001785112	312926	.W.	0001762993		
RA101		CHANNEL ADAPTOR 1	0001986979	344270	.W.	0001762993		
RA102		CHANNEL ADAPTOR 1	0001986980	344270	.W.	0001762993		
RA103		CHANNEL ADAPTOR 1	0001986981	344600	.W.	0001762993		
RA104		CHANNEL ADAPTOR 1	0001986982	344270	.W.	0001762993		
RA105		CHANNEL ADAPTOR 1	0001986983	344270	.W.	0001762993		
RA106		CHANNEL ADAPTOR 1	0001986984	344270	.W.	0001762993		
RA107		CHANNEL ADAPTOR 1	0001986985	344270	.W.	0001762993		
RC101		CHANNEL ADAPTOR 1	0001785120	309949	.W.	0001762993		
RC102		CHANNEL ADAPTOR 1	0001785121	309545	.W.	0001762993		
RC103		CHANNEL ADAPTOR 1	0001986986	344270	.W.	0001762993		
RC104		CHANNEL ADAPTOR 1	0001785123	312926	.W.	0001762993		
RC105		CHANNEL ADAPTOR 1	0001785124	309548	.W.	0001762993		
RC106		CHANNEL ADAPTOR 1	0001785125	309545	.W.	0001762993		
RC107		CHANNEL ADAPTOR 1	0001785126	309545	.W.	0001762993		
RC201		CHANNEL ADAPTOR 1	0001986978	344600	.W.	0001762993		
RC202		CHANNEL ADAPTOR 1	0001986987	344270	.W.	0001762993		
RC203		CHANNEL ADAPTOR 1	0001785129	309533	.W.	0001762993		
RC204		CHANNEL ADAPTOR 1	0001785130	321750	.W.	0001762993		
RC205		CHANNEL ADAPTOR 1	0001986988	344270	.W.	0001762993		
RC206		CHANNEL ADAPTOR 1	0001785132	321750	.W.	0001762993		
RC301		CHANNEL ADAPTOR 1	0001785133	309545	.W.	0001762993		
RC302		CHANNEL ADAPTOR 1	0001785134	309533	.W.	0001762993		
RC303		CHANNEL ADAPTOR 1	0001785135	309533	.W.	0001762993		
RC304		CHANNEL ADAPTOR 1	0001785136	309533	.W.	0001762993		
RC305		CHANNEL ADAPTOR 1	0001785137	309545	.W.	0001762993		
RC306		CHANNEL ADAPTOR 1	0001785138	309548	.W.	0001762993		
RC307		CHANNEL ADAPTOR 1	0001785139	309548	.W.	0001762993		

VOLUME 048 MACHINE 3705- -0080232 MODEL M81 SYSTEM 0002904 MODE BOX SHIP 81/12/11

LOGIC TYPE -0- SYSTEMS DIAGRAMS

PAGE NUM	SH	TITLE	PART NUM	EC NUM	FEATURE B/M OR B/MS
RC308		CHANNEL ADAPTOR 1	0001785140	309545	.W. 0001762993
RC309		CHANNEL ADAPTOR 1	0001785141	309548	.W. 0001762993
RC401		CHANNEL ADAPTOR 1	0001785142	309545	.W. 0001762993
RC402		CHANNEL ADAPTOR 1	0001785143	309548	.W. 0001762993
RC403		CHANNEL ADAPTOR 1	0001986989	344270	.W. 0001762993
RC404		CHANNEL ADAPTOR 1	0001785145	309545	.W. 0001762993
RC405		CHANNEL ADAPTOR 1	0001785146	309548	.W. 0001762993
RC406		CHANNEL ADAPTOR 1	0001785147	321750	.W. 0001762993
RC407		CHANNEL ADAPTOR 1	0001785148	309548	.W. 0001762993
RC501		CHANNEL ADAPTOR 1	0001785149	315618	.W. 0001762993
RC502		CHANNEL ADAPTOR 1	0001785150	309548	.W. 0001762993
RC503		CHANNEL ADAPTOR 1	0001986990	344270	.W. 0001762993
RC504		CHANNEL ADAPTOR 1	0001785152	315618	.W. 0001762993
RC505		CHANNEL ADAPTOR 1	0004499503	344600	.W. 0001762993
RC601		CHANNEL ADAPTOR 1	0001986991	344270	.W. 0001762993
RC602		CHANNEL ADAPTOR 1	0001986992	344270	.W. 0001762993
RC701		CHANNEL ADAPTOR 1	0001785156	309533	.W. 0001762993
RC702		CHANNEL ADAPTOR 1	0001785157	309545	.W. 0001762993
RC703		CHANNEL ADAPTOR 1	0001785158	309545	.W. 0001762993
RC704		CHANNEL ADAPTOR 1	0001785159	309545	.W. 0001762993
RC705		CHANNEL ADAPTOR 1	0001785160	309944	.W. 0001762993
RC706		CHANNEL ADAPTOR 1	0004499504	344600	.W. 0001762993
RC707		CHANNEL ADAPTOR 1	0001785162	309949	.W. 0001762993
RC801		CHANNEL ADAPTOR 1	0001785163	309944	.W. 0001762993
RC802		CHANNEL ADAPTOR 1	0001785164	309944	.W. 0001762993
RF101		CHANNEL ADAPTOR 1	0001785165	309548	.W. 0001762993
RF102		CHANNEL ADAPTOR 1	0001785166	309545	.W. 0001762993
RF103		CHANNEL ADAPTOR 1	0001785167	309944	.W. 0001762993
RF104		CHANNEL ADAPTOR 1	0001785168	309545	.W. 0001762993
RF105		CHANNEL ADAPTOR 1	0001986993	344270	.W. 0001762993
RF106		CHANNEL ADAPTOR 1	0001785170	309545	.W. 0001762993
RF201		CHANNEL ADAPTOR 1	0001785171	309533	.W. 0001762993
RF202		CHANNEL ADAPTOR 1	0001785172	309545	.W. 0001762993
RF203		CHANNEL ADAPTOR 1	0001785173	309545	.W. 0001762993
RF204		CHANNEL ADAPTOR 1	0001785174	309545	.W. 0001762993
RF205		CHANNEL ADAPTOR 1	0001785175	309944	.W. 0001762993
RF206		CHANNEL ADAPTOR 1	0004499505	344600	.W. 0001762993
RF207		CHANNEL ADAPTOR 1	0001785177	309533	.W. 0001762993
RS101		CHANNEL ADAPTOR 1	0001986994	344270	.W. 0001762993
RS102		CHANNEL ADAPTOR 1	0001986995	344270	.W. 0001762993
RS103		CHANNEL ADAPTOR 1	0001986996	344270	.W. 0001762993
RS104		CHANNEL ADAPTOR 1	0001986997	344270	.W. 0001762993

VOLUME 048 MACHINE 3705- -0080232 MODEL M81 SYSTEM 0002904 MODE BOX SHIP 81/12/11

LOGIC TYPE -0- SYSTEMS DIAGRAMS

PAGE NUM	SH	TITLE	PART NUM	EC NUM	FEATURE B/M OR B/MS
RS105		CHANNEL ADAPTOR 1	0001986998	344270	.W. 0001762993
RS106		CHANNEL ADAPTOR 1	0001986999	344270	.W. 0001762993
RS107		CHANNEL ADAPTOR 1	0001987000	344270	.W. 0001762993
RS201		CHANNEL ADAPTOR 1	0001987001	344270	.W. 0001762993
RS202		CHANNEL ADAPTOR 1	0001987002	344600	.W. 0001762993
RS203		CHANNEL ADAPTOR 1	0001987003	344600	.W. 0001762993
RS204		CHANNEL ADAPTOR 1	0001987004	344600	.W. 0001762993
RS205		CHANNEL ADAPTOR 1	0001987005	344270	.W. 0001762993
RS206		CHANNEL ADAPTOR 1	0001987006	344270	.W. 0001762993
RS301		CHANNEL ADAPTOR 1	0001987007	344270	.W. 0001762993
RS302		CHANNEL ADAPTOR 1	0001987008	344270	.W. 0001762993
RS303		CHANNEL ADAPTOR 1	0001987009	344270	.W. 0001762993
RS304		CHANNEL ADAPTOR 1	0001987010	344270	.W. 0001762993
RS305		CHANNEL ADAPTOR 1	0001987011	344270	.W. 0001762993
RS306		CHANNEL ADAPTOR 1	0001987012	344270	.W. 0001762993
RS307		CHANNEL ADAPTOR 1	0001987013	344270	.W. 0001762993
RS308		CHANNEL ADAPTOR 1	0001987014	344270	.W. 0001762993
RS401		CHANNEL ADAPTOR 1	0001987015	344270	.W. 0001762993
RS402		CHANNEL ADAPTOR 1	0001987016	344270	.W. 0001762993
RS403		CHANNEL ADAPTOR 1	0001987017	344270	.W. 0001762993
RS404		CHANNEL ADAPTOR 1	0005153913	344270	.W. 0001762993

TOTAL PART NUMBERS THIS MACHINE 846 TOTAL PART NUMBERS THIS VOLUME 105

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A1          CONNECTOR
            E11   RS205FK6

A2          CONNECTOR
            B02   RA106FL2
            B04   RA106FB6
            B05   RA106FC6
            B06   RA106FD6
            B08   RA106FE6
            B09   RA106FF6
            B10   RA106FG6
            B12   RA106FH6
            B13   RA106FJ6
            D02   RA107FL2
            D03   RA107FB6
            D05   RA107FC6
            D06   RA107FD6
            D07   RA107FE6
            D09   RA107FF6
            D10   RA107FG6
            D11   RA107FH6
            D13   RA107FJ6

A3          CONNECTOR
            B02   RA013DB1
            B04   RA013DB3
            B05   RA013DB5
            B06   RA013DB7
            B08   RA013DC2
            B09   RA013DC4
            B10   RA013DC6
            B12   RA013DD1
            B13   RA013DD3
            D02   RA013DD5
            D03   RA013DD7
            D05   RA013DE2
            D06   RA013DE4
            D07   RA013DE6
            D09   RA013DF1
            D10   RA013DF3
            D11   RA013DF5
            D13   RA013DF7

A4          CONNECTOR
            B02   RA106FL2
            B04   RA106FB6
            B05   RA106FC6
            B06   RA106FD6
            B08   RA106FE6
            B09   RA106FF6
            B10   RA106FG6
            B12   RA106FH6
            B13   RA106FJ6
            D02   RA107FL2
            D03   RA107FB6
            D05   RA107FC6
            D06   RA107FD6
            D07   RA107FE6
            D09   RA107FF6
            D10   RA107FG6
            D11   RA107FH6
            D13   RA107FJ6

A5          CONNECTOR
            B02   RA013DB1
            B04   RA013DB3
            B05   RA013DB5
            B06   RA013DB7
            B08   RA013DC2
            B09   RA013DC4
            B10   RA013DC6
            B12   RA013DD1
            B13   RA013DD3
            D02   RA013DD5
            D03   RA013DD7
            D05   RA013DE2
            D06   RA013DE4
            D07   RA013DE6
            D09   RA013DF1
            D10   RA013DF3
            D11   RA013DF5
            D13   RA013DF7

B1          CONNECTOR
            A13   RS402FG2
            B11   RS205FL6
            B13   RS403FG2
            C11   RS204FH2
            C13   RS404FG2
            D11   RS204FK2
            E13   RS404FD2

B2          CONNECTOR
            B02   RA011DH1
            B04   RA011DH3
            B05   RA011DH5
            B06   RA011DH7
            B08   RA011DJ2
            B09   RA011DJ4
            B10   RA011DJ6
            B12   RA011DK1
            B13   RA011DK3
            D02   RA011DK5
            D03   RA011DK7
            D05   RA011DL2
            D06   RA011DL4
            D07   RA011DL6
            D09   RA011DM1
            D10   RA011DM3
            D11   RA011DM5
            D13   RA011DM7

B3          CONNECTOR
            B02   RA013DH1
            B04   RA013DH3
            B05   RA013DH5
            B06   RA013DH7
            B08   RA013DJ2
            B09   RA013DJ4
            B10   RA013DJ6
            B12   RA013DK1
            B13   RA013DK3
            D02   RA013DK5
            D03   RA013DK7
            D05   RA013DL2
            D06   RA013DL4
            D07   RA013DL6
            D09   RA013DM1
            D10   RC204GH2
            D11   RA013DM5
            D13   RA013DM7

B4          CONNECTOR
            B02   RA011DH1
            B04   RA011DH3
            B05   RA011DH5
            B06   RA011DH7
            B08   RA011DJ2
            B09   RA011DJ4
            B10   RA011DJ6
            B12   RA011DK1
            B13   RA011DK3
            D02   RA011DK5
            D03   RA011DK7
            D05   RA011DL2
            D06   RA011DL4
            D07   RA011DL6
            D09   RA011DM1
            D10   RA011DM3
            D11   RA011DM5
            D13   RA011DM7

B5          CONNECTOR
            B02   RA013DH1
            B04   RA013DH3
            B05   RA013DH5
            B06   RA013DH7
            B08   RA013DJ2
            B09   RA013DJ4
            B10   RA013DK1
            B12   RA013DJ6
            B13   RA013DK3
            D02   RA013DK5
            D03   RA013DK7
            D05   RA013DL2
            D06   RA013DL4
            D07   RA013DL6
            D09   RA013DM1
            D10   RC204GH2
            D11   RA013DM5
            D13   RA013DM7

C1          CONNECTOR
            A11   RS107DF6
            A13   RS402FD2
            B11   RS107DG6
            B13   RS403FD2
            C11   RS105ED2
            E11   RS308CF6

C2          CONNECTOR
            B02   RA012DB1
            B04   RA012DB3
            B05   RA012DB5
            B06   RA012DB7
            B08   RA012DC2
            B09   RA012DC4
            B10   RA012DC6
            B12   RA012DD1
            B13   RA012DD3
            D02   RA012DD5
            D03   RA012DD7
            D05   RA012DE2
            D06   RA012DE4
            D07   RA012DE6
            D09   RA102034
            D10   RA103CL6
            D11   RS202FF2
            D13   RC407CB6

C3          CONNECTOR
            B02   RA012DH1
            B04   RA012DH3
            B05   RA012DH5
            B06   RA012DH7
            B08   RA012DJ2
            B09   RA012DJ4
            B10   RA012DJ6
            B12   RA012DK1
            B13   RC103FK2
            D02   RA012DK3
            D03   RF105GD2
            D05   RA012DK5
            D06   RA012DK7
            D07   RA012DL2
            D09   RA012DM1
            D10   RA012DM3
            D11   RA012DM5
            D13   RA012DM7

C4          CONNECTOR
            B02   RA012DB1
            B04   RA012DB3
            B05   RA012DB5
            B06   RA012DB7
            B08   RA012DC2
            B09   RA012DC4
            B10   RA012DC5
            B12   RA012DD1
            B13   RA012DD3
            D02   RA012DD5
            D03   RA012DD7
            D05   RA012DE2
            D06   RA012DE4
            D07   RA012DE6
            D09   RA102034
            D10   RA103CL6
            D11   RS202FF2
            D13   RC407CB6

C5          CONNECTOR
            B02   RA012DH3
            B05   RA012DH7
            B08   RA012DJ4
            B10   RA012DK1
            B13   RA012DK3
            D03   RA012DK5
            D06   RA012DL2
            D09   RA012DM1
            D10   RA012DM3
            D11   RA012DM5
            D13   RA012DM7

D1          CONNECTOR
            E11   RA018DK3
            E13   RA018DJ4

D2          QUAD    CARD        CA1
D3                  5857428 6828
D4
D5

            RA107 00 01 02 03 04 05
                  06 07
            RA101 08 09 0A 0B 0C 0D
                  0E 0F 0G 0H 0J
            RA106 0K
            RA101 0L
            RA106 0M
            RA101 0N
            RA106 0P
            RA102 0Q
            RA106 0R
            RA103 0S 0T
            RA102 0U
            RA103 0V
            RA106 0W 0X 0Y 0Z
            RA102 10 11 12
            RA106 13
            RA107 14
            RA101 15 16
            RA106 17 18 19 1A
            RA101 1B 1C
            RA106 1D 1E 1F 1G 1H
            RA107 1J
            RA102 1K 1L
            RA101 1M 1N
            RA107 1P 1Q 1R
            RA102 1S 1U 1V 1W
            RA106 1X
            RA107 1Y
            RA103 1Z 20 21 22 23 24
                  25 26
            RA101 27 28
            RA107 29 2A 2B 2C 2D
            RA103 2E 2F

E1          CONNECTOR
            A11   RS404FD2
            B13   RA018DL2
            C11   RS105DK6
            C13   RA018DL4
            D11   RS205FM6
            D13   RA018DL6
            E11   RA018DM7

F1          CONNECTOR
            A13   RA018DJ2
            B11   RA018DM1
            B13   RS401FG2
            C11   RA018DM3
            C13   RA018DK7
            D11   RA018DM5
            E13   RA018DJ6

G1          CONNECTOR
            A11   RS205FJ6
            A13   RA018DK1

H1          CONNECTOR
            A11   RS302FL6
            A13   RS302FH6
            B11   RS107DB6
            C13   RS106DE6
            D11   RS107DC2
            D13   RS106DF6
            E11   RS107DD6
            E13   RS106DG6

J1          CONNECTOR
            A11   RS301FH2
            B13   RS106DH6
            C11   RS301FL2
            C13   RS106DJ6
            D11   RS301FK2
            D13   RS106DK6
            E11   RS301FJ2

K1          CONNECTOR
            A13   RS302FJ6
            B11   RS106DD6
            B13   RS302FK6

K2          QUAD    CARD        CA1
K3                  8251996 7603
K4
K5

            RC503 00
            RC501 01 02 03 04 05
            RC502 06
            RC505 07 08
            RC502 09
            RC503 0A 0B 0C 0D
            RC501 0E 0F 0G 0H
            RC503 0J 0K
            RC502 0L
            RC505 0M 0N 0P
            RC501 0Q
            RC504 0R
            RC501 0S
            RC503 0T
            RC505 0U 0V
            RC501 0W
            RC503 0X 0Y 0Z 10
            RC502 11
            RC505 12
            RC503 13 14 15 16
            RC505 17
            RC503 18 19 1A 1B
            RC502 1C 1D
            RC505 1E 1F
            RC504 1G
            RC503 1H 1J
            RC505 1K 1L
            RC503 1M
            RC501 1N
            RC503 1P
            RC501 1Q 1R
            RC504 1S
            RC505 1T 1U 1V
            RC502 1W
            RC501 1X 1Y 1Z
            RC502 20
            RC504 21 22 23 24 25 26
            RC505 27 28
            RC502 29 2A 2B 2C 2D 2E
                  2F 2G 2H 2J 2K 2L
            RC505 2M
            RC502 2N 2P 2Q 2R
            RC503 2S
            RC502 2T 2U 2V 2W 2X 2Y
            RC504 2Z 30
            RC501 31
            RC503 32 33 34 3E
            RC504 3F
            RC505 3G
            RC501 3H
            RC502 3J
            RC503 3P 3Q
            RC505 3R
            RC504 3S 3T 3U 3V 3W 3X

L2          QUAD    CARD        CA1
L3                  8238687 7602
L4
L5

            RC405 00
            RC407 01
            RC402 02 03
            RC403 04 05 06 07 08
            RC401 09 0A
            RC406 0B 0C
            RC405 0D
            RC401 0E 0F
            RC404 0G
            RC401 0H 0J
            RC402 0K 0L
            RC404 0M
            RC402 0N
            RC404 0P
            RC402 0Q
            RC403 0R
            RC406 0S
            RC407 0T
            RC405 0U 0V 0W
            RC406 0X
            RC402 0Y 0Z
            RC407 10
            RC402 11 12
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            RC406 1B
            RC402 1C
            RC405 1D 1E
            RC406 1G
            RC402 1H
            RC406 1J
            RC402 1K
            RC403 1L
            RC402 1M
            RC405 1N
            RC402 1P
            RC406 1Q
            RC403 1R 1S 1T
            RC404 1U
            RC403 1V
            RC406 1W 1X
            RC403 1Y
            RC402 1Z
            RC405 20
            RC406 21
            RC405 22
            RC404 23
            RC407 24
            RC403 25 26 27 28
            RC402 29
            RC403 2A 2B
            RC405 2C
            RC407 2D 2E
            RC406 2F
            RC404 2G 2H 2J 2K 2L
            RC405 2M
            RC401 2N 2P 2Q 2R
            RC404 2S 2T
            RC402 2U
            RC403 2V 2W 2X
            RC404 2Y
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            RC403 37
            RC401 38
            RC404 39
            RC406 3A 3B 3C
            RC404 3G
            RC402 3H 3J
            RC403 3K 3L
            RC406 3P
            RC404 3R
            RC403 40
            RC406 60

M2          QUAD    CARD        CA1
M3                  8231720 2325
M4
M5

            RC307 00
            RC303 01 02
            RC306 03
            RC309 04 05
            RC307 06 07
            RC308 08
            RC307 09
            RC303 0A 0B
            RC305 0C
            RC301 0D 0E 0F 0G 0H 0J
                  0K 0L
            RC306 0M 0N 0P 0Q 0R 0S
                  0T 0U 0V 0W 0X 0Y
                  0Z 10 11 12
            RC305 13 14 15 16 17 18
                  19 1A 1B 1C 1D 1E
                  1F 1G 1H
            RC307 1J
            RC305 1K 1L 1M 1N
            RC308 1P
            RC305 1Q
            RC307 1R 1S 1T 1U 1V 1W
                  1X 1Y 1Z
            RC308 20 21
            RC307 22
            RC306 23 24
            RC307 25
            RC303 26
            RC308 27
            RC301 28
            RC305 29
            RC309 2A 2B 2C 2D 2E 2F
                  2G 2H
            RC308 2J 2K 2L 2M
            RC306 2N
            RC308 2P 2Q 2R 2S 2T 2U
                  2V
            RC307 2W 2X 2Y 2Z 30 31
                  32 33 34 35 36 37
                  38
            RC309 39 3A
            RC307 3B 3C 3D 3E 3F 3G
                  3H 3J 3K
            RC306 3L 3M 3N 3P 3Q 3R
                  3S 3T 3U 3V 3W 3X
                  3Y 3Z 40 41
            RC307 42
            RC308 43 44
            RC307 45
            RC308 46 47 48
            RC303 49
            RC306 4A 4B
            RC307 4C
            RC304 4D 4E 4F 4G 4H 4J
                  4K
            RC303 4L 4M 4N 4P
            RC304 4Q 4R 4S 4T 4U
            RC303 4V 4W 4X 4Y
            RC302 4Z 50 51 52 53 54
                  55 56 57 58 59 5A
                  5B 5C 5D 5E 5F 5G
                  5H 5J 5K 5L 5M 5N
                  5P 5Q 5R 5S 5T 5U
            RC303 5V
            RC308 66 67 68

N2          QUAD    CARD        CA1
N3                  8254572 2342
N4
N5

            RC201 00 01 02 03 04 05
                  06 07 08
            RC202 09
            RC201 0A
            RC203 0B 0C
            RC204 0D 0E
            RC207 0F
            RC202 0G 0H 0J
            RC201 0K
            RC202 0L 0M 0N 0P 0Q 0R
                  0S
            RC206 0T
            RC203 0U 0V 0W 0X 0Y
            RC205 0Z
            RC204 10 11
            RC205 12
            RC201 13
            RC202 14
            RC201 15
            RC202 16
            RC204 17
            RC202 18 19 1A 1B
            RC206 1C
            RC202 1D
            RC203 1E
            RC202 1F
            RC204 1G 1H
            RC205 1J 1K 1L 1M
            RC206 1N
            RC205 1P
            RC201 1Q
            RC206 1R
            RC202 1S
            RC205 1T
            RC202 1U
            RC204 1V
            RC202 1W
            RC206 1X 1Y
            RC202 1Z 20 21
            RC205 22 23
            RC203 24
            RC205 25
            RC202 26
            RC205 27 28
            RC204 29
            RC205 2A
            RC204 2B
            RC205 2C 2D 2E
            RC204 2F
            RC205 2G
            RC204 2H 2J 2K
            RC206 2L 2M 2N 2P 2Q 2R
                  2S
            RC204 2T
            RC205 2V 2W 2X
            RC204 2Y
            RC206 2Z
            RC205 30
            RC206 31
            RC205 32
            RC203 33 34 35
            RC206 36
            RC202 37
            RC204 38 39 3A
            RC202 3C
            RC204 3D
            RC203 3E
            RC206 3F
            RC201 3G
            RC204 3H
            RC205 3J
            RC203 3K
            RC204 3L
            RC201 3M
            RC205 3U
            RC206 41
            RC203 43 44
            RC204 45 46
            RC202 60 61

P2          QUAD    CARD        CA1
P3                  8235431 7601
P4
P5

            RC101 00 01 02 03 04 05
            RC102 06 07 08
            RC101 09 0A 0B 0C
            RC104 0D
            RC103 0E 0F
            RC104 0G 0H
            RC103 0J
            RC106 0K 0L 0M 0N
            RC104 0P
            RC103 0Q 0R 0S
            RC106 0T
            RC104 0U
            RC106 0V 0W 0X
            RC102 0Y 0Z 10 11 12
            RC103 13
            RC101 14 15 16 17
            RC103 18
            RC107 19
            RC103 1B
            RC101 1C
            RC104 1D 1E 1F 1G
            RC106 1H 1J
            RC105 1K 1L 1M 1N
            RC106 1P 1Q 1R 1S 1T 1U
                  1V 1W 1X 1Y 12 20
            RC102 21 22 23 24 25 26
                  27 28 29
            RC103 2A
            RC107 2B 2C 2D 2E
            RC104 2F 2G 2H 2J 2K 2L
                  2M 2N 2P
            RC103 2Q 2R
            RC101 2S
            RC105 2T 2U 2V
            RC106 2W 2X 2Y 22 30 31
                  32
            RC103 33 34
            RC102 35 36
            RC103 37
```

SOCKET LISTING
DATE 10-29-80 MACH. 27RNB

LOG 854 BOARD 01A-Y4
PREV. ENGR. - -
PRES. ENGR. 10-14-80 344270
P.N. 5153974

IBM CORP. SDD BLK.

081

```
RC107 38 39 3A 3B 3C 3D
      3E 3F
RC106 3G 3H 3J
RC107 3K 3L 3M 3N 3P 3Q
      3R 3S 3T 3U 3V 3W
RC105 3X 3Y 3Z
RC106 40 41 42
RC104 43 44 45 46 47 48
      49 4A 4B 4C 4D 4E
      4F 4G 4H 4J 4K 4L
      4M 4N 4P 4Q 4R 4S
      4T 4U 58
RC103 59
RC107 60
RC104 61
RC105 62 63 64 65 66 67
```

```
Q2          QUAD   CARD        CA1
Q3          8235422 6836
Q4
Q5
```

```
RC703 00 01
RC702 02 03
RC703 04 05
RC702 06 07
RC701 08
RC702 09
RC701 0A 0B 0C
RC702 0D
RC701 0E 0F
RC703 0G 0H 0J
RC706 0K 0L
RC703 0M
RC706 0N 0P 0Q 0R 0S 0T
RC707 0U 0W 0X 0Y 02 10
RC703 12
RC705 13 14
RC703 15 16 17 18
RC705 19 1A
RC702 1B
RC704 1C 1D
RC702 1E
RC704 1F 1G
RC702 1H
RC705 1J 1K
RC701 1L
RC704 1M 1N
RC701 1P
RC705 1Q 1R
RC701 1S
RC706 1T 1U
RC707 1V 1X
RC703 1Z 20
RC701 22 30 31
RC702 32 33 34
RC703 35 36 37
RC704 38 39 3A
RC705 3B 3C 3D
RC706 3E 4H 4J 4K
RC707 4L
RC706 4M
RC704 4N 4P
RC706 4R 4S 4T 68
RC703 69
RC701 70 71 8F
```

```
R2          QUAD   CARD        TPS
R3          8231672 6837
R4
R5
```

```
RF105 00
RF104 01
RF101 02 03 04 05 06
RF102 07 08 09 0A
RF103 0D 0E 0F 0G
RF104 0H 0J 0K 0L
RF106 0M
RF105 0N
RF106 0R
RF101 0S 0T 0U 0V
RF102 0W 0X
RF103 0Y
RF102 0Z 10
RF104 11
RF103 12 13
RF104 14 15 16
RF101 17 18 19 1A
RF102 1B 1C 1D 1E
RF103 1F 1H
RF104 1J 1K 1L 1M
RF105 1N 1P 1Q
RF106 1R
RF101 1S
RF105 1V 1U
RF105 1Z 20
RF101 21 22 23 24 25
```

```
RF102 26 27 28 29 2A
RF103 2B 2C 2D 2E
RF104 2F 2G 2H 2J 2K
RF105 2L 2M
RF101 2Z
RF103 34
RF106 35 36 37
RF101 3A
RF106 3B 3C 3D 3E 3F 3G
      3H
RF105 3L
RF106 3M 3N 3P 3Q
RF102 3R
RF106 3S 3T 3U 3V 3W 3X
      3Y 3Z 40 41 42 43
      44 45 46
RF103 60
RF105 70 71
```

```
S2          QUAD   CARD        TPS
S3          8235422 6836
S4
S5
```

```
RF203 00 01
RF202 02 03
RF203 04 05
RF202 06 07
RF201 08
RF202 09
RF201 0A 0B 0C
RF202 0D
RF201 0E 0F
RF203 0G 0H 0J
RF206 0K 0L
RF203 0M
RF206 0N 0P 0Q 0R 0S 0T
RF207 0V 0W 0X
RF203 12
RF205 13 14
RF203 15 16 17 18
RF205 19 1A
RF202 1B
RF204 1C 1D
RF202 1E
RF204 1F 1G
RF202 1H
RF205 1J 1K
RF201 1L
RF204 1M 1N
RF201 1P
RF205 1Q 1R
RF201 1S
RF206 1T 1U
RF207 1V 1X 1Y
RF203 1Z 20
RF201 22 30 31
RF202 32 33 34
RF203 35 36 37
RF204 38 39 3A
RF205 3B 3C 3D
RF206 3E 4H 4J 4K
RF207 4L
RF206 4M
RF204 4N 4P
RF206 4R 4S 4T 68
RF203 69
RF201 70 71 8F
```

```
T2          DOUBLE CARD        CA1
T3          8251995 2326

RC601 00 01 02 03 04 05
      06 07 08 09 0A 0B
      0C 0D 0E 0F 0G 0H
      0J 0K 0L 0M 0N 0P
RC602 0Q
RC601 0R
RC602 0S 0T
RC601 0U
RC602 0V 0W 0X 0Y
RC601 0Z
RC602 10 11 11 12 13 15
      16 17 18 19 1B 1J
RC601 1K
RC602 3S 3T 3U
```

```
T4          DOUBLE CARD        CA1
T5          5863413 N869

RC801 01 02 03 04 05 06
      08 09 10 11
RC802 12 13 14 15 16 17
      18 19 20 21 23
RC801 24
```

```
U2          CONNECTOR
            B02   RA016DC2
            B05   RA016DC6
            B08   RA016DD4
            B09   RA016DD4
            B10   RA016DE2
            B12   RA016DE6
            D05   RA016DC4
            D06   RA016DD2
            D09   RA016DD6
            D10   RA016DD6
            D11   RA016DE4
```

```
U3          CONNECTOR
            B02   RF203EL4
            B05   RF201EG4
            B08   RF202EC4
            B09   RF202EC4
            B10   RF202EL4
            B12   RF203EG4
            D05   RF201EC4
            D06   RF201EL4
            D09   RF203EG4
            D10   RF202EG4
            D11   RF203EC4
```

```
U4          CONNECTOR
            B02   RF204EC4
            B05   RF204EG4
            B08   RA017DF2
            B09   RA017DE2
            B10   RA017DC2
            B12   RA017DE2
            D05   RF205EJ4
            D06   RF204EL4
            D09   RC502FA4
            D10   RA017DF6
            D11   RA017DC4
            D13   RA017DC6
```

```
U5          CONNECTOR
            B02   RA017DE6
            B12   RA017DD4
            D05   RA017DE4
            D06   RF205EN4
            D13   RA017DD2
```

```
V2          CONNECTOR
            B02   RA014DC2
            B05   RA014DC6
            B08   RA014DD4
            B09   RA014DD4
            B10   RA014DE2
            B12   RA014DE6
            D05   RA014DC4
            D06   RA014DD2
            D09   RA014DD6
            D10   RA014DD6
            D11   RA014DE4
```

```
V3          CONNECTOR
            B02   RC703EL4
            B05   RC701EG4
            B08   RC702EC4
            B09   RC702EC4
            B10   RC702EL4
            B12   RC703EG4
            D05   RC701EC4
            D06   RC701EL4
            D09   RC702EG4
            D10   RC702EG4
            D11   RC703EC4
```

```
V4          CONNECTOR
            B02   RC704EC4
            B05   RC704EG4
            B08   RA015DF2
            B09   RA015DF2
            B10   RA015DC2
            B12   RA015DE2
            D05   RC705EJ4
            D06   RC704EL4
            D09   RC801FA4
            D10   RA015DF6
            D11   RA015DC4
            D13   RA015DC6
```

```
V5          CONNECTOR
            B02   RA015DE6
            B12   RA015DD4
            D05   RA015DE4
            D06   RC705EN4
            D13   RA015DD2
```

PLUG LIST

PART NO	ACC	TYPE	SOCKETS	TOTAL
5857428	CA1	6828	D2	01
5863413	CA1	N869	T4	01
8231672	TPS	6837	R2	01
8231720	CA1	2325	M2	01
8235422	CA1	6836	Q2	01
8235422	TPS	6836	S2	01
8235431	CA1	7601	P2	01
8235687	CA1	7602	L2	01
8251995	CA1	2326	T2	01
8251996	CA1	7603	K2	01
8254592	CA1	2342	N2	01
		CONN	A1 A2 A3 A4	30
			A5 B1 B2 B3	
			B4 B5 C1 C2	
			C3 C4 C5 D1	
			E1 F1 G1 H1	
			J1 K1 U2 U3	
			U4 U5 V2 V3	
			V4 V5	

SOCKET LISTING
DATE 10-29-80 MACH. 27RNB

LOG 854 BOARD 01A-Y4
PREV. ENGR. - -
PRES. ENGR. 10-14-80 344270
P.No. 5153974

IBM CORP. SDD BLK.

081

TYPE 1 CHANNEL ADAPTER TERMINATOR CARD SOCKET LISTING

A2	B4 SINGLE CARD 5862885 N885	D2	K2	R2
A3	B5 SINGLE CARD 5862884 N884	E2	L2	S2
A4	C2	F2	M2	T2
A5	C3	G2	N2	U2
B2	C4 SINGLE CARD 5862884 N884	H2	P2	V2
B3	C5	J2	Q2	

PART NO.	ACC	TYPE	SOCKET	TOTAL
5862885	CA1	N885	B4	01
5862884	CA1	N884	B5	01
5862884	CA1	N884	C4	01

NOTE

1. THIS PLUG CHART IS TO BE USED ONLY TO INDICATE WHERE THE A4 BOARD TERMINATOR CARDS ARE LOCATED (THERE ARE NO TERMINATOR CARD LOGIC PAGES). THE TERMINATOR CARDS ARE LOCATED IN THE 01A-A4 BOARD.

SOCKET LISTING FOR TYPE 1 C.A. TERMINATOR CARDS

DATE OCT80 MACH. 3705-80
BOARD 01A-A4

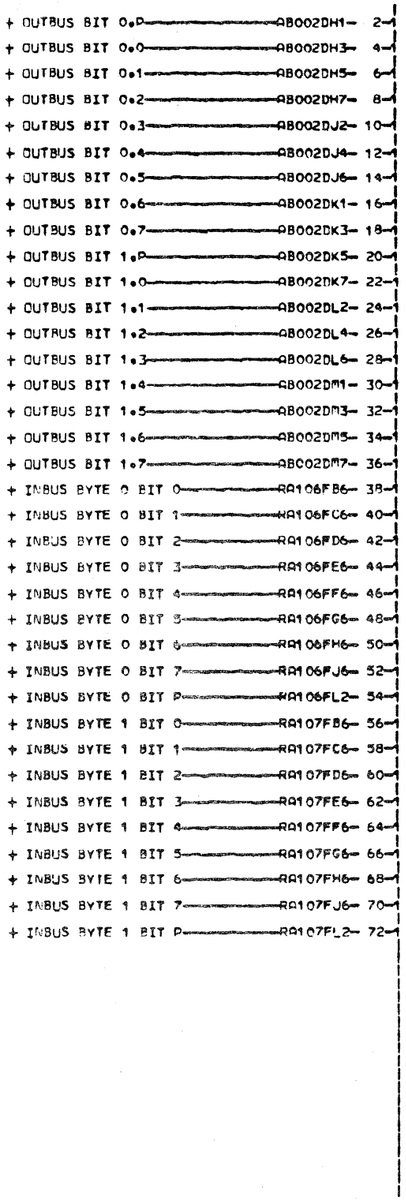
PREV. ENG. NONE
PRES. ENG. OCT80 344270

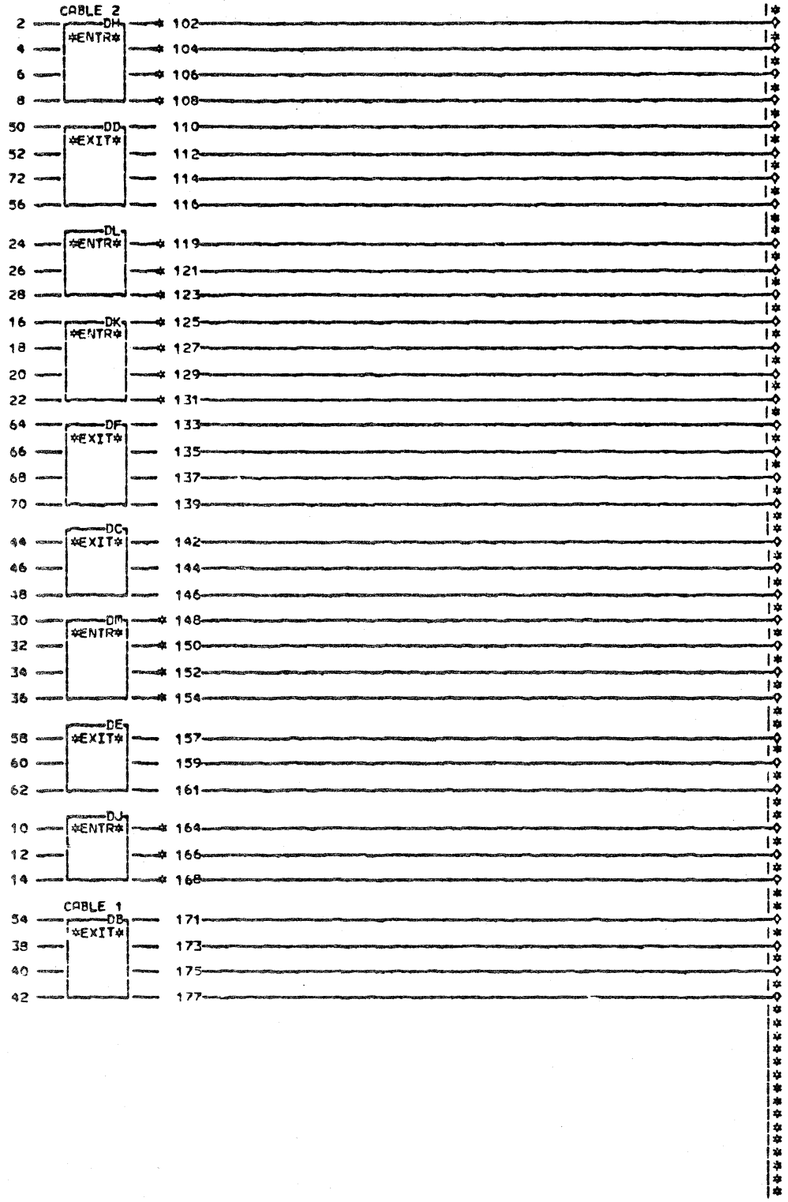
P/N 5153975

IBM CORP SCD

RA001

RA001





081 RA011

171 + INBUS BYTE 0 BIT P — AB001-DB1
173 + INBUS BYTE 0 BIT 0 — AB001-DB3
175 + INBUS BYTE 0 BIT 1 — AB001-DB5
177 + INBUS BYTE 0 BIT 2 — AB001-DB7
142 + INBUS BYTE 0 BIT 3 — AB001-DC2
144 + INBUS BYTE 0 BIT 4 — AB001-DC4
146 + INBUS BYTE 0 BIT 5 — AB001-DC6
110 + INBUS BYTE 0 BIT 6 — AB001-DD1
112 + INBUS BYTE 0 BIT 7 — AB001-DD3
114 + INBUS BYTE 1 BIT P — AB001-DD5
116 + INBUS BYTE 1 BIT 0 — AB001-DD7
157 + INBUS BYTE 1 BIT 1 — AB001-DE2
159 + INBUS BYTE 1 BIT 2 — AB001-DE4
161 + INBUS BYTE 1 BIT 3 — AB001-DE6
133 + INBUS BYTE 1 BIT 4 — AB001-DF1
135 + INBUS BYTE 1 BIT 5 — AB001-DF3
137 + INBUS BYTE 1 BIT 6 — AB001-DF5
139 + INBUS BYTE 1 BIT 7 — AB001-DF7

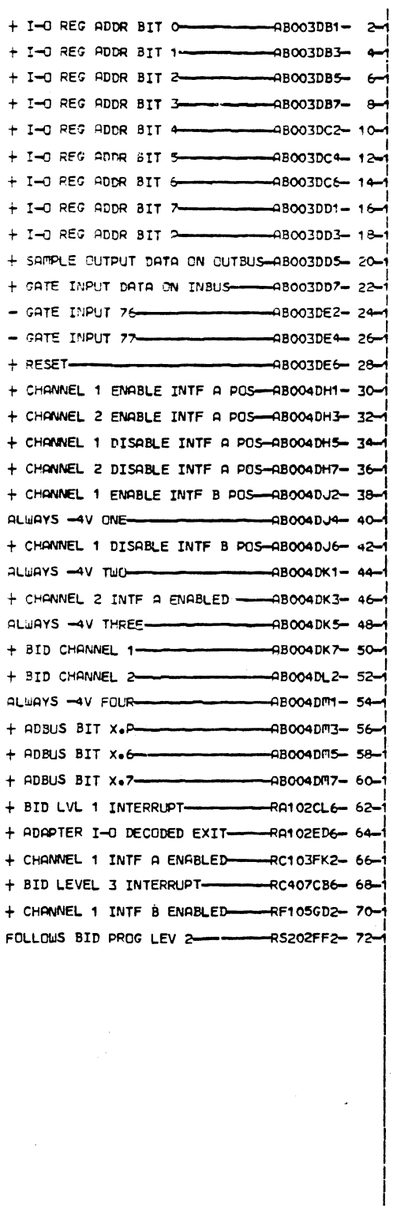
102 + OUTBUS BIT 0.P — DH1 (WRC105 WRC401 WRS101)
104 + OUTBUS BIT 0.0 — DH3 (WRC105 WRC401 WRS101)
106 + OUTBUS BIT 0.1 — DH5 (WRC105 WRC401 WRS101)
108 + OUTBUS BIT 0.2 — DH7 (WRC105 WRC401 WRS101)
164 + OUTBUS BIT 0.3 — DJ2 (WRC105 WRC401 WRS101)
166 + OUTBUS BIT 0.4 — DJ4 (WRC105 WRC401 WRS101)
168 + OUTBUS BIT 0.5 — DJ6 (WRC105 WRC401 WRS101)
125 + OUTBUS BIT 0.6 — DK1 (WRC105 WRC401 WRS101)
127 + OUTBUS BIT 0.7 — DK3 (WRC105 WRC401 WRS101)
129 + OUTBUS BIT 1.P — DK5 (WRC309 WRS102)
131 + OUTBUS BIT 1.0 — DK7 (WRC309 WRS102)
119 + OUTBUS BIT 1.1 — DL2 (WRC309 WRS102)
121 + OUTBUS BIT 1.2 — DL4 (WRC309 WRS102)
123 + OUTBUS BIT 1.3 — DL6 (WRC309 WRS102)
148 + OUTBUS BIT 1.4 — DM1 (WRC309 WRS102)
150 + OUTBUS BIT 1.5 — DM3 (WRC309 WRS102)
152 + OUTBUS BIT 1.6 — DM5 (WRC309 WRS102)
154 + OUTBUS BIT 1.7 — DM7 (WRC309 WRS102)

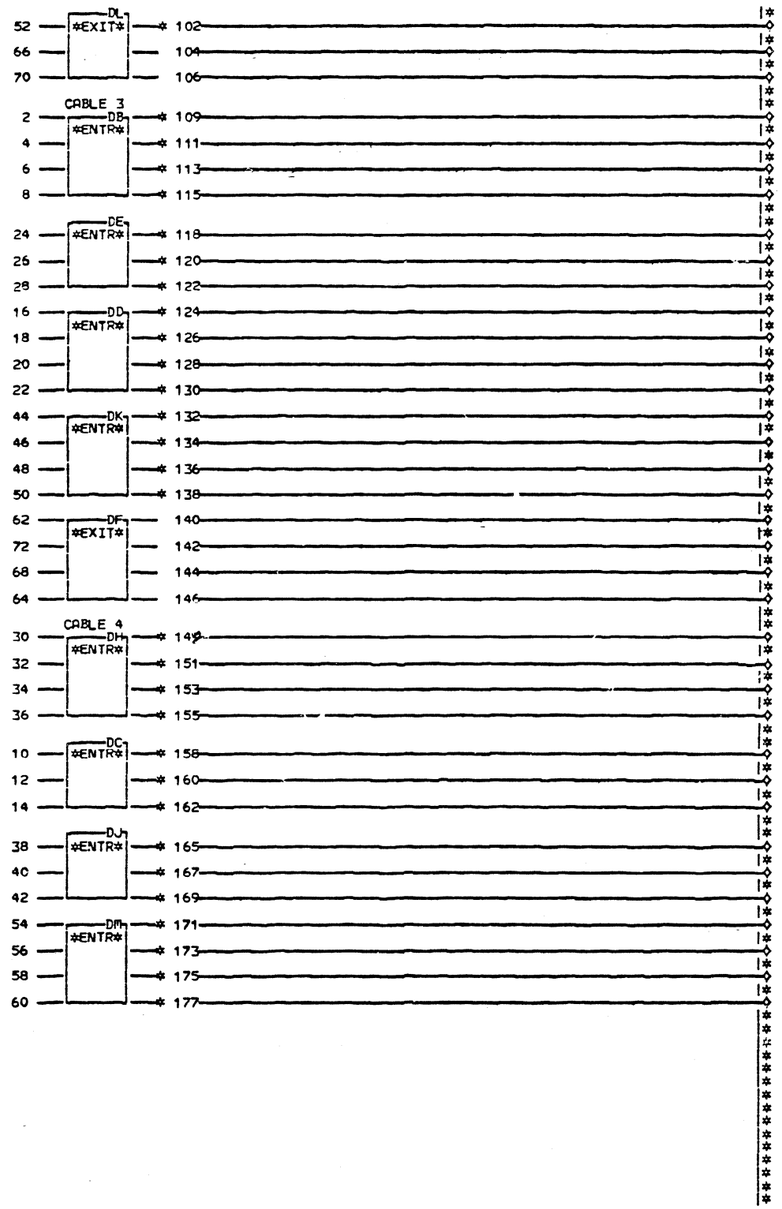
RA011
081 SIM TO PN 1785100 EC 309949

EDGE CONN. 01A-Y4B4D05 01A-Y4B4D02 01A-Y4B4D13
102 A-Y4B2B02 121 A-Y4B2D06 131 A-Y4B2D03 164 A-Y4B2B08
01A-Y4B4B02 01A-Y4B4D06 01A-Y4B4D03 01A-Y4B4B08
104 A-Y4B2B04 123 A-Y4B2D07 148 A-Y4B2D09 166 A-Y4B2B09
01A-Y4B4B04 01A-Y4B4D07 01A-Y4B4D09 01A-Y4B4B09
106 A-Y4B2B05 125 A-Y4B2B12 150 A-Y4B2D10 168 A-Y4B2B10
01A-Y4B4B05 01A-Y4B4B12 01A-Y4B4D10 01A-Y4B4B10
108 A-Y4B2B06 127 A-Y4B2B13 152 A-Y4B2D11
01A-Y4B4B06 01A-Y4B4B13 01A-Y4B4D11
119 A-Y4B2D05 129 A-Y4B2D02 154 A-Y4B2D13

LOC. TYPE

ADAPTER INTERFACE
E.C. HISTORY — E. MACH.27RNB
FRAME 01
IBM CORP.SCD | RA011
DATE LAST EC | P.No. 1986974 | 081
10-14-80 344270





081 RA012

109 + I-O REG ADDR BUS BIT 0- RA101-DB1
111 + I-O REG ADDR BUS BIT 1- RA101-DB3
113 + I-O REG ADDR BUS BIT 2- RA101-DB5
115 + I-O REG ADDR BUS BIT 3- RA101-DB7
158 + I-O REG ADDR BUS BIT 4- RA101-DC2
160 + I-O REG ADDR BUS BIT 5- RA101-DC4
162 + I-O REG ADDR BUS BIT 6- RA101-DC6
124 + I-O REG ADDR BUS BIT 7- RA101-DD1
126 + I-O REG ADDR BUS BIT P- RA101-DD3
128 + SAMPLE OUTPUT DATA DD5
WRC501 WRS103
130 + GATE INPUT DATA ON INBUS DD7
WRA103 WRC205 WRC501
118 - GATE 1ST TEST PNTS ON INBUS DE2
WRA102
120 - GATE 2ND TEST PNTS ON INBUS DE4
WRC407 WRS202
122 + RESET RS105-DE6
140 + BID PROGRAM LEV 1 AB003-DF1
142 + BID PROGRAM LEV 2 AB003-DF3
144 + BID PROGRAM LEV 3 AB003-DF5
146 + ADAPTER I-O ADDRESS DECODED DF7
WAB003
149 + CHANNEL 1 ENABLE INTF A POS DH1
WRC103
151 + CHANNEL 2 ENABLE INTF A POS DH3
WAB004
153 + CHANNEL 1 DISABLE INTF A POS DH5
WRC103
155 + CHANNEL 2 DISABLE INTF A POS DH7
WAB004
165 + CHANNEL 1 ENABLE INTF B POS DJ2
WRF105
167 ALWAYS -4V ONE AB004-DJ4
169 + CHANNEL 1 DISABLE INTF B POS DJ6
WRF105
132 ALWAYS -4V TWO AB004-DK1
134 + CHANNEL 2 INTF A ENABLED DK3
WAB004
136 ALWAYS -4V THREE AB004-DK5
138 + BID CHANNEL 1 AB004-DK7
102 + BID CHANNEL 2 AB004-DL2
104 + CHANNEL 1 INTF A ENABLED DL4
WAB004
106 + CHANNEL 1 INTF B ENABLED DL6
WAB004
171 ALWAYS -4V FOUR AB004-DM1
173 + ADBUS BIT X.P AB004-DM3
175 + ADBUS BIT X.6 AB004-DM5
177 + ADBUS BIT X.7 AB004-DM7

EDGE CONN.
102 A-Y4C3D07 118 A-Y4C2D05 128 A-Y4C2D02 138 A-Y4C3D06 01A-Y4C4B09 01A-Y4C5D10
01A-Y4C5D06 01A-Y4C4D05 01A-Y4C4D02 149 A-Y4C3B02 162 A-Y4C2B10 175 A-Y4C3D11
109 A-Y4C2B02 120 A-Y4C2D06 130 A-Y4C2D03 151 A-Y4C3B04 01A-Y4C4B10 01A-Y4C5D11
01A-Y4C4B02 01A-Y4C4D06 01A-Y4C4D03 01A-Y4C5B02 165 A-Y4C3B08 177 A-Y4C3D13
111 A-Y4C2B04 122 A-Y4C2D07 132 A-Y4C3B12 153 A-Y4C3B05 167 A-Y4C3B09 01A-Y4C5D13
01A-Y4C4B04 01A-Y4C4D07 01A-Y4C5B10 155 A-Y4C3B06 01A-Y4C5B08
113 A-Y4C2B05 124 A-Y4C2B12 134 A-Y4C3D02 01A-Y4C5B05 169 A-Y4C3B10
01A-Y4C4B05 01A-Y4C4B12 01A-Y4C5B13 158 A-Y4C2B08 171 A-Y4C3D09
115 A-Y4C2B06 126 A-Y4C2B13 136 A-Y4C3D05 01A-Y4C4B08 01A-Y4C5D09

LOC. TYPE

RA012
081 SIM TO PN 1785101 EC 314416

ADAPTER INTERFACE
E.C. HISTORY E. MACH.27RNB
344270
FRAME 01
IBM CORP.SCD RA012
DATE LAST EC
04-14-81 344600
P.N. 1986975 081

+ ADBUS BIT 0.P	AB005DB1	2
+ ADBUS BIT 0.0	AB005DB3	4
+ ADBUS BIT 0.1	AB005DB5	6
+ ADBUS BIT 0.2	AB005DB7	8
+ ADBUS BIT 0.3	AB005DC2	10
+ ADBUS BIT 0.4	AB005DC4	12
+ ADBUS BIT 0.5	AB005DC6	14
+ ADBUS BIT 0.6	AB005DD1	16
+ ADBUS BIT 0.7	AB005DD3	18
+ ADBUS BIT 1.P	AB005DD5	20
+ ADBUS BIT 1.0	AB005DD7	22
+ ADBUS BIT 1.1	AB005DE2	24
+ ADBUS BIT 1.2	AB005DE4	26
+ ADBUS BIT 1.3	AB005DE6	28
+ ADBUS BIT 1.4	AB005DF1	30
+ ADBUS BIT 1.5	AB005DF3	32
+ ADBUS BIT 1.6	AB005DF5	34
+ ADBUS BIT 1.7	AB005DF7	36
- ALLOW CHANNELS ON LINE	AB006DH1	38
- NOT INITIALIZED	AB006DH3	40
+ POR OR RESET SW	AB006DH5	42
+ A TO THRU B TO TIME	AB006DH7	44
+ T2 OR T3 TIME TO CA OR RPL	AB006DJ2	46
+ T3 OR TO TIME TO CA OR RPL	AB006DJ4	48
+ GO CHANNEL 1	AB006DJ6	50
+ GO CHANNEL 2	AB006DK1	52
- BAD DATA	AB006DK3	54
- ADDRESS ERROR	AB006DK5	56
+ SAR EVEN PARITY	AB006DK7	58
- GATE C.S. DATA ON INBUS	AB006DL2	60
- SAMPLE C.S. DATA ON OUTBUS	AB006DL4	62
+ POWER ON RESET	AB006DL6	64
ALWAYS MINUS	AB006DM1	66
+ STORE BYTE 0	AB006DM5	68
+ STORE BYTE 1	AB006DM7	70
+ CHAN IPL CMND	RC204GH2	72

52	DK *ENTR*	* 101							
54		* 103							
56		* 105							
58		* 107							
2	DB *ENTR*	* 109							
4		* 111							
6		* 113							
8		* 115							
24	DE *ENTR*	* 118							
26		* 120							
28		* 122							
66	DM *ENTR*	* 124							
72		126							
68		* 128							
70		* 130							
46	DJ *ENTR*	* 133							
48		* 135							
50		* 137							
16	DD *ENTR*	* 139							
18		* 141							
20		* 143							
22		* 145							
60	DL *ENTR*	* 148							
62		* 150							
64		* 152							
30	DF *ENTR*	* 154							
32		* 156							
34		* 158							
36		* 160							
10	DC *ENTR*	* 163							
12		* 165							
14		* 167							
CABLE 6									
38	DH *ENTR*	* 170							
40		* 172							
42		* 174							
44		* 176							

081 RA013

109 + ADBUS BIT 0.P	AB005-DB1	
111 + ADBUS BIT 0.0	AB005-DB3	
113 + ADBUS BIT 0.1	AB005-DB5	
115 + ADBUS BIT 0.2	AB005-DB7	
163 + ADBUS BIT 0.3	AB005-DC2	
165 + ADBUS BIT 0.4	AB005-DC4	
167 + ADBUS BIT 0.5	AB005-DC6	
139 + ADBUS BIT 0.6	AB005-DD1	
141 + ADBUS BIT 0.7	AB005-DD3	
143 + ADBUS BIT 1.P	AB005-DD5	
145 + ADBUS BIT 1.0	AB005-DD7	
118 + ADBUS BIT 1.1	AB005-DE2	
120 + ADBUS BIT 1.2	AB005-DE4	
122 + ADBUS BIT 1.3	AB005-DE6	
154 + ADBUS BIT 1.4	AB005-DF1	
156 + ADBUS BIT 1.5	AB005-DF3	
158 + ADBUS BIT 1.6	AB005-DF5	
160 + ADBUS BIT 1.7	AB005-DF7	
170 - ALLOW CHANNEL ON LINE	DH1	LRC103 LRC205 LRC602 LRF105
172 - NOT INITIALIZED	RC602-DH3	
174 + POR OR RESET SW	RC707-DH5	
176 + A TO THRU B TO TIME	AB006-DH7	
133 + T2 OR T3 TIME A4 BOARD	RA103-DJ2	
135 + T3 OR TO TIME A4 BOARD	RA103-DJ4	
137 + GO CHANNEL 1	AB006-DJ6	
101 + GO CHANNEL 2	AB006-DK1	
103 - BAD DATA	AB006-DK3	
105 - ADDRESS ERROR	AB006-DK5	
107 + SAR EVEN PARITY	AB006-DK7	
148 - GATE C.S. DATA ON INBUS	AB006-DL2	
150 - SAMPLE C.S. DATA ON OUTBUS	DL4	LAB006
152 + POWER ON RESET	AB006-DL6	
124 ALWAYS MINUS	AB006-DM1	
126 + CHAN IPL REQUEST	AB006-DM3	
128 + STORE BYTE 0	AB006-DM5	
130 + STORE BYTE 1	AB006-DM7	

EDGE CONN.	01A-Y4A5B04	01A-Y4B5D09	01A-Y4A5D12	01A-Y4B5D07	01A-Y4A5B09
101 A-Y4B3B12	113 A-Y4A3B05	128 A-Y4B3D11	141 A-Y4A3B13	154 A-Y4A3D09	167 A-Y4A3B10
01A-Y4B5B10	01A-Y4A5B05	01A-Y4B5D11	01A-Y4A5B13	01A-Y4A5D09	01A-Y4A5B10
103 A-Y4B3B13	115 A-Y4A3B06	130 A-Y4B3D13	143 A-Y4A3D02	156 A-Y4A3D10	170 A-Y4B3B02
01A-Y4B5B13	01A-Y4A5B06	01A-Y4B5D13	01A-Y4A5D02	01A-Y4A5D10	01A-Y4B5B02
105 A-Y4B3D02	118 A-Y4A3D05	133 A-Y4B3B08	145 A-Y4A3D03	158 A-Y4A3D11	172 A-Y4B3B04
01A-Y4B5D02	01A-Y4A5D05	01A-Y4B5B08	01A-Y4A5D03	01A-Y4A5D11	01A-Y4B5B04
107 A-Y4B3D03	120 A-Y4A3D06	135 A-Y4B3B09	148 A-Y4B3D05	160 A-Y4A3D13	174 A-Y4B3B05
01A-Y4B5D03	01A-Y4A5D06	01A-Y4B5B09	01A-Y4B5D05	01A-Y4A5D13	01A-Y4B5B05
109 A-Y4A3B02	122 A-Y4A3D07	137 A-Y4B3B10	150 A-Y4B3D06	163 A-Y4A3B08	176 A-Y4B3B06
01A-Y4A5B02	01A-Y4A5D07	01A-Y4B5B12	01A-Y4B5D06	01A-Y4A5B08	01A-Y4B5B06
111 A-Y4A3B04	124 A-Y4B3D09	139 A-Y4A3B12	152 A-Y4B3D07	165 A-Y4A3B09	

LOC. TYPE

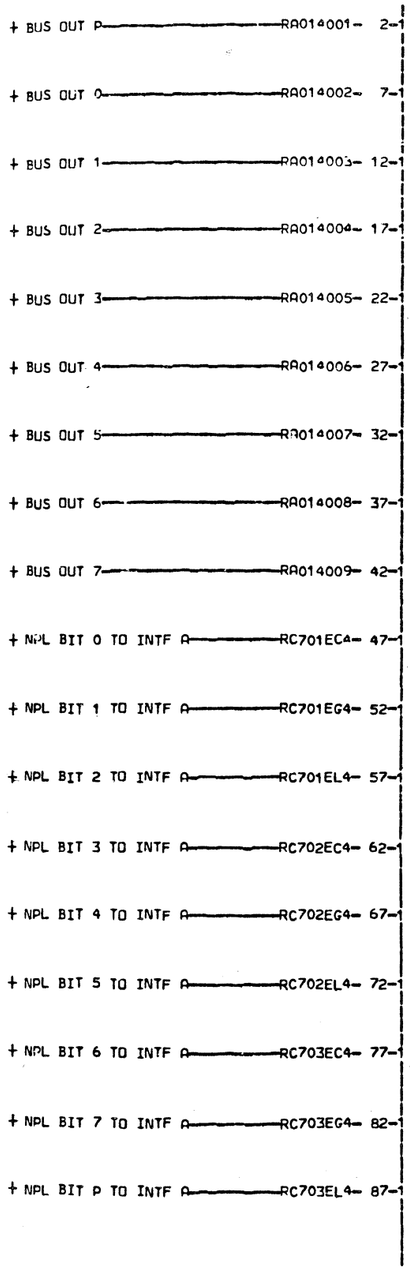
RA013

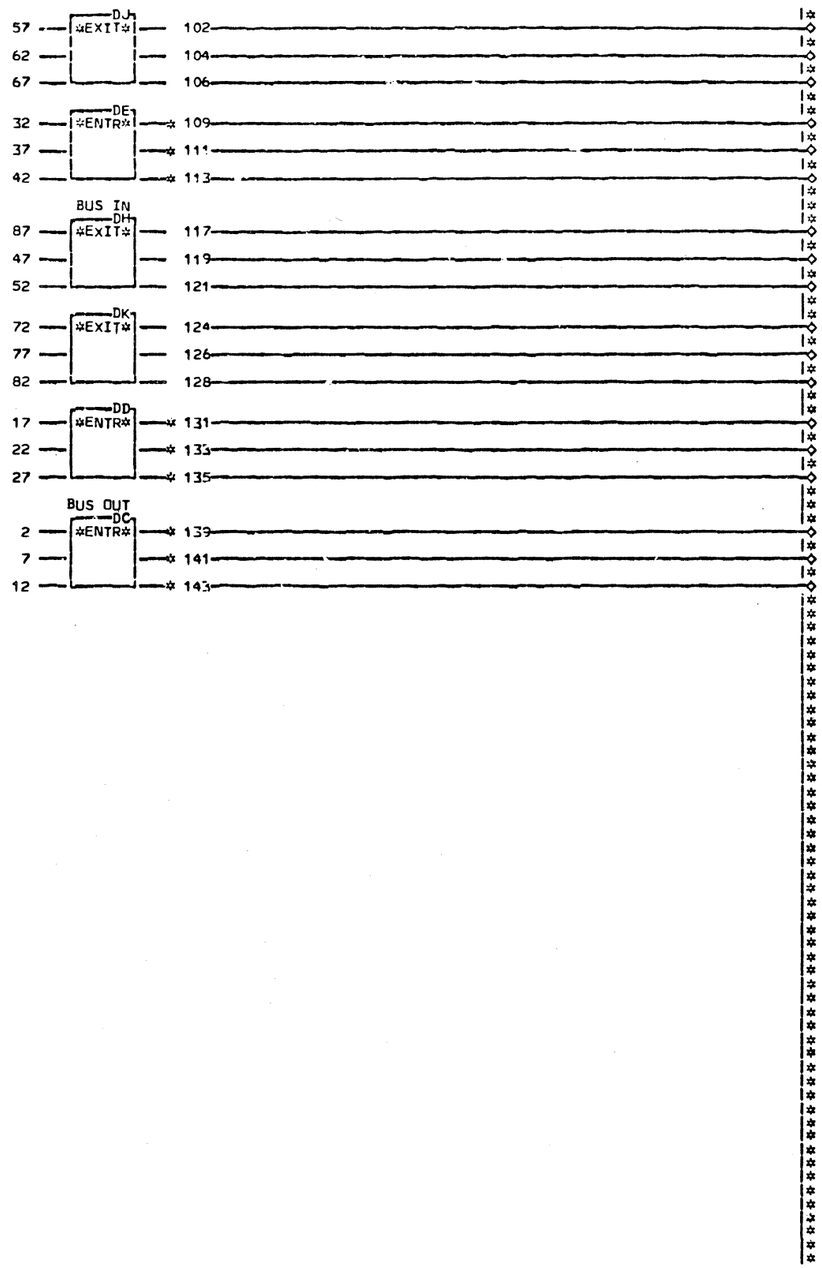
081 SIM TO PN 1785102 EC 314416

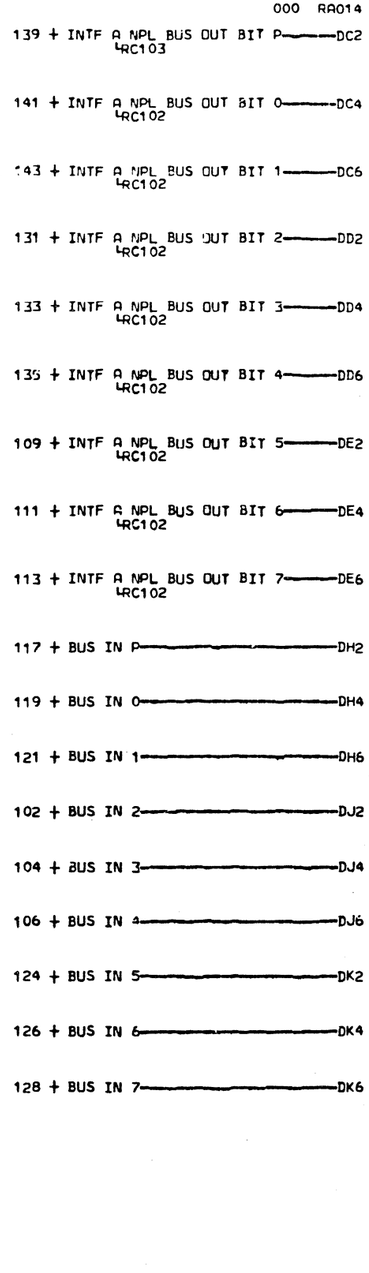
ADAPTER INTERFACE

E.C. HISTORY 344270 | E. MACH.27RNB | FRAME 01 | IBM CORP.SCD | RA013

DATE 04-14-81 | LAST EC 344600 | P.N. 1986976 | 081







NOTE 1 SEE PAGE RA052 FOR A COMPLETE DESCRIPTION OF THE LOGIC BOARD TO TAILGATE FLAT CABLE

NOTE 2 ALL 01T TAILGATE PIN NOMENCLATURE IS THAT OF THE FLAT CABLE END— NOT NECESSARILY WHAT IS PRINTED ON THE TAILGATE CONNECTOR

RA014
000

EDGE CONN.			
109 A-Y4V2B10	01T-A1A2D10	01T-A1A2B06	01T-A1A2D06
111 A-Y4V2D11	01T-A1A2B11	01T-A1A2D11	01T-A1A2D08
113 A-Y4V2B12	01T-A1A2D12	01T-A1A2B09	01T-A1A2D09
131 A-Y4V2D06	01T-A1A1D06	01T-A1A1B08	01T-A1A1D10
133 A-Y4V2B08	01T-A1A1B10	01T-A1A1B12	01T-A1A1D09
135 A-Y4V2D09	01T-A1A2B06	01T-A1A2D06	01T-A1A1D09
139 A-Y4V2B02	01T-A1A2D03	01T-A1A1B03	01T-A1A2B04
141 A-Y4V2D05	01T-A1A1D04	01T-A1A2D05	01T-A1A1B05

LOC. TYPE

TYPE 1 CHANNEL ADAPTER
CHANNEL INTERFACE A BUS

—E.C.—HISTORY—	B	MACH.27RNB	
309522C			
309541		FRAME 01	
309545			
309548		IBM CORP.SDD	RA014
DATE LAST EC			
12-27-72 309949		P.N. 1785103	000

+ ADDRESS OUT — RA015001 — 2
+ COMMAND OUT — RA015002 — 7
+ SERVICE OUT — RA015003 — 12
+ OPERATIONAL OUT — RA015004 — 17
+ HOLD OUT — RA015005 — 22
+ SUPPRESS OUT — RA015007 — 27
+ METERING OUT — RA015008 — 32
+ CLOCK OUT — RA015009 — 37
+ SELECT IN — RA015010 — 42
+ SELECT OUT — RA015011 — 47
+ NPL OP IN TO INTF A — RC704EC4 — 52
+ NPL ADDRESS IN TO INTF A — RC704EG4 — 57
+ NPL SERVICE IN TO INTF A — RC704EL4 — 62
+ NPL STATUS IN TO INTF A — RC705EJ4 — 67
+ NPL REQUEST IN TO INTF A — RC705EN4 — 72
+ NPL SEL FROM LOGIC TO INTF A — RC801FA4 — 77

DF *ENTR* NOTE 2
42 — 102
47 — 106

DJ *EXIT*
52 — 109
72 — 113

DE *ENTR*
27 — 116
32 — 118
37 — 120

TAGS OUT
DC *ENTR*
2 — 124
7 — 126
12 — 128

DD *ENTR*
17 — 131
22 — 133

TAGS IN
DH *EXIT*
57 — 139
67 — 141
62 — 143

DK *EXIT* NOTE 2
102 — 202
77 — 206

124 + INTF A NPL ADDRESS OUT — RC101-DC2
126 + INTF A NPL COMMAND OUT — RC101-DC4
128 + INTF A NPL SERVICE OUT — RC101-DC6
131 + INTF A NPL OPERATIONAL OUT — DD2 (RC101)
133 + INTF A NPL HOLD OUT — RC101-DD4
116 + INTF A NPL SUPPRESS OUT RC101-DE2
118 + INTF A NPL METERING OUT — DE4
120 + INTF A NPL CLOCK OUT — RC101-DE6
102 + INTF A NPL SEL BYPASSED — DF2
106 + INTF A NPL SEL TO LOGIC — DF6 (RC101 RC801)
139 + ADDRESS IN — DH2
141 + STATUS IN — DH4
143 + SERVICE IN — DH6
109 + OPERATIONAL IN — DJ2
113 + REQUEST IN — DJ6
202 + SELECT IN — DK2
206 + SELECT OUT — DK6

NOTE 1 SEE PAGE RA014 NOTES
NOTE 2 FOR TRAPPING ON SELECT OUT THE SIGNALS PROPAGATE DIRECTLY ACROSS THE ENTR AND EXIT BLOCKS. FOR TRAPPING ON SELECT IN THE SIGNALS CROSS IN THE ENTR AND EXIT BLOCKS.

RA015 000

EDGE CONN.
102 A-Y4V4B08 01T-A1B4B04 01T-A1A3D11
01T-A1A3B08 01T-A1B3D04 128 A-Y4V4D13
01A-Y4V4B09 120 A-Y4V5B02 01T-A1A4B13
01T-A1A4D08 01T-A1B4D03 01T-A1A3D13
106 A-Y4V4D10 01T-A1B3B03 131 A-Y4V5D13
01T-A1A4B09 124 A-Y4V4B10 01T-A1B4B13
116 A-Y4V4B12 01T-A1A4D10 01T-A1B3D13
01T-A1A4D12 01T-A1A3B10 133 A-Y4V5B12
01T-A1A3B12 126 A-Y4V4D11 01T-A1B4D12
118 A-Y4V5D05 01T-A1A4B11 01T-A1B3B12

LOC. TYPE

TYPE 1 CHANNEL ADAPTER
CHANNEL INTERFACE A TAGS
E.C. HISTORY — B MACH.27RNB
309522C 309533
309541 FRAME 01
309545
309548 IBM CORP.SDD RA015
DATE LAST EC
09-20-72 309944 P.N. 1785104 000

+ BUS OUT P	RA016001	2	1
+ BUS OUT 0	RA016002	7	1
+ BUS OUT 1	RA016003	12	1
+ BUS OUT 2	RA016004	17	1
+ BUS OUT 3	RA016005	22	1
+ BUS OUT 4	RA016006	27	1
+ BUS OUT 5	RA016007	32	1
+ BUS OUT 6	RA016008	37	1
+ BUS OUT 7	RA016009	42	1
+ NPL BIT 0 TO INTF B	RF201EC4	47	1
+ NPL BIT 1 TO INTF B	RF201EG4	52	1
+ NPL BIT 2 TO INTF B	RF201EL4	57	1
+ NPL BIT 3 TO INTF B	RF202EC4	62	1
+ NPL BIT 4 TO INTF B	RF202EG4	67	1
+ NPL BIT 5 TO INTF B	RF202EL4	72	1
+ NPL BIT 6 TO INTF B	RF203EC4	77	1
+ NPL BIT 7 TO INTF B	RF203EG4	82	1
+ NPL BIT P TO INTF B	RF203EL4	87	1

NOTE 1 SEE PAGE RA052 FOR A COMPLETE DESCRIPTION OF THE LOGIC BOARD TO TAILGATE FLAT CABLE

NOTE 2 ALL 01U TAILGATE PIN NOMENCLATURE IS THAT OF THE FLAT CABLE END— NOT NECESSARILY WHAT IS PRINTED ON THE TAILGATE CONNECTOR

RA016
000

57	DJ *EXIT*	102			
62		104			
67		106			
32	DE *ENTR*	109			
37		111			
42		113			
	BUS IN DH				
87	*EXIT*	117			
47		119			
52		121			
72	DK *EXIT*	124			
77		126			
82		128			
17	DD *ENTR*	131			
22		133			
27		135			
	BUS OUT DC				
2	*ENTR*	139			
7		141			
12		143			

139	+ INTF B NPL BUS OUT BIT P (RF103)	DC2	
141	+ INTF B NPL BUS OUT BIT 0 (RF101)	DC4	
143	+ INTF B NPL BUS OUT BIT 1 (RF101)	DC6	
131	+ INTF B NPL BUS OUT BIT 2 (RF101)	DD2	
133	+ INTF B NPL BUS OUT BIT 3 (RF101)	DD4	
135	+ INTF B NPL BUS OUT BIT 4 (RF102)	DD6	
109	+ INTF B NPL BUS OUT BIT 5 (RF102)	DE2	
111	+ INTF B NPL BUS OUT BIT 6 (RF102)	DE4	
113	+ INTF B NPL BUS OUT BIT 7 (RF102)	DE6	
117	+ BUS IN P	DH2	
119	+ BUS IN 0	DH4	
121	+ BUS IN 1	DH6	
102	+ BUS IN 2	DJ2	
104	+ BUS IN 3	DJ4	
106	+ BUS IN 4	DJ6	
124	+ BUS IN 5	DK2	
126	+ BUS IN 6	DK4	
128	+ BUS IN 7	DK6	

EDGE CONN.

109	A-Y4U2B10	01U-A1A2B06	139	A-Y4U2B02	
	01U-A1A2D10	01U-A1A1D06		01U-A1A2D03	
	01U-A1A1B10	133 A-Y4U2B08		01U-A1A1B03	
111	A-Y4U2D11	01A-Y4U2B09	141	A-Y4U2D05	
	01U-A1A2B11	01U-A1A2D08		01U-A1A2B04	
	01U-A1A1D11	01U-A1A1B08		01U-A1A1D04	
113	A-Y4U2B12	135 A-Y4U2D09	143	A-Y4U2B05	
	01U-A1A2D12	01A-Y4U2D10		01U-A1A2D05	
	01U-A1A1B12	01U-A1A2B09		01U-A1A1B05	

LOC. TYPE

TYPE 1 CHANNEL ADAPTER
CHANNEL INTERFACE B BUS

E.C.	HISTORY	B
309522C	309533	
309541		
309545		
309548		
DATE	LAST EC	
12-27-72	309949	

MACH.27RNB
FRAME 01
IBM CORP.SDD
P.N. 1785105

RA016
000

+ ADDRESS OUT — RA017001 — 2
+ COMMAND OUT — RA017002 — 7
+ SERVICE OUT — RA017003 — 12
+ OPERATIONAL OUT — RA017004 — 17
+ HOLD OUT — RA017005 — 22
+ SUPPRESS OUT — RA017007 — 27
+ METERING OUT — RA017008 — 32
+ CLOCK OUT — RA017009 — 37
+ SELECT IN — RA017010 — 42
+ SELECT OUT — RA017011 — 47
+ NPL SEL FROM LOGIC TO INTF B — RC802FA4 — 52
+ NPL OP IN TO INTF B — RF204EC4 — 57
+ NPL ADDRESS IN TO INTF B — RF204EG4 — 62
+ NPL SERVICE IN TO INTF B — RF204EL4 — 67
+ NPL STATUS IN TO INTF B — RF205EJ4 — 72
+ NPL REQUEST IN TO INTF B — RF205EN4 — 77

42 — DF *ENTR* — 102
47 — NOTE 2 — 106
17 — DD *ENTR* — 109
22 — 111
27 — DE *ENTR* — 116
32 — 118
37 — 120
TAGS OUT
2 — DC *ENTR* — 124
7 — 126
12 — 128
TAGS IN
62 — DH *EXIT* — 132
72 — 134
67 — 136
57 — DJ *EXIT* — 139
77 — 143

102 — DK *EXIT* — 202
52 — NOTE 2 — 205

124 + INTF B NPL ADDRESS OUT — RF104-DC2
126 + INTF B NPL COMMAND OUT — RF104-DC4
128 + INTF B NPL SERVICE OUT — RF104-DC6
109 + INTF B NPL OPERATIONAL OUT — DD2 RF103
111 + INTF B NPL HOLD OUT — RF103-DD4
116 + INTF B NPL SUPPRESS OUT RF104-DE2
118 + INTF B NPL METERING OUT — DE4
120 + INTF B NPL CLOCK OUT — RF105-DE6
102 + INTF B NPL SEL BYPASSED — DF2
106 + INTF B NPL SEL TO LOGIC — DF6 RC802 RF103
132 + ADDRESS IN — DH2
134 + STATUS IN — DH4
136 + SERVICE IN — DH6
139 + OPERATIONAL IN — DJ2
143 + REQUEST IN — DJ6
202 + SELECT IN — DK2
206 + SELECT OUT — DK6

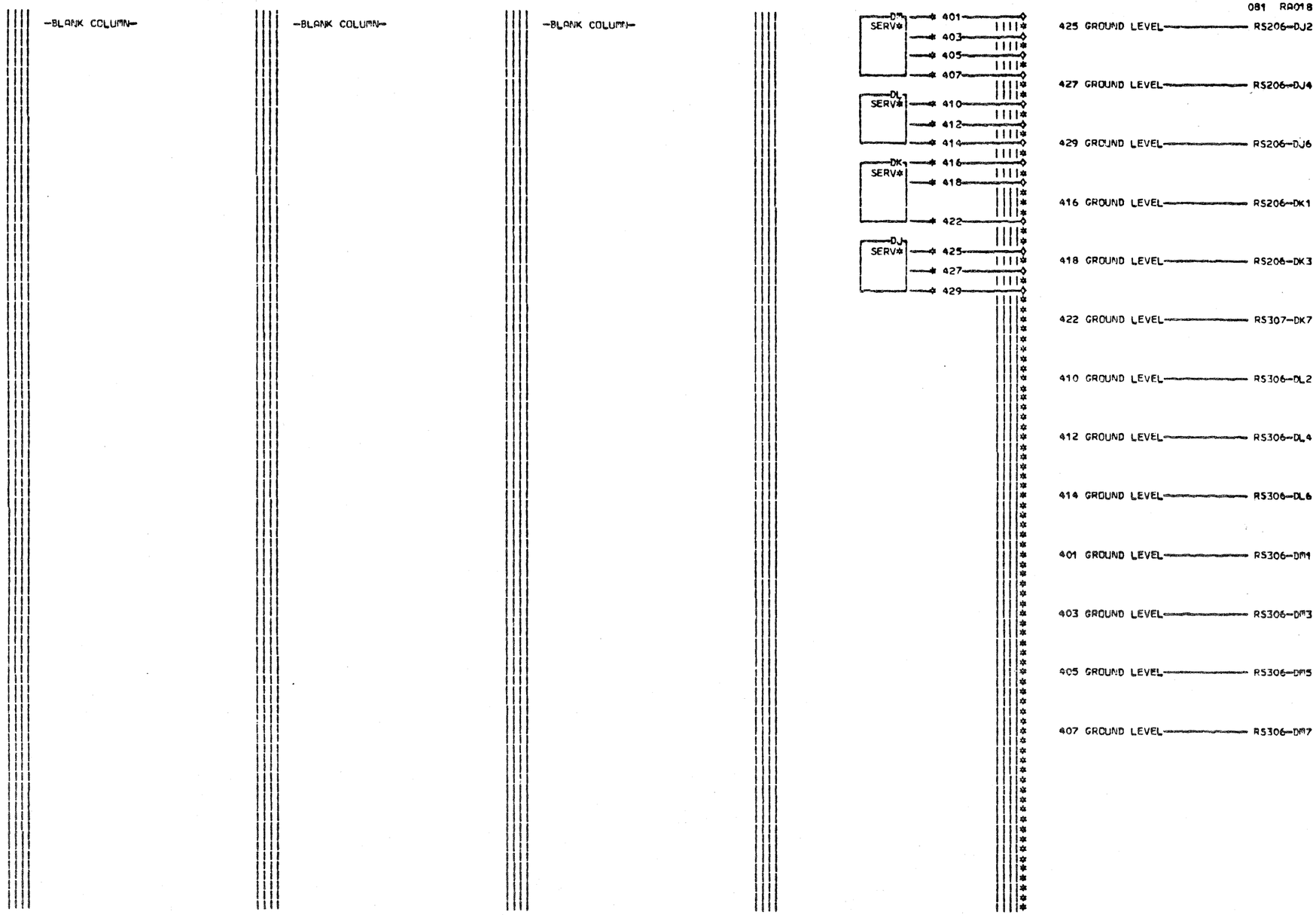
NOTE 1 SEE PAGE RA016 NOTES
NOTE 2 FOR TRAPPING ON SELECT OUT THE SIGNALS PROPAGATE DIRECTLY ACROSS THE ENTR AND EXIT BLOCKS. FOR TRAPPING ON SELECT IN THE SIGNALS CROSS IN THE ENTR AND EXIT BLOCKS.

RA017
000

EDGE CONN. 111 A-Y4U5B12 01U-A1B4D03 01U-A1A3D13
102 A-Y4U4B08 01U-A1B4D12 01U-A1B3B03
01U-A1A3B08 01U-A1B3B12 124 A-Y4U4B10
01A-Y4U4B09 116 A-Y4U4B12 01U-A1A4D10
01U-A1A4D08 01U-A1A4D12 01U-A1A3B10
106 A-Y4U4D10 01U-A1A3B12 126 A-Y4U4D11
01U-A1A4B09 118 A-Y4U5D05 01U-A1A4B11
109 A-Y4U5D13 01U-A1B4B04 01U-A1A3D11
01U-A1B4B13 01U-A1B3D04 128 A-Y4U4D13
01U-A1B3D13 120 A-Y4U5B02 01U-A1A4B13

LOC. TYPE

TYPE 1 CHANNEL ADAPTER
CHANNEL INTERFACE B TAGS
E.C.-HISTORY — B. MACH.27 RNB
309522C 309533
309541
309545
309548
DATE LAST EC
09-29-72 309944
FRAME 01
IBM CORP. SDD
P.N. 1785106
RA017
000

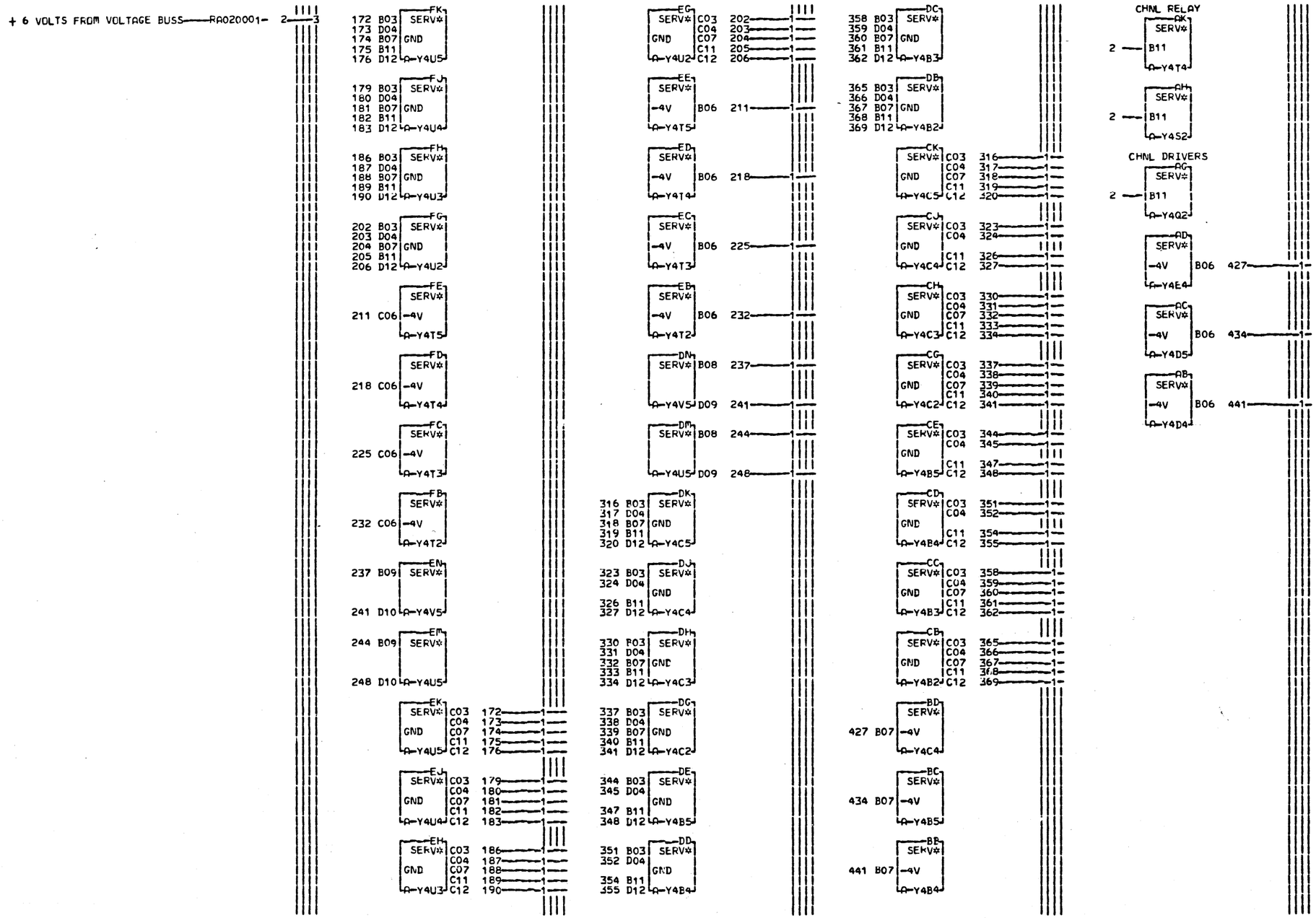


EDGE CONN. LOC. TYPE

401	A-Y4F1B11	422	A-Y4F1C13
403	A-Y4F1C11	425	A-Y4F1A13
405	A-Y4F1D11	427	A-Y4D1E13
407	A-Y4E1E11	429	A-Y4F1E13
410	A-Y4E1B13		
412	A-Y4E1C13		
414	A-Y4E1D13		
416	A-Y4G1A13		
418	A-Y4D1E11		

RA018
081 SIM TO PN 1785107 EC 309545

SERV WIRING
E.C. HISTORY — E. MACH. 27RNB
FRAME 01
IBM CORP. SCD | RA018
DATE LAST EC | P.N. 1986977 | 081
10-14-80 344270



LOC. TYPE

SERVICE WIRING

E.C. HISTORY — B. MACH. 27 RNB
309522C
309541

FRAME 01

IBM CORP. SDD | RA020

DATE LAST EC
04-19-72 309545

P.N. 1785109 | 000

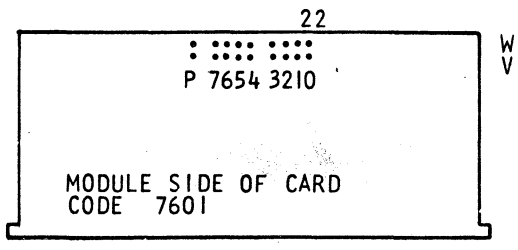
C

1785110

PART NO	LOGIC PG NO
1785110	RA050

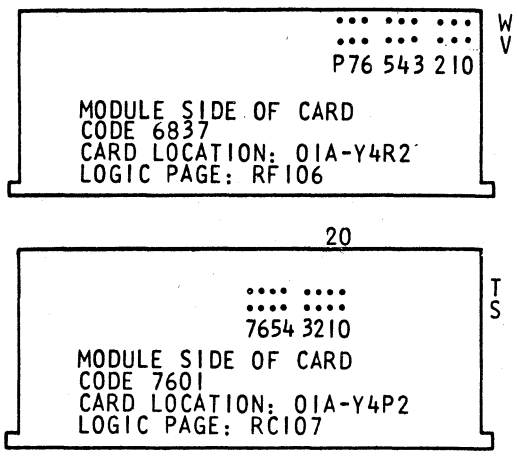
TYPE I CHANNEL ADAPTER CARD JUMPER INFORMATION

1. INTERFACE A NSC CHANNEL ADDRESS



CARD LOCATION: 01A-Y4P2
INSERT JUMPER FOR 0, REMOVE FOR 1
LOGIC PAGE - RC104

2. INTERFACE B NSC CHANNEL ADDRESS



INSERT JUMPER FOR 0, REMOVE FOR 1

IBM									
NAME	TYPE I CA REFERENCE PAGE					DATE	CHANGE NO		DATE	CHANGE NO
						FEB72	309541			
DESIGN	RZ	FEB72	SHT OF							
DETAIL	VR	FEB72								
CHECK			CLASSIFICATION	MUST CONFORM TO ENG SPEC		DEVELOPMENT NO		LOGIC PG NO		
APPRO								RA050		

1785110

C

C

1785111

PART NO 1785111 | LOGIC PG NO RA051

LOW VALID ESC ADDRESS

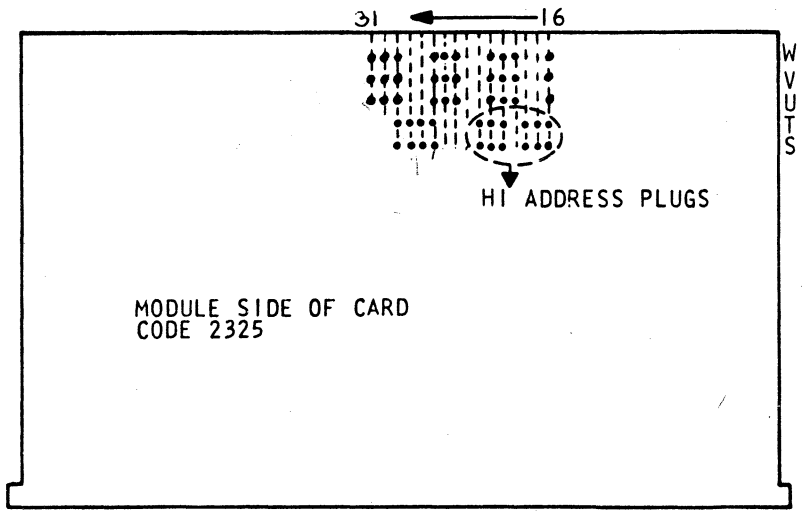
WRITE IN LOW ADDRESS: 40

FIRST CHANNEL ADDRESS ASSIGNED (MUST BE MULTIPLES OF 16 SUCH AS 0, 16, 32, 48, ETC.)

FIRST ADDRESS HEX	PLUG A-Y4M2 (CODE 2325) TO THIS CONFIGURATION							
00	T29-S29	T28-S28	T27-S27	T26-S26				
10	T28-S28	T27-S27	T26-S26	W21-V21	W20-V20	W19-V19	W16-V16	
20	T29-S29	T27-S27	T26-S26	W26-V26	W25-V25	W24-V24		
30	T27-S27	T26-S26	W26-V26	W25-V25	W24-V24	W21-V21	W20-V20	W16-V16
40	W30-V30	W29-V29	T29-S29	T28-S28	T26-S26			
50	W30-V30	W29-V29	T28-S28	T26-S26	W21-V21	W19-V19	W16-V16	
60	W30-V30	W29-V29	T29-S29	T26-S26	W26-V26	W24-V24		
70	W30-V30	W29-V29	T26-S26	W26-V26	W24-V24	W21-V21	W16-V16	
80	W31-V31	T29-S29	T28-S28	T27-S27				
90	W31-V31	T28-S28	T27-S27	W20-V20	W19-V19	W16-V16		
A0	W31-V31	T29-S29	T27-S27	W25-V25	W24-V24			
B0	W31-V31	T27-S27	W25-V25	W24-V24	W20-V20	W16-V16		
C0	W31-V31	W29-V29	T29-S29	T28-S28				
D0	W31-V31	W29-V29	T28-S28	W19-V19	W16-V16			
E0	W31-V31	W29-V29	T29-S29	W24-V24				
F0	W31-V31	W29-V29	W24-V24	W16-V16				

REFER TO LOGIC PAGES RC302 FOR LOW VALID ESC ADDRESSES

REFER TO LOGIC PAGES RC304 FOR HIGH VALID ESC ADDRESSES



FILL IN ABOVE PLUG CARD ACCORDING TO CHARTS FOR LOW & HIGH VALID ADDRESS.
PLUG ONLY THOSE PINS SPECIFIED FOR EACH ADDRESS.
WHEN RUNNING IN NSC MODE ONLY, PLUG THIS CARD
LOW VALID ADDRESS = (HEX C0, DECIMAL = 192) AND
HIGH VALID ADDRESS = (HEX 53, DECIMAL = 83)

HI VALID ESC ADDRESS

WRITE IN HIGH ADDRESS: 5F

LAST CH ADDRESS HEX	LAST CH ADDRESS DEC	PLUG A-Y4M2 (CODE 2325) TO THIS CONFIGURATION S22-T22	S21-T21	S20-T20	S18-T18	S17-T17	S16-T16
03	3	FLT	JMP	FLT	JMP	FLT	FLT
07	7	FLT	JMP	FLT	JMP	FLT	JMP
0B	11	FLT	JMP	FLT	JMP	JMP	FLT
0F	15	FLT	JMP	FLT	JMP	JMP	JMP
13	19	FLT	JMP	FLT	FLT	FLT	FLT
17	23	FLT	JMP	FLT	FLT	FLT	JMP
1B	27	FLT	JMP	FLT	FLT	JMP	FLT
1F	31	FLT	JMP	FLT	FLT	JMP	JMP
23	35	FLT	JMP	JMP	JMP	FLT	FLT
27	39	FLT	JMP	JMP	JMP	FLT	JMP
2B	43	FLT	JMP	JMP	JMP	JMP	FLT
2F	47	FLT	JMP	JMP	JMP	JMP	JMP
33	51	FLT	JMP	JMP	FLT	FLT	FLT
37	55	FLT	JMP	JMP	FLT	FLT	JMP
3B	59	FLT	JMP	JMP	FLT	JMP	FLT
3F	63	FLT	JMP	JMP	FLT	JMP	JMP
43	67	FLT	FLT	FLT	JMP	FLT	FLT
47	71	FLT	FLT	FLT	JMP	FLT	JMP
4B	75	FLT	FLT	FLT	JMP	JMP	FLT
4F	79	FLT	FLT	FLT	JMP	JMP	JMP
53	83	FLT	FLT	FLT	FLT	FLT	FLT
57	87	FLT	FLT	FLT	FLT	FLT	JMP
5B	91	FLT	FLT	FLT	FLT	JMP	FLT
5F	95	FLT	FLT	FLT	FLT	JMP	JMP
63	99	FLT	FLT	JMP	JMP	FLT	FLT
67	103	FLT	FLT	JMP	JMP	FLT	JMP
6B	107	FLT	FLT	JMP	JMP	JMP	FLT
6F	111	FLT	FLT	JMP	JMP	JMP	JMP
73	115	FLT	FLT	JMP	FLT	FLT	FLT
77	119	FLT	FLT	JMP	FLT	FLT	JMP
7B	123	FLT	FLT	JMP	FLT	JMP	FLT
7F	127	FLT	FLT	JMP	FLT	JMP	JMP
83	131	JMP	JMP	FLT	JMP	FLT	FLT
87	135	JMP	JMP	FLT	JMP	FLT	JMP
8B	139	JMP	JMP	FLT	JMP	JMP	FLT
8F	143	JMP	JMP	FLT	JMP	JMP	JMP
93	147	JMP	JMP	FLT	FLT	FLT	FLT
97	151	JMP	JMP	FLT	FLT	FLT	JMP
9B	155	JMP	JMP	FLT	FLT	JMP	FLT
9F	159	JMP	JMP	FLT	FLT	JMP	JMP
A3	163	JMP	JMP	JMP	JMP	FLT	FLT
A7	167	JMP	JMP	JMP	JMP	FLT	JMP
AB	171	JMP	JMP	JMP	JMP	JMP	FLT
AF	175	JMP	JMP	JMP	JMP	JMP	JMP
B3	179	JMP	JMP	JMP	FLT	FLT	FLT
B7	183	JMP	JMP	JMP	FLT	FLT	JMP
BB	187	JMP	JMP	JMP	FLT	JMP	FLT
BF	191	JMP	JMP	JMP	FLT	JMP	JMP
C3	195	JMP	FLT	FLT	JMP	FLT	FLT
C7	199	JMP	FLT	FLT	JMP	FLT	JMP
CB	203	JMP	FLT	FLT	JMP	JMP	FLT
CF	207	JMP	FLT	FLT	JMP	JMP	JMP
D3	211	JMP	FLT	FLT	FLT	FLT	FLT
D7	215	JMP	FLT	FLT	FLT	FLT	JMP
DB	219	JMP	FLT	FLT	FLT	JMP	FLT
DF	223	JMP	FLT	FLT	FLT	JMP	JMP
E3	227	JMP	FLT	JMP	JMP	FLT	FLT
E7	231	JMP	FLT	JMP	JMP	FLT	JMP
EB	235	JMP	FLT	JMP	JMP	JMP	FLT
EF	239	JMP	FLT	JMP	JMP	JMP	JMP
F3	243	JMP	FLT	JMP	FLT	FLT	FLT
F7	247	JMP	FLT	JMP	FLT	FLT	JMP
FB	251	JMP	FLT	JMP	FLT	JMP	FLT
FF	255	JMP	FLT	JMP	FLT	JMP	JMP

IBM									
NAME	TYPE I CA REFERENCE PAGE				DATE	CHANGE NO		DATE	CHANGE NO
					FEB72	309541			
					JUN 72	309533			
DESIGN	RZ	FEB72	SHT OF						
DETAIL	VR	FEB72							
CHECK			CLASSIFICATION		MUST CONFORM TO ENG SPEC		DEVELOPMENT NO		LOGIC PG NO
APPRO									RA051

1785111

C

220-0124-0 r MRO# 780822204 VERTICAL ELECTRICAL FORMAT ASTROCLOTH NOBOT 3/69

C

1785112

SELECT IN - SELECT OUT JUMPERING

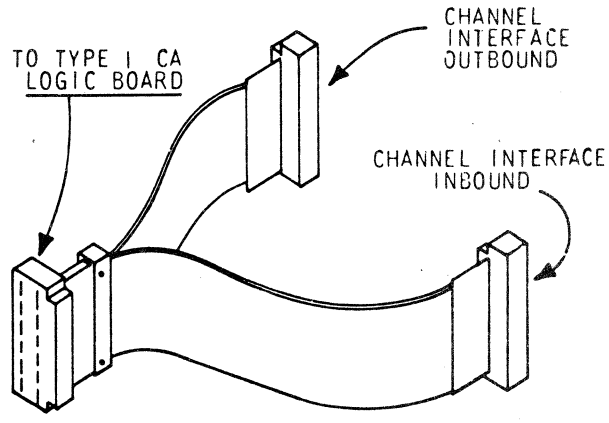
THE 3705 IS FACTORY WIRED TO TRAP ON SELECT-OUT. IN ORDER TO TRAP ON SELECT-IN, THE FOLLOWING BOARD WIRING CHANGES MUST BE MADE TO THE TYPE I CHANNEL ADAPTERS:

DELETE	PINS	IMAGE	NET NUMBER	ADD	TYPE	FROM	TO
A. INTERFACE A							
	V4B08	W	RA015DF2	ADD	YEL	V4D10	V4D09
	V4B09	W					
	V4D10	W	RA015DF6	ADD	YEL	V4B08	T4B07
	T4B07	W					
	P2D02	W					
	V4D09	W	RC801FA4	ADD	YEL	V4B09	T4B02
	T4B02	W					
	Q2M12	W					
B. INTERFACE B							
	U4B08	W	RA017DF2	ADD	YEL	U4D10	U4D09
	U4B09	W					
	U4D10	W	RA017DF6	ADD	YEL	U4B08	T4G09
	T4G09	W					
	R2M04	W					
	U4D09	W	RC802FA4	ADD	YEL	U4B09	T4G03
	T4G03	W					
	S2M12	P					

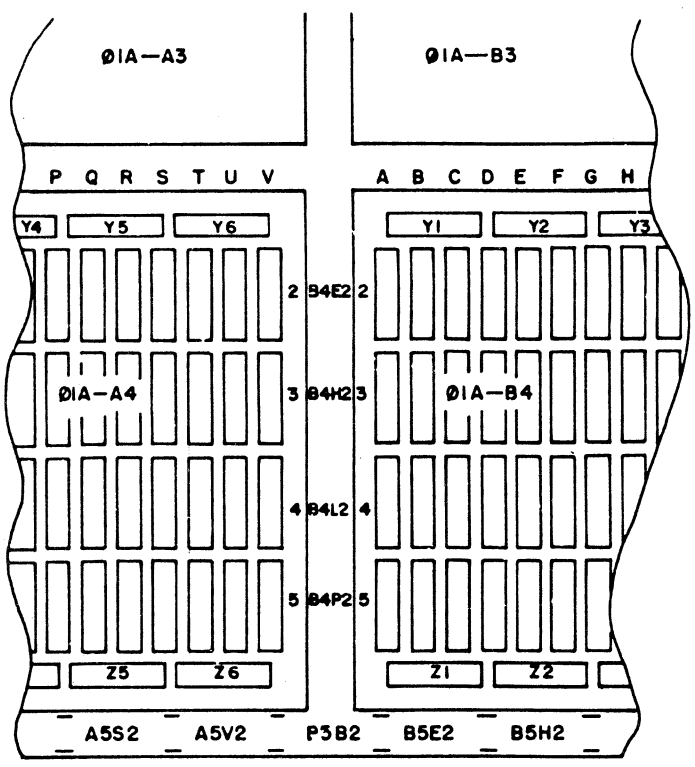
INDICATE CHANGES LISTED ON APPROPRIATE ALD PAGES.

PART NO	LOGIC PG NO
1785112	RA052

TAILGATE "Y CABLE" - P/N 5997539



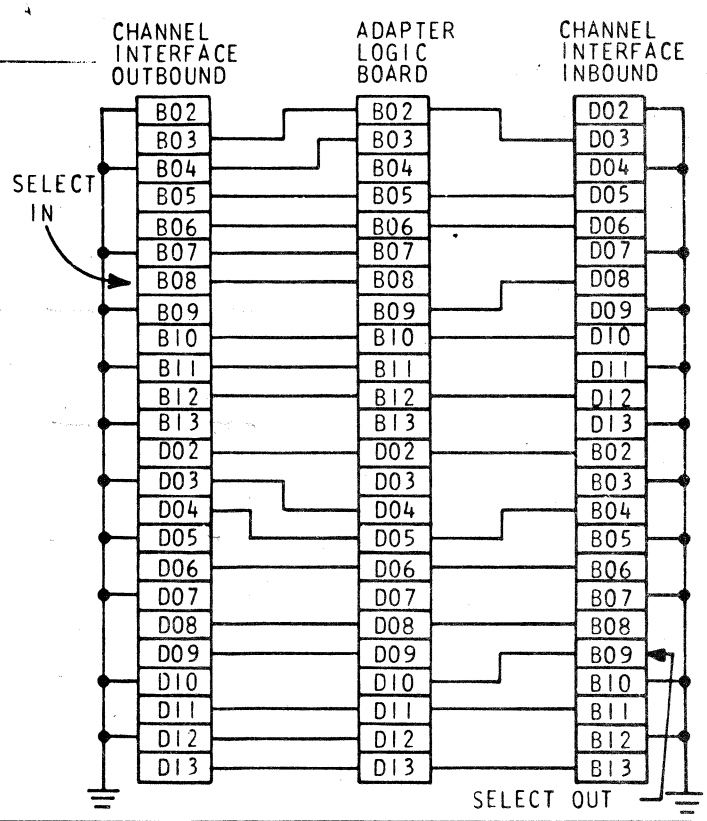
CHANNEL TAILGATE



	A	B		A	B	
BUS OUT	TO A4V2	TO A4V3	1	TO A4U2	TO A4U3	LIGHT GY CONN
BUS IN	TO A4V2	TO A4V3	2	TO A4U2	TO A4U3	DARK GY CONN
TAG OUT	TO A4V4	TO A4V5	3	TO A4U4	TO A4U5	LIGHT GY CONN
TAG IN	TO A4V4	TO A4V5	4	TO A4U4	TO A4U5	DARK GY CONN
	O1T-A1 INTERFACE A			O1U-A1 INTERFACE B(TPS)		

CARD SIDE - LOOKING INTO I/O GATE

LIGHT GRAY - 5362304 (A STYLE)
DARK GRAY - 5362305 (B STYLE)



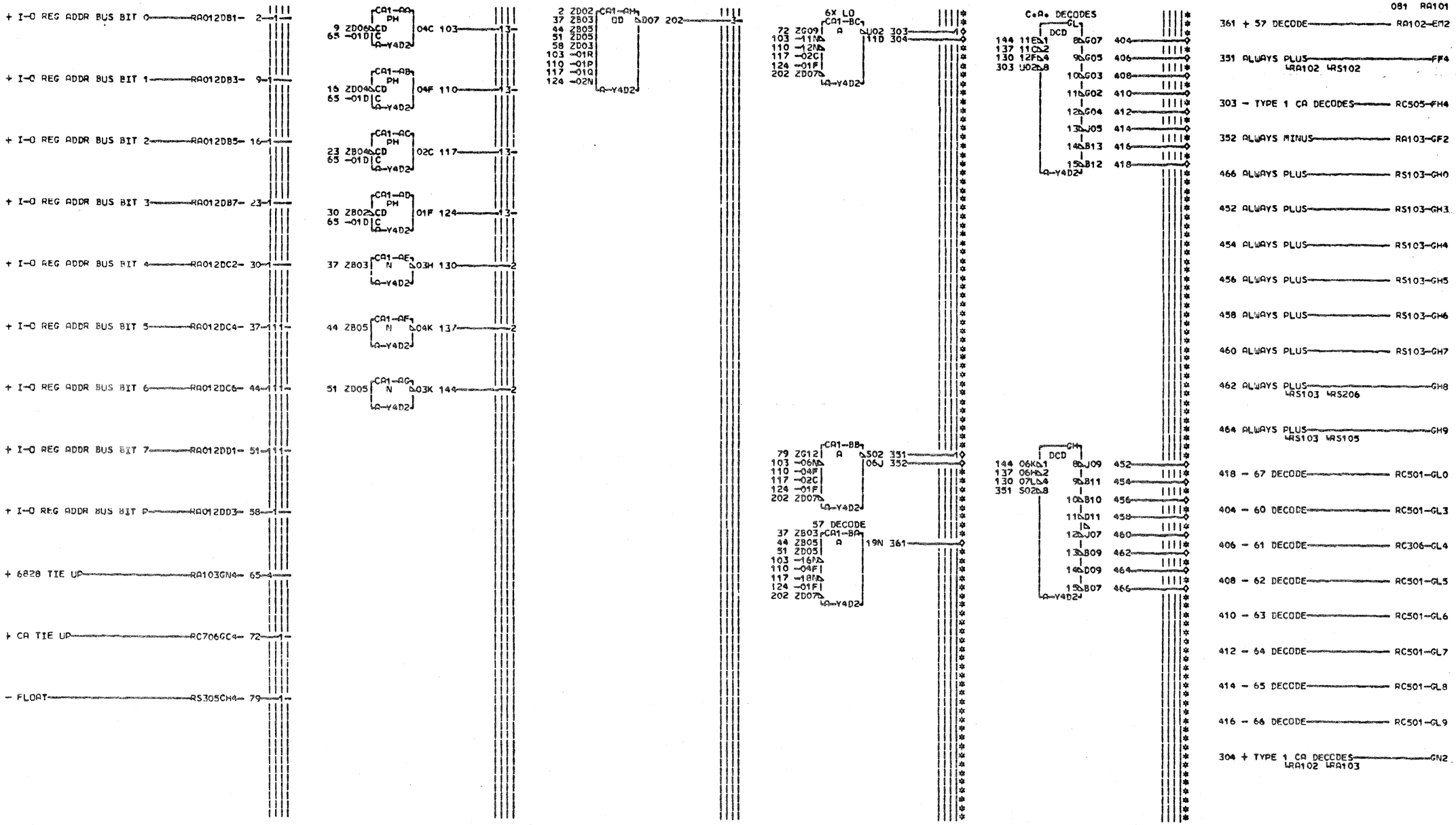
	FROM O1A-A4 BOARD		TO RACEWAY		TO RACEWAY		TO I/O PANEL SOCKET LOCATION
	SOCKET LOCATION	DIRECTION OF FOLD	LOCATION	DIRECTION OF FOLD	LOCATION	DIRECTION OF FOLD	
FIRST CHANNEL	V2	→	B5B2	←	A5V2	↓	O1T-A1A1 A1A2
	V3	→	B5B2	NO FOLD ↓			O1T-A1B1 A1B2
	V4	→	B5B2	←	B5V2	↓	O1T-A1A3 A1A4
	V5	→	B5B2	NO FOLD ↓			O1T-A1B3 A1B4
SECOND CHANNEL (TPS)	U2	→	B5B2	→	B5E2	→	O1U-A1A1 A1A2
	U3	→	B5B2	→	B5H2	→	O1U-A1B1 A1B2
	U4	→	B5B2	→	B5E2	→	O1U-A1A3 A1A4
	U5	→	B5B2	→	B5H2	→	O1U-A1B3 A1B4

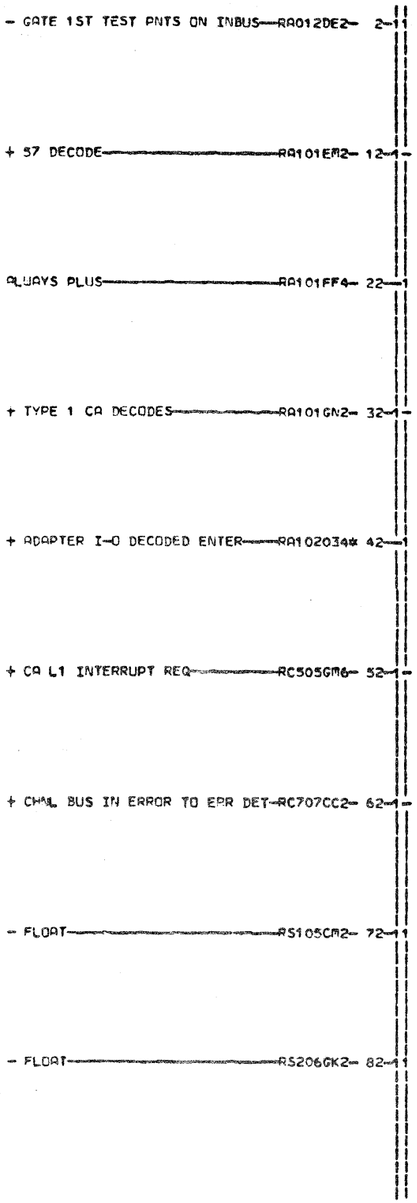
IBM								
NAME	JUMPERING TYPE I CA				DATE	CHANGE NO		DATE	CHANGE NO
REFERENCE PAGE					FEB72	309541			
DESIGN	RZ	FEB72	SHT OF	RED	JUN72	309533			
DETAIL	VR	JUN72			NOV72	309944			
CHECK			CLASSIFICATION		NOV75	312926			
APPRO				MUST CONFORM TO ENG SPEC		DEVELOPMENT NO		LOGIC PG NO	
								RA052	

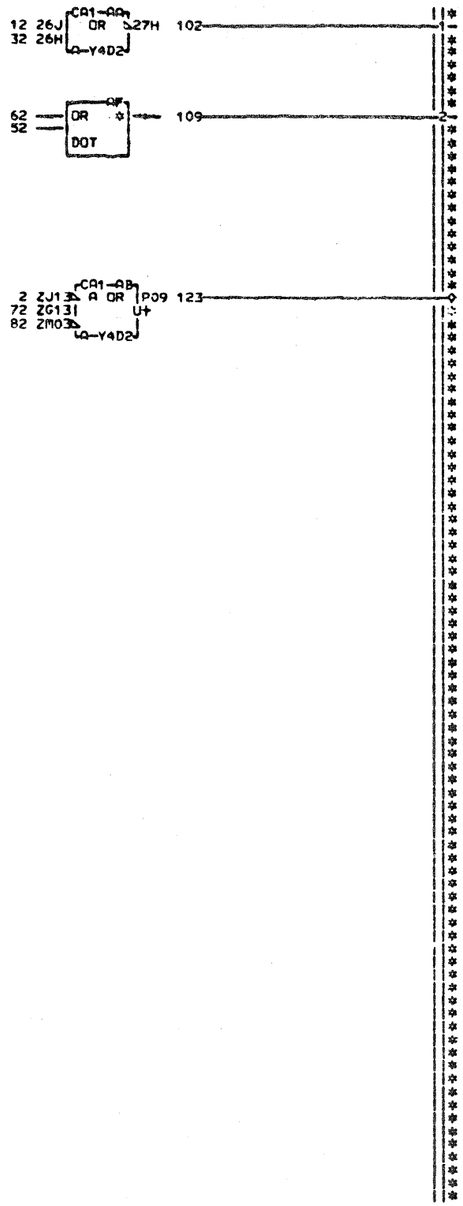
1785112

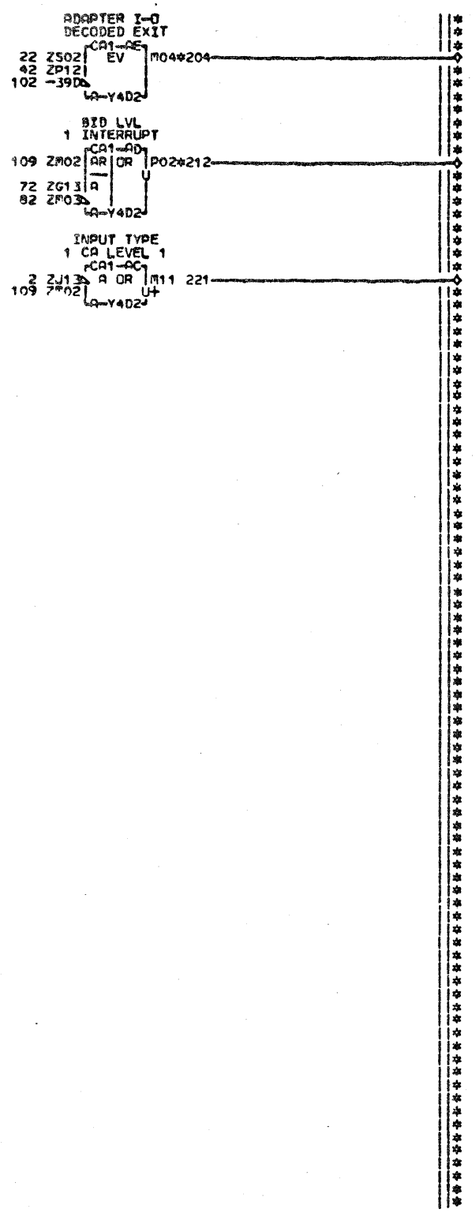
C

630-0154-0 NCR® 7605222004 VERTICAL ELECTRICAL FORMAT AUTOCLOTH INC. 3799
DIGITAL MEDIA GRAPHIC CONTROLS CORPORATION Printed in U.S.A.


+ I-O REG ADDR BUS BIT 0 RA012DB1 2
+ I-O REG ADDR BUS BIT 1 RA012DB3 9
+ I-O REG ADDR BUS BIT 2 RA012DB5 16
+ I-O REG ADDR BUS BIT 3 RA012DB7 23
+ I-O REG ADDR BUS BIT 4 RA012DC2 30
+ I-O REG ADDR BUS BIT 5 RA012DC4 37
+ I-O REG ADDR BUS BIT 6 RA012DC6 44
+ I-O REG ADDR BUS BIT 7 RA012DD1 51
+ I-O REG ADDR BUS BIT P RA012DD3 58
+ 6828 TIE UP RA103GN4 65
+ CA TIE UP RC706GC4 72
- FLOAT RS305CH4 79
CA1-AA PH CD C Y4D2
9 ZD06 01D 04C 103
CA1-AB PH CD C Y4D2
16 ZD04 01D 04F 110
CA1-AC PH CD C Y4D2
23 ZB04 01D 02C 117
CA1-AD PH CD C Y4D2
30 ZB02 01D 01F 124
CA1-AE N Y4D2
37 ZB03 03H 130
CA1-AF N Y4D2
44 ZB05 04K 137
CA1-AG N Y4D2
51 ZD05 03K 144
2 ZD02 CA1-AH DD ZD07 202
37 ZB03
44 ZB05
51 ZD05
58 ZD03
103 -01R
110 -01P
117 -01Q
124 -02N
Y4D2
6X LD
CA1-BC A Y4D2
72 ZG09
103 -11N
110 -12N
117 -02C
124 -01F
202 ZD07
U02 303
11D 304
CA1-BB A Y4D2
79 ZG12
103 -06N
110 -04F
117 -02C
124 -01F
202 ZD07
S02 331
06J 332
57 DECODE
CA1-BA A Y4D2
37 ZB03
44 ZB05
51 ZD05
103 -16N
110 -04F
117 -18N
124 -01F
202 ZD07
19N 361
C.A. DECODES
GL DCD Y4D2
144 11E1
137 11C2
130 12F4
303 U02
8 G07 404
9 G05 406
10 G03 408
11 G02 410
12 G04 412
13 J05 414
14 B13 416
15 B12 418
GM DCD Y4D2
144 06K1
137 06H2
130 07L4
351 S02
8 J09 452
9 B11 454
10 B10 456
11 D11 458
12 J07 460
13 B09 462
14 D09 464
15 B07 466
081 RA101
361 + 57 DECODE RA102-EM2
331 ALWAYS PLUS WRA102 WRS102 FF4
303 - TYPE 1 CA DECODES RC505-FH4
352 ALWAYS MINUS RA103-GF2
466 ALWAYS PLUS RS103-GH0
452 ALWAYS PLUS RS103-GH3
454 ALWAYS PLUS RS103-GH4
456 ALWAYS PLUS RS103-GH5
458 ALWAYS PLUS RS103-GH6
460 ALWAYS PLUS RS103-GH7
462 ALWAYS PLUS WRS103 WRS206 GH8
464 ALWAYS PLUS WRS103 WRS105 GH9
418 - 67 DECODE RC501-GL0
404 - 60 DECODE RC501-GL3
406 - 61 DECODE RC306-GL4
408 - 62 DECODE RC501-GL5
410 - 63 DECODE RC501-GL6
412 - 64 DECODE RC501-GL7
414 - 65 DECODE RC501-GL8
416 - 66 DECODE RC501-GL9
304 + TYPE 1 CA DECODES WRA102 WRA103 GN2
LOC. TYPE
A-Y4D2 6828
TYPE 1 CA
I-O DECODES
E.C. HISTORY
MACH.27RNB
FRAME 01
IBM CORP.SCD RA101
DATE LAST EC
10-14-80 344270
P.N. 1986979 081
RA101
081 SIM TO PN 1785113 EC 309548







EDGE CONN.
42 A-Y4C4D09
204 A-Y4C2D09
212 A-Y4C2D10
01A-Y4C4D10

LOC. TYPE
A-Y4D2 6828

TYPE 1 CA
LEVEL 1 BID
E.C. HISTORY — E. ARCH. 27RNB

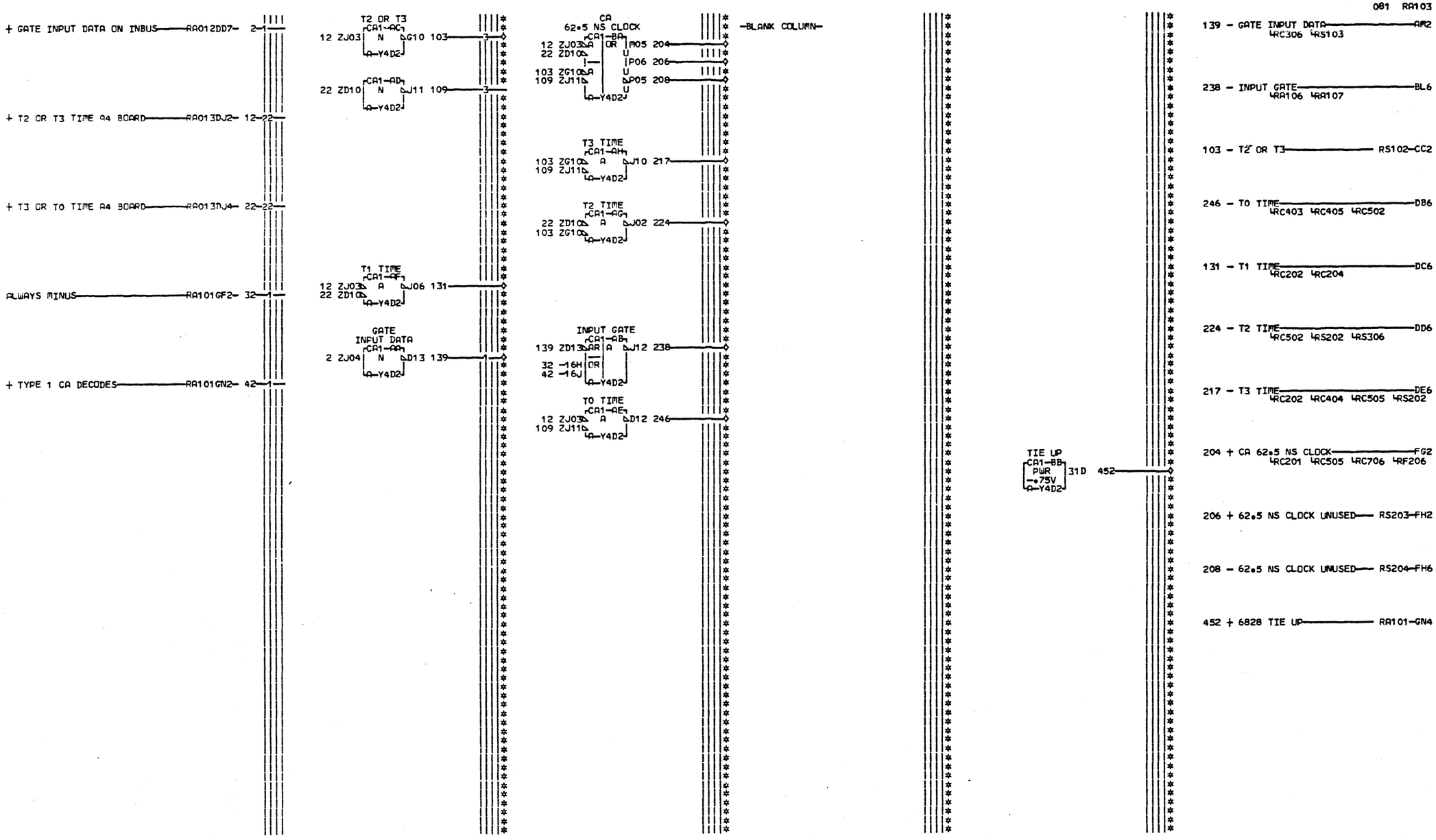
FRAME 01

IBM CORP. SCD | RA102

DATE LAST EC
10-14-80 344270

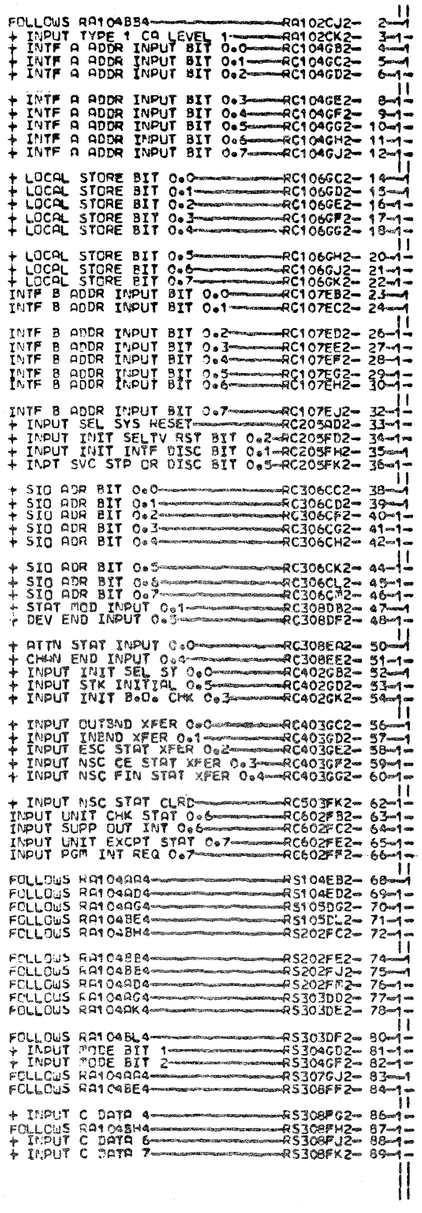
P.N. 1986980 | 081

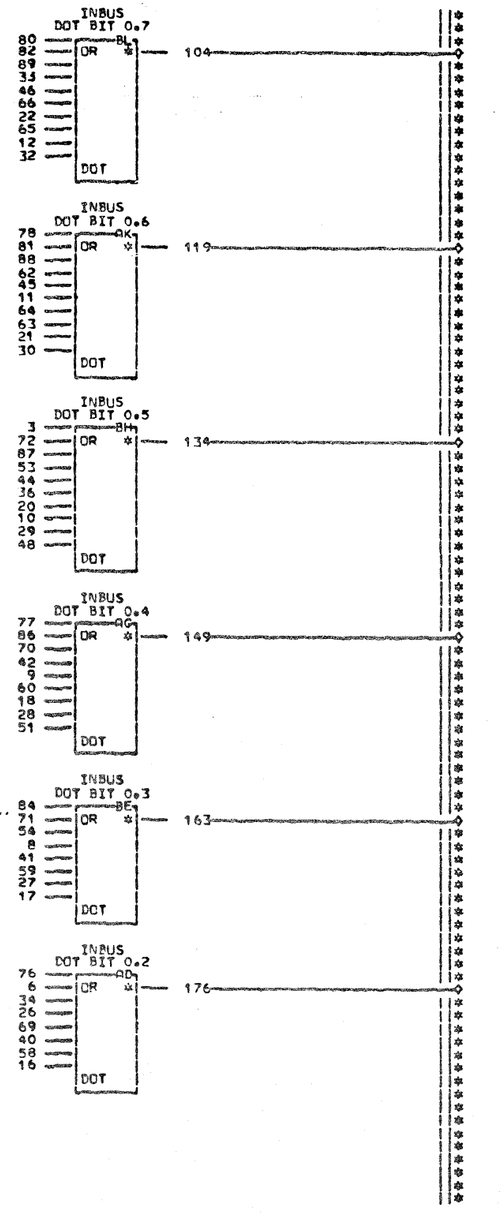
RA102
081 SIM 10 PN 1785114 EC 309545

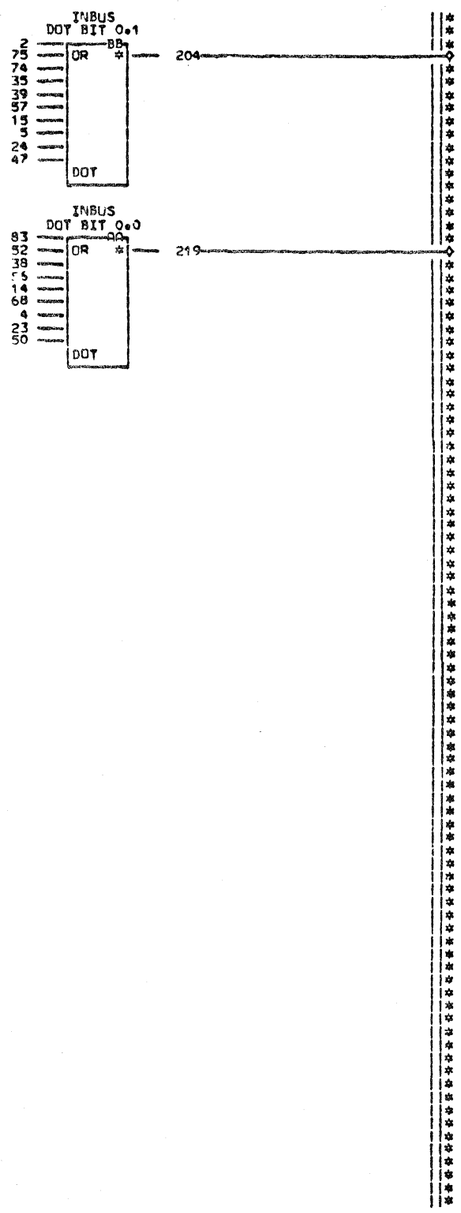


RA103
081 SIM TO PN 1785115 EC 321750

TYPE 1 CA
BASIC CLOCKING
E.C. HISTORY — E.C. 344270
MACH.27RNB
FRAME 01
IBM CORP.SCD
RA103
DATE LAST EC
04-14-81 344600
P.N. 1986981
081







081 RA104

219 + INBUS DOT BIT 0.0 — RA106-AA4

176 + INBUS DOT BIT 0.2 — RA106-AD4

149 + INBUS DOT BIT 0.4 — RA106-AG4

119 + INBUS DOT BIT 0.6 — RA106-AK4

204 + INBUS DOT BIT 0.1 — RA106-BB4

163 + INBUS DOT BIT 0.3 — RA106-BE4

134 + INBUS DOT BIT 0.5 — RA106-BH4

104 + INBUS DOT BIT 0.7 — RA106-BL4

TYPE 1 CA
INBUS DOT BYTE 0

E.C. HISTORY | MACH.27RNB

FRAME 01

DATE LAST EC
10-14-80 344270

IBM CORP.SCD | RA104
P.No. 1986982 | 081

RA104

081 SIM TO PN 1785116 EC 309543

+ INPUT SUPPRESSIBLE STAT STK — RC204GM2 — 2
+ INPUT SVC SELTV RST BIT 1.2 — RC205FX2 — 3

+ INPUT SIO CMND BIT 1.0 — RC306GD2 — 5
+ INPUT SIO CMND BIT 1.1 — RC306GE2 — 6

+ INPUT SIO CMND BIT 1.2 — RC306GG2 — 8
+ INPUT SIO CMND BIT 1.3 — RC306GH2 — 9

+ INPUT SIO CMND BIT 1.4 — RC306GJ2 — 11
+ INPUT SIO CMND BIT 1.5 — RC306GL2 — 12

+ INPUT SIO CMND BIT 1.6 — RC306GM2 — 14
+ INPUT SIO CMND BIT 1.7 — RC306GN2 — 15

+ LOCAL STORE BIT 1.0 — RC307GC2 — 17
+ LOCAL STORE BIT 1.1 — RC307GD2 — 18

+ LOCAL STORE BIT 1.2 — RC307GF2 — 20
+ LOCAL STORE BIT 1.3 — RC307GG2 — 21

+ LOCAL STURE BIT 1.4 — RC307GH2 — 23
+ LOCAL STORE BIT 1.5 — RC307GK2 — 24

+ LOCAL STORE BIT 1.6 — RC307GL2 — 26
+ LOCAL STORE BIT 1.7 — RC307GM2 — 27

+ INPUT HOUR COUNT 1 1.7 — RC404GB2 — 29
+ INPUT HOUR COUNT 2 1.6 — RC404GC2 — 30

+ INPUT HOUR COUNT 4 1.5 — RC404GD2 — 32
+ INPUT SVC CH BO CHK 1.0 — RC405GF2 — 33

+ INPUT SVC STAT STK 1.3 — RC405GH2 — 35
+ INIT SEL L3 INT 1.4 — RC407CC2 — 36

+ SVC L3 INT 1.3 — RC407CD2 — 38
+ INPUT CA ENABLED 1.4 — RC504DC2 — 39

+ INPUT RN ACTIVE 1.5 — RC504DE2 — 41
+ INPUT 1.2 SUPPRESS OUT ON — RC504DG2 — 42

+ INPUT CMND CHAINING 1.4 — RC504FQ2 — 44
+ CCU BUS OUT CK BYTE 1.2 — RC505GD2 — 45

+ LOCAL STORE PAR CK BYTE 1.3 — RC505GG2 — 47
+ INVALID IO OP BYTE 1.1 — RC505GK2 — 48

+ CHNL BUS IN ERR TO BIT 1.0 — RC707DD2 — 50
+ CHNL BUS IN ERR TO BIT 1.0 — RF207DD2 — 51

- TPS TIE DOWN TO BIT 1.0 — RF207FS2 — 53
FOLLOWS RA105BL4 — RS102GG2 — 54

FOLLOWS RA105AD4 — RS206GC2 — 56
FOLLOWS RA105BE4 — RS206GE2 — 57

FOLLOWS RA105AG4 — RS206GG2 — 59
FOLLOWS RA105BH4 — RS206GJ2 — 60

FOLLOWS RA105AK4 — RS206GM2 — 62
FOLLOWS RA105AA4 — RS303DG2 — 63

FOLLOWS RA105BB4 — RS303DH2 — 65
FOLLOWS RA105AD4 — RS303DJ2 — 66

FOLLOWS RA105BE4 — RS303DK2 — 68
+ INPUT LOW PRIORITY — RS304GH2 — 69

+ INPUT A DATA 1 — RS306FD2 — 71
+ INPUT A DATA 2 — RS306FE2 — 72

+ INPUT A DATA 3 — RS306FF2 — 74
FOLLOWS RA105AG4 — RS306FG2 — 75

FOLLOWS RA105BH4 — RS306FH2 — 77
FOLLOWS RA105AK4 — RS306FJ2 — 78

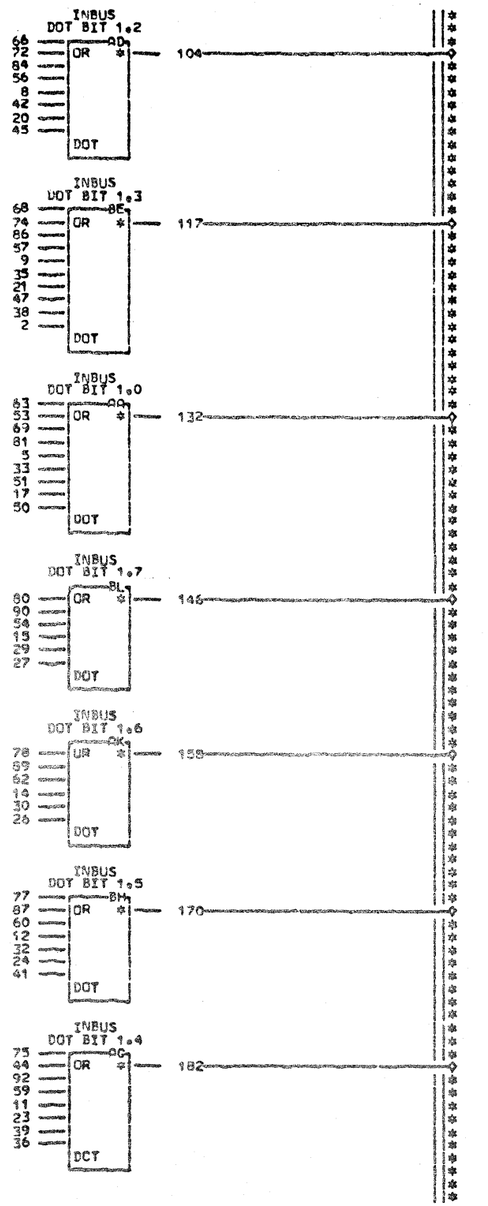
FOLLOWS RA105BL4 — RS306FK2 — 80
+ INPUT B NOT DATA 1 — RS307GA2 — 81

+ INPUT B DATA 2 — RS307GC2 — 83
+ INPUT B NOT DATA 3 — RS307GE2 — 84

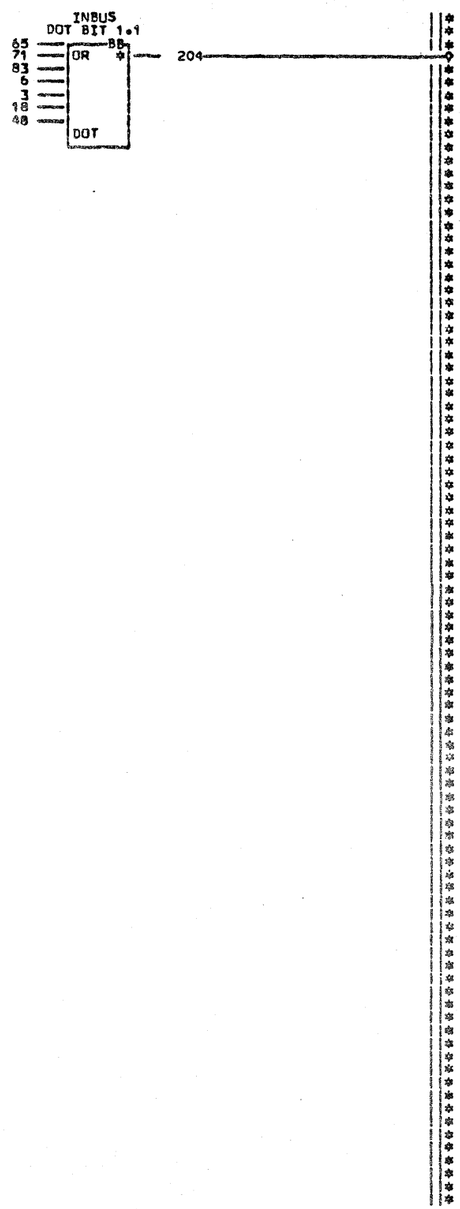
+ INPUT B DATA 4 — RS307GG2 — 86
+ INPUT B DATA 6 — RS307GL2 — 87

+ INPUT B DATA 7 — RS307GN2 — 89
+ INPUT C DATA 1 — RS308FD2 — 90

+ INPUT C DATA 2 — RS308FE2 — 92



LOC. TYPE



081 RA105

132 + INBUS DOT BIT 1.0 — RA107-AA4

104 + INBUS DOT BIT 1.2 — RA107-AD4

182 + INBUS DOT BIT 1.4 — RA107-AG4

158 + INBUS DOT BIT 1.6 — RA107-AK4

204 + INBUS DOT BIT 1.1 — RA107-BB4

117 + INBUS DOT BIT 1.3 — RA107-BE4

170 + INBUS DOT BIT 1.5 — RA107-BH4

146 + INBUS DOT BIT 1.7 — RA107-BL4

TYPE 1 CA
INBUS DOT BYTE 1
E.C. HISTORY — F. MACH.27RNB

FRAME 01

DATE LAST EC
10-14-80 344270

IBM CORP. SCD | RA105
P.N. 1986983 | 081

RA105

081 SIM TO PN 1785117 EC 309533

- INPUT GATE ——— RA103BL6 — 2 — 1

+ INBUS DOT BIT 0.0 ——— RA104AA4* 12 — 2

+ INBUS DOT BIT 0.2 ——— RA104AD4* 22 — 2

+ INBUS DOT BIT 0.4 ——— RA104AG4* 32 — 2

+ INBUS DOT BIT 0.6 ——— RA104AK4* 42 — 2

+ INBUS DOT BIT 0.1 ——— RA104BB4* 52 — 2

+ INBUS DOT BIT 0.3 ——— RA104BE4* 62 — 2

+ INBUS DOT BIT 0.5 ——— RA104BM4* 72 — 2

+ INBUS DOT BIT 0.7 ——— RA1048L4* 82 — 2

INBUS BYTE 0 BIT 7
82 ZM12 CA1-AH AR U S13*104 — A-Y4D2

INBUS BYTE 0 BIT 5
72 ZM11 CA1-AF AR U U11*111 — A-Y4D2

INBUS BYTE 0 BIT 3
62 ZS03 CA1-AD AR U S09*118 — A-Y4D2

INBUS BYTE 0 BIT 1
52 ZP09 CA1-AB AR U S04*125 — A-Y4D2

INBUS BYTE 0 BIT 6
42 ZM13 CA1-AG AR U S10*132 — A-Y4D2

INBUS BYTE 0 BIT 4
32 ZP10 CA1-AE AR U U12*139 — A-Y4D2

INBUS BYTE 0 BIT 2
22 ZU03 CA1-AC AR U S05*146 — A-Y4D2

INBUS BYTE 0 BIT 0
12 ZM07 CA1-AA AR U U07*153 — A-Y4D2

INBUS BYTE 0 BIT P
2 ZJ12 CA1-BA AR A U G11*160 — A-Y4D2

12 ZM07 EV
22 ZU03
32 ZP10
42 ZM13
52 ZP09
62 ZS03
72 ZM11
82 ZM12
A-Y4D2

153 + INBUS BYTE 0 BIT 0 ——— RA011-FB6

125 + INBUS BYTE 0 BIT 1 ——— RA011-FC6

146 + INBUS BYTE 0 BIT 2 ——— RA011-FD6

118 + INBUS BYTE 0 BIT 3 ——— RA011-FE6

139 + INBUS BYTE 0 BIT 4 ——— RA011-FF6

111 + INBUS BYTE 0 BIT 5 ——— RA011-FG6

132 + INBUS BYTE 0 BIT 6 ——— RA011-FH6

104 + INBUS BYTE 0 BIT 7 ——— RA011-FJ6

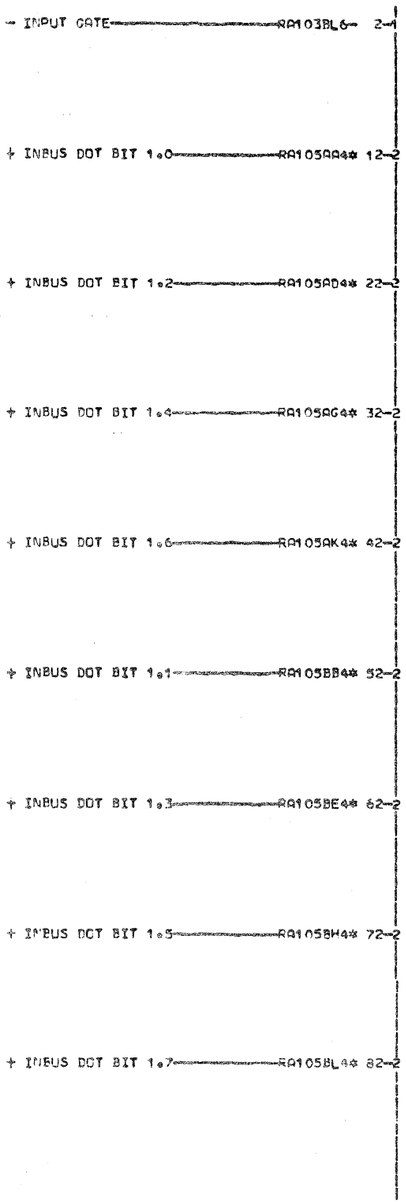
160 + INBUS BYTE 0 BIT P ——— RA011-FL2

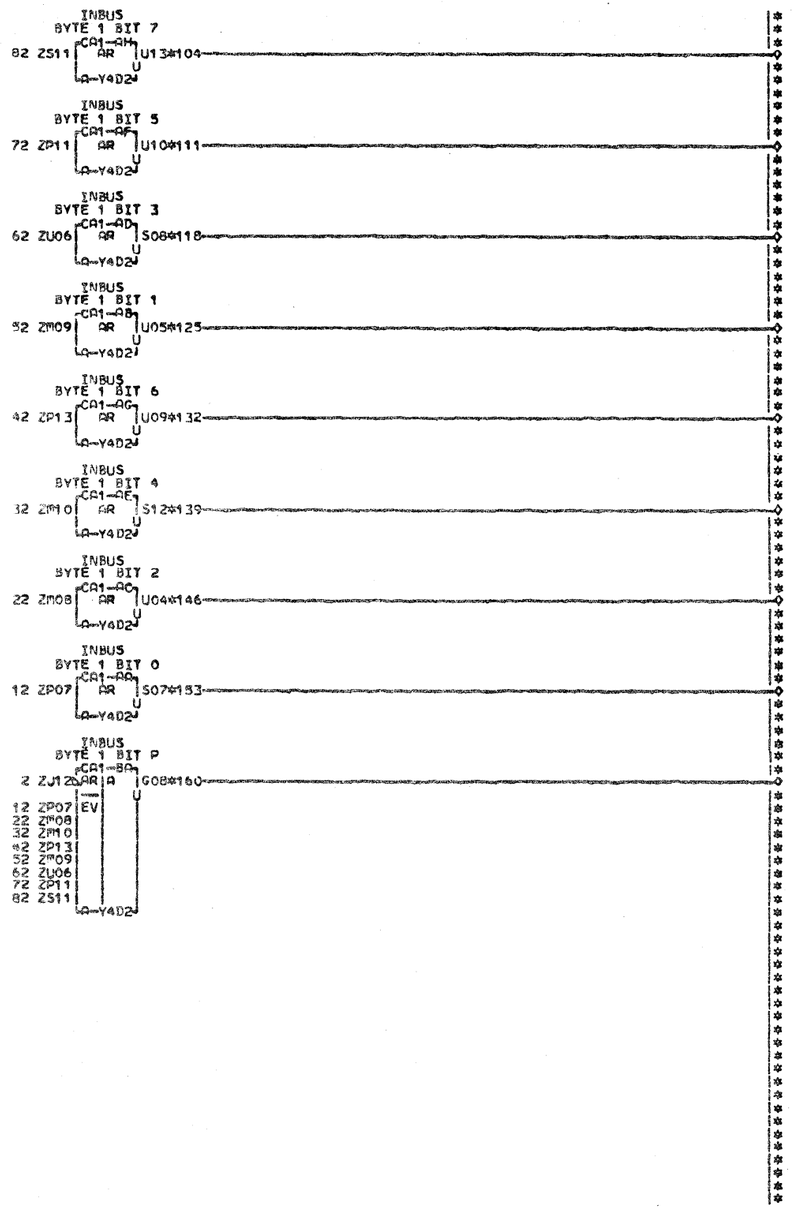
RA106
081 SIM TO PN 1765118 EC 309565

EDGE	CONN.					
12	RESISTOR	A-Y4D2P09	01	A-Y4A4B10	01	A-Y4A4B06
	A-Y4D2M07	A-Y4D2S03	01	A-Y4A4B08	01	A-Y4A4B04
22	RESISTOR	72 RESISTOR	125	A-Y4A2B05	160	A-Y4A2B02
	A-Y4D2U03	A-Y4D2M11	01	A-Y4A4B05	01	A-Y4A4B02
32	RESISTOR	82 RESISTOR	132	A-Y4A2B12		
	A-Y4D2P10	A-Y4D2M12	01	A-Y4A4B12		
42	RESISTOR	104 A-Y4A2B13	139	A-Y4A2B09		
	A-Y4D2M13	01 A-Y4A4B13	01	A-Y4A4B09		
52	RESISTOR	111 A-Y4A2B10	146	A-Y4A2B06		

LOC. TYPE
A-Y4D2 6828

TYPE 1 CA
INBUS BYTE 0
E.C.-HISTORY — E.C. PACH.27RNB
FRAME 01
DATE LAST EC
10-14-80 344270
IBM CORP.SCD
P.N. 1986984
RA106
081





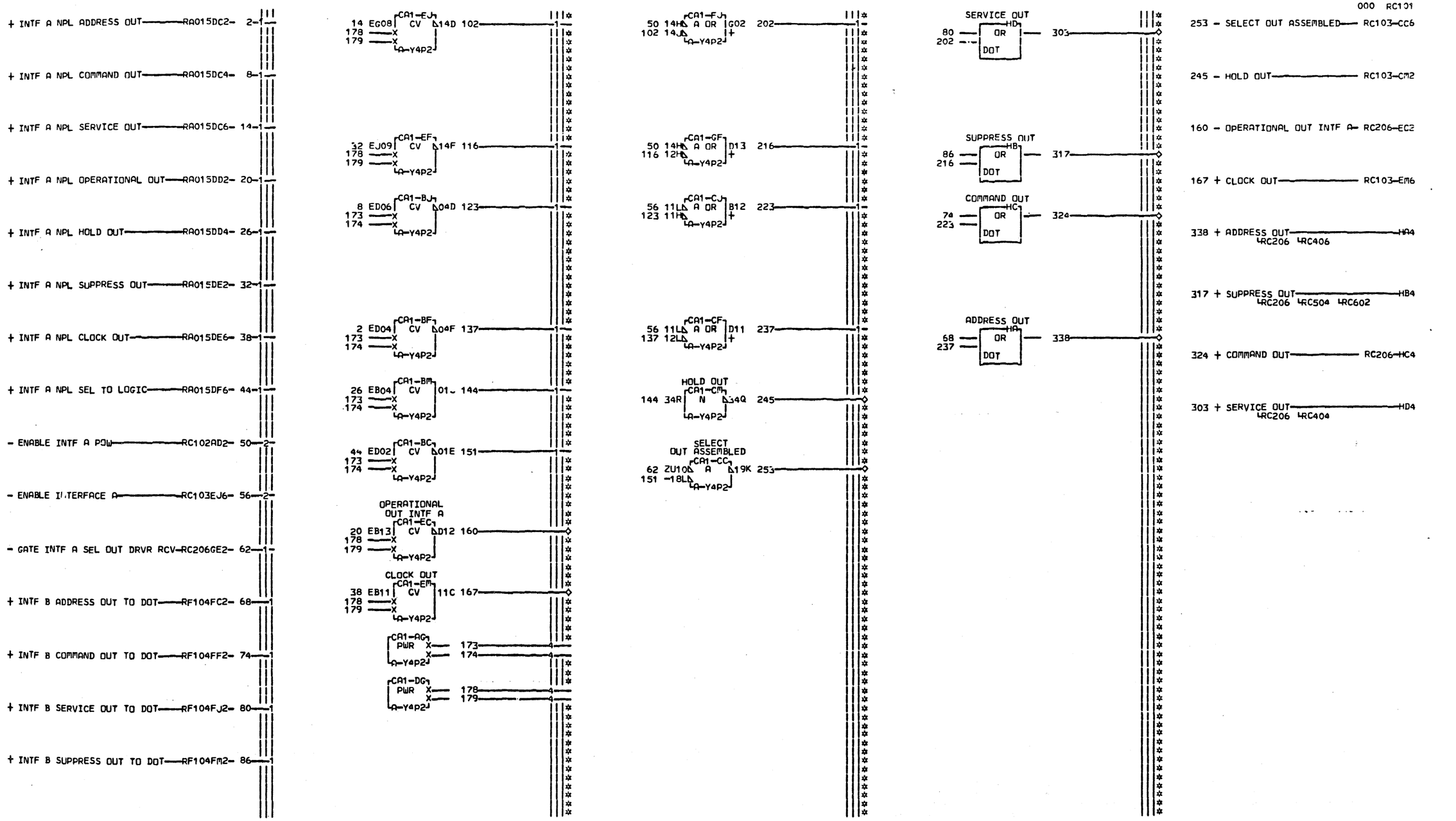
153 + INBUS BYTE 1 BIT 0 —— RA011-FB6
125 + INBUS BYTE 1 BIT 1 —— RA011-FC6
146 + INBUS BYTE 1 BIT 2 —— RA011-FD6
118 + INBUS BYTE 1 BIT 3 —— RA011-FE6
139 + INBUS BYTE 1 BIT 4 —— RA011-FF6
111 + INBUS BYTE 1 BIT 5 —— RA011-FG6
132 + INBUS BYTE 1 BIT 6 —— RA011-FH6
104 + INBUS BYTE 1 BIT 7 —— RA011-FJ6
160 + INBUS BYTE 1 BIT P —— RA011-FL2

EDGE CONN.		A-Y4D2M09	01	A-Y4A4D10	01	A-Y4A4D06
12 RESISTOR	62 RESISTOR	118	A-Y4A2D07	153	A-Y4A2D03	
A-Y4D2P07	A-Y4D2U06	01	A-Y4A4D07	01	A-Y4A4D03	
22 RESISTOR	72 RESISTOR	125	A-Y4A2D05	160	A-Y4A2D02	
A-Y4D2M08	A-Y4D2P11	01	A-Y4A4D05	01	A-Y4A4D02	
32 RESISTOR	82 RESISTOR	132	A-Y4A2D11			
A-Y4D2M10	A-Y4D2S11	01	A-Y4A4D11			
42 RESISTOR	104	A-Y4A2D13	139	A-Y4A2D09		
A-Y4D2P13	01	A-Y4A4D13	01	A-Y4A4D09		
52 RESISTOR	111	A-Y4A2D10	146	A-Y4A2D06		

LOC.	TYPE
A-Y4D2	6828

RA107
081 SIM TO PN 1785119 EC 309545

TYPE 1 CA
INBUS BYTE 1
E.C. HISTORY — E. MACH.27RNB
FRAME 01
IBM CORP. SCD | RA107
DATE LAST EC | P.N. 1986985 | 081
10-14-80 344270

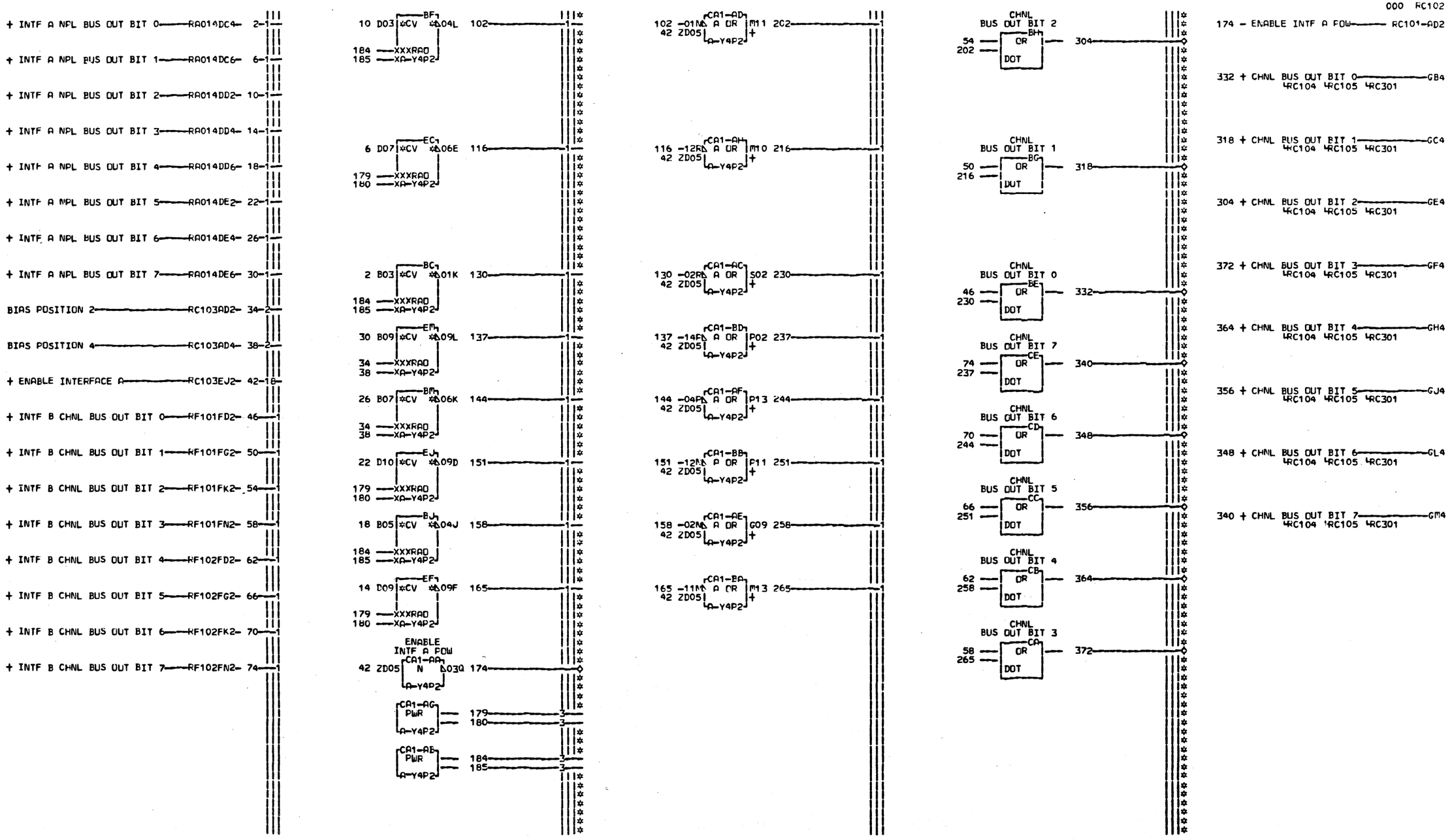


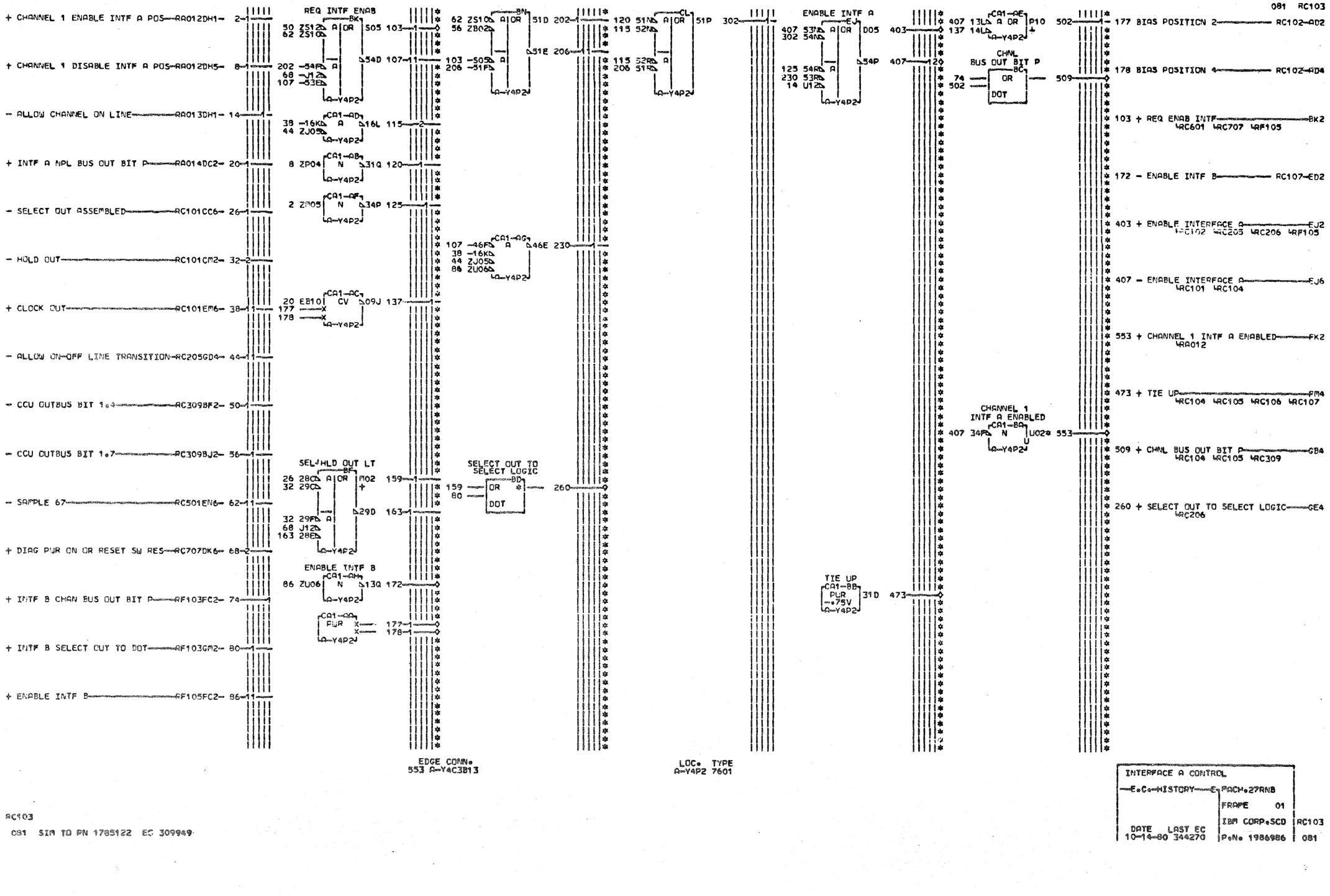
LOC. TYPE
A-Y4P2 7601

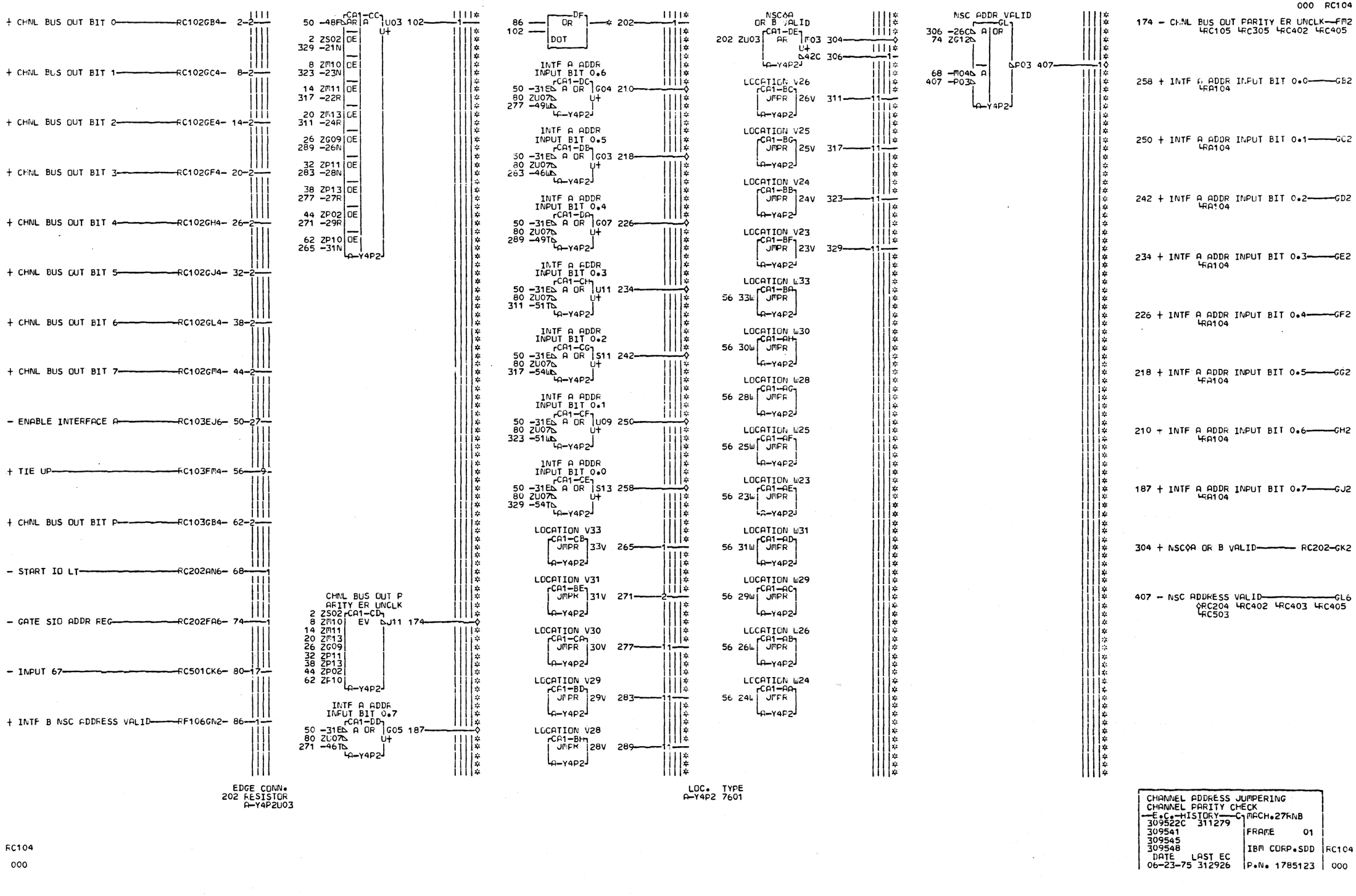
CHANNEL INTF TAGS + CONTROLS

E.C.-HISTORY-B	MACH.27RNB	
309522C 309944		
309541	FRAME 01	
309545		
309548	IBM CORP.SDD	RC101
DATE LAST EC		
12-27-72 309949	P.N. 1785120	000

RC101
000


000 RC102
+ INTF A NPL BUS OUT BIT 0 RA014DC4- 2
+ INTF A NPL BUS OUT BIT 1 RA014DC6- 6
+ INTF A NPL BUS OUT BIT 2 RA014DD2- 10
+ INTF A NPL BUS OUT BIT 3 RA014DD4- 14
+ INTF A NPL BUS OUT BIT 4 RA014DD6- 18
+ INTF A NPL BUS OUT BIT 5 RA014DE2- 22
+ INTF A NPL BUS OUT BIT 6 RA014DE4- 26
+ INTF A NPL BUS OUT BIT 7 RA014DE6- 30
BIAS POSITION 2 RC103AD2- 34
BIAS POSITION 4 RC103AD4- 38
+ ENABLE INTERFACE A RC103EJ2- 42
+ INTF B CHNL BUS OUT BIT 0 RF101FD2- 46
+ INTF B CHNL BUS OUT BIT 1 RF101FG2- 50
+ INTF B CHNL BUS OUT BIT 2 RF101FK2- 54
+ INTF B CHNL BUS OUT BIT 3 RF101FN2- 58
+ INTF B CHNL BUS OUT BIT 4 RF102FD2- 62
+ INTF B CHNL BUS OUT BIT 5 RF102FG2- 66
+ INTF B CHNL BUS OUT BIT 6 RF102FK2- 70
+ INTF B CHNL BUS OUT BIT 7 RF102FN2- 74
BF 10 D03 *CV *A04L 102
BM 26 B07 *CV *A06K 144
EC 6 D07 *CV *A06E 116
EJ 22 D10 *CV *A09D 151
BC 2 B03 *CV *A01K 130
BJ 18 B05 *CV *A04J 158
EM 30 B09 *CV *A09L 137
EF 14 D09 *CV *A09F 165
184 XXXRAD
185 XA-Y4P2
179 XXXRAD
180 XA-Y4P2
ENABLE INTF A POW
42 ZD05 CA1-AA N L03Q 174
CA1-AG PWR 179 180
CA1-AB PWR 184 185
102 -01N CA1-AD A OR M11 202
116 -12R CA1-AH A OR M10 216
130 -02R CA1-AC A OR S02 230
137 -14R CA1-BD A OR P02 237
144 -04R CA1-AF A OR P13 244
151 -12N CA1-BB A OR P11 251
158 -02N CA1-AE A OR G09 258
165 -11N CA1-BA A OR M13 265
42 ZD05 A-Y4P2
LOC. TYPE
A-Y4P2 7601
CHNL BUS OUT BIT 2 BH 54 202 OR DOT 304
CHNL BUS OUT BIT 1 BG 50 216 OR DOT 318
CHNL BUS OUT BIT 0 BE 46 230 OR DOT 332
CHNL BUS OUT BIT 7 CE 74 237 OR DOT 340
CHNL BUS OUT BIT 6 CD 70 244 OR DOT 348
CHNL BUS OUT BIT 5 CC 66 251 OR DOT 356
CHNL BUS OUT BIT 4 CB 62 258 OR DOT 364
CHNL BUS OUT BIT 3 CA 58 265 OR DOT 372
174 - ENABLE INTF A POW RC101-AD2
332 + CHNL BUS OUT BIT 0 GB4
4RC104 4RC105 4RC301
318 + CHNL BUS OUT BIT 1 GC4
4RC104 4RC105 4RC301
304 + CHNL BUS OUT BIT 2 GE4
4RC104 4RC105 4RC301
372 + CHNL BUS OUT BIT 3 GF4
4RC104 4RC105 4RC301
364 + CHNL BUS OUT BIT 4 GH4
4RC104 4RC105 4RC301
356 + CHNL BUS OUT BIT 5 GJ4
4RC104 4RC105 4RC301
348 + CHNL BUS OUT BIT 6 GL4
4RC104 4RC105 4RC301
340 + CHNL BUS OUT BIT 7 GM4
4RC104 4RC105 4RC301
CHANNEL INTF A RCVRS
E.C. HISTORY B
309522C
309541
DATE LAST EC
04-24-72 309545
MACH.27RNB
FRAME 01
IBM CORP.SDD
P.N. 1785121
RC102
000


+ CHANNEL 1 ENABLE INTF A POS—RA012DH1— 2
+ CHANNEL 1 DISABLE INTF A POS—RA012DH5— 8
- ALLOW CHANNEL ON LINE—RA013DH1— 14
+ INTF A NPL BUS OUT BIT P—RA014DC2— 20
- SELECT OUT ASSEMBLED—RC101CC6— 26
- HOLD OUT—RC101CM2— 32
+ CLOCK OUT—RC101EM6— 38
- ALLOW ON-OFF LINE TRANSITION—RC205GD4— 44
- CCU OUTBUS BIT 1.4—RC309BF2— 50
- CCU OUTBUS BIT 1.7—RC309BJ2— 56
- SAMPLE 67—RC501EN6— 62
+ DIAG PWR ON OR RESET SW RES—RC707DK6— 68
+ INTF B CHAN BUS OUT BIT P—RF103FC2— 74
+ INTF B SELECT OUT TO DOT—RF103GM2— 80
+ ENABLE INTF B—RF105FC2— 86
REQ INTF ENAB
SEL HLD OUT LT
SELECT OUT TO SELECT LOGIC
ENABLE INTF B
ENABLE INTF A
CHNL BUS OUT BIT P
TIE UP
CHANNEL 1 INTF A ENABLED
177 BIAS POSITION 2—RC102-AD2
178 BIAS POSITION 4—RC102-AD4
103 + REQ ENAB INTF—BK2
WRC601 WRC707 WRF105
172 - ENABLE INTF B—RC107-ED2
403 + ENABLE INTERFACE A—EJ2
WRC102 WRC203 WRC206 WRF105
407 - ENABLE INTERFACE A—EJ6
WRC101 WRC104
553 + CHANNEL 1 INTF A ENABLED—FK2
WRA012
473 + TIE UP—FM4
WRC104 WRC105 WRC106 WRC107
509 + CHNL BUS OUT BIT P—GB4
WRC104 WRC105 WRC309
260 + SELECT OUT TO SELECT LOGIC—GE4
WRC206
EDGE CONN.
553 A-Y4C3B13
LOC. TYPE
A-Y4P2 7601
INTERFACE A CONTROL
E.C. HISTORY
PACM.27RNB
FRAME 01
IBM CORP.SCD
P.N. 1986986
RC103
081
DATE LAST EC
10-14-80 344270
RC103
081 SIM TO PN 1785122 EC 309949


+ CHNL BUS OUT BIT 0 — RC102GB4 — 2-2
+ CHNL BUS OUT BIT 1 — RC102GC4 — 8-2
+ CHNL BUS OUT BIT 2 — RC102GE4 — 14-2
+ CHNL BUS OUT BIT 3 — RC102GF4 — 20-2
+ CHNL BUS OUT BIT 4 — RC102GH4 — 26-2
+ CHNL BUS OUT BIT 5 — RC102GJ4 — 32-2
+ CHNL BUS OUT BIT 6 — RC102GL4 — 38-2
+ CHNL BUS OUT BIT 7 — RC102GM4 — 44-2
- ENABLE INTERFACE A — RC103EJ6 — 50-27
+ TIE UP — RC103FM4 — 56-9
+ CHNL BUS OUT BIT P — RC103GB4 — 62-2
- START IO LT — RC202AN6 — 68-1
- GATE SIO ADDR REG — RC202FA6 — 74-1
- INPUT 67 — RC501CK6 — 80-17
+ INTF B NSC ADDRESS VALID — RF106GN2 — 86-1
EDGE CONN.
202 RESISTOR
A-Y4P2U03
50 -48P CA1-CC AR A U03 102 1
U+
2 ZS02 OE
329 -21N
8 ZM10 OE
323 -23N
14 ZM11 OE
317 -22R
20 ZM13 OE
311 -24R
26 ZG09 OE
289 -26N
32 ZP11 OE
283 -28N
38 ZP13 OE
277 -27R
44 ZP02 OE
271 -29R
62 ZP10 OE
265 -31N
A-Y4P2
CHNL BUS OUT P
ARITY ER UNCLK
2 ZS02 CA1-CD
8 ZM10 EV J11 174
14 ZM11
20 ZM13
26 ZG09
32 ZP11
38 ZP13
44 ZP02
62 ZP10
A-Y4P2
INTF A ADDR
INPUT BIT 0.7
CA1-DD
50 -31E A OR G05 187
80 ZU07 U+
271 -46T
A-Y4P2
86 DF
102 OR
DOT
202
INTF A ADDR
INPUT BIT 0.6
CA1-DC
50 -31E A OR G04 210
80 ZU07 U+
277 -49W
A-Y4P2
INTF A ADDR
INPUT BIT 0.5
CA1-DB
50 -31E A OR G03 218
80 ZU07 U+
283 -46W
A-Y4P2
INTF A ADDR
INPUT BIT 0.4
CA1-DA
50 -31E A OR G07 226
80 ZU07 U+
289 -49T
A-Y4P2
INTF A ADDR
INPUT BIT 0.3
CA1-CH
50 -31E A OR U11 234
80 ZU07 U+
311 -51T
A-Y4P2
INTF A ADDR
INPUT BIT 0.2
CA1-CG
50 -31E A OR S11 242
80 ZU07 U+
317 -54W
A-Y4P2
INTF A ADDR
INPUT BIT 0.1
CA1-CF
50 -31E A OR U09 250
80 ZU07 U+
323 -51W
A-Y4P2
INTF A ADDR
INPUT BIT 0.0
CA1-CE
50 -31E A OR S13 258
80 ZU07 U+
329 -54T
A-Y4P2
LOCATION V33
CA1-CB
JMPR 33V 265 1
A-Y4P2
LOCATION V31
CA1-BE
JMPR 31V 271 2
A-Y4P2
LOCATION V30
CA1-CA
JMPR 30V 277 11
A-Y4P2
LOCATION V29
CA1-BD
JMPR 29V 283 11
A-Y4P2
LOCATION V28
CA1-BH
JMPR 28V 289 11
A-Y4P2
NSC◇A
OR B VALID
202 ZU03 CA1-DE AR M03 304
U+
D42C 306 1
A-Y4P2
LOCATION V26
CA1-BC
JMPR 26V 311 11
A-Y4P2
LOCATION V25
CA1-BG
JMPR 25V 317 11
A-Y4P2
LOCATION V24
CA1-BB
JMPR 24V 323 11
A-Y4P2
LOCATION V23
CA1-BF
JMPR 23V 329 11
A-Y4P2
LOCATION W33
56 33W CA1-BA
JMPR
A-Y4P2
LOCATION W30
56 30W CA1-AH
JMPR
A-Y4P2
LOCATION W28
56 28W CA1-AG
JMPR
A-Y4P2
LOCATION W25
56 25W CA1-AF
JMPR
A-Y4P2
LOCATION W23
56 23W CA1-AE
JMPR
A-Y4P2
LOCATION W31
56 31W CA1-AD
JMPR
A-Y4P2
LOCATION W29
56 29W CA1-AC
JMPR
A-Y4P2
LOCATION W26
56 26W CA1-AB
JMPR
A-Y4P2
LOCATION W24
56 24W CA1-AA
JMPR
A-Y4P2
LOC. TYPE
A-Y4P2 7601
NSC ADDR VALID
306 -26C A OR GL
74 ZG12
68 -M04 A
407 -P03
A-Y4P2
P03 407 1
000 RC104
174 - CHNL BUS OUT PARITY ER UNCLK — FM2
RC105 RC305 RC402 RC405
258 + INTF A ADDR INPUT BIT 0.0 — GB2
RA104
250 + INTF A ADDR INPUT BIT 0.1 — GC2
RA104
242 + INTF A ADDR INPUT BIT 0.2 — GD2
RA104
234 + INTF A ADDR INPUT BIT 0.3 — GE2
RA104
226 + INTF A ADDR INPUT BIT 0.4 — GF2
RA104
218 + INTF A ADDR INPUT BIT 0.5 — GG2
RA104
210 + INTF A ADDR INPUT BIT 0.6 — GH2
RA104
187 + INTF A ADDR INPUT BIT 0.7 — GJ2
RA104
304 + NSC◇A OR B VALID — RC202-GK2
407 - NSC ADDRESS VALID — GL6
◇RC204 RC402 RC403 RC405
RC503
CHANNEL ADDRESS JUMPERING
CHANNEL PARITY CHECK
E.C. HISTORY
309522C 311279
309541
309545
309548
DATE LAST EC
06-23-75 312926
MACH.27 RNB
FRAME 01
IBM CORP. SDD
P.N. 1785123
RC104
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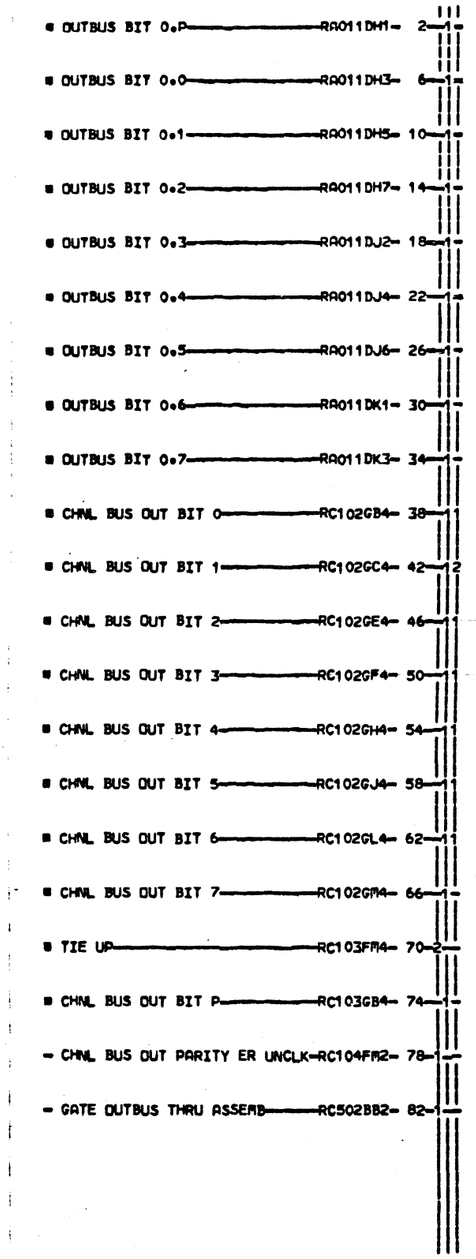
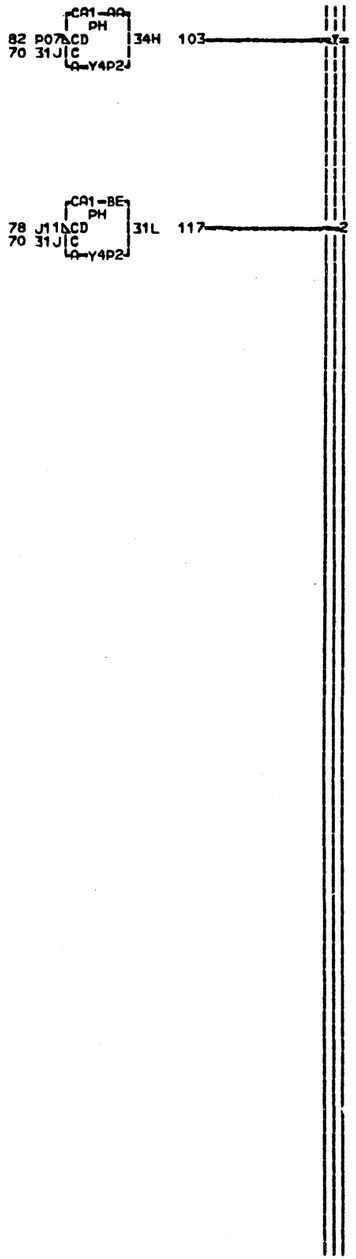
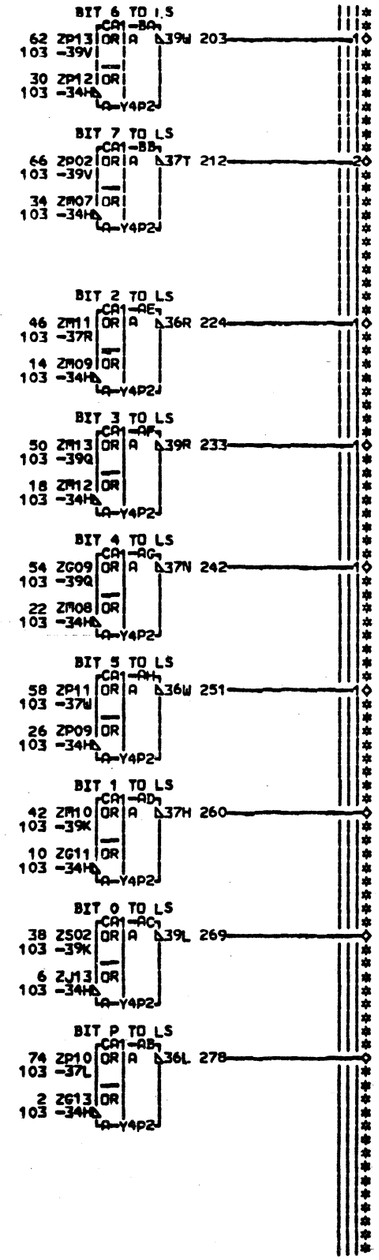
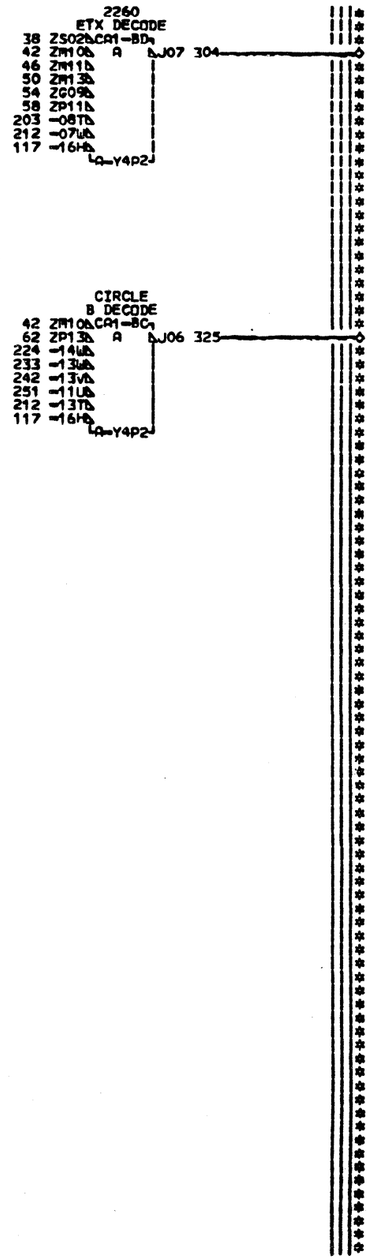
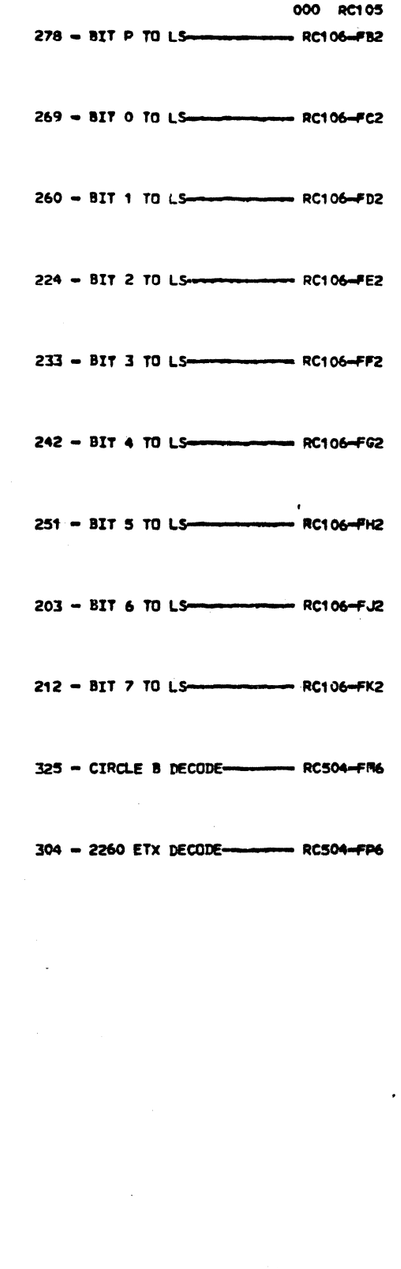
RC104
000









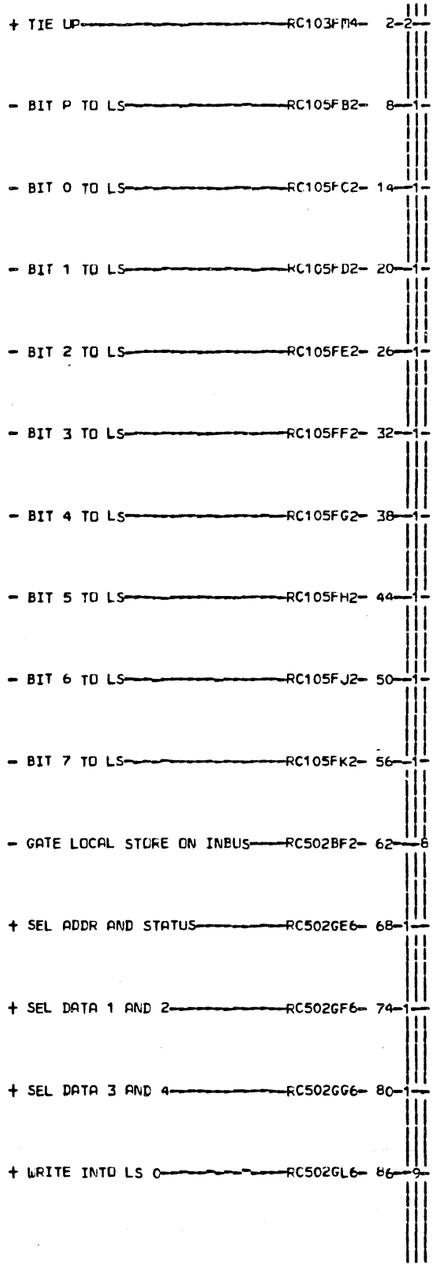


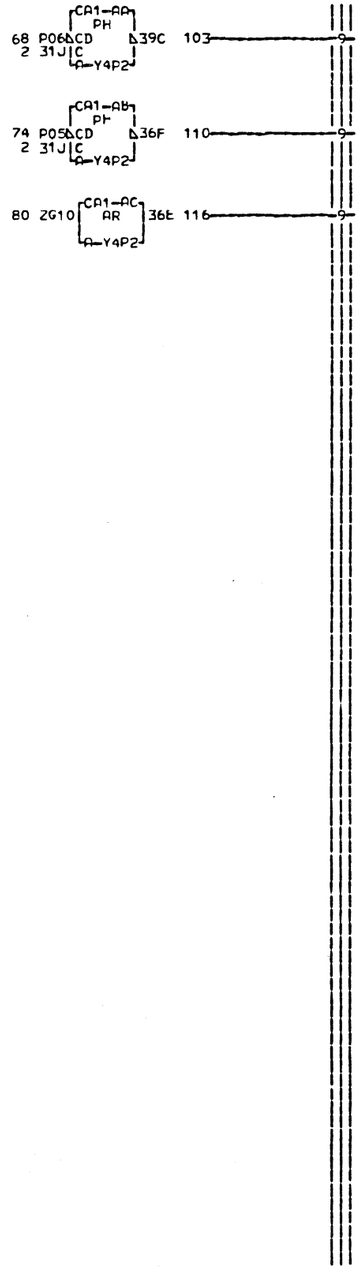
LOC. TYPE
A-Y4P2 7601

LOCAL STORE BYTE 0 ASSEMBLER

E.C.-HISTORY	B. MACH.27RNB
309522C	
309541	FRAME 01
309545	
DATE LAST EC	IBM CORP.SDD RC105
05-26-72 309548	P.N. 1785124 000

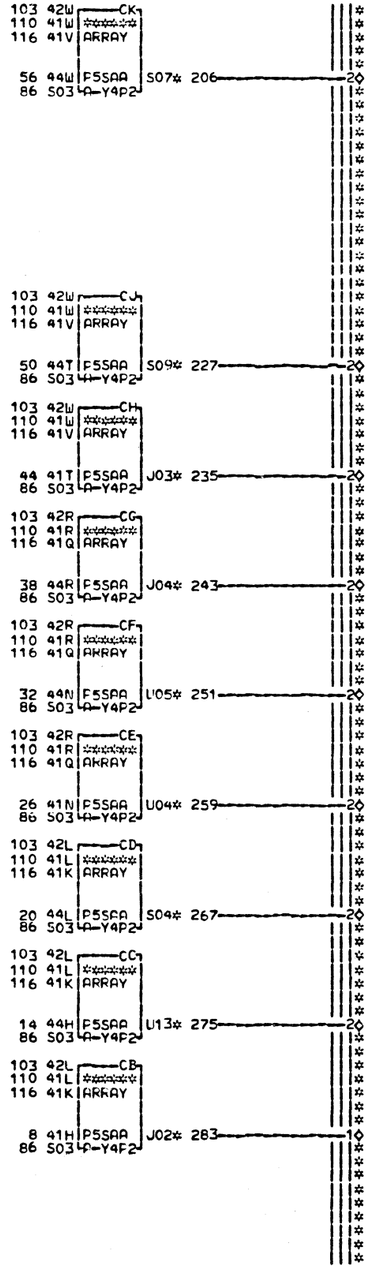
RC105
000



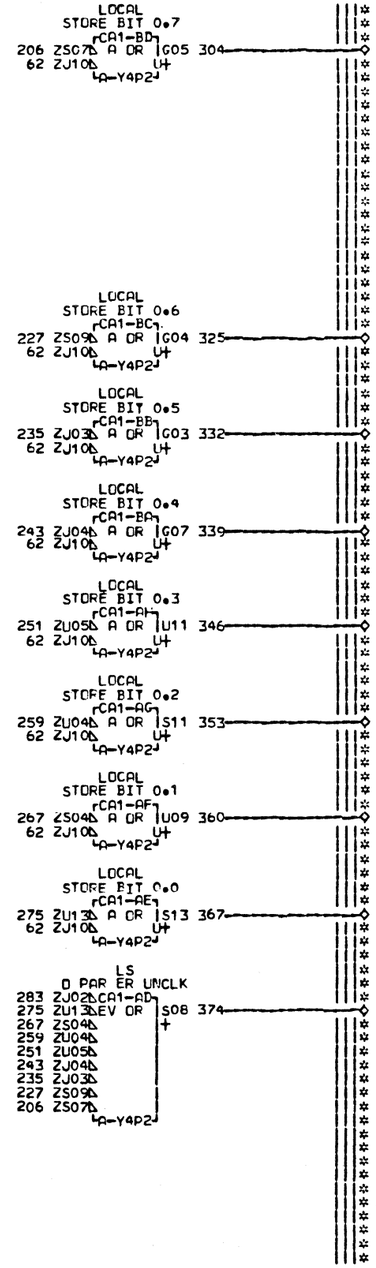


EDGE CONN.

206	RESISTOR A-Y4F2S07	259	RESISTOR A-Y4F2U04
227	RESISTOR A-Y4F2S09	267	RESISTOR A-Y4F2S04
235	RESISTOR A-Y4F2J03	275	RESISTOR A-Y4F2U13
243	RESISTOR A-Y4F2J04	283	RESISTOR A-Y4F2J02
251	RESISTOR		



LOC. TYPE
A-Y4P2 7601



283 - LOCAL STORE BIT 0.P TO DRVR — CB6
LRC703 LRF203

275 - LOCAL STORE BIT 0.0 TO DRVR — CC6
LRC701 LRF201

267 - LOCAL STORE BIT 0.1 TO DRVR — CD6
LRC701 LRF201

259 - LOCAL STORE BIT 0.2 TO DRVR — CE6
LRC701 LRF201

251 - LOCAL STORE BIT 0.3 TO DRVR — CF6
LRC702 LRF202

243 - LOCAL STORE BIT 0.4 TO DRVR — CG6
LRC702 LRF202

235 - LOCAL STORE BIT 0.5 TO DRVR — CH6
LRC702 LRF202

227 - LOCAL STORE BIT 0.6 TO DRVR — CJ6
LRC703 LRF203

206 - LOCAL STORE BIT 0.7 TO DRVR — CK6
LRC703 LRF203

374 + LS D PAR ER UNCLK — RC505-FM2

367 + LOCAL STORE BIT 0.0 — RA104-GC2

360 + LOCAL STORE BIT 0.1 — RA104-GD2

353 + LOCAL STORE BIT 0.2 — RA104-GE2

346 + LOCAL STORE BIT 0.3 — RA104-GF2

339 + LOCAL STORE BIT 0.4 — RA104-GG2

332 + LOCAL STORE BIT 0.5 — RA104-GH2

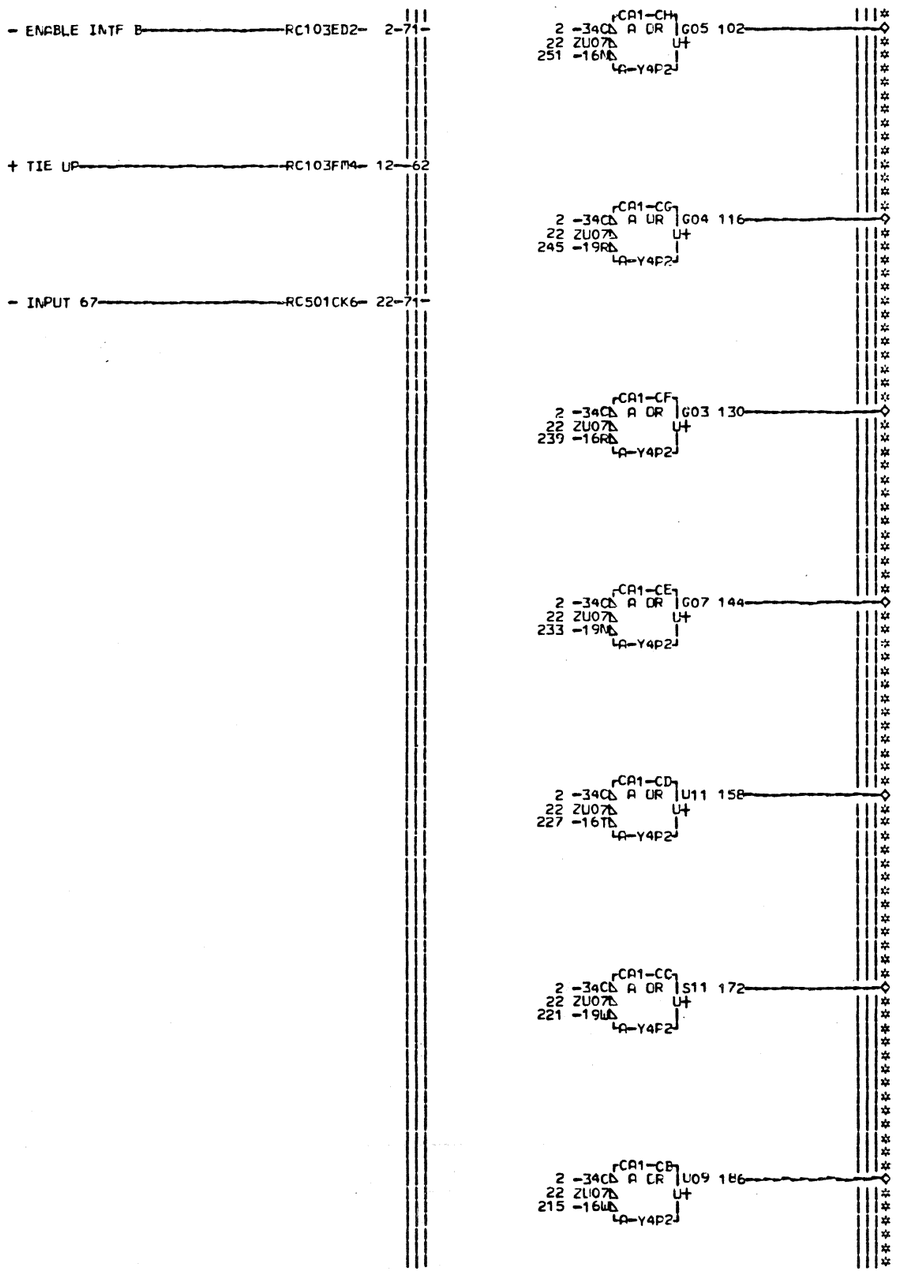
325 + LOCAL STORE BIT 0.6 — RA104-GJ2

304 + LOCAL STORE BIT 0.7 — RA104-GK2

RC106
000

LOCAL STORE BYTE 0

E.C.-HISTORY — B	MACH.27RMB	
309522C		
309541	FRAME 01	
	IBM CORP.SDD	RC106
DATE LAST EC	P.N. 1785125	000
04-24-72 309545		



202 INTF B ADDR INPUT BIT 0.0 RA104-EB2

186 INTF B ADDR INPUT BIT 0.1 RA104-EC2

172 INTF B ADDR INPUT BIT 0.2 RA104-ED2

158 INTF B ADDR INPUT BIT 0.3 RA104-EE2

144 INTF B ADDR INPUT BIT 0.4 RA104-EF2

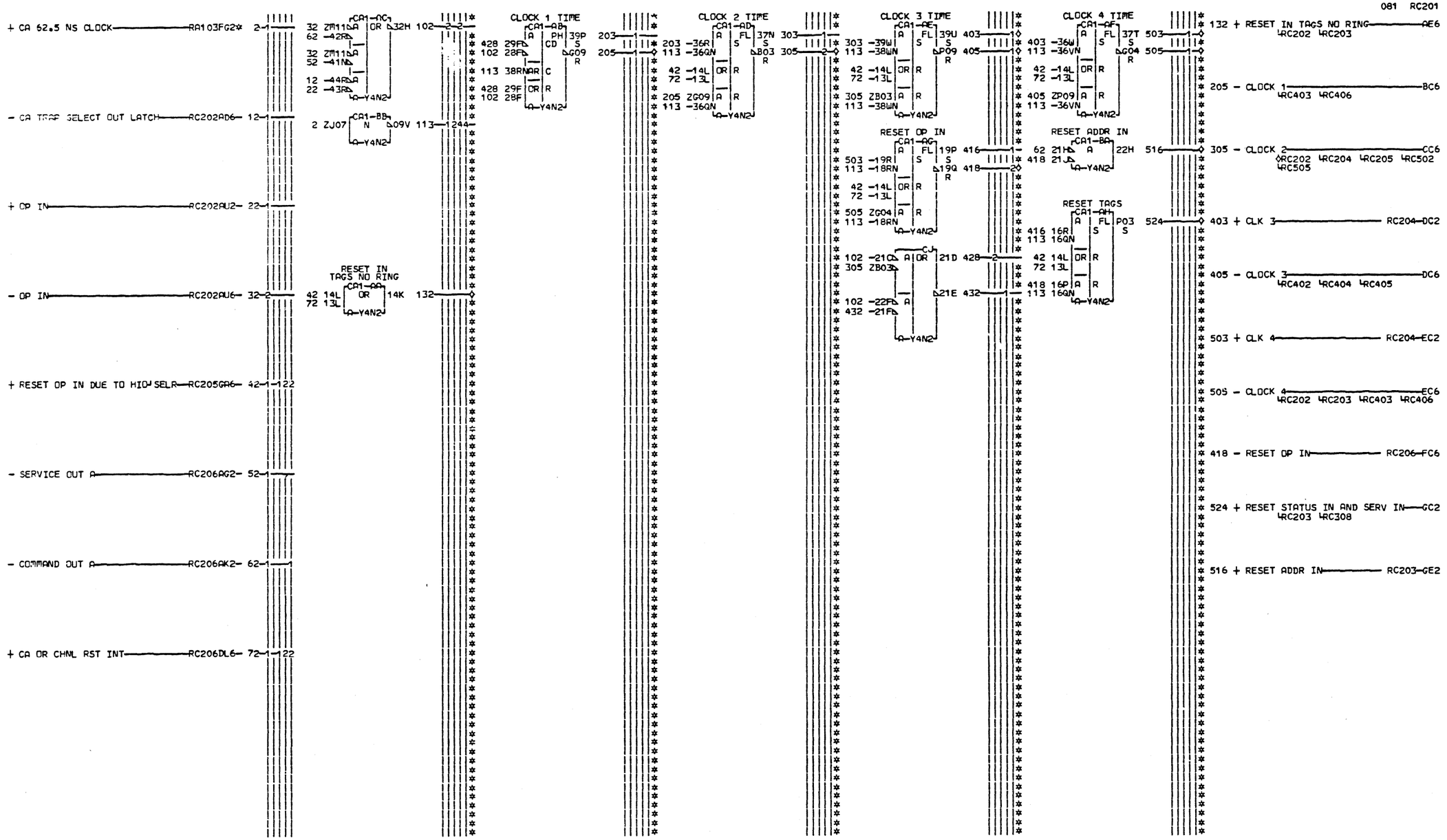
130 INTF B ADDR INPUT BIT 0.5 RA104-EG2

116 INTF B ADDR INPUT BIT 0.6 RA104-EH2

102 INTF B ADDR INPUT BIT 0.7 RA104-EJ2

INTERFACE B ADDRESS

-E.C.-HISTORY-	B PACH.27RNB
309522C	
309541	FRAME 01
	IBM CORP.SDD RC107
DATE LAST EC	P.N. 1785126 000
04-24-72 309545	

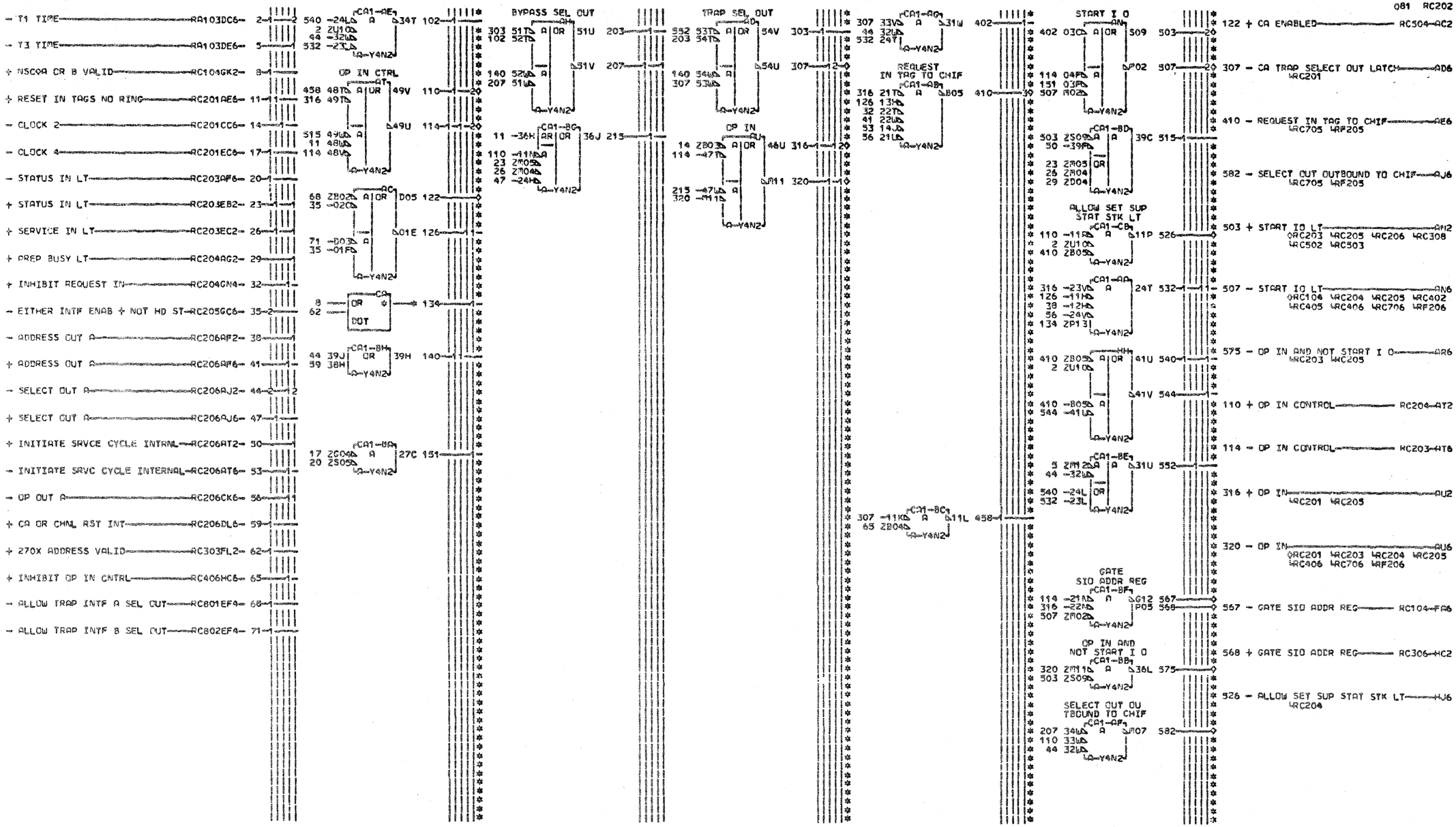


EDGE CONN.
2 RESISTOR
A-Y4N2J07

LOC. TYPE
A-Y4N2 2342

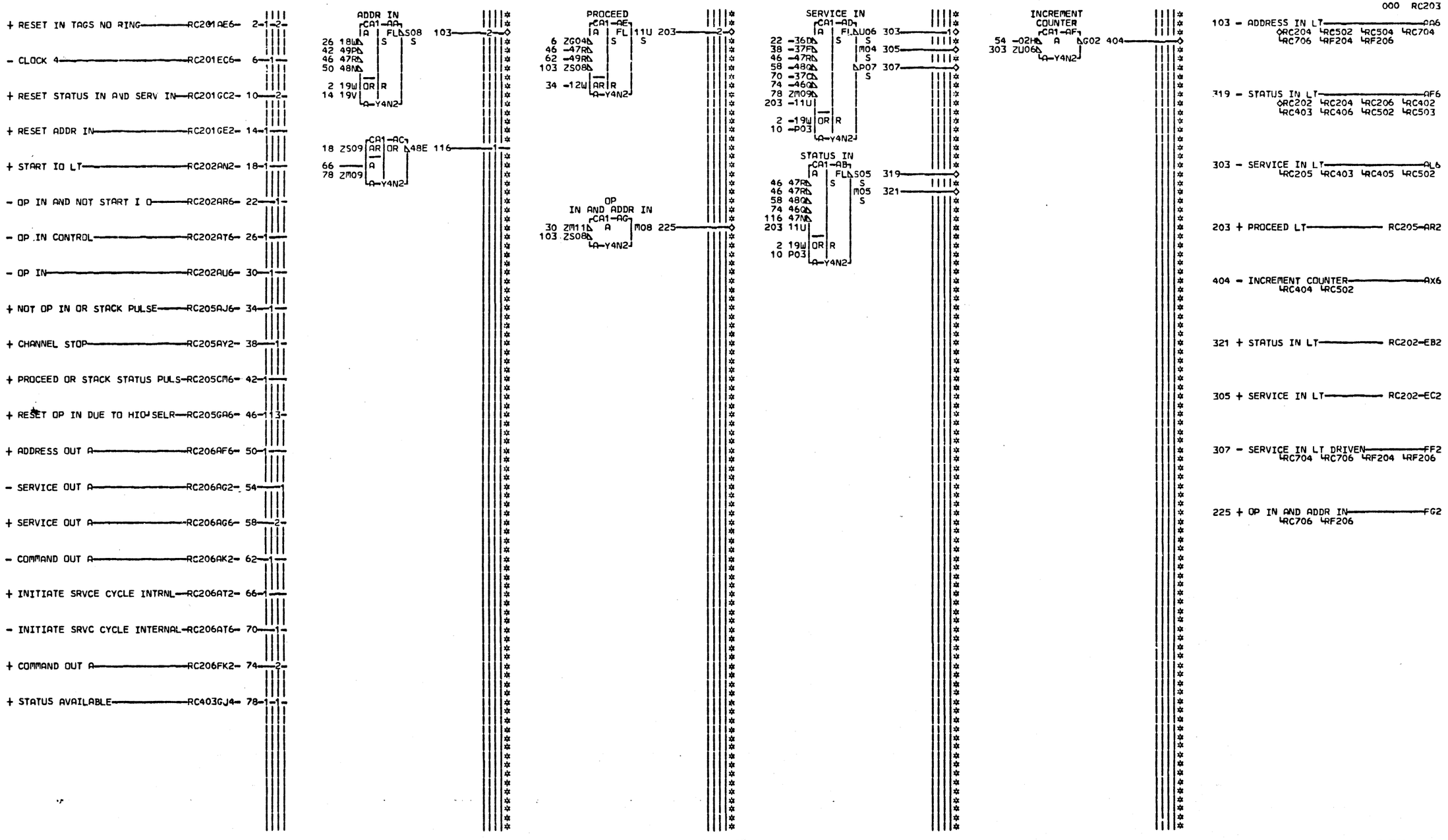
CHANNEL TAG CONTROL
TAG CLOCK
E.C.-HISTORY — E, MACH.27RNB
344270
FRAME 01
IBM CORP.SCD | RC201
DATE LAST EC
04-14-81 344600 | P.N. 1986978 | 081

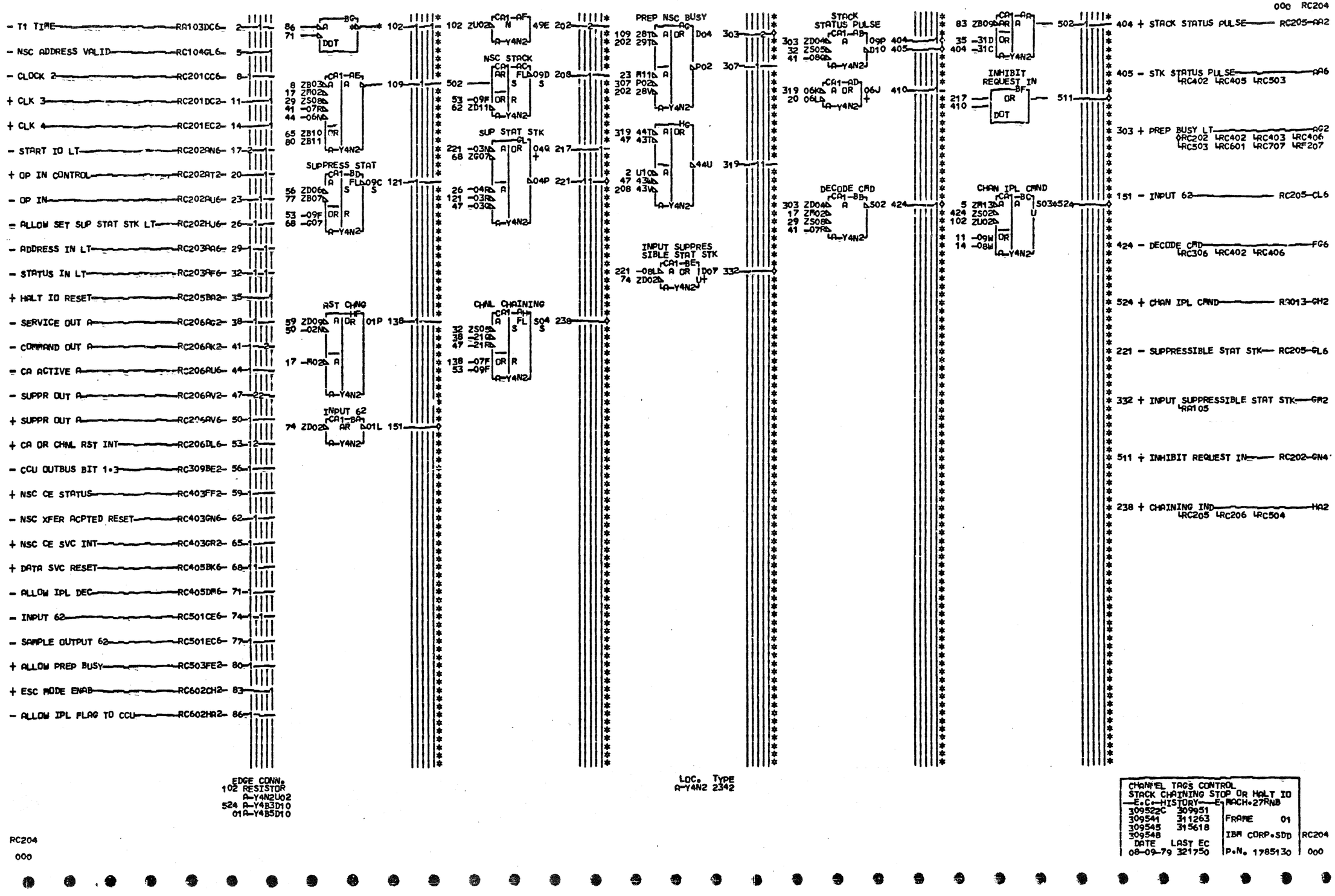
RC201
081 SIM TO PN 1785127 EC 312926

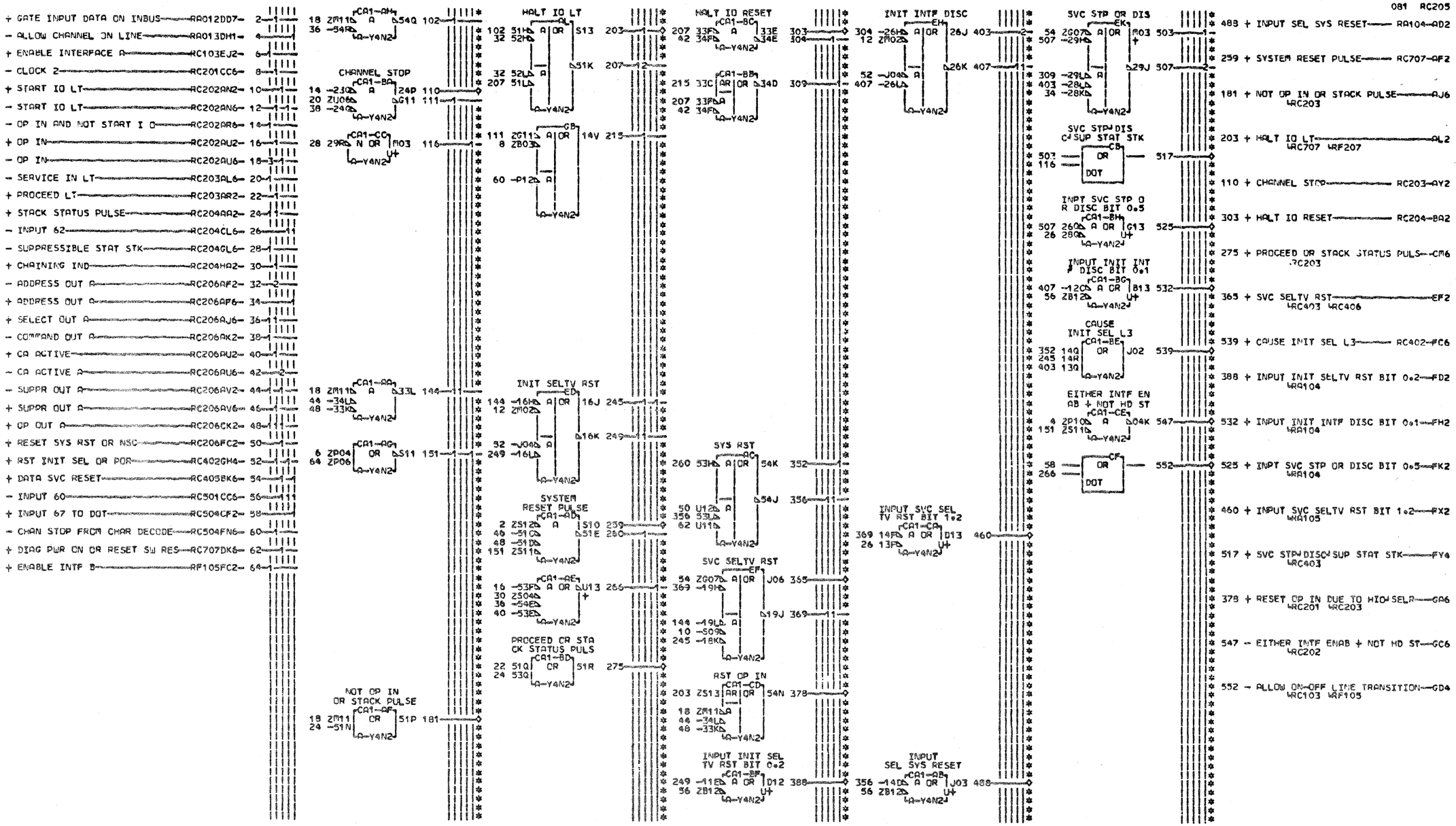


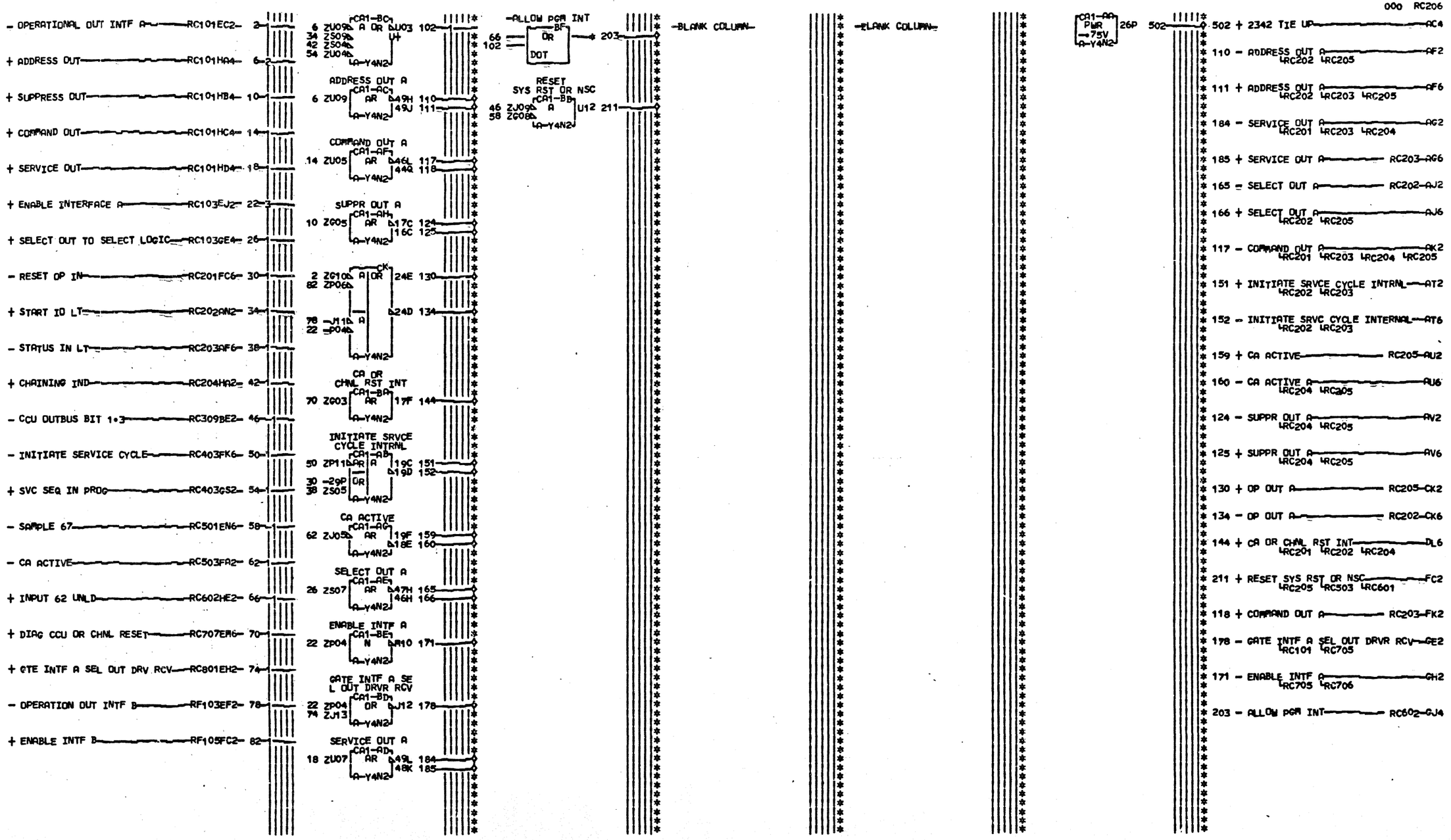
RC202

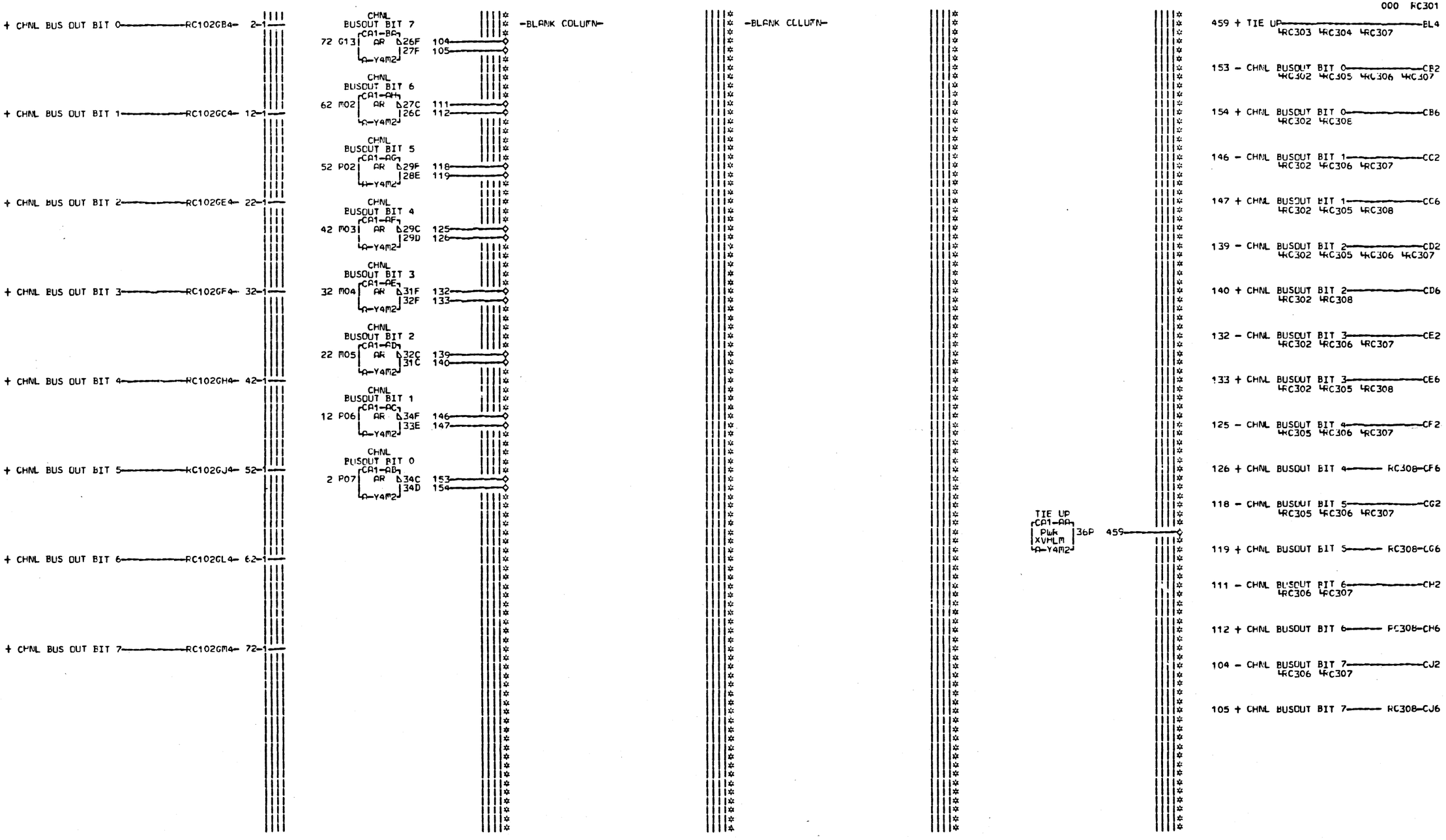
081 SIR TO PN 1785128 EC 321750


+ RESET IN TAGS NO RING RC201AE6- 2 1 2
- CLOCK 4 RC201EC6- 6 1
+ RESET STATUS IN AND SERV IN RC201GC2- 10 2
+ RESET ADDR IN RC201GE2- 14 1
+ START IO LT RC202AN2- 18 1
- OP IN AND NOT START I O RC202AR6- 22 1
- OP IN CONTROL RC202AT6- 26 1
- OP IN RC202AU6- 30 1
+ NOT OP IN OR STACK PULSE RC205AJ6- 34 1
+ CHANNEL STOP RC205AY2- 38 1
+ PROCEED OR STACK STATUS PULS RC205CM6- 42 1
+ RESET OP IN DUE TO HIO SELR RC205GA6- 46 1 3
+ ADDRESS OUT A RC206AF6- 50 1
- SERVICE OUT A RC206AG2- 54 1
+ SERVICE OUT A RC206AG6- 58 2
- COMMAND OUT A RC206AK2- 62 1
+ INITIATE SRVCE CYCLE INTRNL RC206AT2- 66 1
- INITIATE SRVC CYCLE INTERNAL RC206AT6- 70 1
+ COMMAND OUT A RC206FK2- 74 2
+ STATUS AVAILABLE RC403GJ4- 78 1 1
ADDR IN
CA1 AA
A FL S08 103 2
26 18W S S
42 49P
46 47R
50 48M
2 19W OR R
14 19V
A Y4N2
CA1 AC
18 ZS09 AR OR 48E 116 1
66 A
78 ZM09
A Y4N2
PROCEED
CA1 AE
A FL 11U 203 2
6 ZG04 S S
46 47R
62 49R
103 ZS08
34 12W AR R
A Y4N2
OP
IN AND ADDR IN
CA1 AG
30 ZM11 A M08 225
103 ZS08
A Y4N2
SERVICE IN
CA1 AD
A FL U06 303 1
22 36D S S
38 37F M04 305
46 47R S
58 48Q P07 307
70 37C S
74 46Q
78 ZM09
203 11U
2 19W OR R
10 P03
A Y4N2
STATUS IN
CA1 AB
A FL S05 319
46 47R S S
46 47R M05 321
58 48Q S
74 46Q
116 47N
203 11U
2 19W OR R
10 P03
A Y4N2
INCREMENT
COUNTER
CA1 AF
54 02H A G02 404
303 ZU06
A Y4N2
000 RC203
103 - ADDRESS IN LT AA6
RC204 RC502 RC504 RC704
RC706 RF204 RF206
319 - STATUS IN LT AF6
RC202 RC204 RC206 RC402
RC403 RC406 RC502 RC503
303 - SERVICE IN LT AL6
RC205 RC403 RC405 RC502
203 + PROCEED LT RC205-AR2
404 - INCREMENT COUNTER AX6
RC404 RC502
321 + STATUS IN LT RC202-EB2
305 + SERVICE IN LT RC202-EC2
307 - SERVICE IN LT DRIVEN FF2
RC704 RC706 RF204 RF206
225 + OP IN AND ADDR IN FG2
RC706 RF206
LOC. TYPE
A-Y4N2 2342
CHANNEL TAGS CONTROL
TAG IN LATCHES
E.C.-HISTORY B-MACH.27RNB
309522C
309541
309545
309548
DATE LAST EC
06-13-72 309533
FRAME 01
IBM CORP.SDD
P.N. 1785129
RC203
000
RC203
000


- T1 TIME RA103DC6 2
- NSC ADDRESS VALID RC104GL6 5
- CLOCK 2 RC201CC6 8
+ CLK 3 RC201DC2 11
+ CLK 4 RC201EC2 14
- START IO LT RC202AN6 17
+ OP IN CONTROL RC202AT2 20
- OP IN RC202AU6 23
= ALLOW SET SUP STAT STK LT RC202HJ6 26
- ADDRESS IN LT RC203AA6 29
- STATUS IN LT RC203AF6 32
+ HALT IO RESET RC205BA2 35
- SERVICE OUT A RC206AC2 38
- COMMAND OUT A RC206AK2 41
= CA ACTIVE A RC206AU6 44
- SUPPR OUT A RC206AV2 47
+ SUPPR OUT A RC206AV6 50
+ CA OR CHNL RST INT RC206DL6 53
- CCU OUTBUS BIT 1-3 RC309BE2 56
+ NSC CE STATUS RC403FF2 59
- NSC XFER ACPTED RESET RC403GN6 62
+ NSC CE SVC INT RC403GR2 65
+ DATA SVC RESET RC405BK6 68
- ALLOW IPL DEC RC405DM6 71
- INPUT 62 RC501CE6 74
- SAMPLE OUTPUT 62 RC501EC6 77
+ ALLOW PREP BUSY RC503FE2 80
+ ESC MODE ENAB RC602CH2 83
- ALLOW IPL FLAG TO CCU RC602HA2 86
EDGE CONN. 102 RESISTOR A-Y4N2U02 524 A-Y4B3D10 01A-Y4B5D10
RST CHNG
INPUT 62
NSC STACK
SUP STAT STK
SUPPRESS STAT
CHNL CHAINING
PREP NSC BUSY
INPUT SUPPRES SIBLE STAT STK
STACK STATUS PULSE
INHIBIT REQUEST IN
DECODE CMD
CHAN IPL CMND
404 + STACK STATUS PULSE RC205-AA2
405 - STK STATUS PULSE AA6 LRC402 LRC405 LRC503
303 + PREP BUSY LT AG2 ◊RC202 LRC402 LRC403 LRC406 LRC503 LRC601 LRC707 LRF207
151 - INPUT 62 RC205-CL6
424 - DECODE CMD FG6 LRC306 LRC402 LRC406
524 + CHAN IPL CMND R3013-GH2
221 - SUPPRESSIBLE STAT STK RC205-GL6
332 + INPUT SUPPRESSIBLE STAT STK GA2 LRA105
511 + INHIBIT REQUEST IN RC202-GN4
238 + CHAINING IND HA2 LRC205 LRC206 LRC504
LOC. TYPE A-Y4N2 2342
CHANNEL TAGS CONTROL
STACK CHAINING STOP OR HALT IO
E.C. HISTORY E. MACH.27RNB
309522C 309951
309541 311263
309545 315618
309548
DATE LAST EC
08-09-79 321750
FRAME 01
IBM CORP. SDD RC204
P.N. 1785130 000


+ GATE INPUT DATA ON INBUS — RA012DD7 — 2
- ALLOW CHANNEL ON LINE — RA013DH1 — 4
+ ENABLE INTERFACE A — RC103EJ2 — 6
- CLOCK 2 — RC201CC6 — 8
+ START IO LT — RC202AN2 — 10
- START IO LT — RC202AN6 — 12
- OP IN AND NOT START I O — RC202AR6 — 14
+ OP IN — RC202AU2 — 16
- OP IN — RC202AU6 — 18
- SERVICE IN LT — RC203AL6 — 20
+ PROCEED LT — RC203AR2 — 22
+ STACK STATUS PULSE — RC204AA2 — 24
- INPUT 62 — RC204CL6 — 26
- SUPPRESSIBLE STAT STK — RC204GL6 — 28
+ CHAINING IND — RC204HA2 — 30
- ADDRESS OUT A — RC206AF2 — 32
+ ADDRESS OUT A — RC206AF6 — 34
+ SELECT OUT A — RC206AJ6 — 36
- COMMAND OUT A — RC206AK2 — 38
+ CA ACTIVE — RC206AU2 — 40
- CA ACTIVE A — RC206AU6 — 42
- SUPPR OUT A — RC206AV2 — 44
+ SUPPR OUT A — RC206AV6 — 46
+ OP OUT A — RC206CK2 — 48
+ RESET SYS RST OR NSC — RC206FC2 — 50
+ RST INIT SEL OR POR — RC402GH4 — 52
+ DATA SVC RESET — RC405BK6 — 54
- INPUT 60 — RC501CC6 — 56
+ INPUT 67 TO DOT — RC504CF2 — 58
- CHAN STOP FROM CHAR DECODE — RC504FN6 — 60
+ DIAG PWR ON OR RESET SW RES — RC707DK6 — 62
+ ENABLE INTF B — RF105FC2 — 64
CHANNEL STOP
HALT IO LT
HALT IO RESET
INIT INTF DISC
SVC STP OR DIS
INIT SELTV RST
SYSTEM RESET PULSE
SYS RST
SVC SELTV RST
PROCEED OR STA CK STATUS PULS
INPUT SVC SEL TV RST BIT 1.2
SVC STP DIS C SUP STAT STK
INPT SVC STP O R DISC BIT 0.5
INPUT INIT INT F DISC BIT 0.1
CAUSE INIT SEL L3
EITHER INTF EN AB + NOT HD ST
NOT OP IN OR STACK PULSE
RST OP IN
INPUT INIT SEL TV RST BIT 0.2
INPUT SEL SYS RESET
OR
DOT
+ INPUT SEL SYS RESET — RA104 — AD2
+ SYSTEM RESET PULSE — RC707 — AF2
+ NOT OP IN OR STACK PULSE — AJ6 — WRC203
+ HALT IO LT — RC707 WRF207 — AL2
+ CHANNEL STOP — RC203 — AY2
+ HALT IO RESET — RC204 — BA2
+ PROCEED OR STACK STATUS PULS — CM6 — RC203
+ SVC SELTV RST — RC403 WRC406 — EF2
+ CAUSE INIT SEL L3 — RC402 — FC6
+ INPUT INIT SELTV RST BIT 0.2 — FD2 — WRA104
+ INPUT INIT INTF DISC BIT 0.1 — FH2 — WRA104
+ INPT SVC STP OR DISC BIT 0.5 — FK2 — WRA104
+ INPT SVC SELTV RST BIT 1.2 — FX2 — WRA105
+ SVC STP DISC SUP STAT STK — FY4 — RC403
+ RESET OP IN DUE TO HIO SELR — GA6 — RC201 WRC203
- EITHER INTF ENAB + NOT HD ST — GC6 — WRC202
- ALLOW ON-OFF LINE TRANSITION — GD4 — WRC103 WRF105
LOC. TYPE
A-Y4N2 2342
081 RC205
CHANNEL TAGS CONTROL
ENABLE AND SEL SYS RESET
E.C. HISTORY
MACH.27RNB
FRAME 01
IBM CORP.SCD RC205
DATE LAST EC
10-14-80 344270
P.N. 1986988 081
RC205
081 SIM TO PN 1785131 EC 309949


- OPERATIONAL OUT INTF A — RC101EC2 — 2
+ ADDRESS OUT — RC101HA4 — 6
+ SUPPRESS OUT — RC101HB4 — 10
+ COMMAND OUT — RC101HC4 — 14
+ SERVICE OUT — RC101HD4 — 18
+ ENABLE INTERFACE A — RC103EJ2 — 22
+ SELECT OUT TO SELECT LOGIC — RC103GE4 — 26
- RESET OP IN — RC201FC6 — 30
+ START IO LT — RC202AN2 — 34
- STATUS IN LT — RC203AF6 — 38
+ CHAINING IND — RC204HA2 — 42
- CCU OUTBUS BIT 1•3 — RC309BE2 — 46
- INITIATE SERVICE CYCLE — RC403FK6 — 50
+ SVC SEQ IN PROG — RC403GS2 — 54
- SAMPLE 67 — RC501EN6 — 58
- CA ACTIVE — RC503FA2 — 62
+ INPUT 62 UNLD — RC602HE2 — 66
+ DIAG CCU OR CHNL RESET — RC707EM6 — 70
+ GTE INTF A SEL OUT DRV RCV — RC801EH2 — 74
- OPERATION OUT INTF B — RF103EF2 — 78
+ ENABLE INTF B — RF105FC2 — 82
EDGE CONN. 203 RESISTOR A-Y4N2U03
ADDRESS OUT A
COMMAND OUT A
SUPPR OUT A
CA OR CHNL RST INT
INITIATE SRVCE CYCLE INTRNL
CA ACTIVE
SELECT OUT A
ENABLE INTF A
GATE INTF A SEL OUT DRVR RCV
SERVICE OUT A
ALLOW PGM INT
RESET SYS RST OR NSC
BLANK COLUMN
BLANK COLUMN
LOC. TYPE A-Y4N2 2342
000 RC206
502 + 2342 TIE UP — AC4
110 - ADDRESS OUT A — AF2
111 + ADDRESS OUT A — AF6
184 - SERVICE OUT A — AG2
185 + SERVICE OUT A — RC203 AG6
165 - SELECT OUT A — RC202 AJ2
166 + SELECT OUT A — AJ6
117 - COMMAND OUT A — AK2
151 + INITIATE SRVCE CYCLE INTRNL — AT2
152 - INITIATE SRVC CYCLE INTERNAL — AT6
159 + CA ACTIVE — RC205 AU2
160 - CA ACTIVE A — AU6
124 - SUPPR OUT A — AV2
125 + SUPPR OUT A — AV6
130 + OP OUT A — RC205 CK2
134 - OP OUT A — RC202 CK6
144 + CA OR CHNL RST INT — DL6
211 + RESET SYS RST OR NSC — FC2
118 + COMMAND OUT A — RC203 FK2
178 - GATE INTF A SEL OUT DRVR RCV — GE2
171 - ENABLE INTF A — GH2
203 - ALLOW PGM INT — RC602 GJ4
CHANNEL TAG CONTROL
POWERING
E.C.-HISTORY
309522C 309533
309541 309949
309545 309951
309548
DATE LAST EC
08-09-79 321750
MACH.27RNB
FRAME 01
IBM CORP.SDD RC206
P.No. 1785132 000
RC206
000



CHNL BUS OUT REPOWER

E.C.-HISTORY — B | MACH.27RNB
309522C | FRAME 01
IBM CORP.SDD | RC301
DATE LAST EC | P.N. 1785133 | 000
04-24-72 309545

- CHNL BUSOUT BIT 0 — RC301 CB2 — 2-4
+ CHNL BUSOUT BIT 0 — RC301 CB6 — 12-4
- CHNL BUSOUT BIT 1 — RC301 CC2 — 22-3
+ CHNL BUSOUT BIT 1 — RC301 CC6 — 32-3
- CHNL BUSOUT BIT 2 — RC301 CD2 — 42-2
+ CHNL BUSOUT BIT 2 — RC301 CD6 — 52-1
- CHNL BUSOUT BIT 3 — RC301 CE2 — 62-1
+ CHNL BUSOUT BIT 3 — RC301 CE6 — 72-1

LOCATION U16 — CA1-GM — 62 16U — PIN — A-Y4M2
LOCATION U20 — CA1-GK — 22 20U — PIN — A-Y4M2
LOCATION U24 — CA1-GH — 42 24U — PIN — A-Y4M2
LOCATION U25 — CA1-GF — 22 25U — PIN — A-Y4M2
LOCATION U29 — CA1-GD — 22 29U — PIN — A-Y4M2
LOCATION W16 — CA1-EM — 72 16W — PIN — A-Y4M2
LOCATION W20 — CA1-EK — 32 20W — PIN — A-Y4M2
LOCATION W24 — CA1-EH — 52 24W — PIN — A-Y4M2
LOCATION W25 — CA1-EF — 32 25W — PIN — A-Y4M2
LOCATION W29 — CA1-ED — 32 29W — PIN — A-Y4M2
LOCATION U19 — CA1-CM — 42 19U — PIN — A-Y4M2
LOCATION U21 — CA1-CK — 2 21U — PIN — A-Y4M2
LOCATION U26 — CA1-CF — 2 26U — PIN — A-Y4M2
LOCATION U30 — CA1-CD — 2 30U — PIN — A-Y4M2
LOCATION U31 — CA1-CB — 2 31U — PIN — A-Y4M2

LOCATION W19 — CA1-AM — 52 19W — PIN — A-Y4M2
LOCATION W21 — CA1-AK — 12 21W — PIN — A-Y4M2
LOCATION W26 — CA1-AF — 12 26W — PIN — A-Y4M2
LOCATION W30 — CA1-AD — 12 30W — PIN — A-Y4M2
LOCATION W31 — CA1-AB — 12 31W — PIN — A-Y4M2

-BLANK COLUMN-

LOC. TYPE
A-Y4M2 2325

LOCATION V16 — CA1-FM — PIN — 16V — A-Y4M2 — 403
LOCATION V20 — CA1-FK — PIN — 20V — A-Y4M2 — 410
LOCATION V24 — CA1-FH — PIN — 24V — A-Y4M2 — 417
LOCATION V25 — CA1-FF — PIN — 25V — A-Y4M2 — 424
LOCATION V29 — CA1-FD — PIN — 29V — A-Y4M2 — 431
LOCATION V19 — CA1-BM — PIN — 19V — A-Y4M2 — 438
LOCATION V21 — CA1-BK — PIN — 21V — A-Y4M2 — 445
LOCATION V26 — CA1-BF — PIN — 26V — A-Y4M2 — 452
LOCATION V30 — CA1-BD — PIN — 30V — A-Y4M2 — 459
LOCATION V31 — CA1-BB — PIN — 31V — A-Y4M2 — 466

466 CHNL BIT 0 TO LOW ADDR 2W RC303-BB4
459 CHNL BIT 0 TO LOW ADDR 3W RC303-BD4
452 CHNL BIT 0 TO LOW ADDR 4W RC303-BF4
445 CHNL BIT 0 TO LOW ADDR 5W RC303-BK4
438 CHNL BIT 2 TO LOW ADDR 5W RC303-BM4
431 CHNL BIT 1 TO LOW ADDR 3W RC303-FD4
424 CHNL BIT 1 TO LOW ADDR 4W RC303-FF4
417 CHNL BIT 2 TO LOW ADDR 4W RC303-FH4
410 CHNL BIT 1 TO LOW ADDR 5W RC303-FK4
403 CHNL BIT 3 TO LOW ADDR 5W RC303-FM4

LOW ADDRESS JUMPERS

E.C. HISTORY	B	MACH.27RNB
309522C		
309541		FRAME 01
309545		
DATE LAST EC		IBM CORP.SDD RC302
06-15-72 309533		P.N. 1785134 000

RC302
000

+ TIE UP ——— RC301BL4 — 2

CHNL BIT 0 TO LOW ADDR 2W ——— RC302BB4 — 9

CHNL BIT 0 TO LOW ADDR 3W ——— RC302BD4 — 16

CHNL BIT 0 TO LOW ADDR 4W ——— RC302BF4 — 23

CHNL BIT 0 TO LOW ADDR 5W ——— RC302BK4 — 30

CHNL BIT 2 TO LOW ADDR 5W ——— RC302BM4 — 37

CHNL BIT 1 TO LOW ADDR 3W ——— RC302FD4 — 44

CHNL BIT 1 TO LOW ADDR 4W ——— RC302FF4 — 51

CHNL BIT 2 TO LOW ADDR 4W ——— RC302FH4 — 58

CHNL BIT 1 TO LOW ADDR 5W ——— RC302FK4 — 65

CHNL BIT 3 TO LOW ADDR 5W ——— RC302FM4 — 72

- HIGH ADDR VALID ——— RC305FK4 — 79

+ ESC MODE ENAB ——— RC602CH2 — 86

RC303
000

270X
ADDRESS VALID
CA1-BA
79 -09N A
86 ZG05
9 -13H OR
146 -14H
16 -08Q OR
44 -08R
140 -07R
23 -16N OR
51 -17N
58 -18N
134 -19N
30 -19P OR
37 -18R
65 -19R
72 -17R
128 -18Q
A-Y4M2
A B11 104

104 + 270X ADDRESS VALID ——— RC202-FL2

LOCATION S29
CA1-AH
PIN
A-Y4M2
29S 128

LOCATION S28
CA1-AG
PIN
A-Y4M2
28S 134

LOCATION S27
CA1-AF
PIN
A-Y4M2
27S 140

LOCATION S26
CA1-AE
PIN
A-Y4M2
26S 146

LOCATION T29
CA1-AD
2 29T PIN
A-Y4M2

LOCATION T28
CA1-AC
2 28T PIN
A-Y4M2

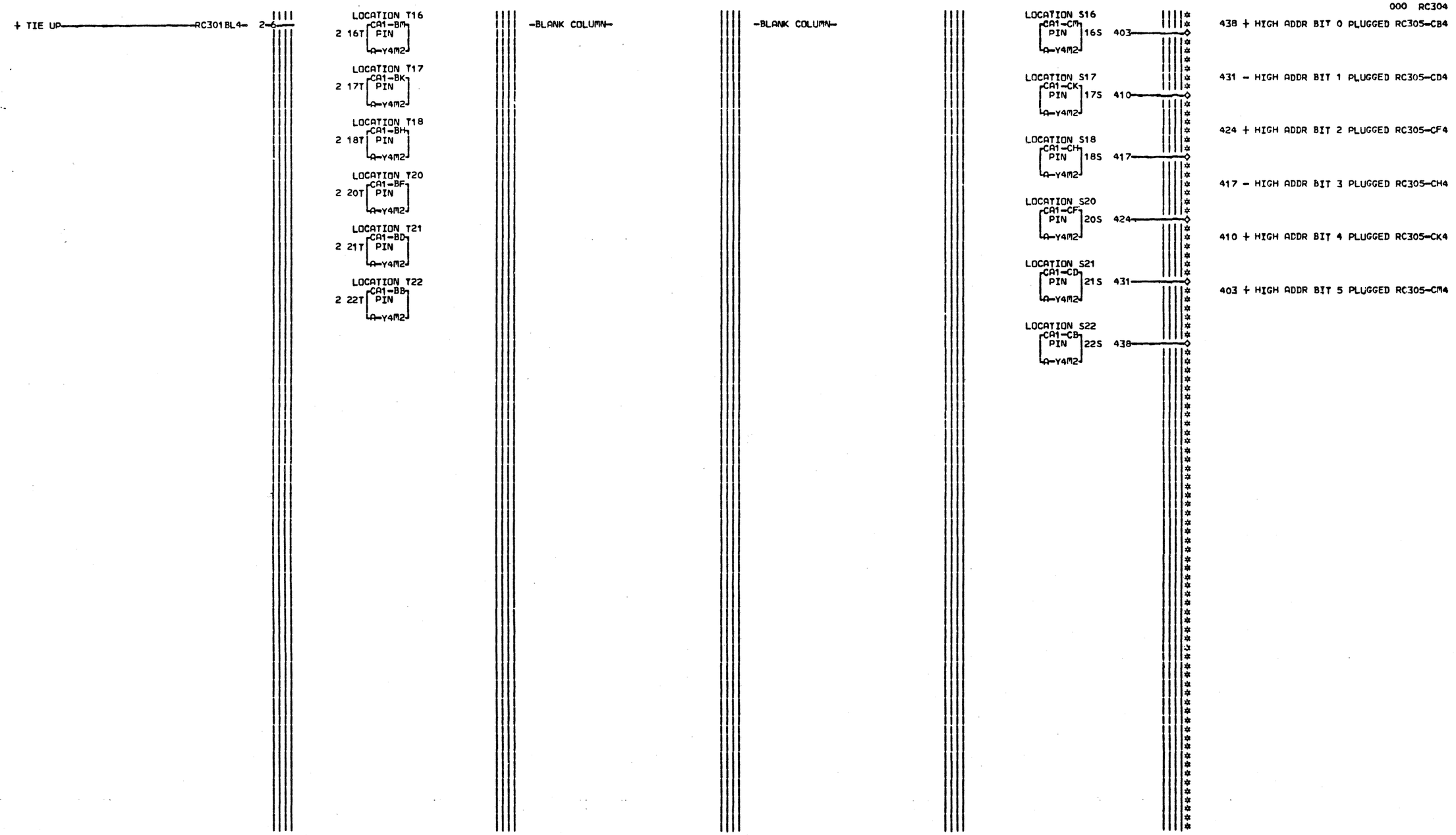
LOCATION T27
CA1-AB
2 27T PIN
A-Y4M2

LOCATION T26
CA1-AA
2 26T PIN
A-Y4M2

LOC. TYPE
A-Y4M2 2325

LOW ADDRESS LOGIC

E.C. HISTORY	B	MACH.27RNB
309522C		
309541		FRAME 01
309545		
		IBM CORP.SDD RC303
DATE LAST EC		P.N. 1785135 000
06-15-72 309533		



438 + HIGH ADDR BIT 0 PLUGGED RC305-CB4

431 - HIGH ADDR BIT 1 PLUGGED RC305-CD4

424 + HIGH ADDR BIT 2 PLUGGED RC305-CF4

417 - HIGH ADDR BIT 3 PLUGGED RC305-CH4

410 + HIGH ADDR BIT 4 PLUGGED RC305-CK4

403 + HIGH ADDR BIT 5 PLUGGED RC305-CM4

LOC. TYPE
A-Y4M2 2325

HIGH ADDRESS JUMPERS

E.C.-HISTORY	B	MACH.27RNB
309522C		
309545		FRAME 01
		IBM CORP.SLD RC304
DATE LAST EC		
06-15-72 309533		P.N. 1785136 000

- CHNL BUS OUT PARITY ER UNCLK-RC104FM2- 2
- CHNL BUSOUT BIT 0 RC301CB2- 9
+ CHNL BUSOUT BIT 1 RC301CC6- 16
- CHNL BUSOUT BIT 2 RC301CD2- 23
+ CHNL BUSOUT BIT 3 RC301CE6- 30
- CHNL BUSOUT BIT 4 RC301CF2- 37
- CHNL BUSOUT BIT 5 RC301CG2- 44
+ HIGH ADDR BIT 0 PLUGGED RC304CB4- 51
- HIGH ADDR BIT 1 PLUGGED RC304CD4- 58
+ HIGH ADDR BIT 2 PLUGGED RC304CF4- 65
- HIGH ADDR BIT 3 PLUGGED RC304CH4- 72
+ HIGH ADDR BIT 4 PLUGGED RC304CK4- 79
+ HIGH ADDR BIT 5 PLUGGED RC304CM4- 86

BIT 5
CA1-AA A-Y4M2
44 06R A 06Q
86 06N

103 CA1-AC A-2 37 34Q, 79 34R, 103 32N — A-Y4M2 — 202

202 CA1-AE A-2 30 12N, 72 13N, 202 31P — A-Y4M2 — 302

302 CA1-AB A-2 23 11P, 65 11N, 302 12R — A-Y4M2 — 402

402 CA1-AD A-2 16 12W, 58 13W, 402 14V — A-Y4M2 — 502

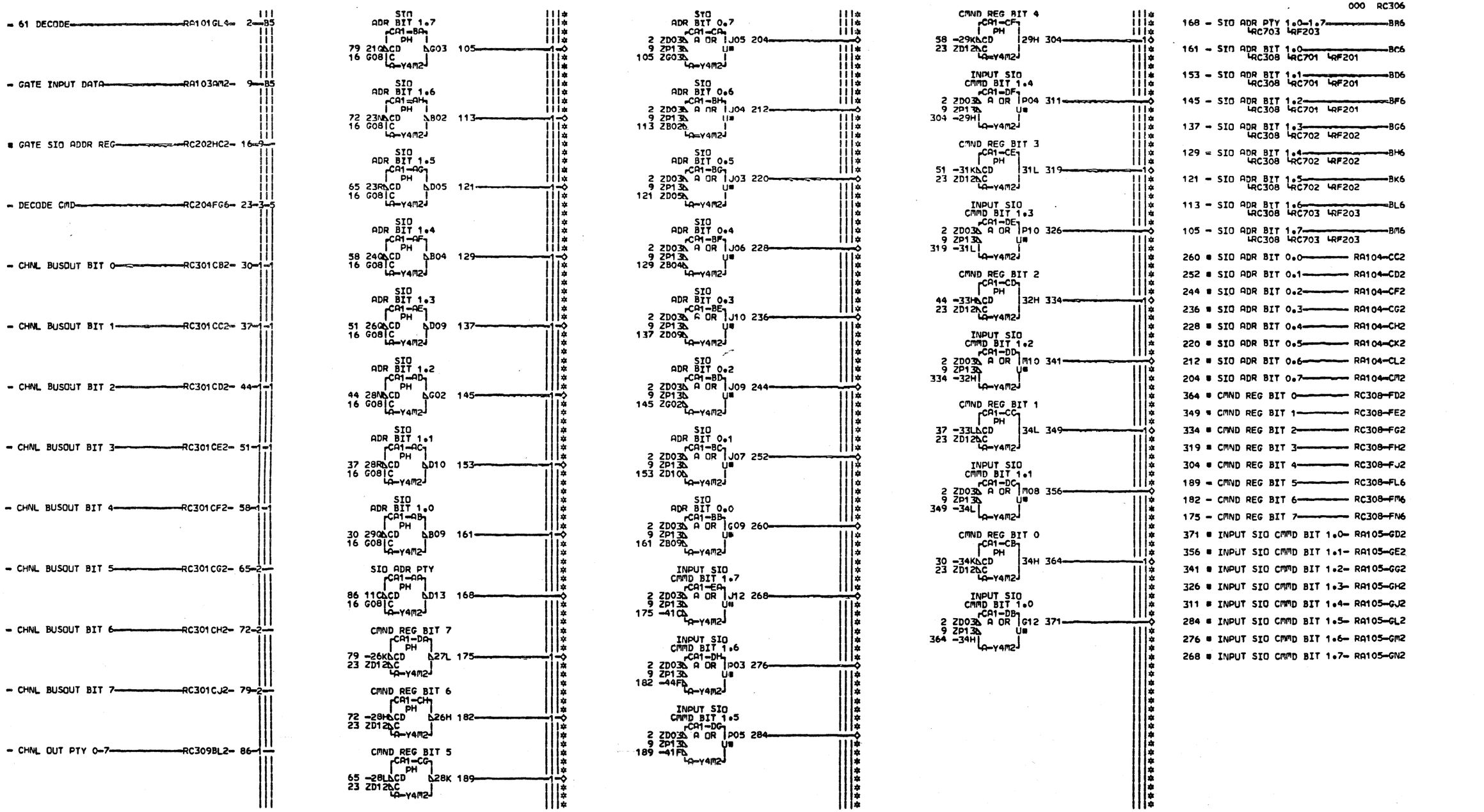
HIGH ADDR VALID
CA1-AF
2 ZU06 AR A — 510
9 -39V OR
51 -39W
51 -38T OR
502 -37T
9 -38W OR
502 -37W
A-Y4M2

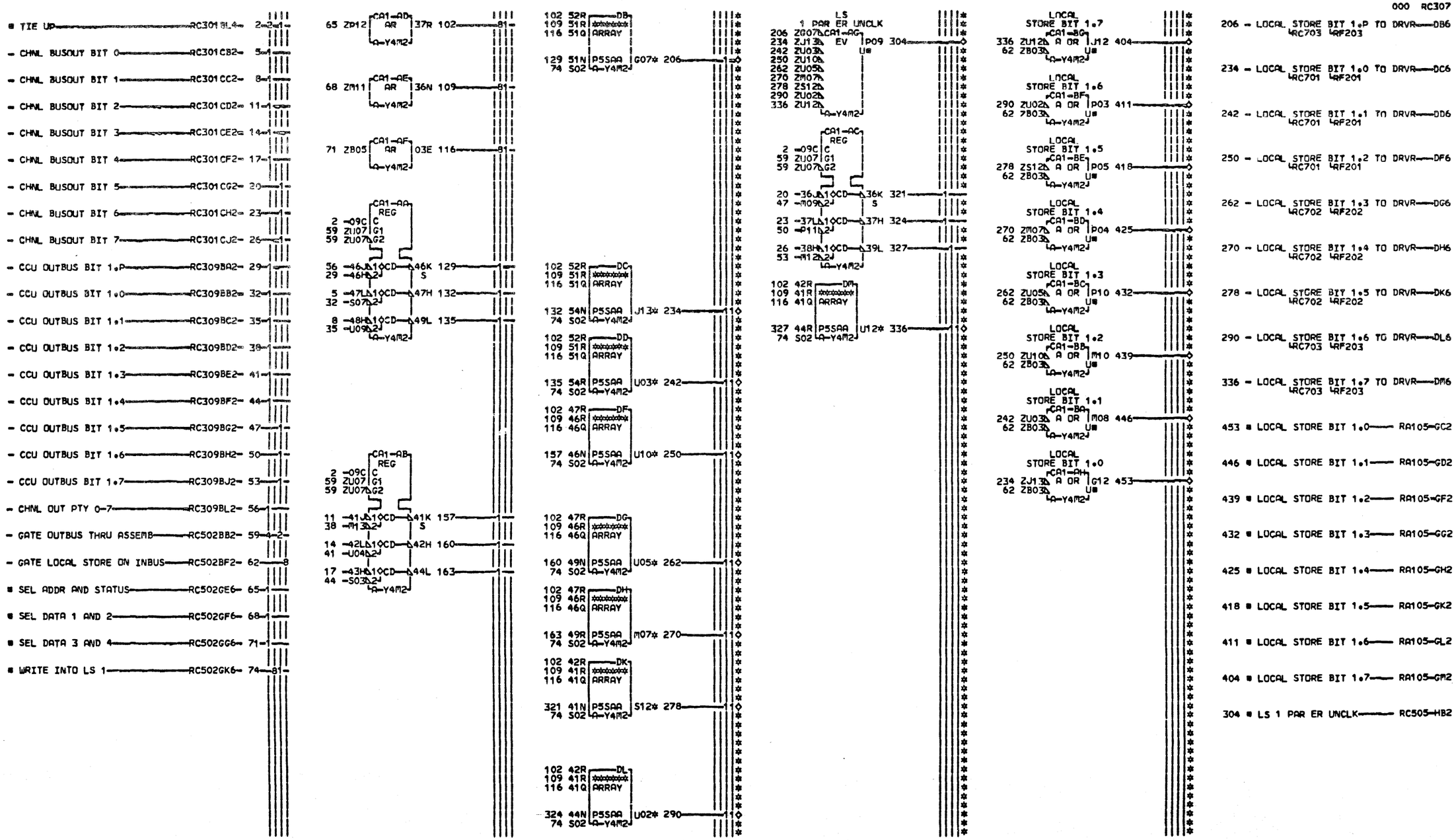
502 — 2 — 510 - HIGH ADDR VALID — RC303-FK4

LOC. TYPE
A-Y4M2 2325

HIGH ADDRESS LOGIC

E.C.-HISTORY B	MACH.27RNB	
309522C	FRAME 01	
	IBM CORP.SDD	RC305
DATE LAST EC	F.No. 1785137	000
04-24-72 309545		


61 DECODE RA101GL4 2 B5
GATE INPUT DATA RA103AM2 9 B5
GATE SIO ADDR REG RC202HC2 16 9
DECODE CMD RC204FG6 23 3 5
CHNL BUSOUT BIT 0 RC301CB2 30 1
CHNL BUSOUT BIT 1 RC301CC2 37 1
CHNL BUSOUT BIT 2 RC301CD2 44 1
CHNL BUSOUT BIT 3 RC301CE2 51 1
CHNL BUSOUT BIT 4 RC301CF2 58 1
CHNL BUSOUT BIT 5 RC301CG2 65 2
CHNL BUSOUT BIT 6 RC301CH2 72 2
CHNL BUSOUT BIT 7 RC301CJ2 79 2
CHNL OUT PTY 0-7 RC309BL2 86 1
SIO ADR BIT 1.7 CA1-BA PH 79 21C CD G03 105 16 G08 C A-Y4M2
SIO ADR BIT 1.6 CA1-AH PH 72 23M CD B02 113 16 G08 C A-Y4M2
SIO ADR BIT 1.5 CA1-AG PH 65 23R CD D05 121 16 G08 C A-Y4M2
SIO ADR BIT 1.4 CA1-AF PH 58 24Q CD B04 129 16 G08 C A-Y4M2
SIO ADR BIT 1.3 CA1-AE PH 51 26Q CD D09 137 16 G08 C A-Y4M2
SIO ADR BIT 1.2 CA1-AD PH 44 28N CD G02 145 16 G08 C A-Y4M2
SIO ADR BIT 1.1 CA1-AC PH 37 28R CD D10 153 16 G08 C A-Y4M2
SIO ADR BIT 1.0 CA1-AB PH 30 29Q CD B09 161 16 G08 C A-Y4M2
SIO ADR PTY CA1-AA PH 86 11C CD D13 168 16 G08 C A-Y4M2
CMND REG BIT 7 CA1-DA PH 79 -26K CD 27L 175 23 ZD12 C A-Y4M2
CMND REG BIT 6 CA1-CH PH 72 -28H CD 26H 182 23 ZD12 C A-Y4M2
CMND REG BIT 5 CA1-CG PH 65 -28L CD 28K 189 23 ZD12 C A-Y4M2
SIO ADR BIT 0.7 CA1-CA 2 ZD03 A OR J05 204 9 ZP13 U 105 ZG03 A-Y4M2
SIO ADR BIT 0.6 CA1-BH 2 ZD03 A OR J04 212 9 ZP13 U 113 ZB02 A-Y4M2
SIO ADR BIT 0.5 CA1-BG 2 ZD03 A OR J03 220 9 ZP13 U 121 ZD05 A-Y4M2
SIO ADR BIT 0.4 CA1-BF 2 ZD03 A OR J06 228 9 ZP13 U 129 ZB04 A-Y4M2
SIO ADR BIT 0.3 CA1-BE 2 ZD03 A OR J10 236 9 ZP13 U 137 ZD09 A-Y4M2
SIO ADR BIT 0.2 CA1-BD 2 ZD03 A OR J09 244 9 ZP13 U 145 ZG02 A-Y4M2
SIO ADR BIT 0.1 CA1-BC 2 ZD03 A OR J07 252 9 ZP13 U 153 ZD10 A-Y4M2
SIO ADR BIT 0.0 CA1-BB 2 ZD03 A OR G09 260 9 ZP13 U 161 ZB09 A-Y4M2
INPUT SIO CMND BIT 1.7 CA1-EA 2 ZD03 A OR J12 268 9 ZP13 U 175 -41C A-Y4M2
INPUT SIO CMND BIT 1.6 CA1-DH 2 ZD03 A OR P03 276 9 ZP13 U 182 -44F A-Y4M2
INPUT SIO CMND BIT 1.5 CA1-DG 2 ZD03 A OR P05 284 9 ZP13 U 189 -41F A-Y4M2
CMND REG BIT 4 CA1-CF PH 58 -29K CD 29H 304 23 ZD12 C A-Y4M2
INPUT SIO CMND BIT 1.4 CA1-DF 2 ZD03 A OR P04 311 9 ZP13 U 304 -29H A-Y4M2
CMND REG BIT 3 CA1-CE PH 51 -31K CD 31L 319 23 ZD12 C A-Y4M2
INPUT SIO CMND BIT 1.3 CA1-DE 2 ZD03 A OR P10 326 9 ZP13 U 319 -31L A-Y4M2
CMND REG BIT 2 CA1-CD PH 44 -33K CD 32H 334 23 ZD12 C A-Y4M2
INPUT SIO CMND BIT 1.2 CA1-DD 2 ZD03 A OR M10 341 9 ZP13 U 334 -32H A-Y4M2
CMND REG BIT 1 CA1-CC PH 37 -33L CD 34L 349 23 ZD12 C A-Y4M2
INPUT SIO CMND BIT 1.1 CA1-DC 2 ZD03 A OR M08 356 9 ZP13 U 349 -34L A-Y4M2
CMND REG BIT 0 CA1-CB PH 30 -34K CD 34H 364 23 ZD12 C A-Y4M2
INPUT SIO CMND BIT 1.0 CA1-DB 2 ZD03 A OR G12 371 9 ZP13 U 364 -34H A-Y4M2
LOC> TYPE
A-Y4M2 2325
000 RC306
168 - SIO ADR PTY 1.0-1.7 BA6 LRC703 LRF203
161 - SIO ADR BIT 1.0 BC6 LRC308 LRC701 LRF201
153 - SIO ADR BIT 1.1 BD6 LRC308 LRC701 LRF201
145 - SIO ADR BIT 1.2 BF6 LRC308 LRC701 LRF201
137 - SIO ADR BIT 1.3 BG6 LRC308 LRC702 LRF202
129 - SIO ADR BIT 1.4 BH6 LRC308 LRC702 LRF202
121 - SIO ADR BIT 1.5 BK6 LRC308 LRC702 LRF202
113 - SIO ADR BIT 1.6 BL6 LRC308 LRC703 LRF203
105 - SIO ADR BIT 1.7 BM6 LRC308 LRC703 LRF203
260 SIO ADR BIT 0.0 RA104-CC2
252 SIO ADR BIT 0.1 RA104-CD2
244 SIO ADR BIT 0.2 RA104-CF2
236 SIO ADR BIT 0.3 RA104-CG2
228 SIO ADR BIT 0.4 RA104-CH2
220 SIO ADR BIT 0.5 RA104-CK2
212 SIO ADR BIT 0.6 RA104-CL2
204 SIO ADR BIT 0.7 RA104-CM2
364 CMND REG BIT 0 RC308-FD2
349 CMND REG BIT 1 RC308-FE2
334 CMND REG BIT 2 RC308-FG2
319 CMND REG BIT 3 RC308-FH2
304 CMND REG BIT 4 RC308-FJ2
189 CMND REG BIT 5 RC308-FL6
182 - CMND REG BIT 6 RC308-FM6
175 - CMND REG BIT 7 RC308-FN6
371 INPUT SIO CMND BIT 1.0 RA105-GD2
356 INPUT SIO CMND BIT 1.1 RA105-GE2
341 INPUT SIO CMND BIT 1.2 RA105-GG2
326 INPUT SIO CMND BIT 1.3 RA105-GH2
311 INPUT SIO CMND BIT 1.4 RA105-GJ2
284 INPUT SIO CMND BIT 1.5 RA105-GL2
276 INPUT SIO CMND BIT 1.6 RA105-GM2
268 INPUT SIO CMND BIT 1.7 RA105-GN2
START I/O ADR & CMND REGS
E.C.-HISTORY B MACH.27 RNB
309522C
309541
309545
DATE LAST EC
05-23-72 309548
FRAME 01
IBM CORP.SDD RC306
P.N. 1785138 000
RC306
000



EDGE CONN.

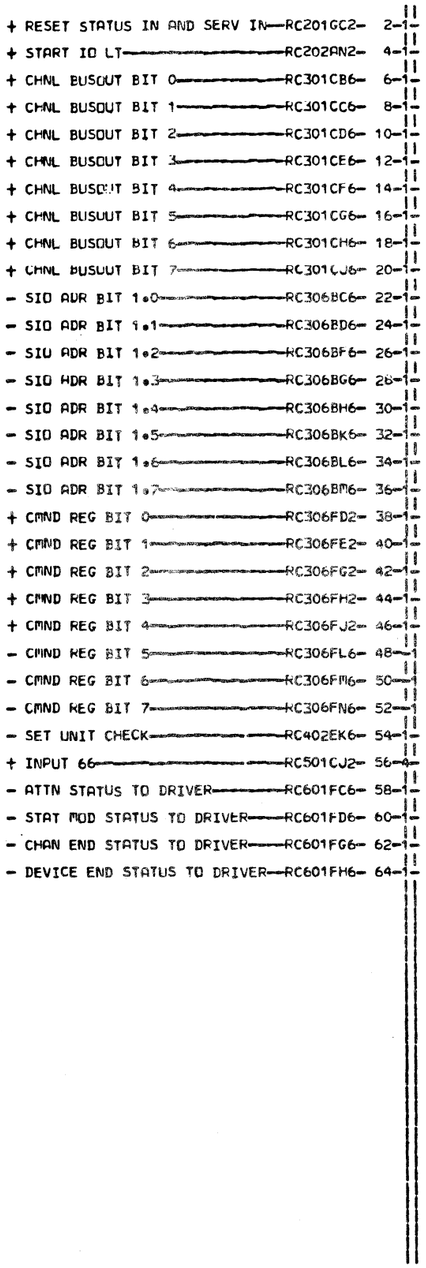
206 RESISTOR A-Y4M2G07
234 RESISTOR A-Y4M2J13
242 RESISTOR A-Y4M2U03
250 RESISTOR A-Y4M2U10
262 RESISTOR A-Y4M2U05
270 RESISTOR A-Y4M2M07
278 RESISTOR A-Y4M2S12
290 RESISTOR A-Y4M2U02
336 RESISTOR A-Y4M2U12

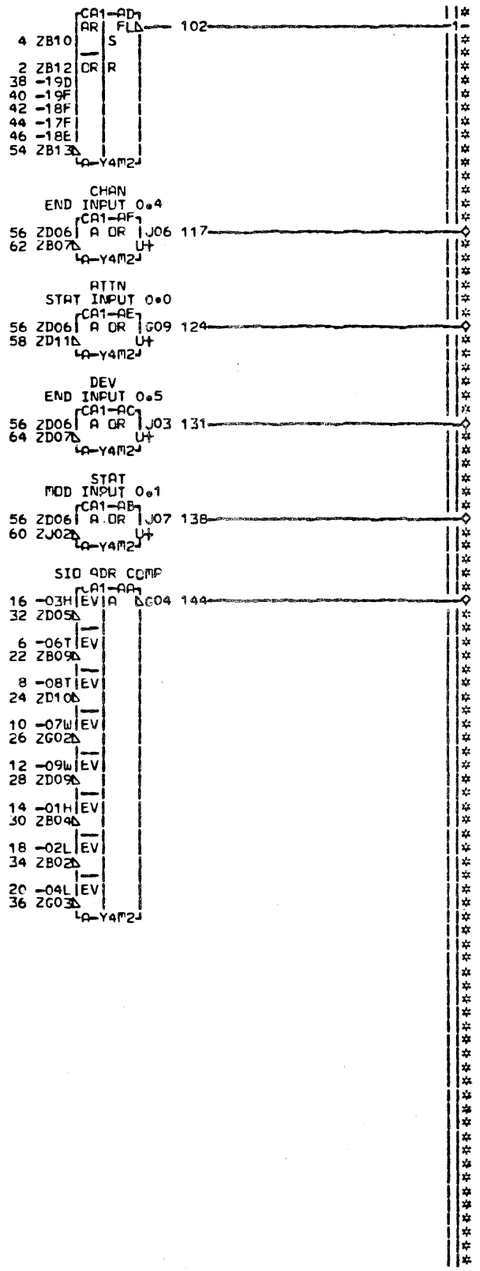
LOC. TYPE
A-Y4M2 2325

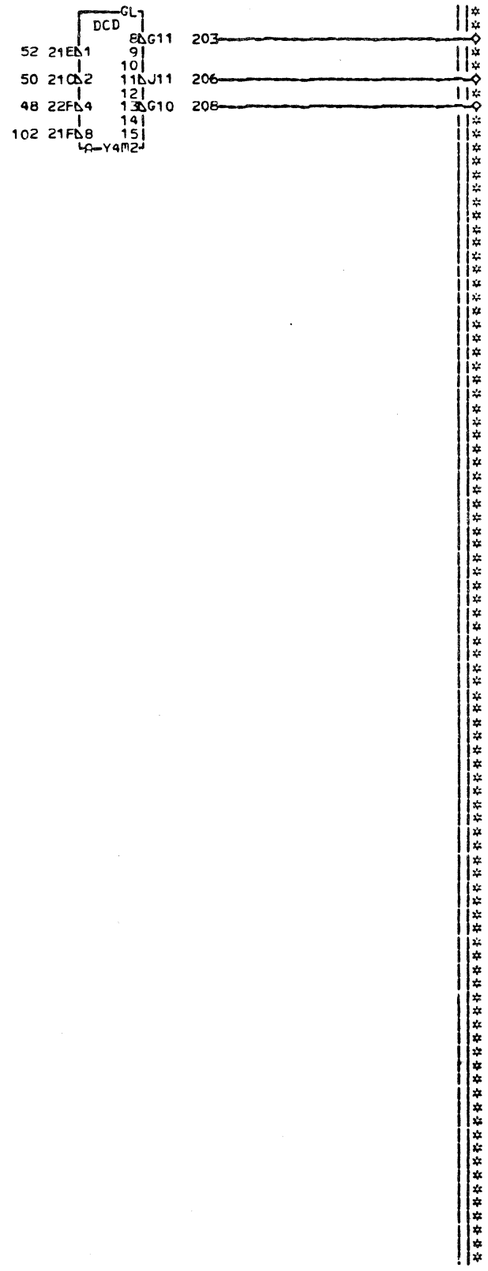
LOCAL STORE

E.C. HISTORY — B. MACH.27RNB
309522C
309541
309545
FRAME 01
IBM CORP. SDD RC307
DATE LAST EC
05-23-72 309548
P.N. 1785139 000

RC307
000







144 - SIO ADR COMP——RC406-CD4

138 + STAT MOD INPUT 0•1——RA104-DB2

131 + DEV END INPUT 0•5——RA104-DF2

124 + ATTN STAT INPUT 0•0——RA104-EA2

117 + CHAN END INPUT 0•4——RA104-EE2

203 - TEST IO DECODE——GL3
↳RC402 ↳RC404 ↳RC406

206 - NO OP DECODE——GL6
↳RC402 ↳RC406

208 - IPL DECODE——RC405-GL8

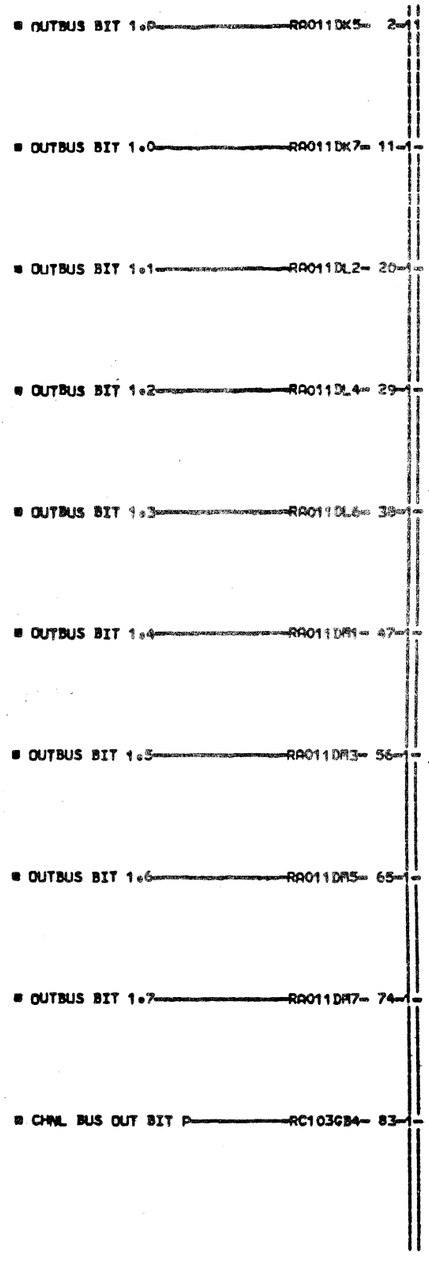
LOC• TYPE
F-Y4M2 2325

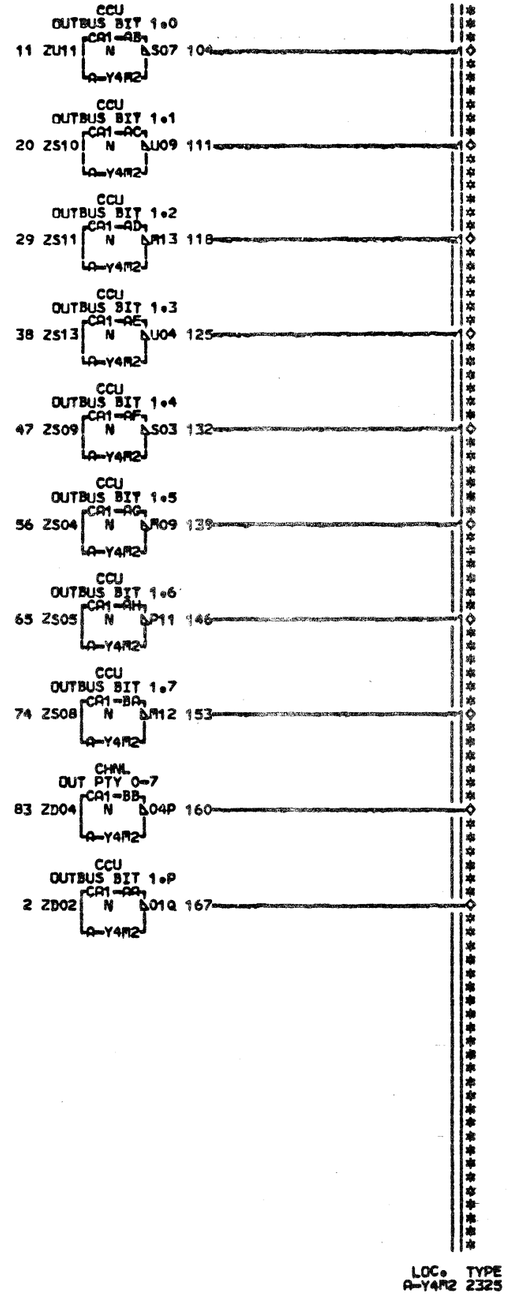
CR DOT AND CMND DECODE

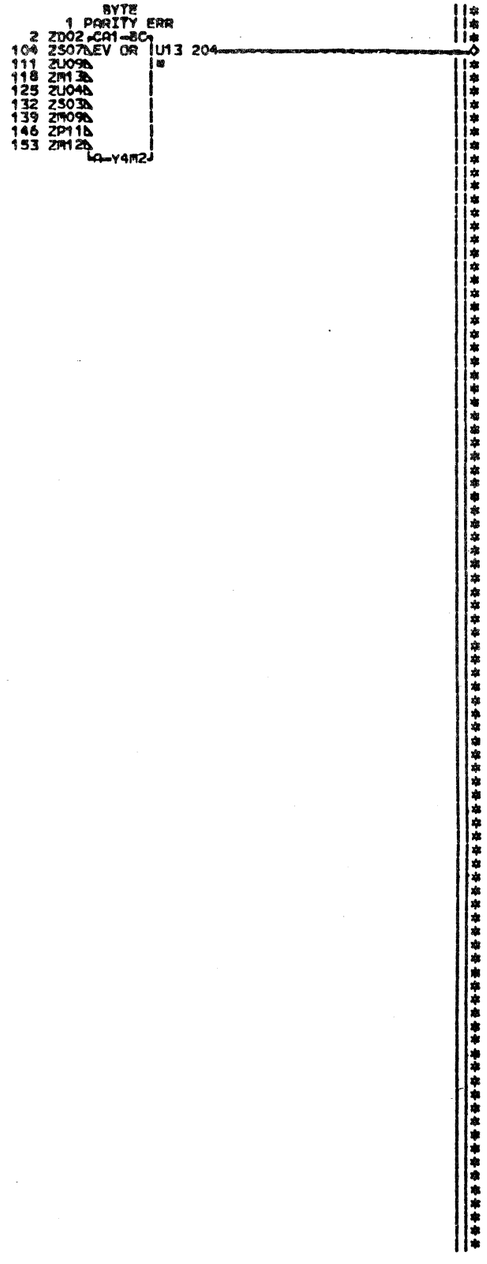
—E•C•-HISTORY—B	MACH•27RNB
309522C	
309541	FRAME 01
	IBM CORP•SDD
DATE LAST EC	P•N• 1785140
04-24-72 309545	

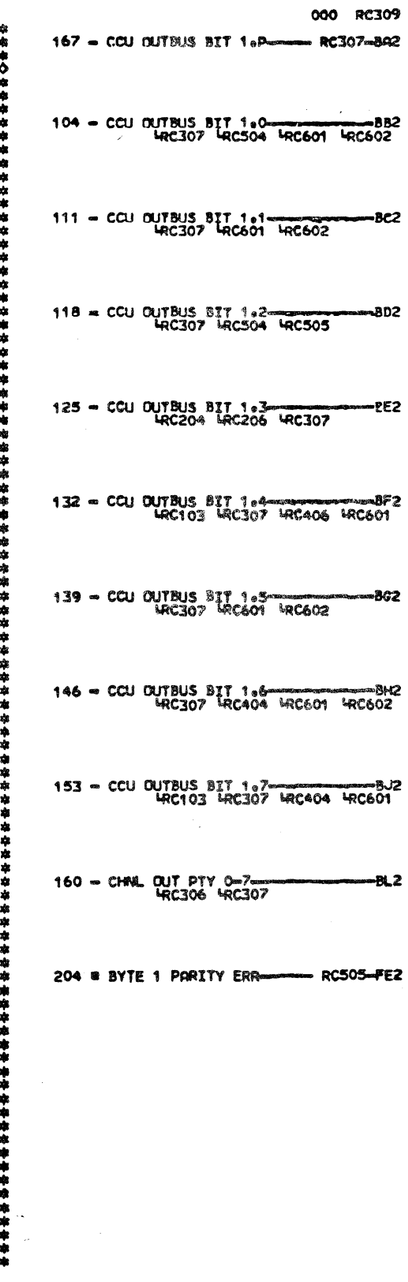
RC308 000

RC308
000





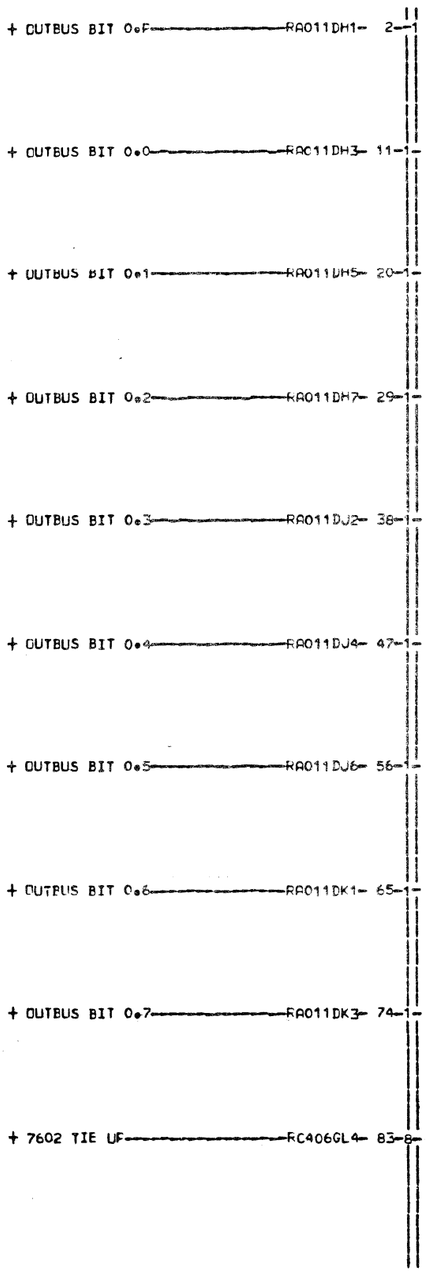


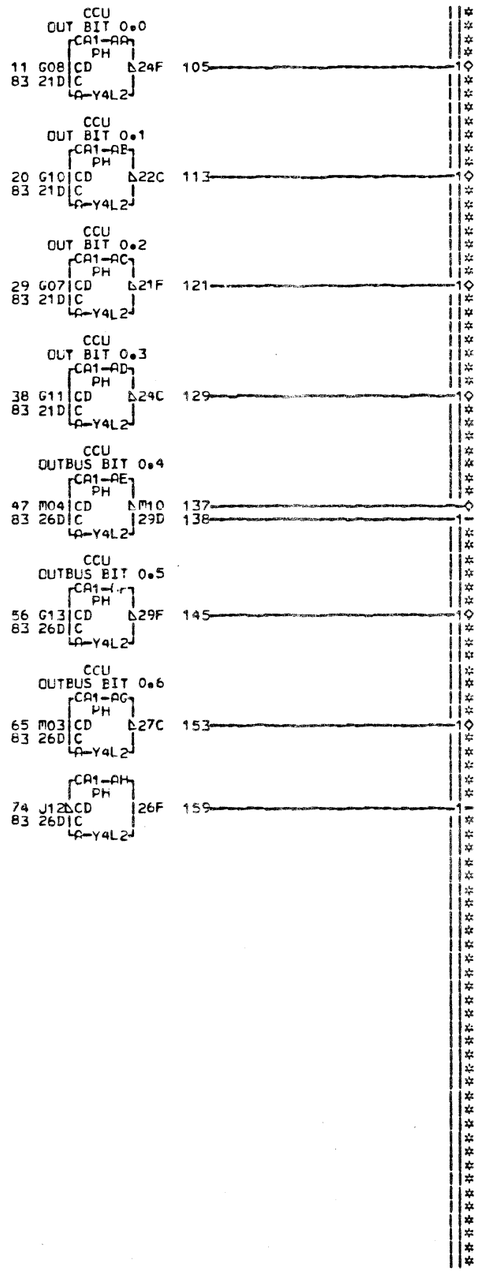


CCU OUTBUS INVERSION

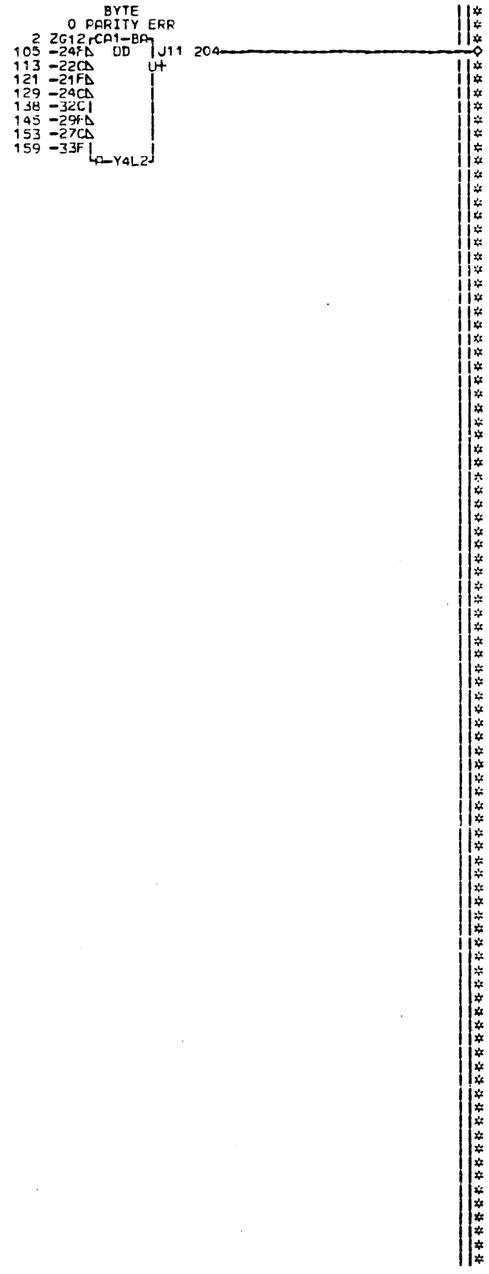
E.C. HISTORY	B	RACH.27RNB	
309522C			
309541		FRAME 01	
309545		IBM CORP. SDD	RC309
DATE LAST EC		P.N. 1785141	000
05-23-72 309548			

RC309
000





LOC• TYPE
A-Y4L2 7602



105 — CCU OUT BIT 0•0 — RC403-BC2

113 — CCU OUT BIT 0•1 — RC403-BD2

121 — CCU OUT BIT 0•2 — RC403-BE2

129 — CCU OUT BIT 0•3 — RC403-BF2

137 — CCU OUTBUS BIT 0•4 — BG2
4RC403 4RC503 4RC707

145 — CCU OUTBUS BIT 0•5 — RC402-BH2

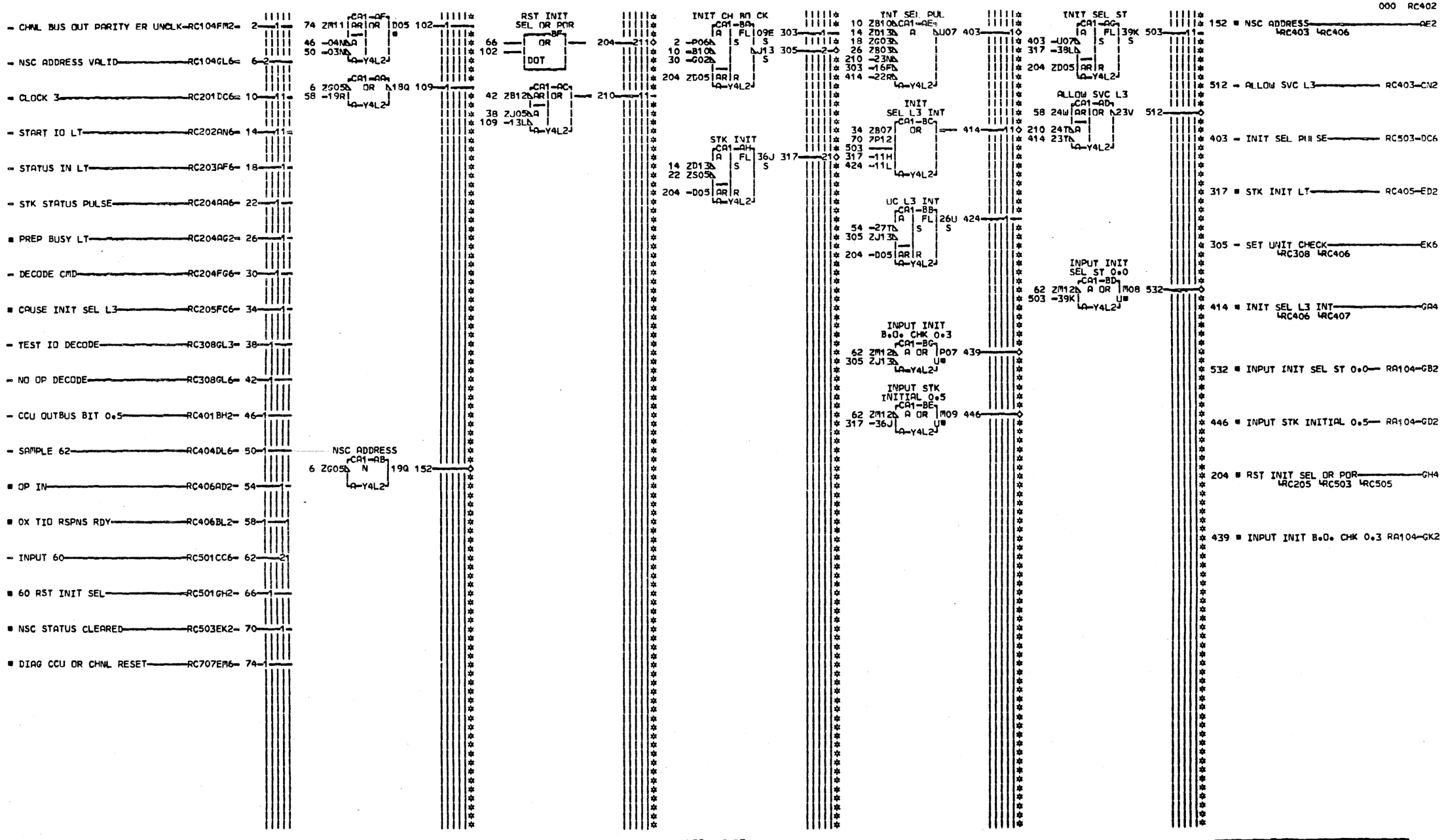
153 — CCU OUTBUS BIT 0•6 — RC405-BJ2

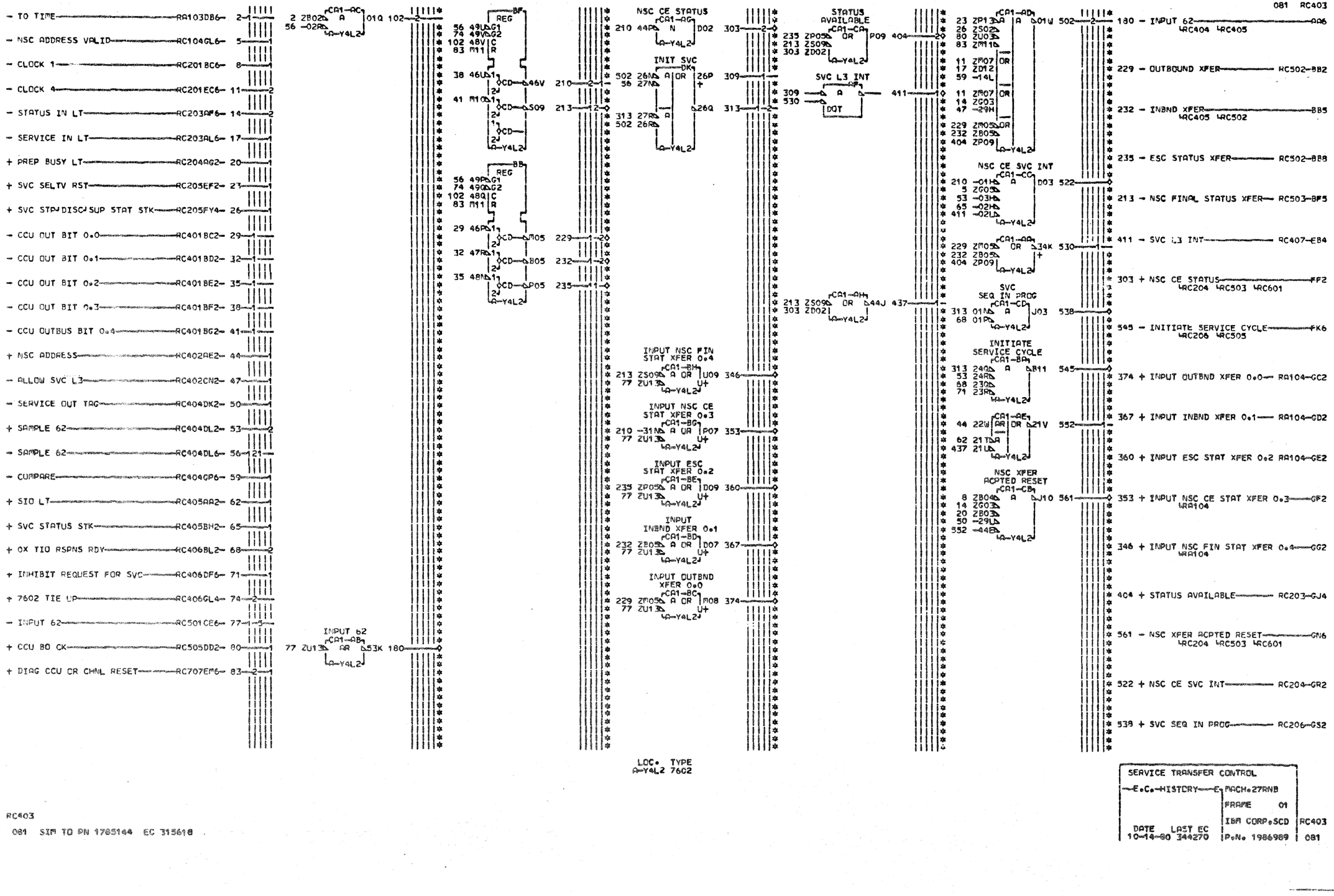
204 + BYTE 0 PARITY ERR — RC505-GF6

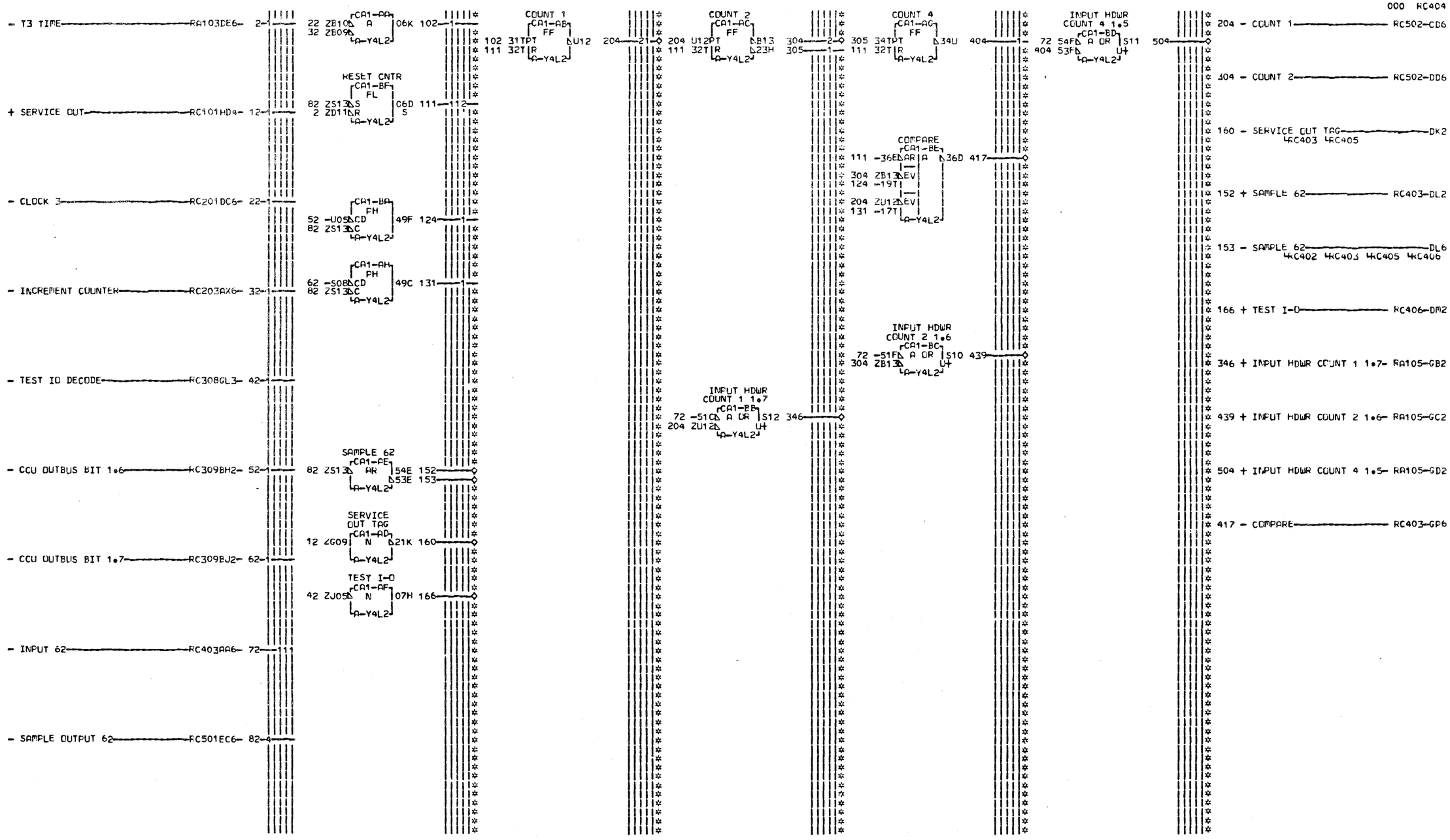
RC401
000

CCU OUTBUS TERMINATION

E•C•-HISTORY	B	MACH•27RMB	
309522C			
309541		FRAME 01	
		IBM CORP•SDD	RC401
DATE LAST EC		P•N• 1785142	000
04-24-72 309545			


000 RC402
- CHNL BUS OUT PARITY ER UNCLK—RC104FM2= 2
- NSC ADDRESS VALID—RC104GL6= 6
- CLOCK 3—RC201DC6= 10
- START IO LT—RC202AN6= 14
- STATUS IN LT—RC203AF6= 18
- STK STATUS PULSE—RC204AA6= 22
■ PREP BUSY LT—RC204AG2= 26
- DECODE CMD—RC204FG6= 30
■ CAUSE INIT SEL L3—RC205FC6= 34
- TEST IO DECODE—RC308GL3= 38
- NO OP DECODE—RC308GL6= 42
- CCU OUTBUS BIT 0.5—RC401BH2= 46
- SAMPLE 62—RC404DL6= 50
■ OP IN—RC406AD2= 54
■ OX TIO RSPNS RDY—RC406BL2= 58
- INPUT 60—RC501CC6= 62
■ 60 RST INIT SEL—RC501GH2= 66
■ NSC STATUS CLEARED—RC503EK2= 70
■ DIAG CCU OR CHNL RESET—RC707EM6= 74
NSC ADDRESS
RST INIT SEL OR POR
INIT CH AD CK
INT SEL PUL
INIT SEL ST
INIT SEL L3 INT
STK INIT
UC L3 INT
ALLOW SVC L3
INPUT INIT SEL ST 0.0
INPUT INIT B.0. CHK 0.3
INPUT STK INITIAL 0.5
152 ■ NSC ADDRESS—AE2
512 - ALLOW SVC L3—RC403-CN2
403 - INIT SEL PULSE—RC503-DC6
317 ■ STK INIT LT—RC405-ED2
305 - SET UNIT CHECK—EK6
414 ■ INIT SEL L3 INT—GA4
532 ■ INPUT INIT SEL ST 0.0—RA104-GB2
446 ■ INPUT STK INITIAL 0.5—RA104-GD2
204 ■ RST INIT SEL OR POR—GH4
439 ■ INPUT INIT B.0. CHK 0.3 RA104-GK2
LOC. TYPE
A-Y4L2 7602
INITIAL SELECTION CONTROL
E.C.-HISTORY-B
309522C
309541
309545
DATE LAST EC
05-23-72 309548
MACH.27RNB
FRAME 01
IBM CORP.SDD
P.N. 1785143
RC402
000


081 RC403
- TO TIME RA103DB6- 2
- NSC ADDRESS VALID RC104GL6- 5
- CLOCK 1 RC201BC6- 8
- CLOCK 4 RC201EC6- 11
- STATUS IN LT RC203AF6- 14
- SERVICE IN LT RC203AL6- 17
+ PREP BUSY LT RC204AG2- 20
+ SVC SELTV RST RC205EF2- 23
+ SVC STPJ DISCJ SUP STAT STK RC205FY4- 26
- CCU OUT BIT 0.0 RC401BC2- 29
- CCU OUT BIT 0.1 RC401BD2- 32
- CCU OUT BIT 0.2 RC401BE2- 35
- CCU OUT BIT 0.3 RC401BF2- 38
- CCU OUTBUS BIT 0.4 RC401BG2- 41
+ NSC ADDRESS RC402AE2- 44
- ALLOW SVC L3 RC402CN2- 47
- SERVICE OUT TAG RC404DK2- 50
+ SAMPLE 62 RC404DL2- 53
- SAMPLE 62 RC404DL6- 56
- COMPARE RC404GP6- 59
+ SIO LT RC405AA2- 62
+ SVC STATUS STK RC405BH2- 65
+ OX TIO RSPNS RDY RC406BL2- 68
+ INHIBIT REQUEST FOR SVC RC406DF6- 71
+ 7602 TIE UP RC406GL4- 74
- INPUT 62 RC501CE6- 77
+ CCU BO CK RC505DD2- 80
+ DIAG CCU CR CHNL RESET RC707EM6- 83
INPUT 62
77 ZU13 AR 53K 180
NSC CE STATUS
210 44P N D02 303
INIT SVC
502 26N A OR 26P 309
56 27N +
313 27R A 26Q 313
502 26R
INPUT NSC FIN STAT XFER 0.4
213 ZS09 A OR U09 346
77 ZU13 U+
INPUT NSC CE STAT XFER 0.3
210 -31N A OR P07 353
77 ZU13 U+
INPUT ESC STAT XFER 0.2
235 ZP05 A OR D09 360
77 ZU13 U+
INPUT INBND XFER 0.1
232 ZB05 A OR D07 367
77 ZU13 U+
INPUT OUTBND XFER 0.0
229 ZM05 A OR M08 374
77 ZU13 U+
LOC. TYPE
A-Y4L2 7602
STATUS AVAILABLE
235 ZP05 OR P09 404
213 ZS09
303 ZD02
SVC L3 INT
309 A 411
530 DQT
213 ZS09 OR 44J 437
303 ZD02
23 ZP13 A A 01W 502
26 ZS02
80 ZU03
83 ZM11
11 ZM07 OR
17 ZD12
59 -14L
11 ZM07 OR
14 ZG03
47 -29H
229 ZM05 OR
232 ZB05
404 ZP09
NSC CE SVC INT
210 -01H A D03 522
5 ZG05
53 -03H
65 -02H
411 -02L
229 ZM05 OR 34K 530
232 ZB05 +
404 ZP09
SVC SEQ IN PROG
313 01N A J03 538
68 01P
INITIATE SERVICE CYCLE
313 24Q A A11 545
53 24R
68 23Q
71 23R
44 22W AR OR 21V 552
62 21T
437 21U
NSC XFER ACPTED RESET
8 ZB04 A J10 561
14 ZG03
20 ZB03
50 -29L
552 -44B
180 - INPUT 62 AA6
WRC404 WRC405
229 - OUTBOUND XFER RC502-BB2
232 - INBND XFER BB5
WRC405 WRC502
235 - ESC STATUS XFER RC502-BB8
213 - NSC FINAL STATUS XFER RC503-BF5
411 - SVC L3 INT RC407-EB4
303 + NSC CE STATUS FF2
WRC204 WRC503 WRC601
595 - INITIATE SERVICE CYCLE FK6
WRC206 WRC505
374 + INPUT OUTBND XFER 0.0 RA104-GC2
367 + INPUT INBND XFER 0.1 RA104-GD2
360 + INPUT ESC STAT XFER 0.2 RA104-GE2
353 + INPUT NSC CE STAT XFER 0.3 GF2
WRA104
346 + INPUT NSC FIN STAT XFER 0.4 GG2
WRA104
404 + STATUS AVAILABLE RC203-GJ4
561 - NSC XFER ACPTED RESET GN6
WRC204 WRC503 WRC601
522 + NSC CE SVC INT RC204-GR2
538 + SVC SEQ IN PROG RC206-GS2
SERVICE TRANSFER CONTROL
E.C. HISTORY MACH.27 RNB
FRAME 01
IBM CORP. SCD RC403
DATE LAST EC P.N. 1986989 081
10-14-80 344270
RC403
081 SIM TO PN 1785144 EC 315618



000 RC404

RC404
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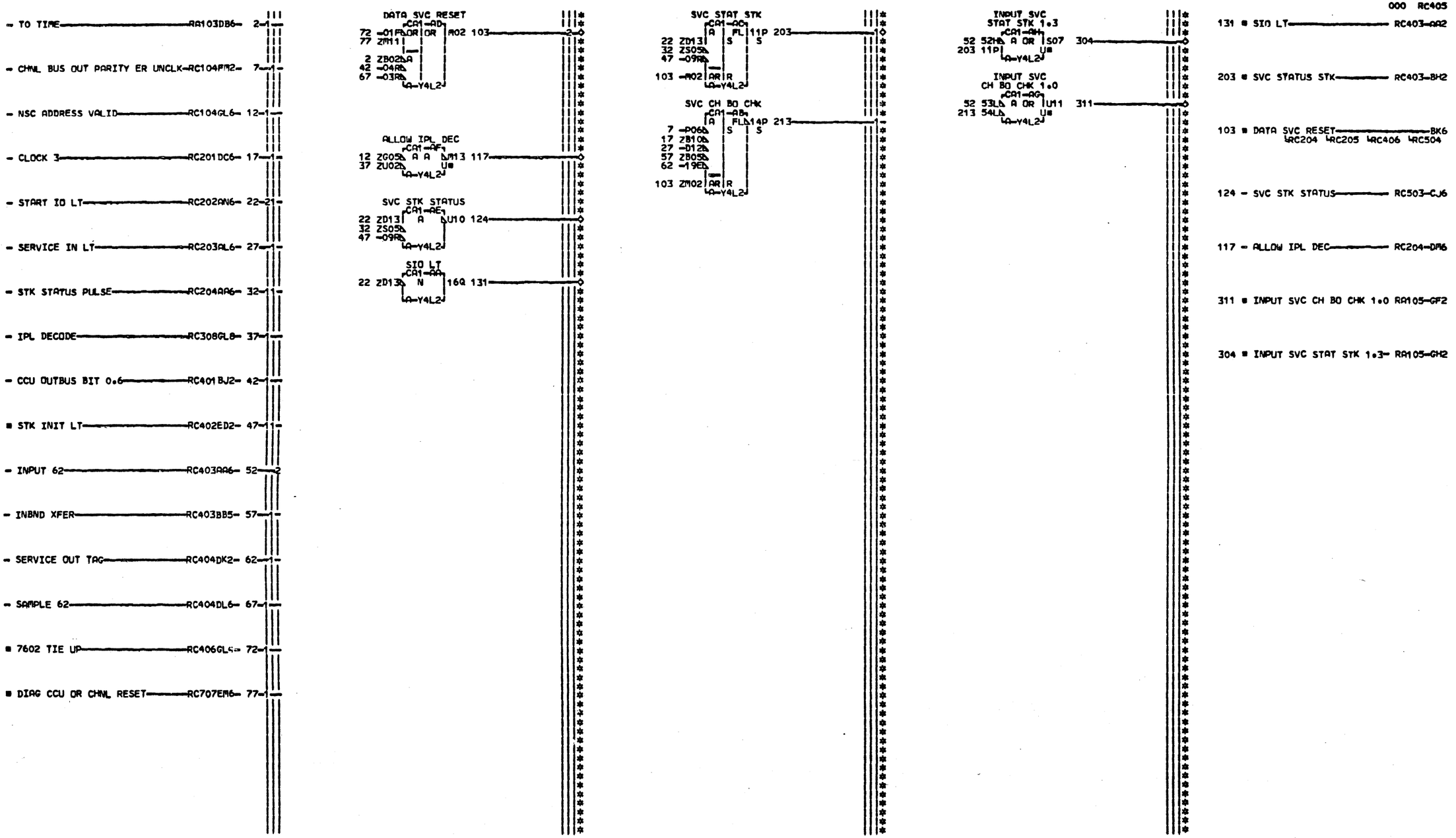
BYTE TRANSFER COUNT

E.C.-HISTORY-B	MACH.27RNB
309522C 309541	FRAME 01
	IBM CORP.SDD
DATE LAST EC	P.N. 1785145
04-24-72 309545	

RC404 000



RC405
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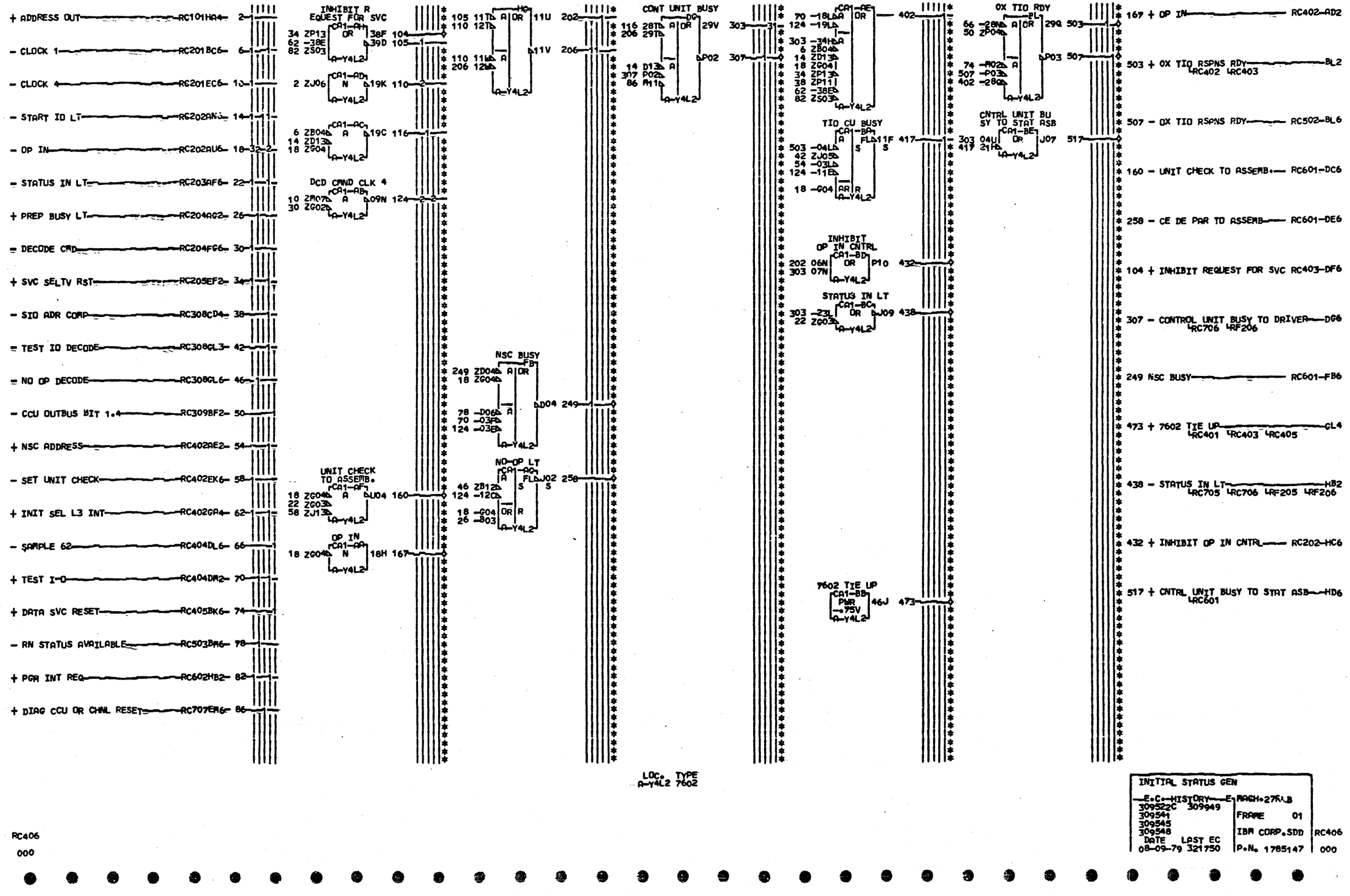
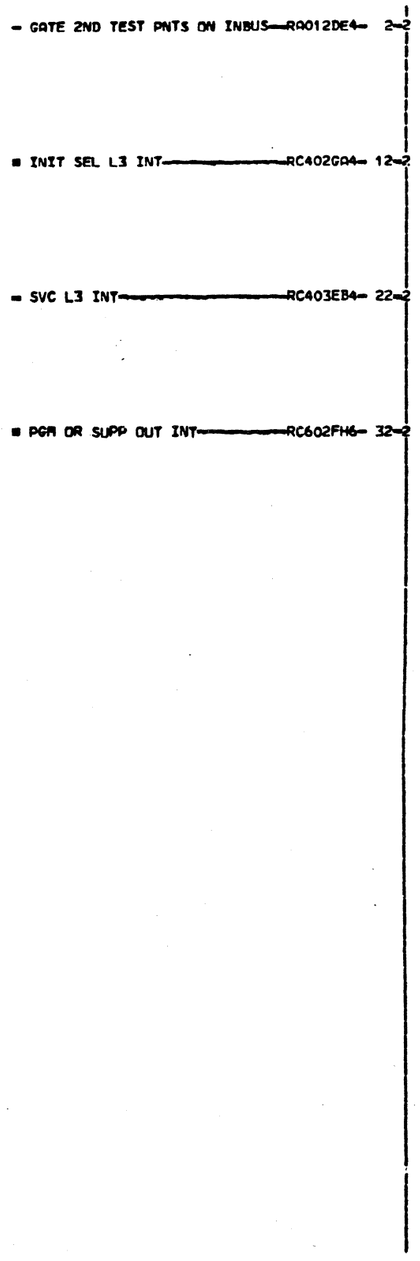
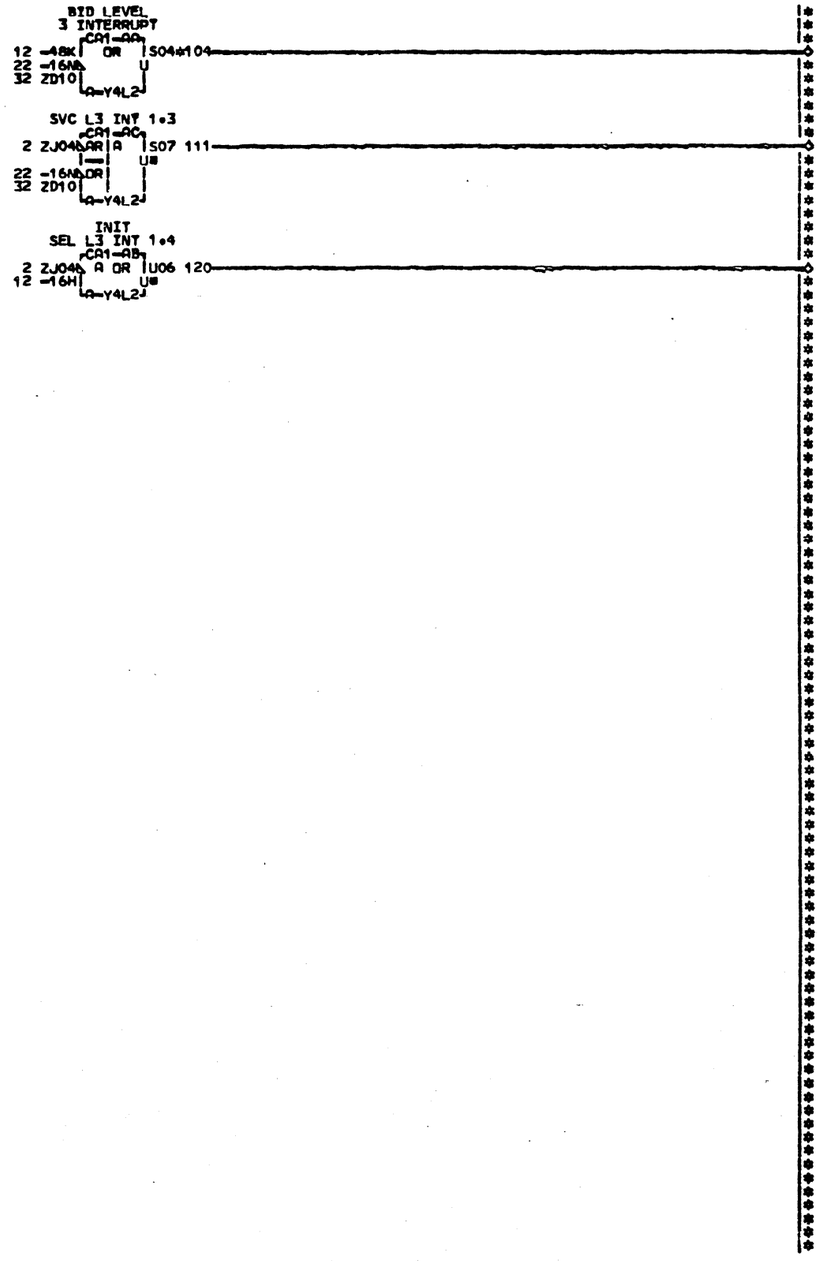
SERVICE TRANSFER

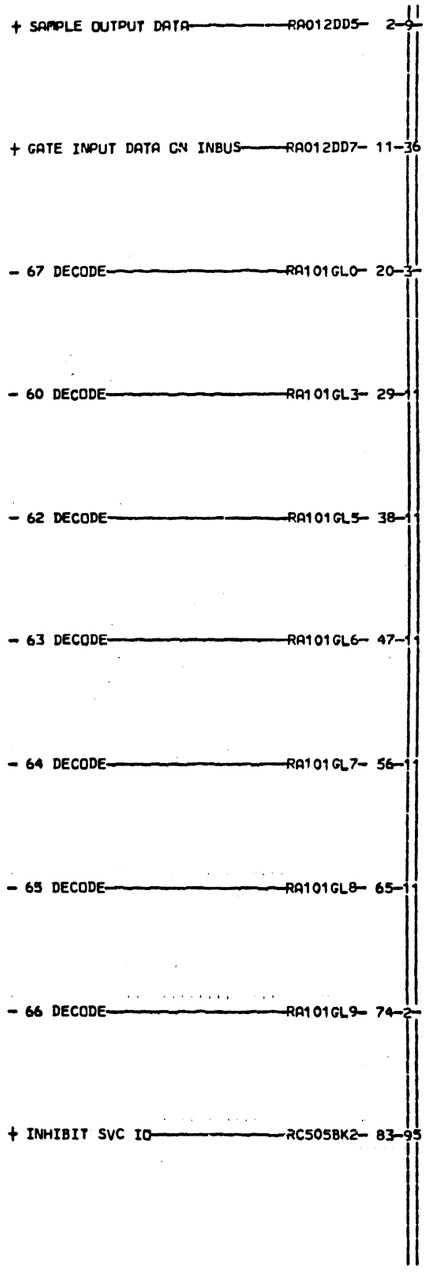
E.C.-HISTORY	B	RACH.27RNB
309522C		
309541		FRAME 01
309545		
		IBM CORP.SDD RC405
DATE LAST EC		
05-23-72 309548		P.N. 1785146 000

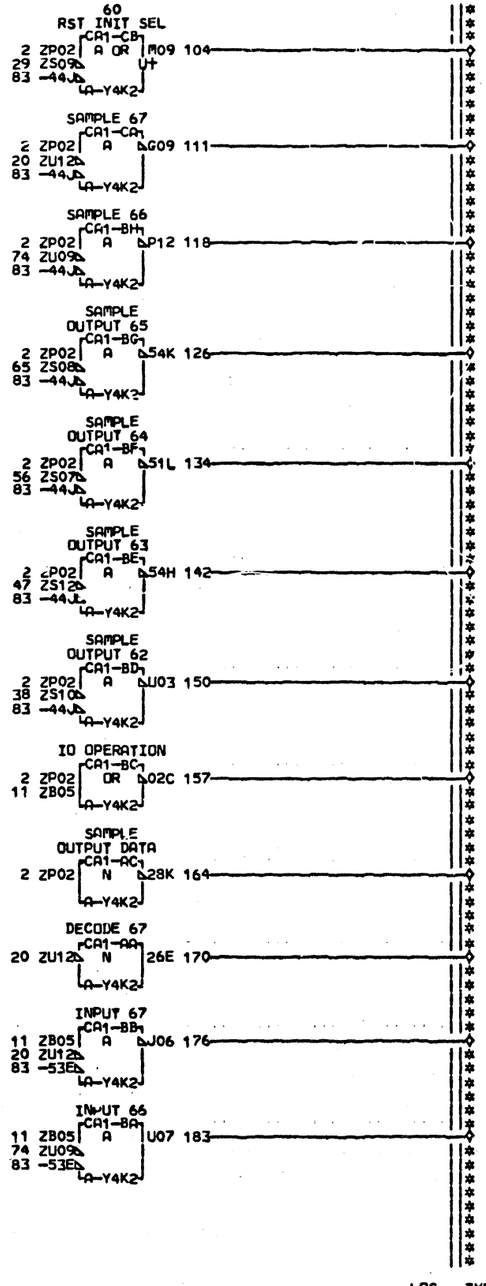

000 RC406
+ ADDRESS OUT RC101HA4 2
- CLOCK 1 RC201BC6 6
- CLOCK 4 RC201EC6 10
- START IO LT RC202AN3 14
- OP IN RC202AU6 18
- STATUS IN LT RC203AF6 22
+ PREP BUSY LT RC204AG2 26
= DECODE CMD RC204FG6 30
+ SVC SELTV RST RC205EF2 34
- SIO ADR COMP RC308CD4 38
= TEST IO DECODE RC308GL3 42
= NO OP DECODE RC308GL6 46
- CCU OUTBUS BIT 1.4 RC309BF2 50
+ NSC ADDRESS RC402AE2 54
- SET UNIT CHECK RC402EK6 58
+ INIT SEL L3 INT RC402GA4 62
- SAMPLE 62 RC404DL6 66
+ TEST I-O RC404DM2 70
+ DATA SVC RESET RC405BK6 74
- RN STATUS AVAILABLE RC503BA6 78
+ PGA INT REQ RC602HB2 82
+ DIAG CCU OR CHNL RESET RC707ER6 86
INHIBIT R EQUEST FOR SVC
DCD CMND CLK 4
UNIT CHECK TO ASSEMB.
OP IN
NSC BUSY
NO-OP LT
CONT UNIT BUSY
TIO CU BUSY
INHIBIT OP IN CNTRL
STATUS IN LT
7602 TIE UP
OX TIO RDY
CNTRL UNIT BU SY TO STAT ASB
167 + OP IN RC402-AD2
503 + OX TIO RSPNS RDY BL2
RC402 RC403
507 - OX TIO RSPNS RDY RC502-BL6
160 - UNIT CHECK TO ASSEMB. RC601-DC6
258 - CE DE PAR TO ASSEMB RC601-DE6
104 + INHIBIT REQUEST FOR SVC RC403-DF6
307 - CONTROL UNIT BUSY TO DRIVER DG6
RC706 RF206
249 NSC BUSY RC601-FB6
473 + 7602 TIE UP CL4
RC401 RC403 RC405
438 - STATUS IN LT HB2
RC705 RC706 RF205 RF206
432 + INHIBIT OP IN CNTRL RC202-HC6
517 + CNTRL UNIT BUSY TO STAT ASB HD6
RC601
LOC. TYPE
A-Y4L2 7602
INITIAL STATUS GEN
E.C. HISTORY
309522C 309949
309541
309545
309548
DATE LAST EC
08-09-79 321750
RAGH.27AUB
FRAME 01
IBM CORP.SDD
P.N. 1785147
RC406
000
RC406
000


- GATE 2ND TEST PNTS ON INBUS—RA012DE4- 2-2
■ INIT SEL L3 INT—RC402GA4- 12-2
- SVC L3 INT—RC403EB4- 22-2
■ PGM OR SUPP OUT INT—RC602FH6- 32-2
EDGE CONN.
104 A-Y4C2D13
01A-Y4C4D13

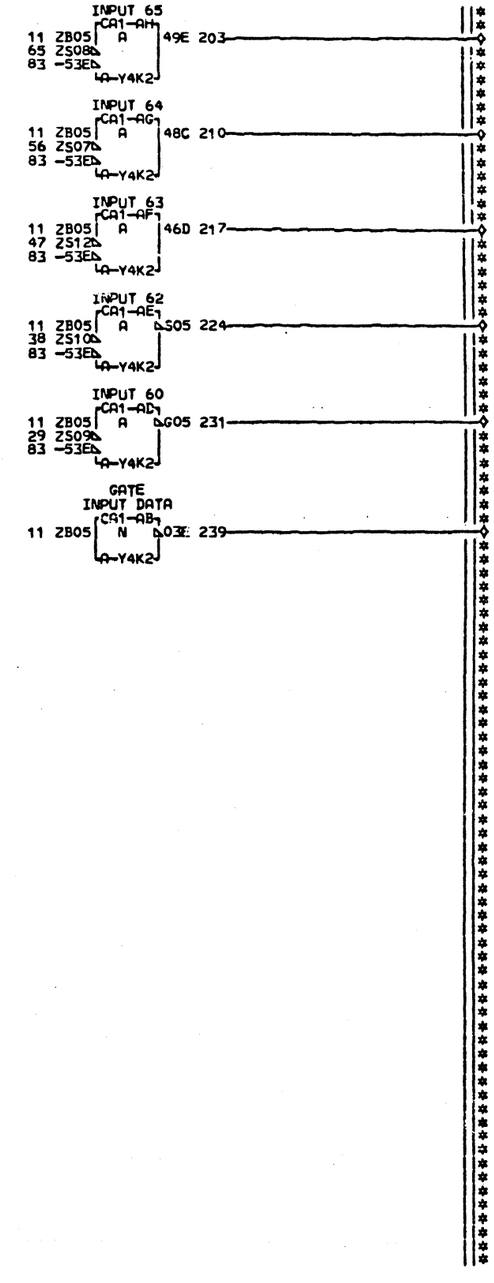

BID LEVEL
3 INTERRUPT
CA1-AA
12 -48K OR S04■104
22 -16AB U
32 ZD10
A-Y4L2
SVC L3 INT 1.3
CA1-AC
2 ZJ04 AR A S07 111
22 -16AB OR U■
32 ZD10
A-Y4L2
INIT
SEL L3 INT 1.4
CA1-AB
2 ZJ04 A OR U06 120
12 -16H U■
A-Y4L2
LOC. TYPE
A-Y4L2 7602


000 RC407
104 ■ BID LEVEL 3 INTERRUPT— RA012-CB6
120 ■ INIT SEL L3 INT 1.4— RA105-CC2
111 ■ SVC L3 INT 1.3— RA105-CD2
OR DOTS BYTE 0
—E.C.—HISTORY—B RACH.27RNB
309522C
309541
309545
DATE LAST EC
05-23-72 309548
FRAME 01
IBM CORP.SDD RC407
P.N. 1785148 000





LOC. TYPE
A-Y4K2 7603



000 RC501

170 + DECODE 67 — RC505-AK2

239 - GATE INPUT DATA — RC504-AL2

164 - SAMPLE OUTPUT DATA — RC505-AM2

231 - INPUT 60 — CC6
LRC205 LRC402 LRC503

224 - INPUT 62 — CE6
LRC204 LRC403 LRC504 LRC602

217 + INPUT 63 — RC502-CF2

210 + INPUT 64 — RC502-CG2

203 + INPUT 65 — RC502-CH2

183 + INPUT 66 — CJ2
LRC308 LRC601

176 - INPUT 67 — CK6
LRC104 LRC107 LRC504 LRC707
LRF207

157 - IO OPERATION — RC505-CN2

150 - SAMPLE OUTPUT 62 — EC6
LRC204 LRC404 LRC503 LRC504
LRC601 LRC602

142 - SAMPLE OUTPUT 63 — RC502-EE6

134 - SAMPLE OUTPUT 64 — RC502-EG6

126 - SAMPLE OUTPUT 65 — RC502-EJ6

118 - SAMPLE 66 — EL6
LRC503 LRC601

111 - SAMPLE 67 — EN6
LRC103 LRC206 LRC505 LRC602
LRC707

104 + 60 RST INIT SEL — RC402-GH2

INPUT-OUTPUT CONTROL

-E.C.-HISTORY-D-	MACH.27RNB	
309522C		
309541	FRAME 01	
309545		
309548	IBM CORP.SDD	RC501
DATE LAST EC	P.N. 1785149	000
06-07-76 315618		

RC501
000

- TO TIME — RA103DB6 — 2
- T2 TIME — RA103DD6 — 6
- CLOCK 2 — RC201CC6 — 10
- START IO LT — RC202AN2 — 14
- ADDRESS IN LT — RC203AA6 — 18
- STATUS IN LT — RC203AF6 — 22
- SERVICE IN LT — RC203AL6 — 26
- INCREMENT COUNTER — RC203AX6 — 30
- OUTBOUND XFER — RC403BB2 — 34
- INBND XFER — RC403BB5 — 38
- ESC STATUS XFER — RC403BB8 — 42
- COUNT 1 — RC404CD6 — 46
- COUNT 2 — RC404DD6 — 50
- OX TIO RSPNS RDY — RC406BL6 — 54
- INPUT 63 — RC501CF2 — 58
- INPUT 64 — RC501CG2 — 62
- INPUT 65 — RC501CH2 — 66
- SAMPLE OUTPUT 63 — RC501EE6 — 70
- SAMPLE OUTPUT 64 — RC501EG6 — 74
- SAMPLE OUTPUT 65 — RC501EJ6 — 78
- TIE UP — RC503FN4 — 82

DCD — 46 U05A 1, 50 U04A 2, 82 47LA 4, 26 U06 8 → 0 49H 103; 1 49L 105; 2 49J 107; 7 49K 109 — A-Y4K2

22 ZM12A A, 42 ZM11A, 14 ZG08 EV, 54 ZJ09A → 39Q 113 — A-Y4K2

SAMPLE 63 — 70 -46TA S, 6 ZM02A R → FL, S → 46U 125 — A-Y4K2

SAMPLE 65 — 78 -48TA S, 6 ZM02A R → FL, S → 49V 132 — A-Y4K2

SAMPLE 64 — 74 -16TA S, 6 ZM02A R → FL, S → 16U 139 — A-Y4K2

GATE LOCAL STORE ON INBUS — 58 36R, 62 36Q, 66 36P → OR → G04 174 — A-Y4K2

INCR CNTR IN BND XFER CLK 2 — 10 ZG07A, 30 ZD05A, 38 ZD07A → A → 09H 182 — A-Y4K2

105 32NA, 109 32RA → OR → 27N 202 — A-Y4K2

103 34PA, 107 31NA → OR → 26Q 216 — A-Y4K2

GATE OUTBUS THRU ASSEMB — 125 38N, 132 36N, 139 39N → OR → U10 225 — A-Y4K2

SEL DATA 3 AND 4 — 66 09T, 107 31NA, 109 32RA, 132 06T → OR OR → J04 253 — A-Y4K2

SEL DATA 1 AND 2 — 62 33T, 103 34FA, 105 32NA, 139 31U → OR → P04 262 — A-Y4K2

SEL ADDR AND STATUS — 58 -06K, 129 -07L, 113 -38K → OR OR → D06 271 — A-Y4K2

LOC. TYPE
A-Y4K2 7603

GTE LS THRU DRVR ASSMB 2 — 113 -29W, 34 ZG11A, 202 -51TA → AR OR → 29V 304 — A-Y4K2

GTE LS THRU DRVR ASSMB 1 — 34 ZG11A, 216 -29NA, 14 ZG08A, 18 ZJ11A → A OR → 26W 318 — A-Y4K2

WRITE INTO LS 0 — 2 ZU11A, 225 ZU10A, 10 ZG07A, 30 ZD05A, 38 ZD07A, 216 -28RA → A OR → P03 328 — A-Y4K2

WRITE INTO LS 1 — 2 ZU11A, 225 ZU10A, 10 ZG07A, 30 ZD05A, 38 ZD07A, 202 -53WA → A OR → G12 346 — A-Y4K2

225 - GATE OUTBUS THRU ASSEMB — 8B2
LRC105 LRC307

174 - GATE LOCAL STORE ON INBUS — BF2
LRC106 LRC307 LRC505

182 - INCR CNTR INBND XFER CLK 2 — DF5
LRC504

271 ■ SEL ADDR AND STATUS — GE6
LRC106 LRC307

262 ■ SEL DATA 1 AND 2 — GF6
LRC106 LRC307

253 ■ SEL DATA 3 AND 4 — GG6
LRC106 LRC307

346 ■ WRITE INTO LS 1 — RC307-GK6

328 ■ WRITE INTO LS 0 — RC106-GL6

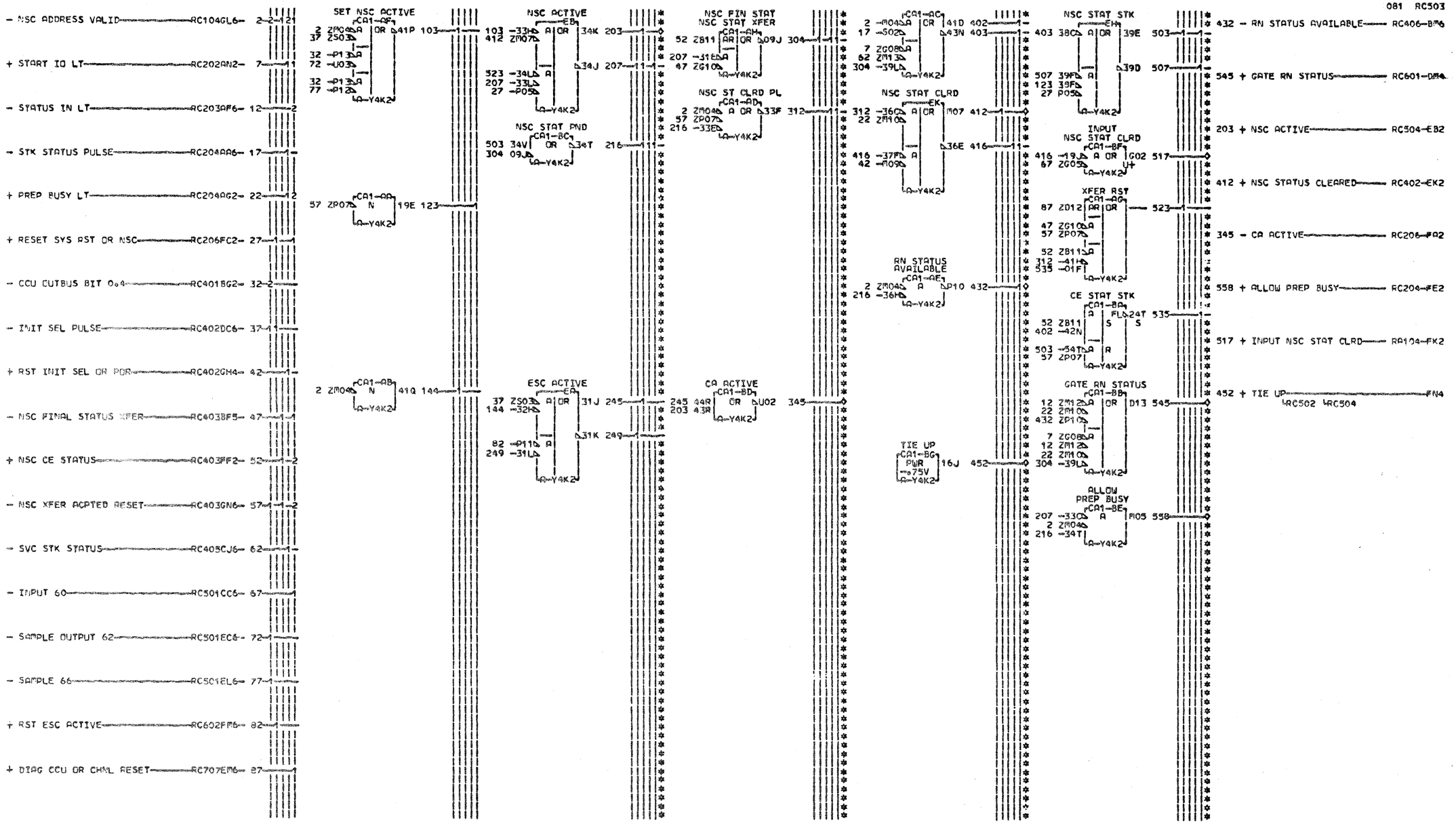
318 ■ GTE LS THRU DRVR ASSMB 1 — GM6
LRC504 LRC505

304 ■ GTE LS THRU DRVR ASSMB 2 — GN6
LRC504 LRC505

ASSEMBLER AND LOCAL STORE CONT

E.C. HISTORY: 309522C, 309541, 309545 | B. MACH.27RNB | FRAME 01 | IBM CORP. SDD | RC502

DATE LAST EC: 05-26-72 309548 | P.No. 1785150 | 000



NSC CONTROL

E.C.-HISTORY-E | MACH.27RNB

FRAME 01

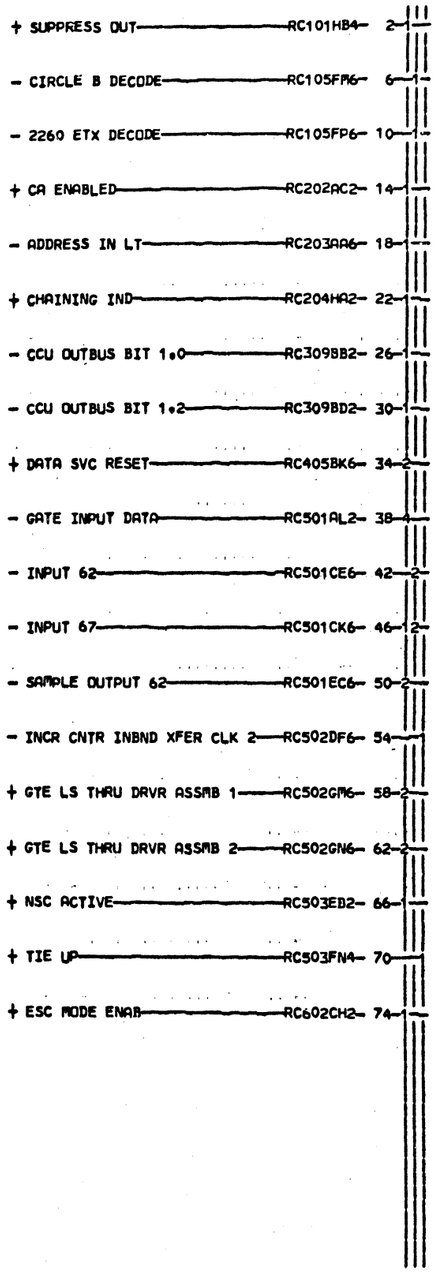
IBM CORP.SCD | RC503

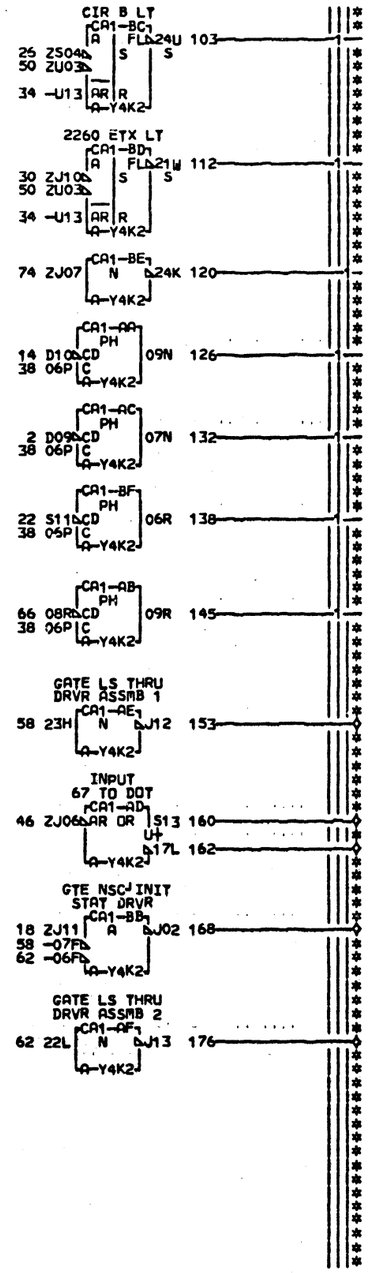
DATE LAST EC | P.No. 1986990 | 081

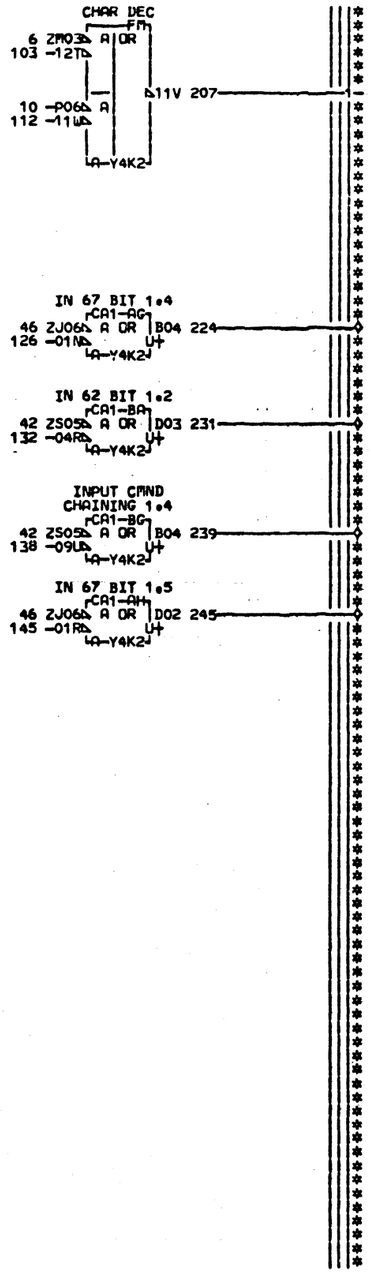
10-14-80 344270

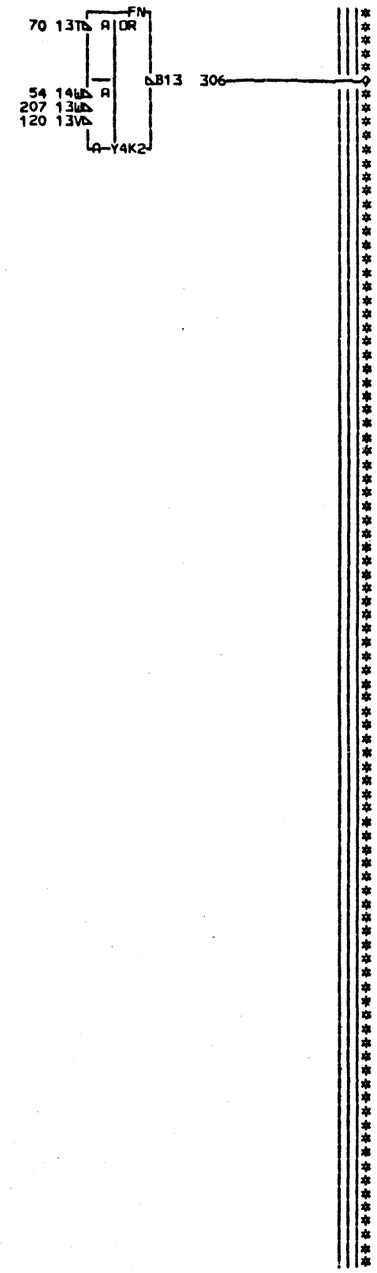
RC503

081 SIM TO PN 1785151 EC 321750









000 RC504

160 + INPUT 67 TO DOT — RC205-CF2

162 - GATE INPUT 67 — RC505-CF6

153 - GATE LS THRU DRVR ASSMB 1 — CK2
LRC706 LRF206

176 - GATE LS THRU DRVR ASSMB 2 — CL2
LRC706 LRF206

224 + INPUT CA ENABLED 1.4 — RA105-DC2

245 + INPUT RN ACTIVE 1.5 — RA105-DE2

231 + INPUT 1.2 SUPPRESS OUT C — DG2
LRA105

168 - GTE NSC INIT STAT DRVR — FH6
LRC706 LRF206

306 - CHAN STOP FROM CHAR DECODE — FN6
LRC205

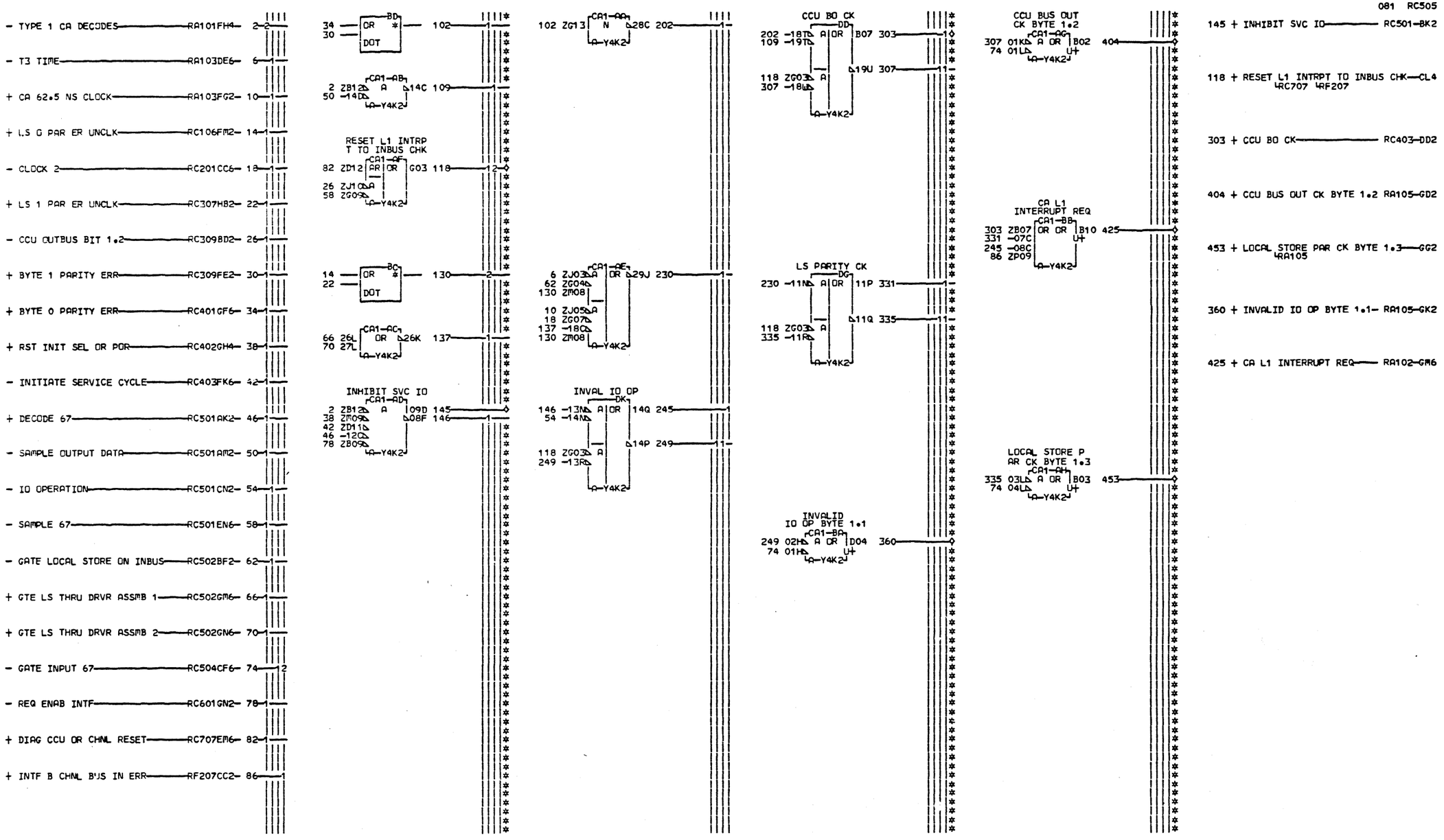
239 + INPUT CMND CHAINING 1.4 RA105-FQ2

LOC. TYPE
A-Y4K2 7603

RN ASYNCHRONOUS INFO

E.C. HISTORY	D	MACH.27RNB
309522C 309949		FRAME 0
309541		
309545		
309548		IBM CORP.SDD RC504
DATE LAST EC		P.N. 1785152 000
06-07-76 315618		

RC504
000



081 RC505

145 + INHIBIT SVC IO — RC501-BK2

118 + RESET L1 INTRPT TO INBUS CHK — CL4
RC707 RF207

303 + CCU BO CK — RC403-DD2

404 + CCU BUS OUT CK BYTE 1.2 RA105-GD2

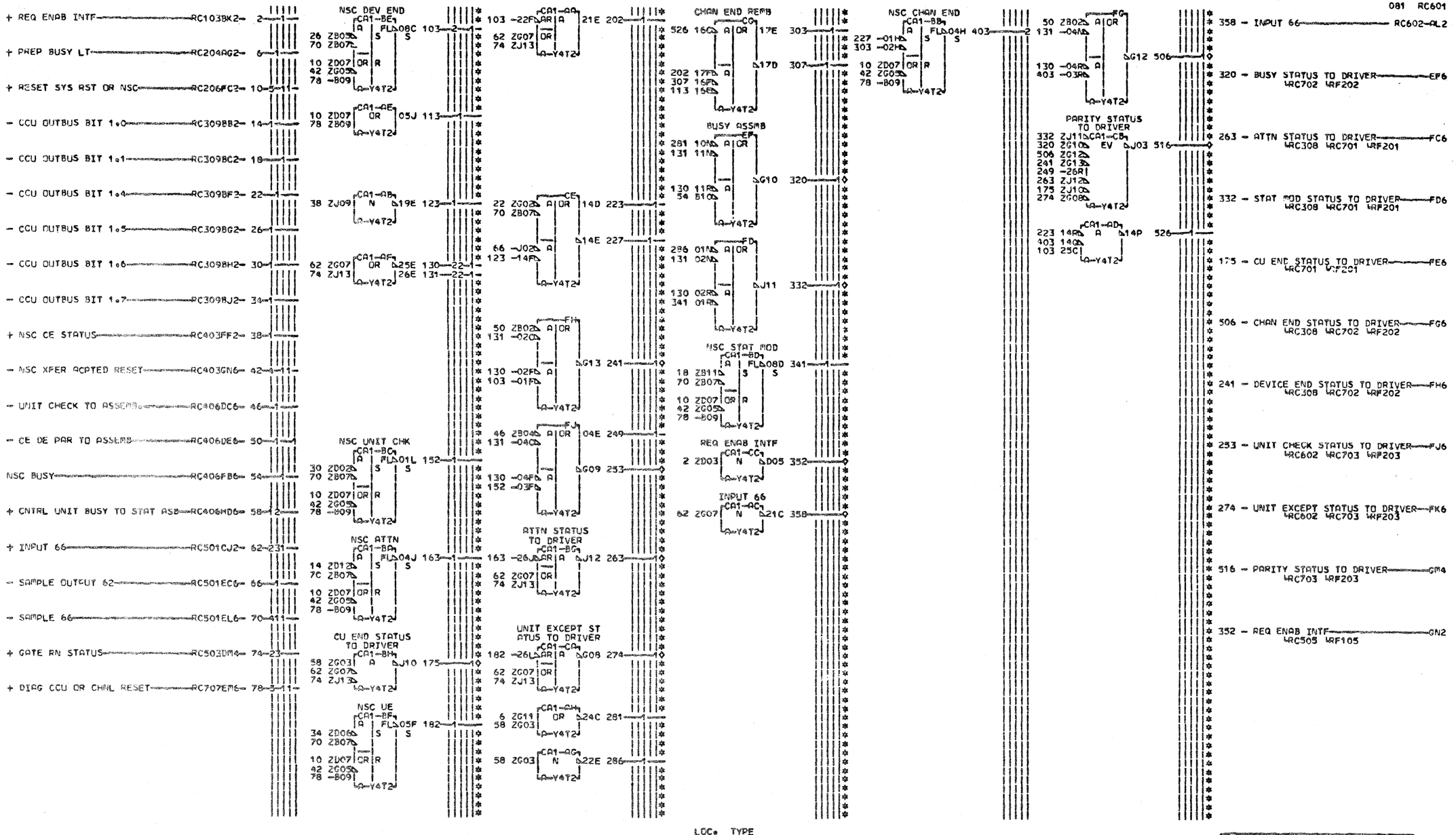
453 + LOCAL STORE PAR CK BYTE 1.3 — GG2
RA105

360 + INVALID IO OP BYTE 1.1 — RA105-GK2

425 + CA L1 INTERRUPT REQ — RA102-GM6

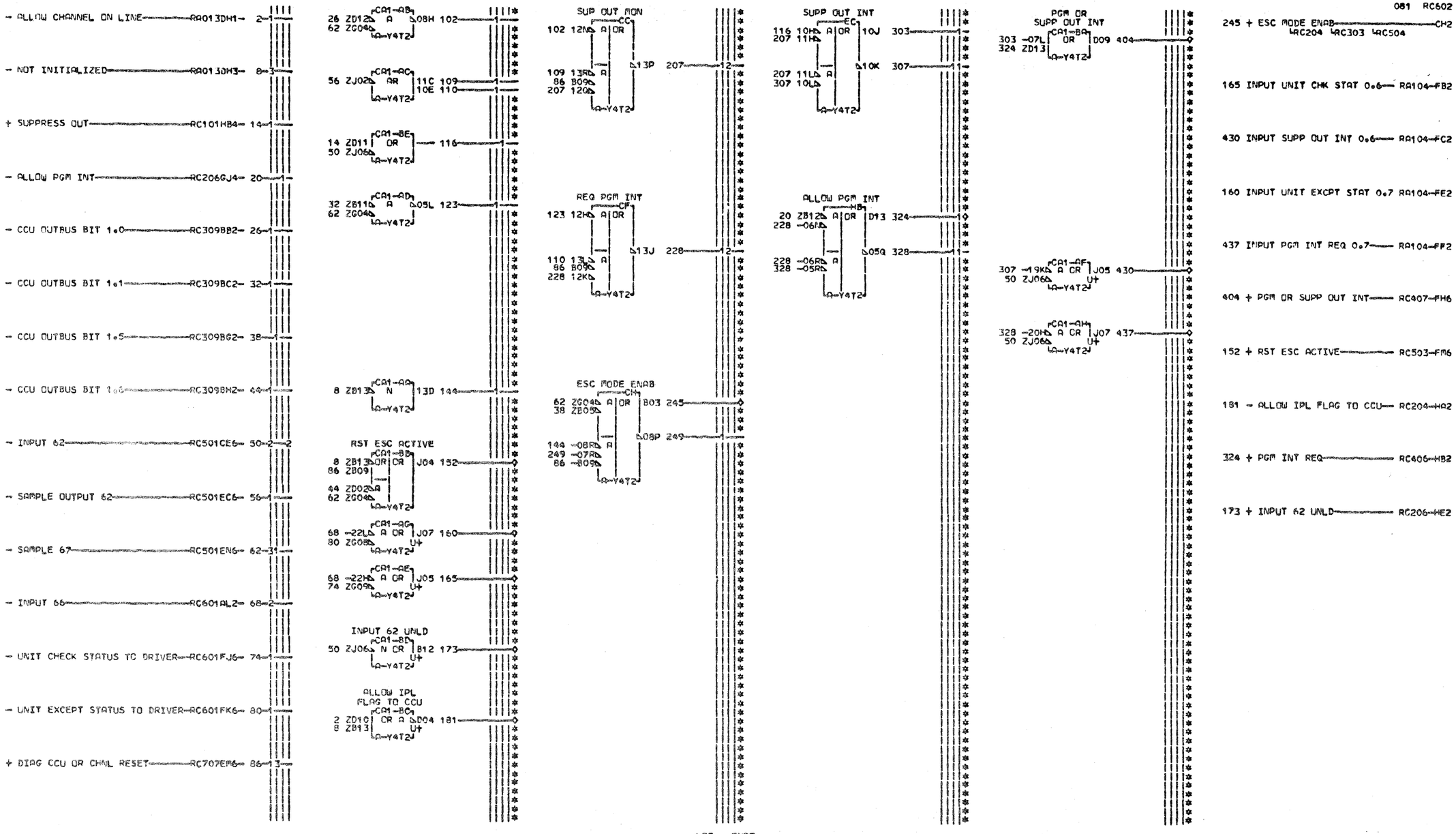
ERROR LATCHES
E.C. HISTORY — E. MACH.27RNB
FRAME 01
IBM CORP.SDD | RC505
DATE LAST EC
04-14-81 34460C
P.N. 4499503 | 081

RC505
081 SIM TO PN 1785153 EC 309949

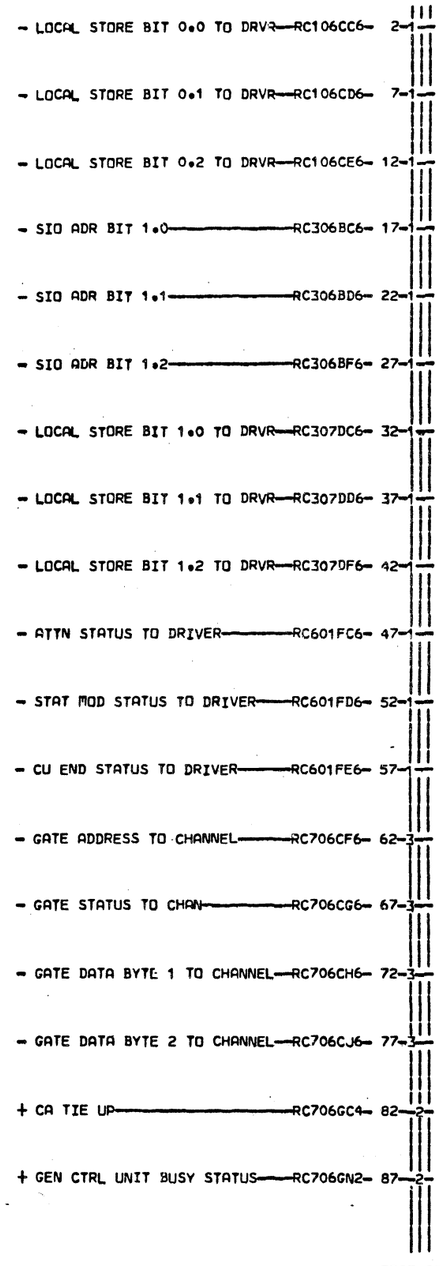


RC601

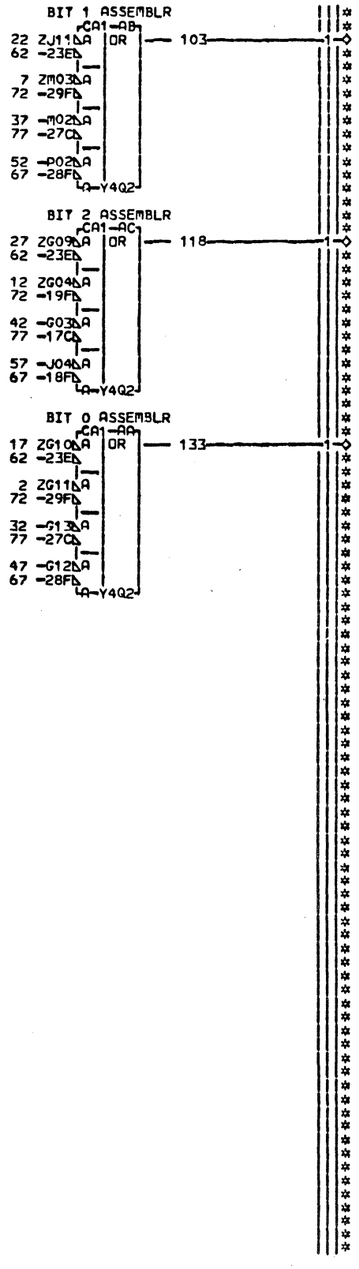
081 SIF TO PN 1785154 EC 315618

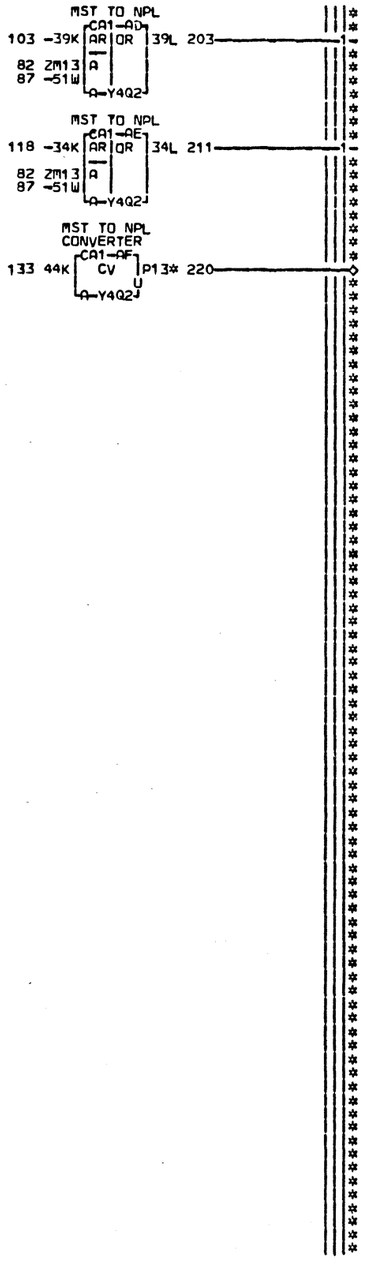


RC602
081 SIM TO PN 1785155 EC J15618

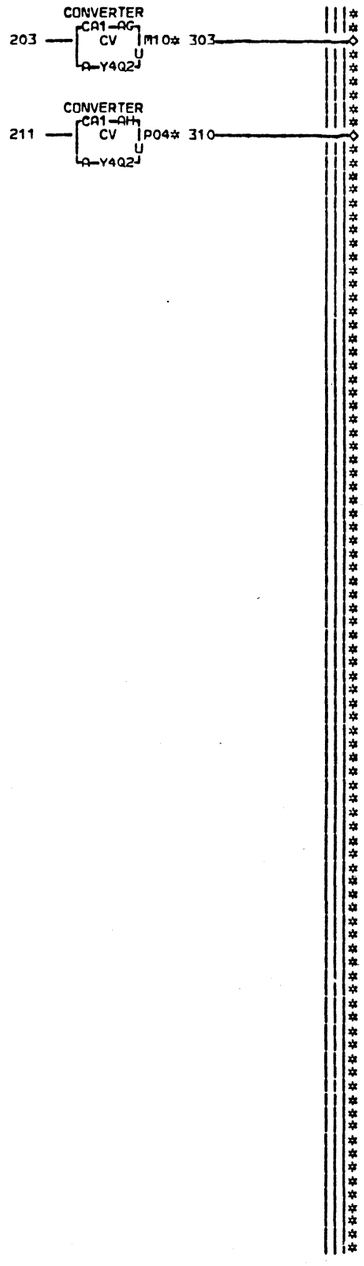


EDGE CONN.
220 A-Y4V3D05
303 A-Y4V3B05
310 A-Y4V3D06





LOC. TYPE
A-Y4Q2 6836



000 RC701

133 + BUS IN BIT 0 ASSEMBLED— RC703-BB4

103 + BUS IN BIT 1 ASSEMBLED— RC703-BF4

118 + BUS IN BIT 2 ASSEMBLED— RC703-BK4

220 + NPL BIT 0 TO INTF A— RA014-EC4

303 + NPL BIT 1 TO INTF A— RA014-EG4

310 + NPL BIT 2 TO INTF A— RA014-EL4

CHANNEL DRIVERS BUS IN
BITS 0 1 2
E.C.-HISTORY—B
309522C
309541
309545

DATE LAST EC
06-15-72 309533

MACH.27RNB

FRAME 01

IBM CORP.SDD | RC701

P.N. 1785156 | 000

RC701
000

- LOCAL STORE BIT 0.3 TO DRVR—RC106CF6— 2-1
- LOCAL STORE BIT 0.4 TO DRVR—RC106CG6— 7-1
- LOCAL STORE BIT 0.5 TO DRVR—RC106CH6— 12-1
- SIO ADR BIT 1.3—RC306BG6— 17-1
- SIO ADR BIT 1.4—RC306BH6— 22-1
- SIO ADR BIT 1.5—RC306BK6— 27-1
- LOCAL STORE BIT 1.3 TO DRVR—RC307DG6— 32-1
- LOCAL STORE BIT 1.4 TO DRVR—RC307DH6— 37-1
- LOCAL STORE BIT 1.5 TO DRVR—RC307DK6— 42-1
- BUSY STATUS TO DRIVER—RC601EF6— 47-1
- CHAN END STATUS TO DRIVER—RC601FG6— 52-1
- DEVICE END STATUS TO DRIVER—RC601FH6— 57-1
- GATE ADDRESS TO CHANNEL—RC706CF6— 62-3
- GATE STATUS TO CHAN—RC706CG6— 67-3
- GATE DATA BYTE 1 TO CHANNEL—RC706CH6— 72-3
- GATE DATA BYTE 2 TO CHANNEL—RC706CJ6— 77-3
+ GEN CTRL UNIT BUSY STATUS—RC706GN2— 82-1

EDGE CONN.
211 A-Y4V3B10
218 A-Y4V3D09
01A-Y4V3D10
303 A-Y4V3B08
01A-Y4V3B09

BIT 3 ASSEMBLR
CA1-AA
17 ZJ09 A | OR — 103
62 -23E
2 ZJ07 A
72 -19F
32 -G07 A
77 -17C
47 -G05 A
67 -18F
A-Y4Q2

BIT 5 ASSEMBLR
CA1-AC
27 ZD10 A | OR — 118
62 -08E
12 ZB13 A
72 -14F
42 -B12 A
77 -12C
57 -D12 A
67 -13F
A-Y4Q2

BIT 4 ASSEMBLR
CA1-AB
22 ZB09 A | OR — 133
62 -08E
7 ZJ02 A
72 -14F
37 -G02 A
77 -12C
52 -S03 A
67 -13F
A-Y4Q2

MST TO NPL
CA1-AD
82 29J | OR | 29L 203
103 29K
A-Y4Q2

MST TO NPL CONVERTER
CA1-AG
118 19K | CV | J05* 211
U
A-Y4Q2

MST TO NPL CONVERTER
CA1-AF
133 24K | CV | G08* 218
U
A-Y4Q2

CONVERTER
CA1-AE
203 | CV | J13* 303
U
A-Y4Q2

103 + BUS IN BIT 3 ASSEMBLER— RC703-BB4
133 + BUS IN BIT 4 ASSEMBLED— RC703-BF4
118 + BUS IN BIT 5 ASSEMBLED— RC703-BK4
303 + NPL BIT 3 TO INTF A— RA014-EC4
218 + NPL BIT 4 TO INTF A— RA014-EG4
211 + NPL BIT 5 TO INTF A— RA014-EL4

LOC. TYPE
A-Y4Q2 6836

CHANNEL DRIVERS BUS IN
BITS 3 & 5
E.C.—HISTORY—B. MACH.27.M.B
309522C
309541
FRAME 01
IBM CORP.SDD RC702
DATE LAST EC
04-24-72 309545 P.N. 1785157 000

- LOCAL STORE BIT 0•P TO DRVR—RC106CB6— 2
- LOCAL STORE BIT 0•6 TO DRVR—RC106CJ6— 5
- LUCAL STURE BIT 0•7 TO DRVR—RC106CK6— 8
- SID ADR PTY 1•0-1•7—RC306BB6— 11
- SID ADR BIT 1•6—RC306BL6— 14
- SID ADR BIT 1•7—RC306BM6— 17
- LOCAL STORE BIT 1•P TO DRVR—RC307DB6— 20
- LOCAL STORE BIT 1•6 TO DRVR—RC307DL6— 23
- LOCAL STORE BIT 1•7 TO DRVR—RC307DM6— 26
- UNIT CHECK STATUS TO DRIVER—RC601FJ6— 29
- UNIT EXCEPT STATUS TO DRIVER—RC601FK6— 32
- PARITY STATUS TO DRIVER—RC601GM4— 35
+ BUS IN BIT 0 ASSEMBLED—RC701BB4— 38
+ BUS IN BIT 1 ASSEMBLED—RC701BF4— 41
+ BUS IN BIT 2 ASSEMBLED—RC701BK4— 44
+ BUS IN BIT 3 ASSEMBLER—RC702BB4— 47
+ BUS IN BIT 4 ASSEMBLED—RC702BF4— 50
+ BUS IN BIT 5 ASSEMBLED—RC702BK4— 53
- INTERFACE ENABLED AND OP IN—RC706BK6— 56
- GATE ADDRESS TO CHANNEL—RC706CF6— 59
- GATE STATUS TO CHAN—RC706CG6— 62
- GATE DATA BYTE 1 TO CHANNEL—RC706CH6— 65
- GATE DATA BYTE 2 TO CHANNEL—RC706CJ6— 68
+ GEN CTRL UNIT BUSY STATUS—RC706GN2— 71

BIT 6 ASSEMBLR
MST TO NPL
CA1-AA
14 ZB07 A OR — 104
59 -08E
5 ZB03 A
65 -04F
23 -B02 A
68 -02C
29 -D03 A
62 -03F
A-Y4Q2

BIT 7 ASSEMBLR
MST TO NPL
CA1-AB
17 ZD07 A OR — 120
59 -08E
8 ZB04 A
65 -04F
26 -B05 A
68 -02C
32 -D04 A
62 -03F
A-Y4Q2

CA1-AC
2 ZP10 A OR — 134
65 -37F
20 ZP07 A
68 -34E
35 ZM07 A
62 -34D
11 ZP05 A
59 -47C
A-Y4Q2

38 01F CA1-AE
41 01Q CD D01N 202
44 02N
47 03N
50 04R
53 03R
104 01R
120 02R
A-Y4Q2

CONVERTER
CA1-AG
104 — CV D11* 231
U
A-Y4Q2

CONVERTER
CA1-AH
120 — CV B10* 238
U
A-Y4Q2

MST TO NPL
CA1-AD
56 06J A 06L 303
71 52LA
202 01H
A-Y4Q2

CHANNEL BUS IN
PARITY ERROR
CA1-AF
134 04Q EV A D04N 318
202 04F
A-Y4Q2

CONVERTER
CA1-BA
303 — CV D09* 403
U
A-Y4Q2

318 - CHANNEL BUS IN PARITY ERRCR—DH2
RC707

231 + NPL BIT 6 TO INTF A— RA014—EC4

238 + NPL BIT 7 TO INTF A— RA014—EG4

403 + NPL BIT P TO INTF A— RA014—EL4

EDGE CONN•
231 A-Y4V3D11
238 A-Y4V3B12
403 A-Y4V3B02

LOC• TYPE
A-Y4Q2 6636

CHANNEL DRIVERS BUS IN
BITS 6 7 P
—E•C•—HISTORY—— B MACH•27RAB
309522C
309541

DATE	LAST EC
04-24-72	309545

FRAME 01
IBM CORP•SDD
P•N• 1785158

RC703
000

- ADDRESS IN LT ——— RC203AA6 — 2-1-

- SERVICE IN LT DRIVEN ——— RC203FF2 — 12-1-

- INTERFACE ENABLED AND UP IN — RC706BK6 — 22-3-

- TAG DELAY GATE ——— RC706GM6 — 32-2-

MST TO NPL
CA1-AB
12 ZM04 A
22 -16
32 -54
A-Y4Q2
31L 103

MST TO NPL
CA1-AA
2 ZJ03 A
22 -16
32 -54
A-Y4Q2
16L 110

MST TO NPL CONVERTER
CA1-AC
22 21 CV
U
A-Y4Q2
J10* 118

CONVERTER
CA1-AE
103 CV
U
A-Y4Q2
P06* 203

CONVERTER
CA1-AD
110 CV
U
A-Y4Q2
J06* 210

118 + NPL OP IN TO INTF A —— RA015-EC4

210 + NPL ADDRESS IN TO INTF A ——— EG4
4RA015

203 + NPL SERVICE IN TO INTF A ——— EL4
4RA015

EDGE CONN.
118 P-Y4V4E02
203 P-Y4V4P06
210 P-Y4V4P05

LOC. TYPE
P-Y4Q2 6836

CHANNEL DRIVERS
OP IN ADDR IN AND SERVICE IN
—E.C.—HISTORY——B MACH.27RMB
309522C
309541

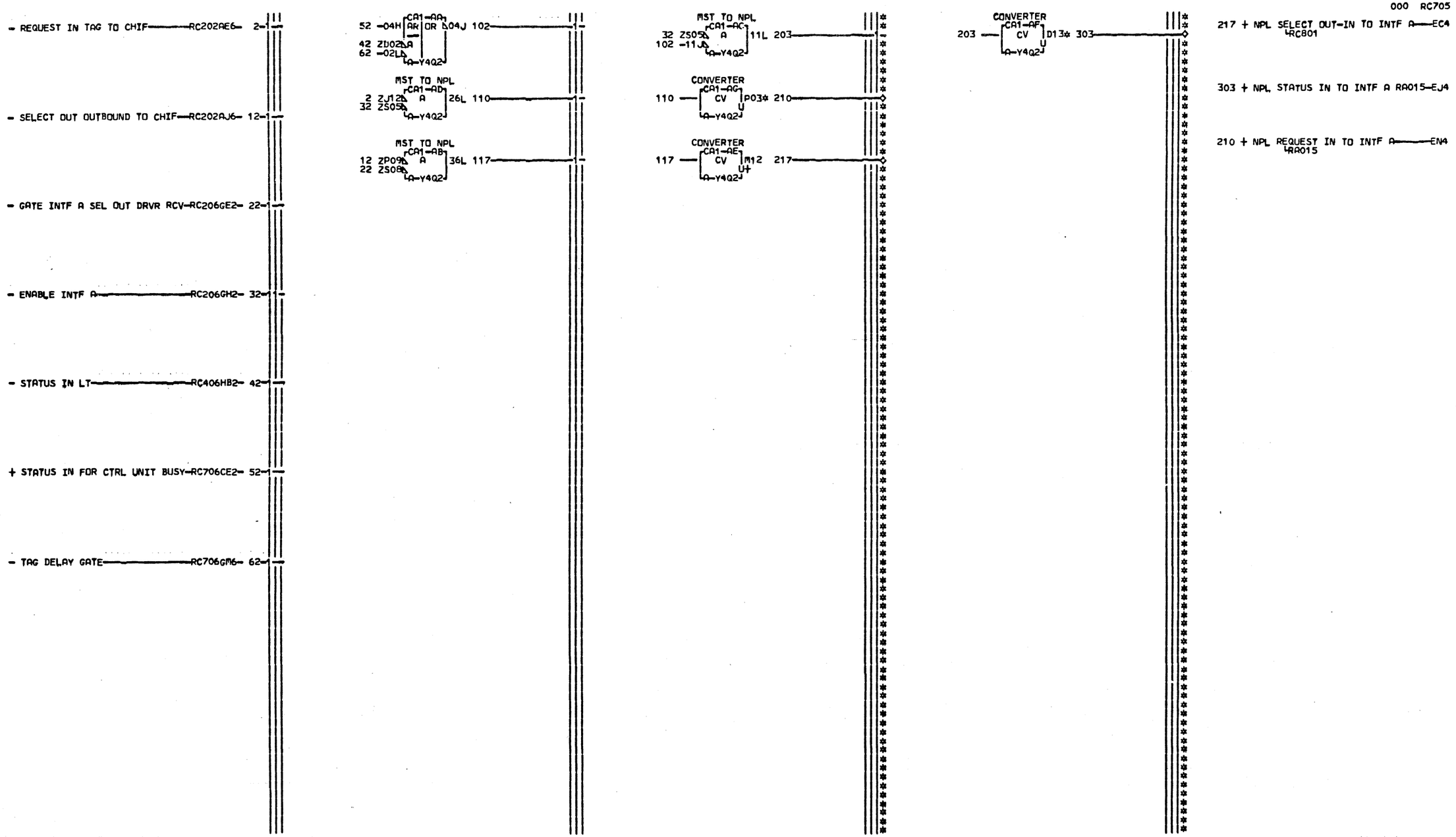
FRAME 01

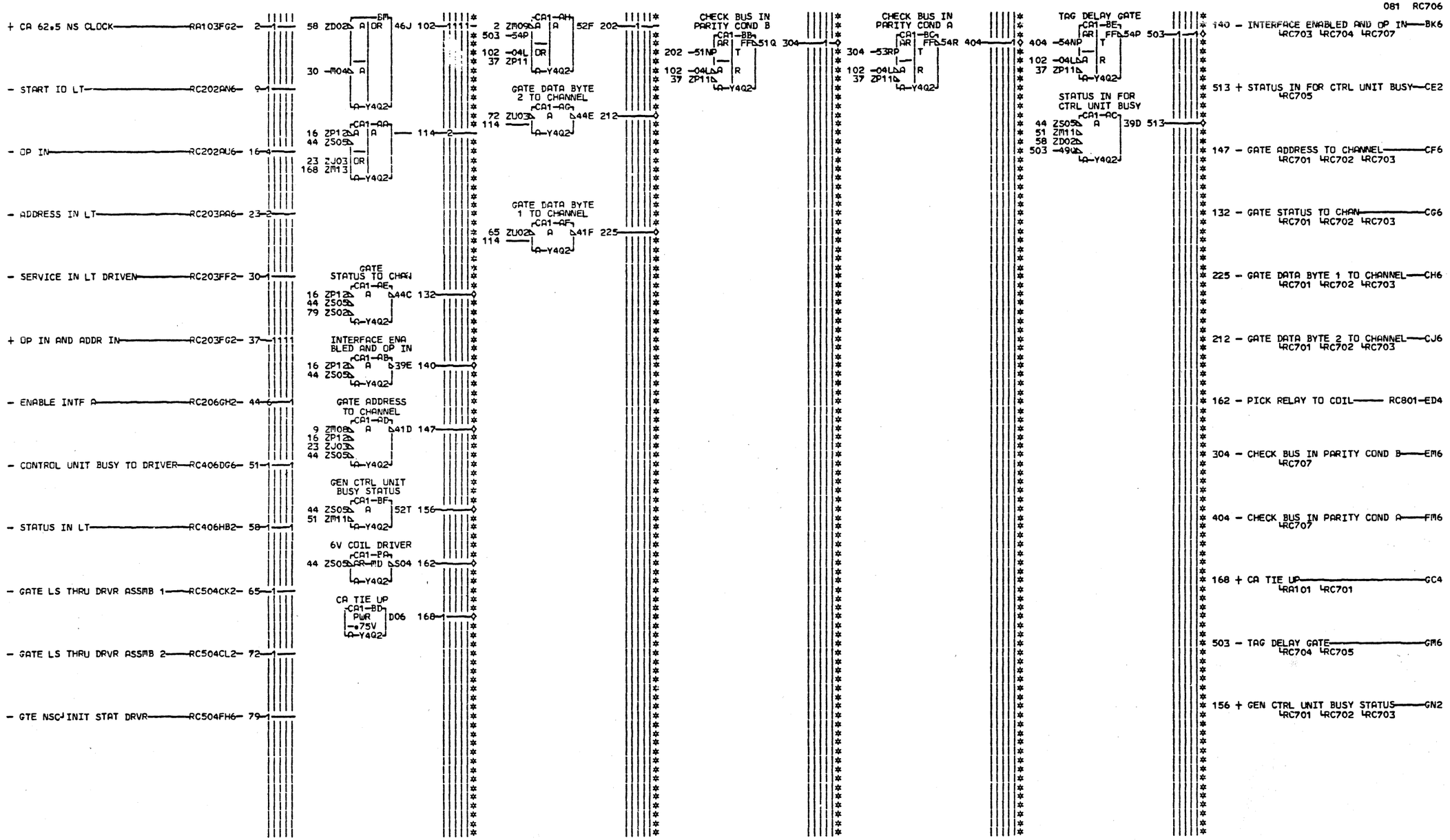
IBM CORP.SDD

P.N. 1785159

DATE LAST EC
04-24-72 309545

RC704 000


- REQUEST IN TAG TO CHIF RC202AE6 2
- SELECT OUT OUTBOUND TO CHIF RC202AJ6 12
- GATE INTF A SEL OUT DRVR RCV RC206GE2 22
- ENABLE INTF A RC206GH2 32
- STATUS IN LT RC406HB2 42
+ STATUS IN FOR CTRL UNIT BUSY RC706CE2 52
- TAG DELAY GATE RC706GM6 62
52 -04H CA1-AA AR OR 04J 102
42 ZD02 A
62 -02L
A-Y4Q2
MST TO NPL
2 ZJ12 A 26L 110
32 ZS05
MST TO NPL
12 ZP09 A 36L 117
22 ZS08
MST TO NPL
32 ZS05 A 11L 203
102 -11J
CONVERTER
110 CV P03# 210
CONVERTER
117 CV M12 217
CONVERTER
203 CV D13# 303
217 + NPL SELECT OUT-IN TO INTF A EC4
RC801
303 + NPL STATUS IN TO INTF A RA015 EJ4
210 + NPL REQUEST IN TO INTF A EN4
RA015
000 RC705
EDGE CONN.
210 A-Y4V5D06
303 A-Y4V4D05
LOC. TYPE
A-Y4Q2 6836
CHANNEL DRIVERS
SELECT IN REQ IN AND STATUS IN
E.C. HISTORY B MACH.27RNB
309522C
309541
309545
FRAME 01
IBM CORP. SDD RC705
DATE LAST EC
09-20-72 309944
P.N. 1785160 000
RC705
000

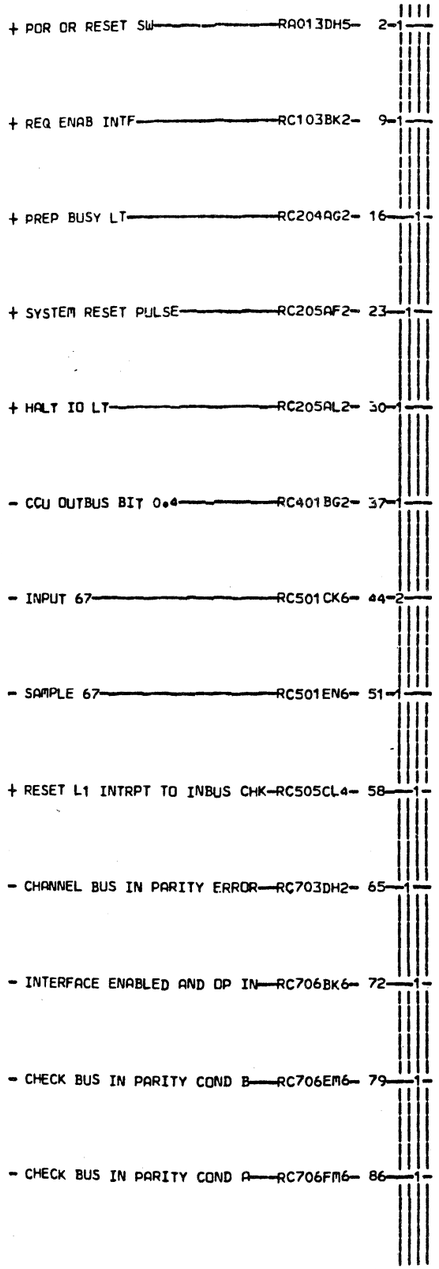


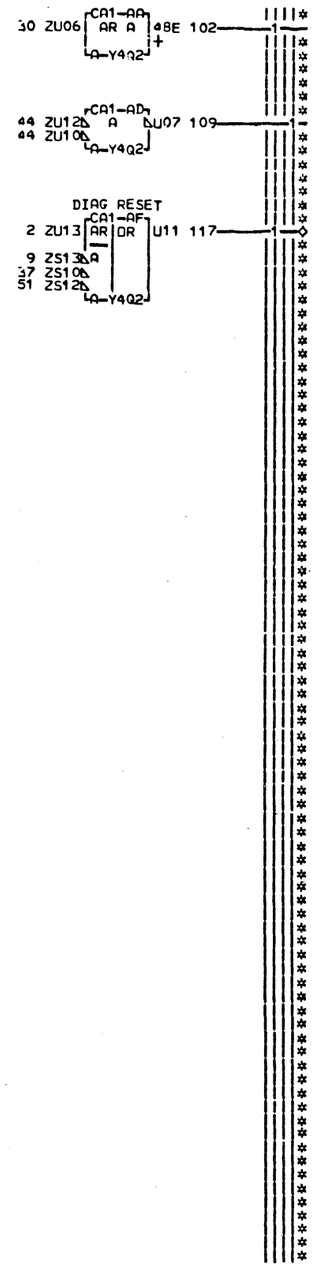
LOC. TYPE
A-Y4Q2 6836

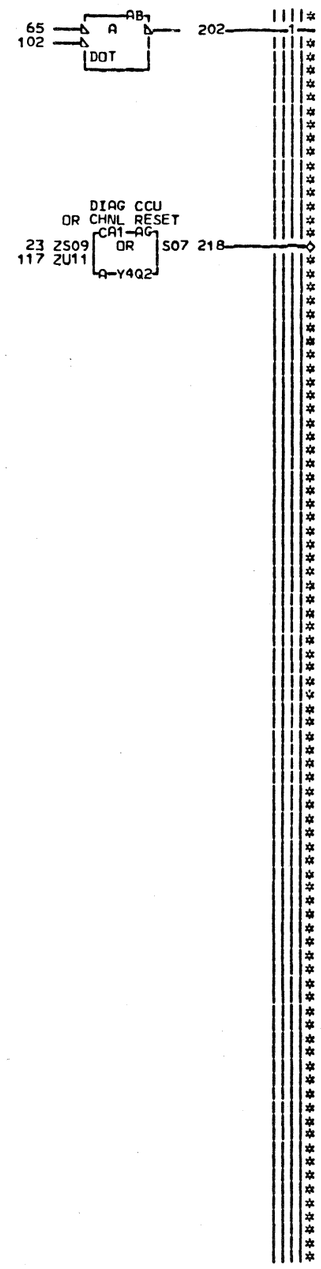
CHANNEL SELECT OUT RELAY DRIVR AND CONTROL GATING
E.C.-HISTORY — E-MARCH.27RNB

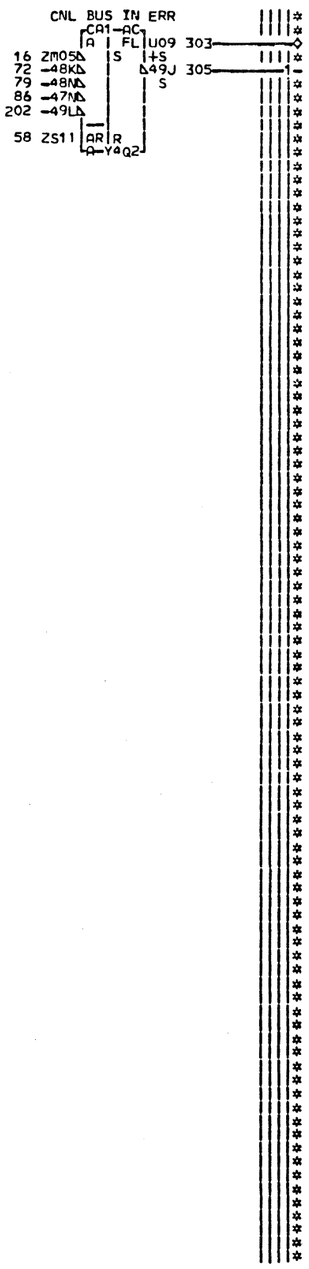
DATE	LAST EC		
04-14-81	344600	FRAME 01 IBM CORP.SDD P.N. 4499504	RC706 081

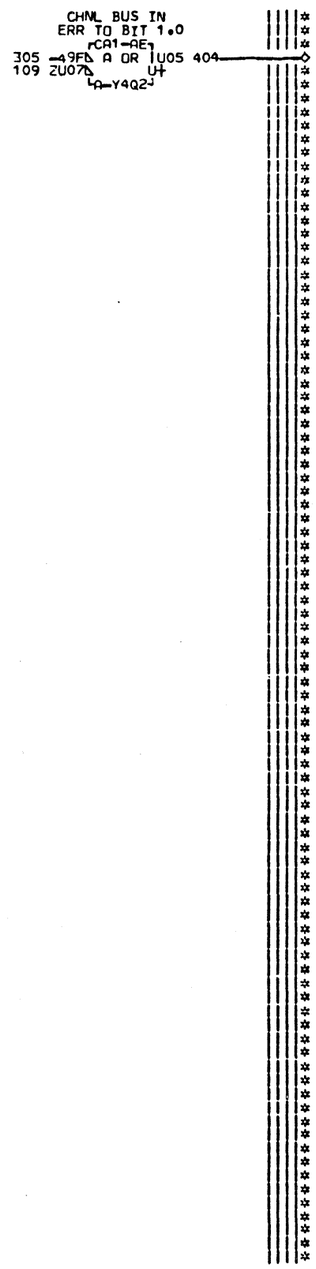
RC706
081 SIM TO PN 1785161 EC 3C9949











303 + CHNL BUS IN ERROR TO ERR DET—CC2
└RA102

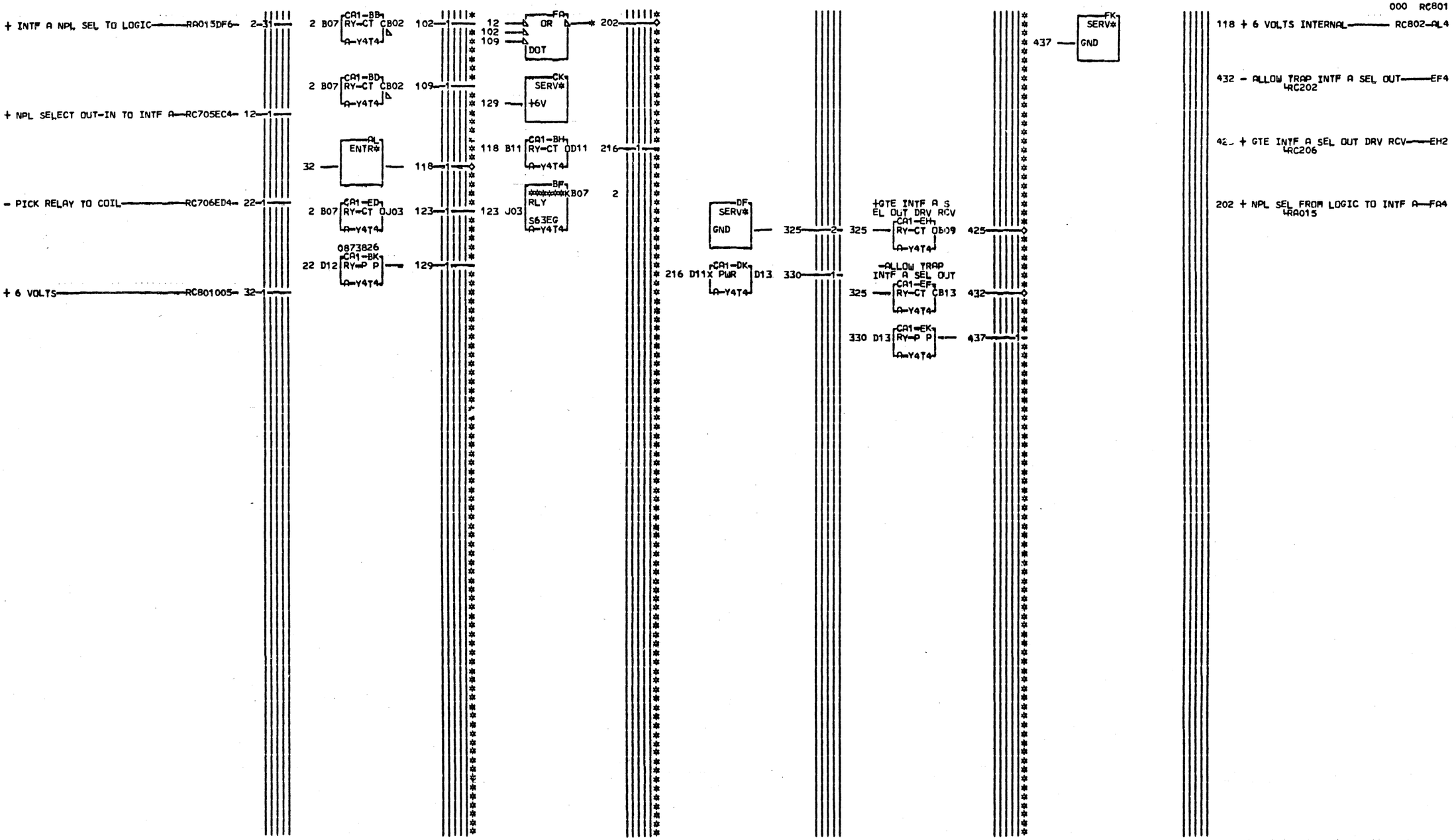
404 + CHNL BUS IN ERR TO BIT 1.0——DD2
└RA105

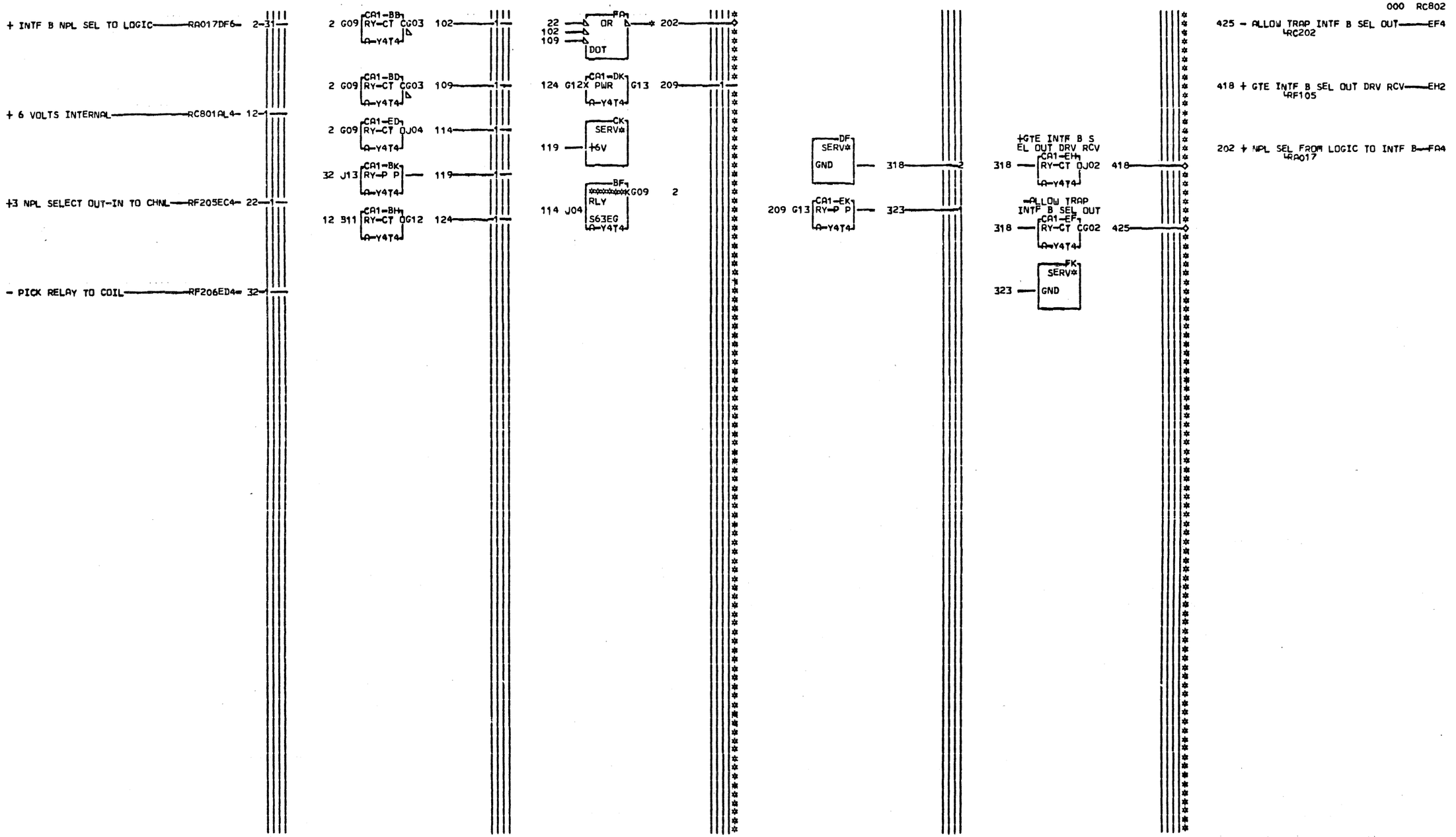
117 + DIAG PWR ON OR RESET SW RES—DK6
└RC103 └RC205 └RF103

218 + DIAG CCU OR CHNL RESET———EM6
◇RC206 └RC402 └RC403 └RC405
◇RC406 └RC503 └RC505 └RC601
└RC602

LOC. TYPE
A-Y4Q2 6836

BUS IN ERROR LATCH AND
RESET GENERATION
—E.C.-HISTORY—B MACH.27RNB
309522C
309541
309545
DATE LAST EC
12-27-72 309949
FRAME 01
IBM CORP.SDD RC707
P.N. 1785162 000


+ INTF A NPL SEL TO LOGIC —— RA015DF6 — 2
+ NPL SELECT OUT-IN TO INTF A — RC705EC4 — 12
- PICK RELAY TO COIL —— RC706ED4 — 22
+ 6 VOLTS —— RC801005 — 32
2 B07 CA1-BB RY-CT CB02 A-Y4T4 — 102
2 B07 CA1-BD RY-CT CB02 A-Y4T4 — 109
32 — AL ENTR* — 118
2 B07 CA1-ED RY-CT 0J03 A-Y4T4 — 123 J03
22 D12 0873826 CA1-BK RY-P P A-Y4T4 — 129
12 102 109 — FA OR DOT — 202
129 — CK SERV* +6V
118 B11 CA1-BH RY-CT 0D11 A-Y4T4 — 216
BF ******** B07 RLY S63EG A-Y4T4 — 2
DF SERV* GND — 325
216 D11X PWR CA1-DK D13 A-Y4T4 — 330
+GTE INTF A SEL OUT DRV RCV CA1-EH RY-CT 0B09 A-Y4T4 — 425
-ALLOW TRAP INTF A SEL OUT CA1-EF RY-CT CB13 A-Y4T4 — 432
330 D13 CA1-EK RY-P P A-Y4T4 — 437
437 — FK SERV* GND
000 RC801
118 + 6 VOLTS INTERNAL —— RC802-AL4
432 - ALLOW TRAP INTF A SEL OUT —— EF4 LRC202
42_ + GTE INTF A SEL OUT DRV RCV —— EH2 LRC206
202 + NPL SEL FROM LOGIC TO INTF A — FA4 LRA015
EDGE CONN. 202 A-Y4V4D09 01 T-A1A3D09
LOC. TYPE A-Y4T4 N869
INTF A SELECT OUT RELAYS
—E.C.-HISTORY— —B. MACH.27RNB
309522C
309541
309545
309548
DATE LAST EC 09-20-72 309944
FRAME 01
IBM CORP. SDD
P.N. 1785163
RC801
000
RC801
000



RC802
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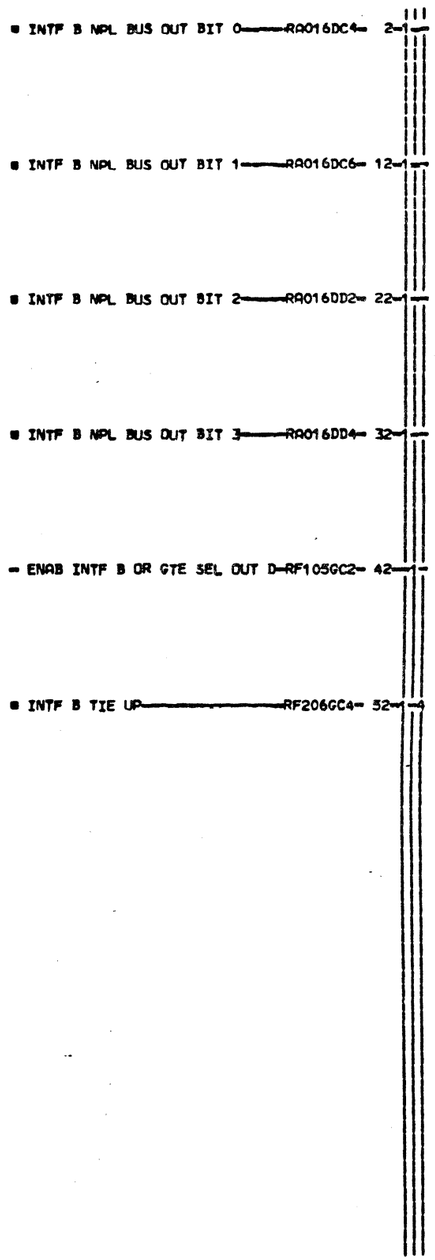
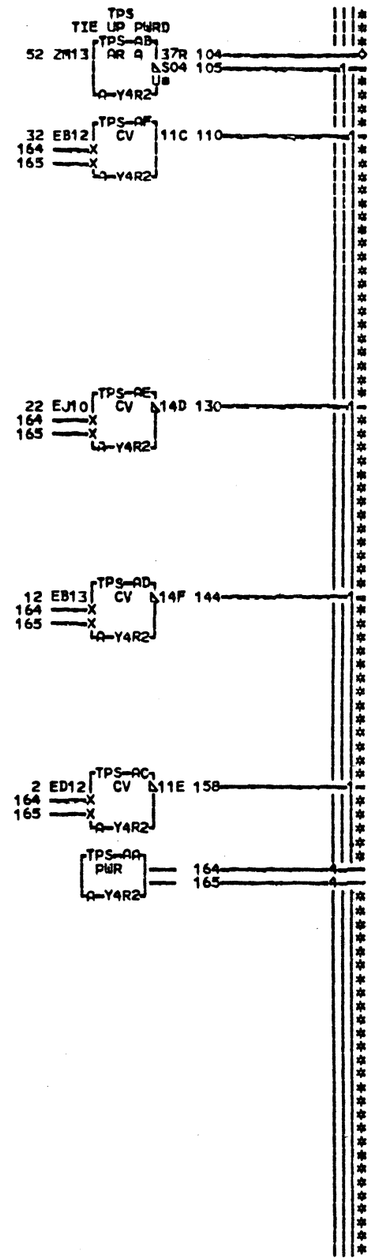
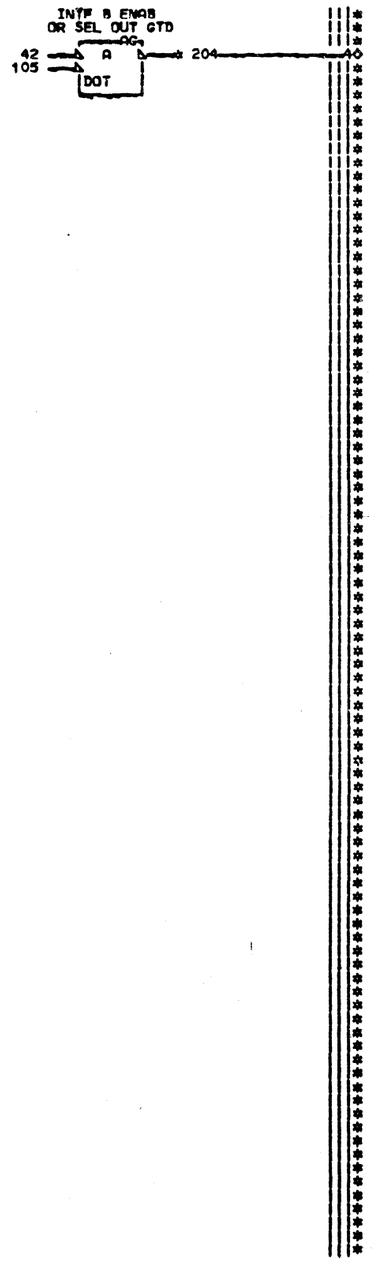
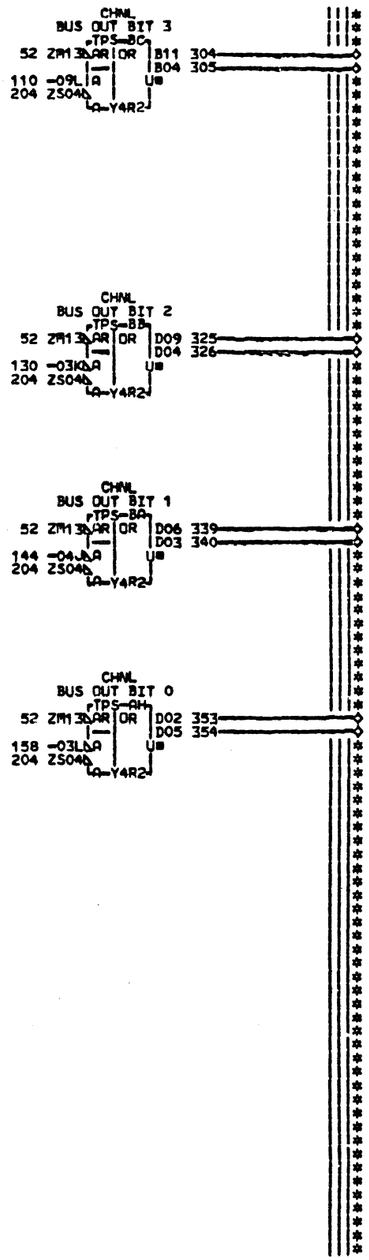
INTF B SELECT OUT RELAYS

E.C.-HISTORY-B	MACH.27RNB	
309522C		
309541	FRAME 01	
309545		
309548	IBM CORP.SDD	RC802
DATE LAST EC	P.N. 1785164	000
09-20-72 309944		









104 ■ TPS TIE UP PWRD——BA6
↳RF102 ↳RF103 ↳RF104

204 – INTF B ENAB OR SEL OUT GTD——CB4
↳RF102 ↳RF103 ↳RF104 ↳RF205

353 ■ CHNL BUS OUT BIT 0—— RF106–DC2

339 ■ CHNL BUS OUT BIT 1—— RF106–DF2

325 ■ CHNL BUS OUT BIT 2—— RF106–DJ2

304 ■ CHNL BUS OUT BIT 3—— RF106–DM2

354 ■ INTF B CHNL BUS OUT BIT 0——FD2
↳RC102

340 ■ INTF B CHNL BUS OUT BIT 1——FG2
↳RC102

326 ■ INTF B CHNL BUS OUT BIT 2——FK2
↳RC102

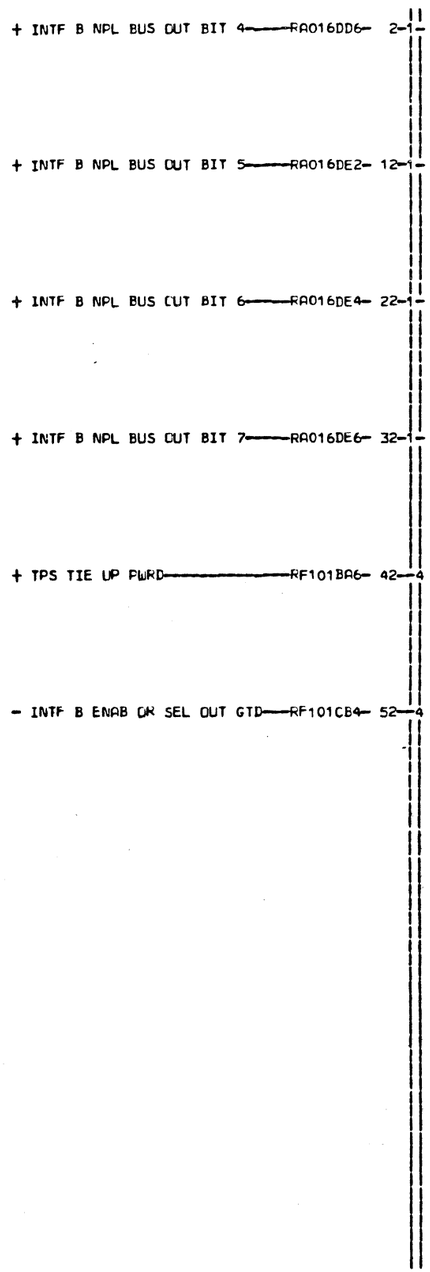
305 ■ INTF B CHNL BUS OUT BIT 3——FN2
↳RC102

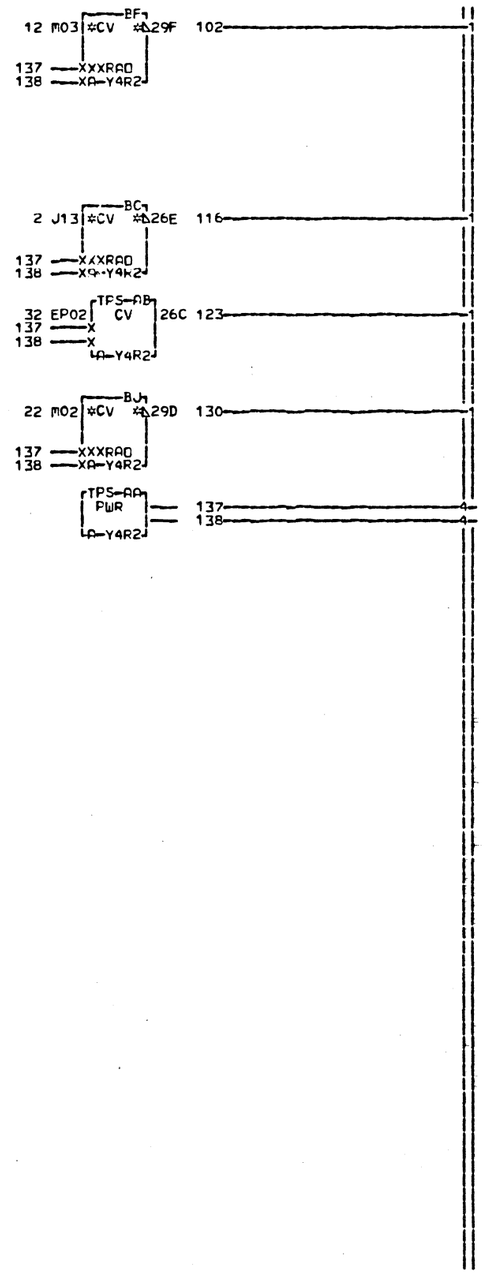
EDGE CONN.
204 RESISTOR
A–Y4R2S04

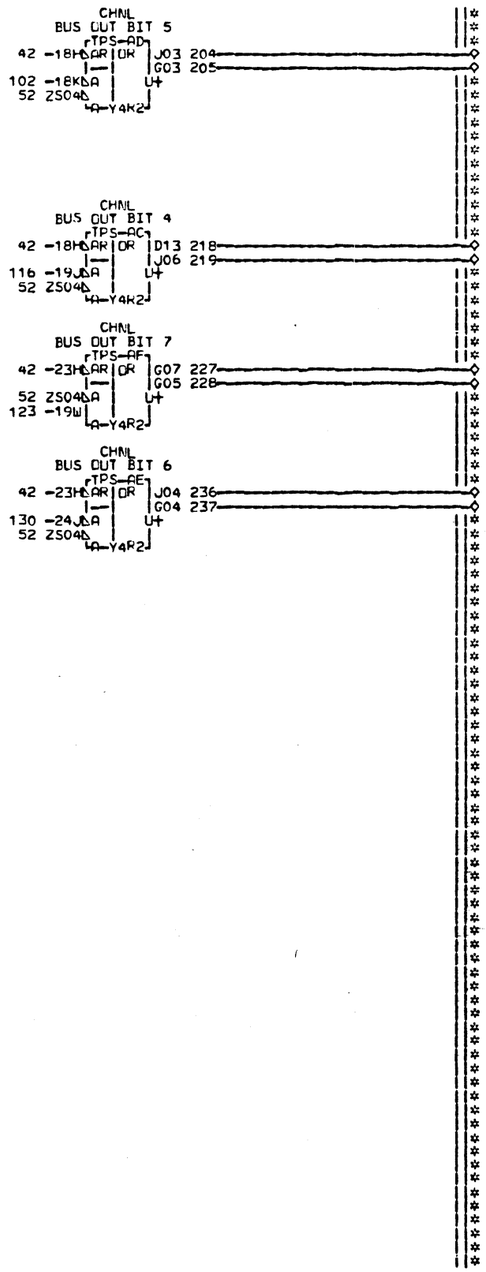
LOC. TYPE
A–Y4R2 6837

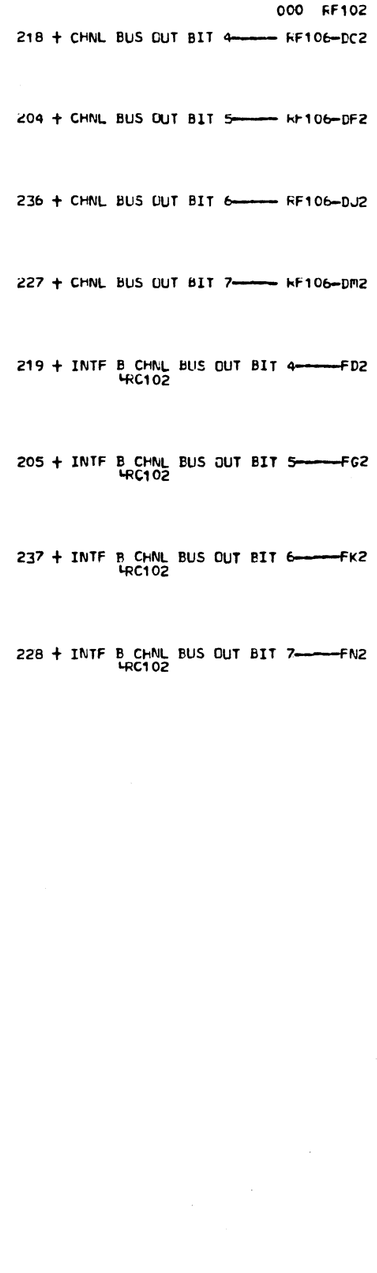
CHANNEL RECEIVERS AND
DIAGNOSTIC REGISTER

E.C.–HISTORY–B	MACH.27RNB	
309522C		
309541	FRAME 01	
309545		
	IBM CORP.SDD	RF101
DATE LAST EC	P.No 1785165	000
05–26–72 309548		



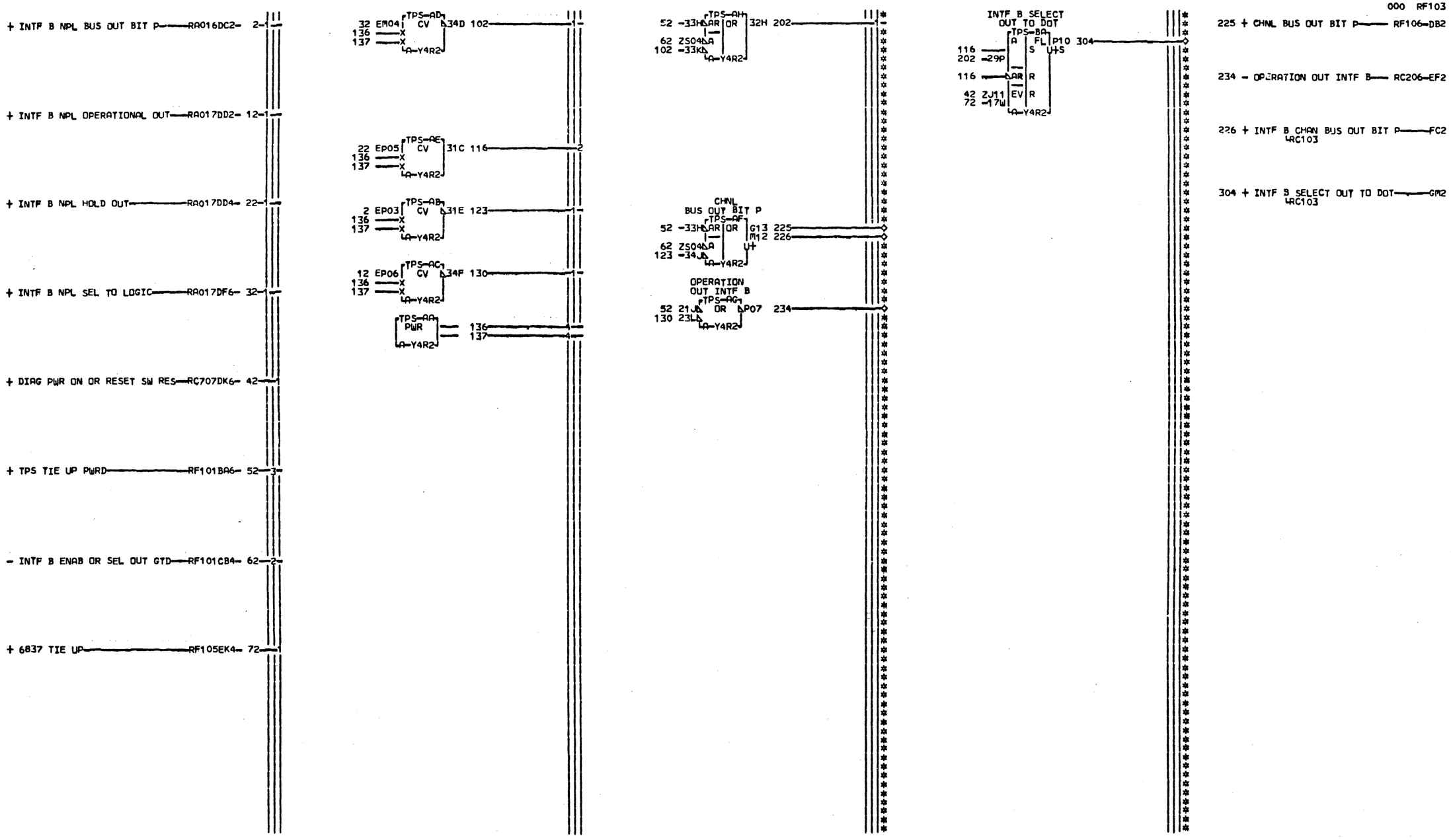






LCC. TYPE
A-Y4R2 6837

CHANNEL RECEIVERS AND
DIAGNOSTIC REGISTER
E.C.-HISTORY B PACH.27RNB
309522C
309541
FRAME 01
IBM CORP.SDD RF102
DATE LAST EC
04-24-72 309545 P.N. 1785166 000


+ INTF B NPL BUS OUT BIT P RA016DC2 2
+ INTF B NPL OPERATIONAL OUT RA017DD2 12
+ INTF B NPL HOLD OUT RA017DD4 22
+ INTF B NPL SEL TO LOGIC RA017DF6 32
+ DIAG PWR ON OR RESET SW RES RC707DK6 42
+ TPS TIE UP PWRD RF101BA6 52
- INTF B ENAB OR SEL OUT GTD RF101CB4 62
+ 6837 TIE UP RF105EK4 72
TPS-AD EM04 CV 34D 102
TPS-AE EP05 CV 31C 116
TPS-AB EP03 CV 31E 123
TPS-AC EP06 CV 34F 130
TPS-AA PWR 136 137
TPS-AH 52 -33H AR OR 32H 202
62 ZS04 A
102 -33K
TPS-AF
CHNL BUS OUT BIT P
52 -33H AR OR G13 225
M12 226
62 ZS04 A
123 -34J
TPS-AG
OPERATION OUT INTF B
52 21J OR P07 234
130 23L
INTF B SELECT OUT TO DOT
TPS-BA
116 202 -29P
116 AR
42 ZJ11 EV
72 -17W
A FL P10 304
S
R
R
A-Y4R2
000 RF103
225 + CHNL BUS OUT BIT P RF106-DB2
234 - OPERATION OUT INTF B RC206-EF2
226 + INTF B CHAN BUS OUT BIT P FC2
RC103
304 + INTF B SELECT OUT TO DOT GM2
RC103
LOC. TYPE
A-Y4R2 6837
RF103
000
CHANNEL RECEIVERS AND
DIAGNOSTIC REGISTER
E.C. HISTORY
309522C
309541
309545
309548
DATE LAST EC
09-20-72 309944
B. MACH.27RNB
FRAME 01
IBM CORP. SDD
P.No. 1785167
RF103
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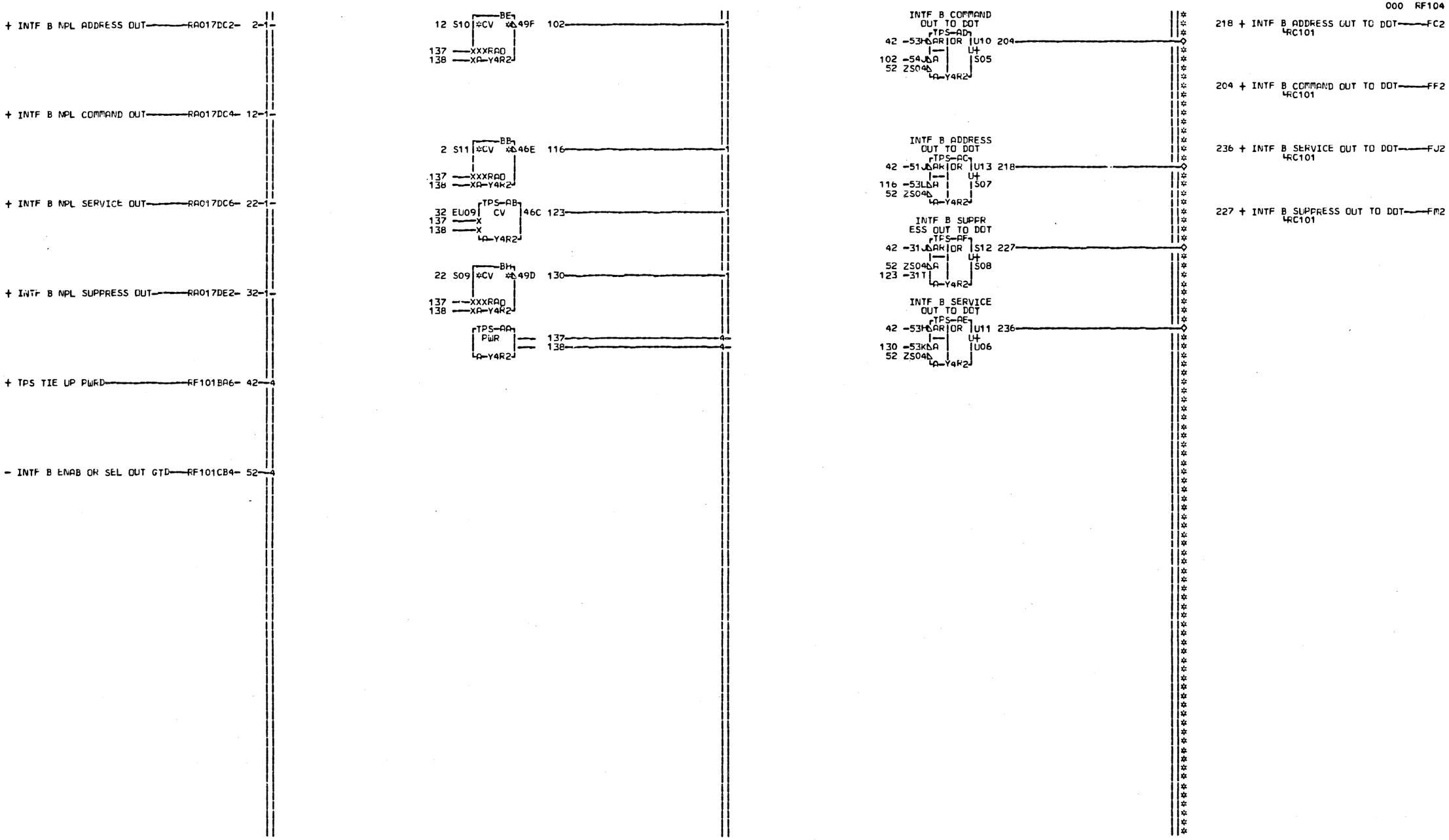
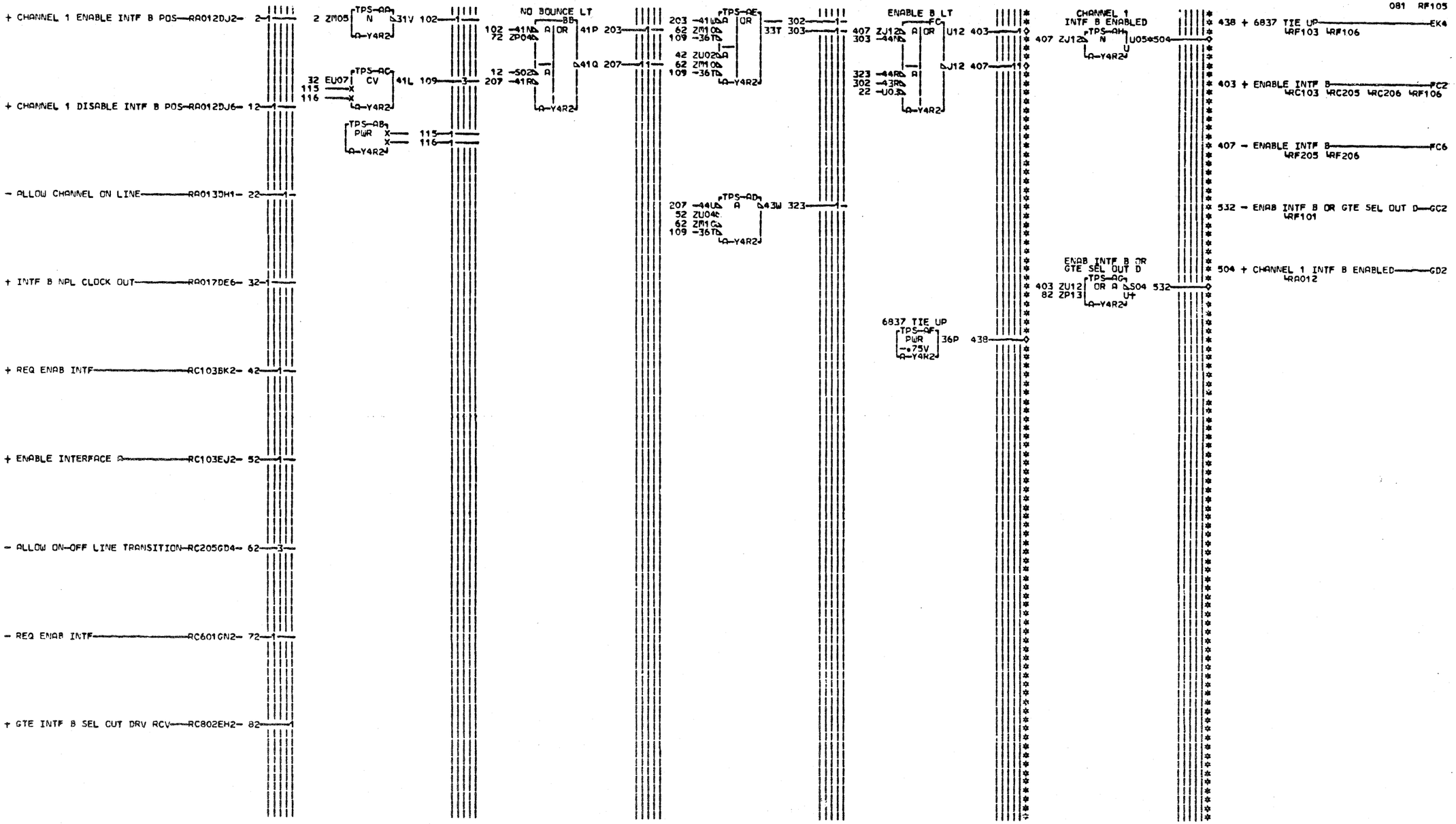


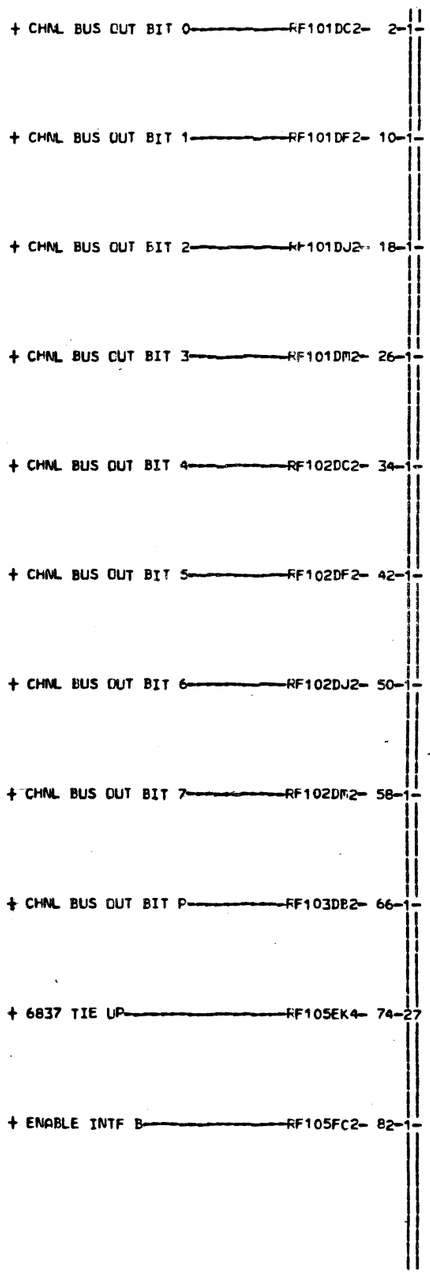
CHANNEL RECEIVERS AND DIAGNOSTIC REGISTERS
—E.C.-HISTORY— B MACH.27RNB
309522C
309541
FRAME 01
IBM CORP.SDD RF104
DATE LAST EC
04-24-72 309545
P.N. 1785168 000

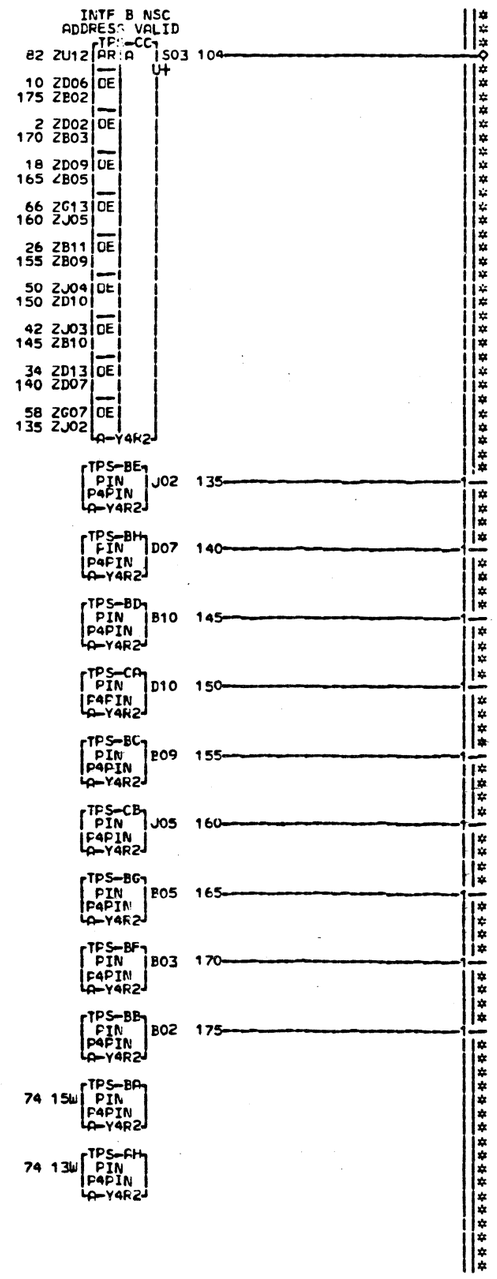


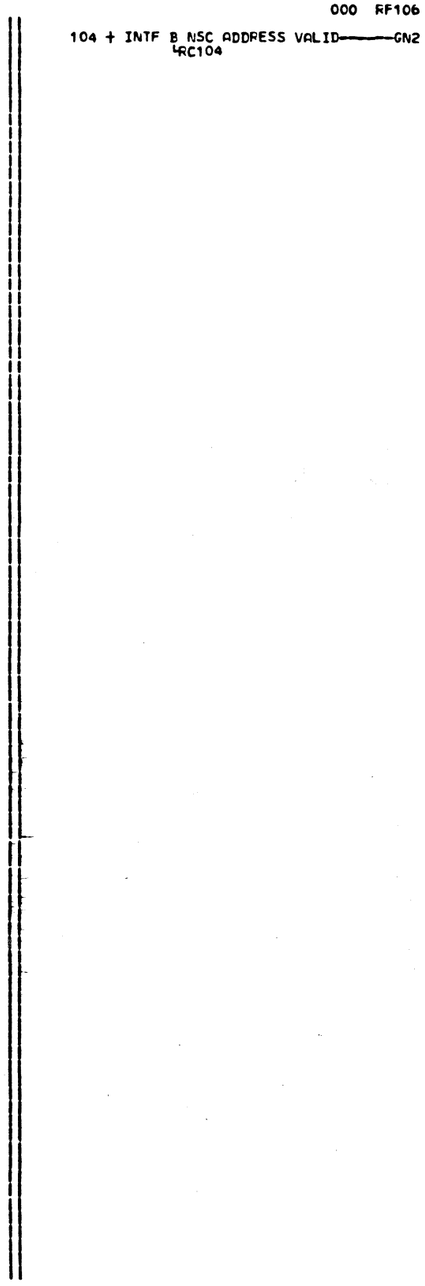
CHANNEL RECEIVERS AND DIAGNOSTIC REGISTER
E.C. HISTORY E MACH.27RNB

DATE	LAST EC			
10-14-80	344270	FRAME 01	IBM CORP.SCD	RF105
		P.N. 1986993		081

RF105
081 SIM TO PN 1785169 EC 309949







LOC. TYPE
F-Y4R2 6837

CHANNEL RECEIVERS AND DIAGNOSTIC REG
E.C.-HISTORY B
309522C
309541

DATE LAST EC
04-24-72 309545

PACH.27RNB
FRAME 01
IBM CORP.SDD
P.N. 1785170

RF106
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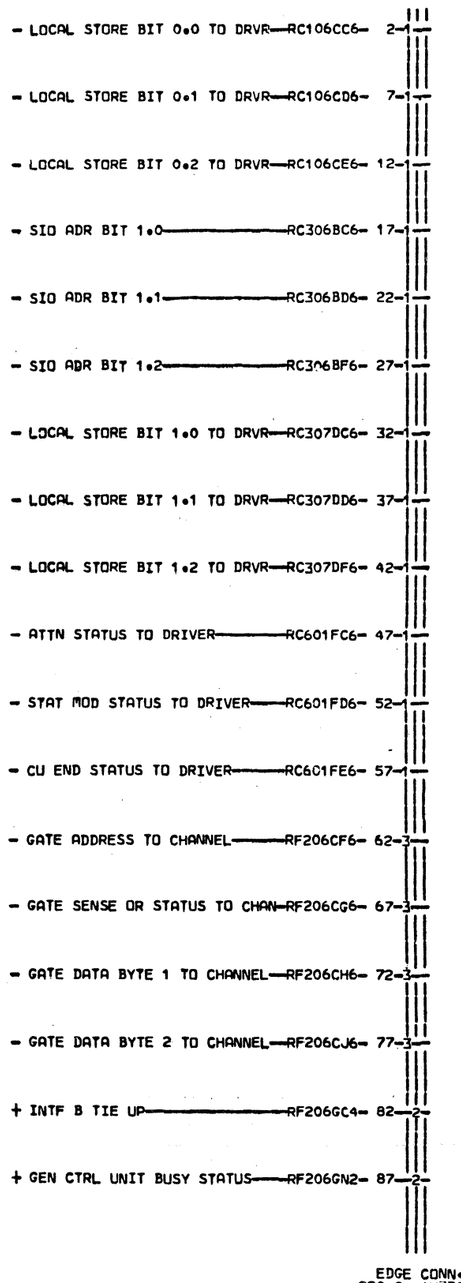
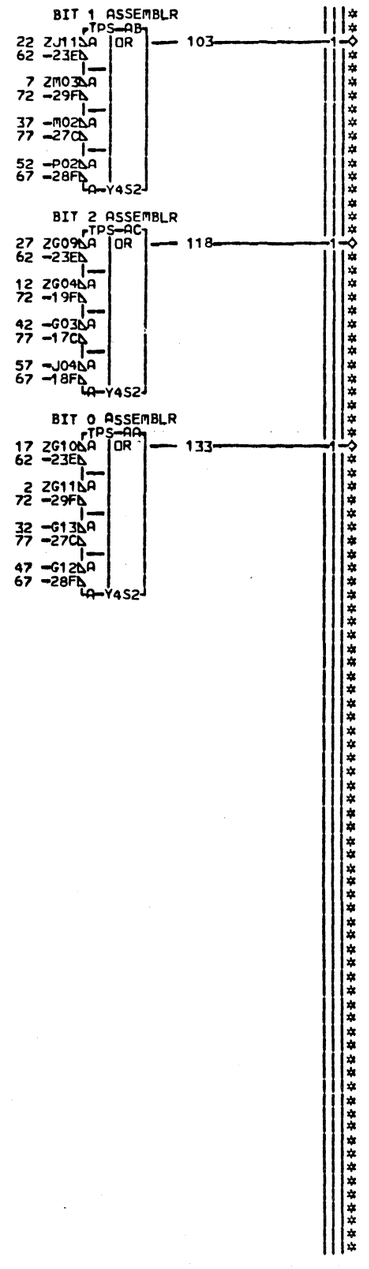
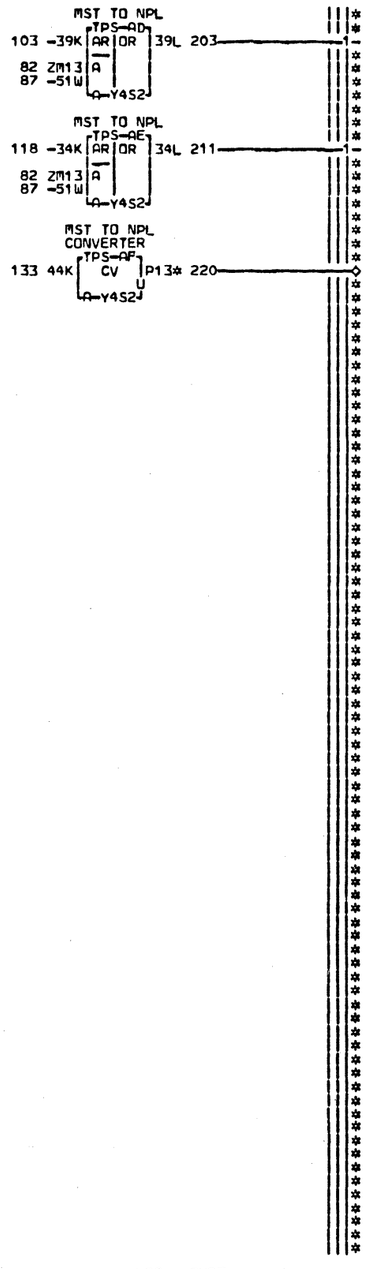
RF106
000

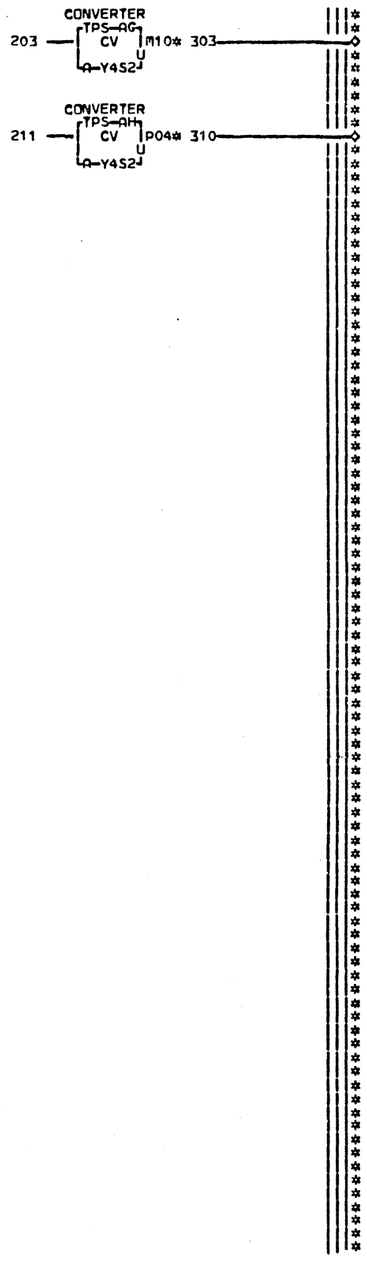


EDGE CONN.
220 A-Y4U3D05
303 A-Y4U3B05
310 A-Y4U3D06





LOC. TYPE
A-Y4S2 6836



000 RF201

133 + BUS IN BIT 0 ASSEMBLED— RF203-BB4

103 + BUS IN BIT 1 ASSEMBLED— RF203-BF4

118 + BUS IN BIT 2 ASSEMBLED— RF203-BK4

220 + NPL BIT 0 TO INTF B— RA016-EC4

303 + NPL BIT 1 TO INTF B— RA016-EG4

310 + NPL BIT 2 TO INTF B— RA016-EL4

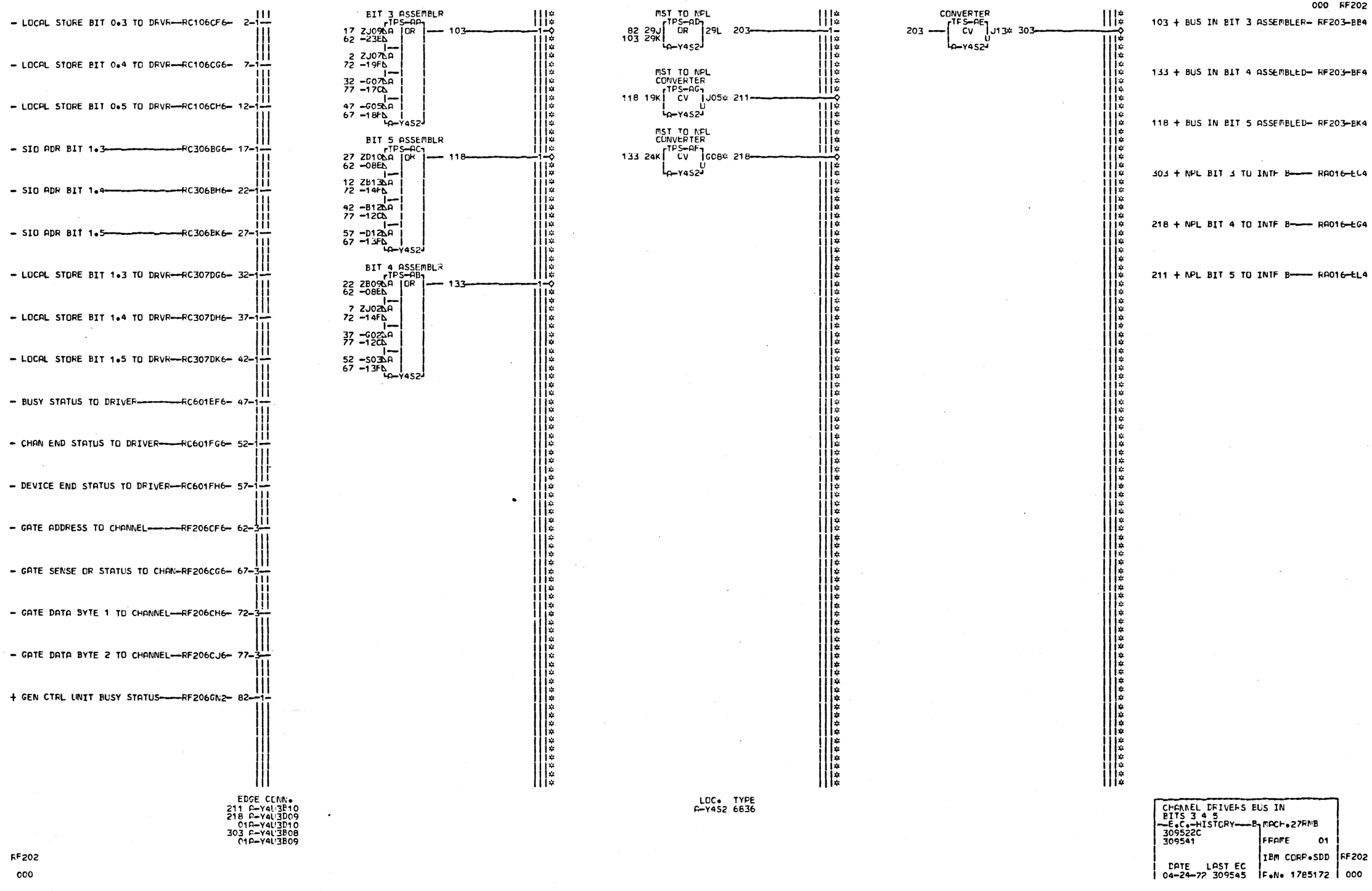
CHANNEL DRIVERS BUS IN
BITS 0 1 2
—E.C.—HISTORY—B—

309522C
309541
309545

DATE LAST EC
06-16-72 309533

MACH.27RNB
FRAME 01
IBM CORP.SDD RF201
P.N. 1785171 000

RF201
000


- LOCAL STORE BIT 0.3 TO DRVR—RC106CF6- 2
- LOCAL STORE BIT 0.4 TO DRVR—RC106CG6- 7
- LOCAL STORE BIT 0.5 TO DRVR—RC106CH6- 12
- SIO ADR BIT 1.3—RC306BG6- 17
- SIO ADR BIT 1.4—RC306BH6- 22
- SIO ADR BIT 1.5—RC306BK6- 27
- LOCAL STORE BIT 1.3 TO DRVR—RC307DG6- 32
- LOCAL STORE BIT 1.4 TO DRVR—RC307DH6- 37
- LOCAL STORE BIT 1.5 TO DRVR—RC307DK6- 42
- BUSY STATUS TO DRIVER—RC601EF6- 47
- CHAN END STATUS TO DRIVER—RC601FG6- 52
- DEVICE END STATUS TO DRIVER—RC601FH6- 57
- GATE ADDRESS TO CHANNEL—RF206CF6- 62
- GATE SENSE OR STATUS TO CHAN—RF206CG6- 67
- GATE DATA BYTE 1 TO CHANNEL—RF206CH6- 72
- GATE DATA BYTE 2 TO CHANNEL—RF206CJ6- 77
+ GEN CTRL UNIT BUSY STATUS—RF206GN2- 82
BIT 3 ASSEMBLR
TPS-AA
OR
103
BIT 5 ASSEMBLR
TPS-AC
OR
118
BIT 4 ASSEMBLR
TPS-AB
OR
133
MST TO NPL
TPS-AD
OR
29L
203
MST TO NPL CONVERTER
TPS-AG
CV
U
J05* 211
MST TO NPL CONVERTER
TPS-AF
CV
U
GC8* 218
CONVERTER
TPS-AE
CV
U
J13* 303
A-Y4S2
000 RF202
103 + BUS IN BIT 3 ASSEMBLER— RF203-BB4
133 + BUS IN BIT 4 ASSEMBLED— RF203-BF4
118 + BUS IN BIT 5 ASSEMBLED— RF203-BK4
303 + NPL BIT 3 TO INTF B— RA016-EC4
218 + NPL BIT 4 TO INTF B— RA016-EG4
211 + NPL BIT 5 TO INTF B— RA016-EL4
EDGE CONN.
211 A-Y4L3B10
218 A-Y4L3D09
01A-Y4L3D10
303 A-Y4L3B08
01A-Y4L3B09
LOC. TYPE
A-Y4S2 6836
RF202
000
CHANNEL DRIVERS BUS IN
BITS 3 4 5
—E.C.-HISTORY—B MACH.27RMB
309522C
309541
FRAME 01
IBM CORP.SDD
RF202
DATE LAST EC
04-24-72 309545
F.N. 1785172
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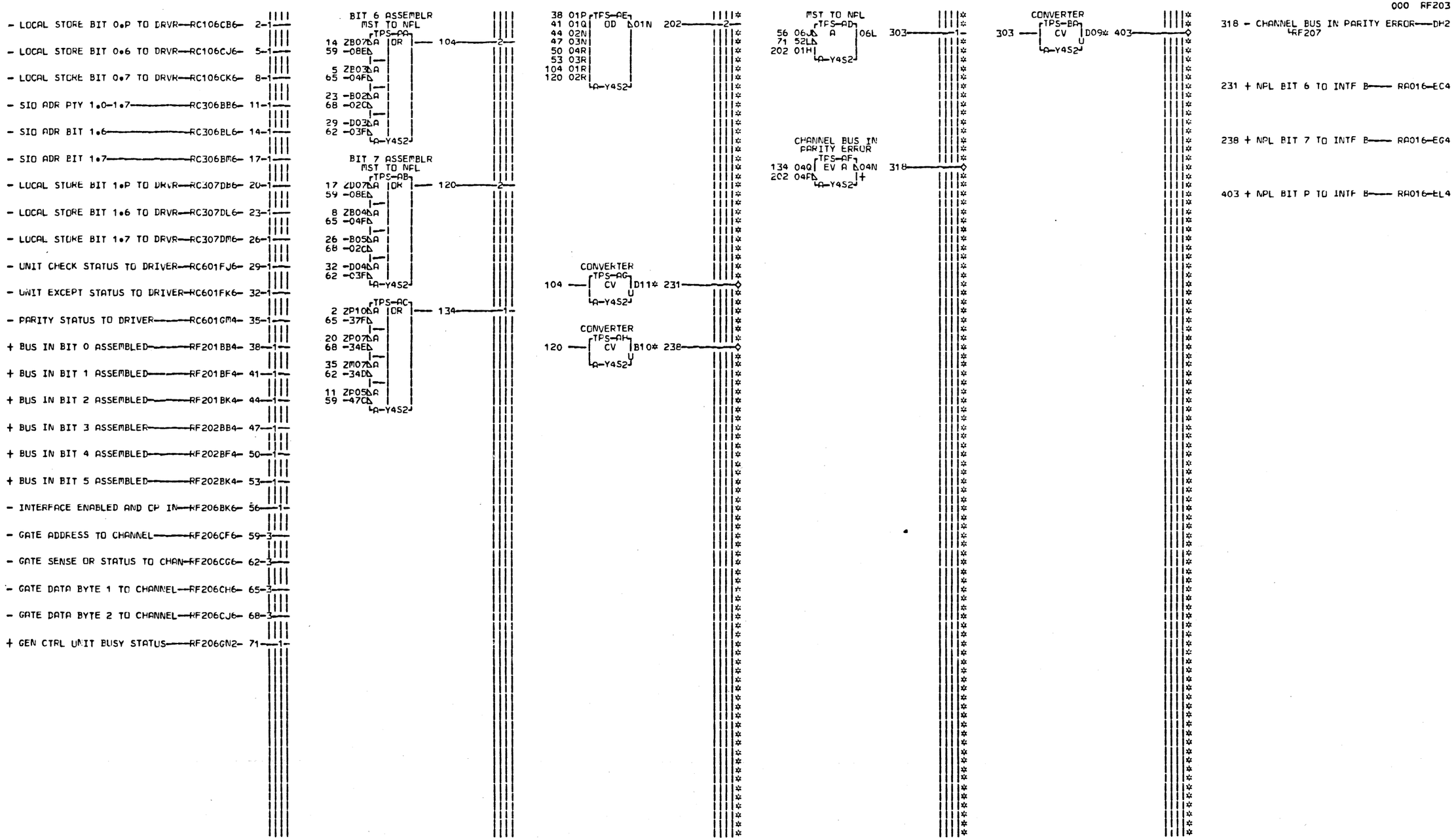
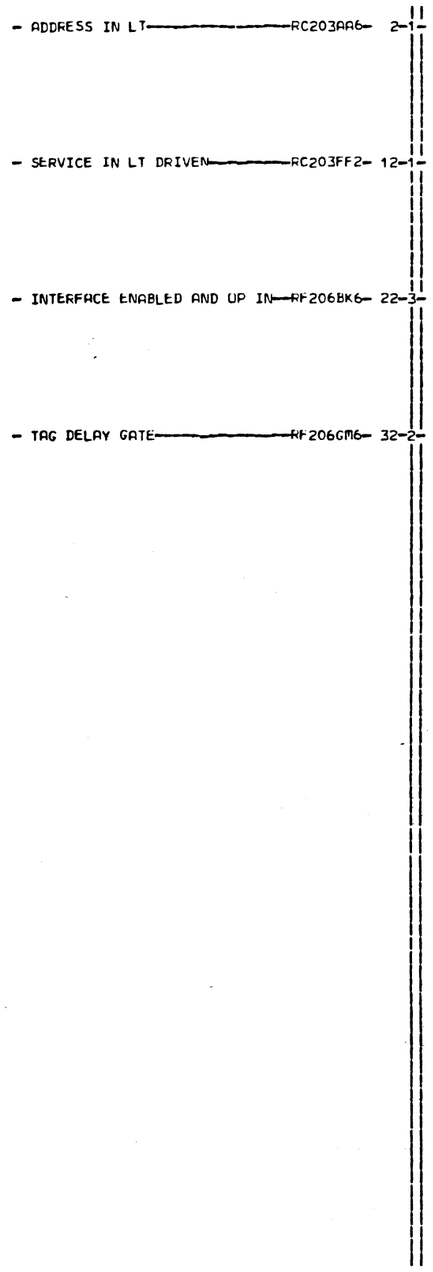
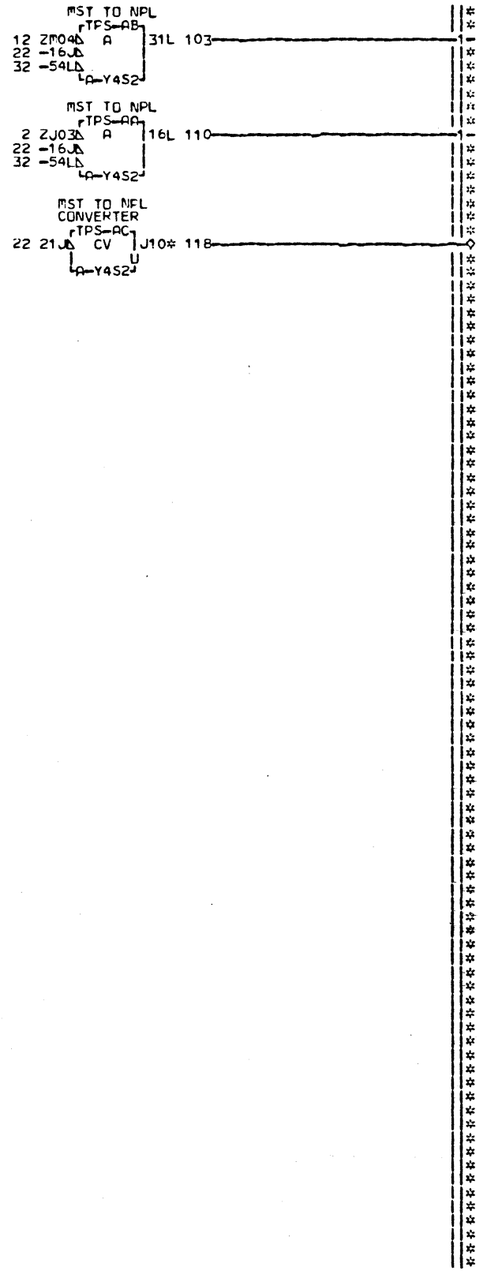
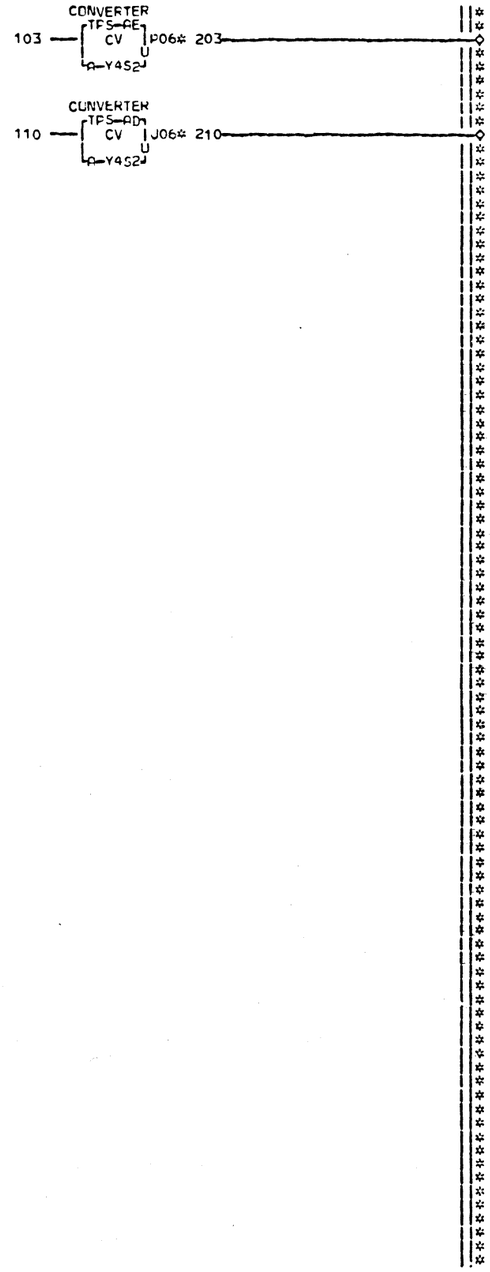

- LOCAL STORE BIT 0.P TO DRVR—RC106CB6— 2-1
- LOCAL STORE BIT 0.6 TO DRVR—RC106CJ6— 5-1
- LOCAL STORE BIT 0.7 TO DRVR—RC106CK6— 8-1
- SIO ADR PTY 1.0-1.7—RC306BB6— 11-1
- SIO ADR BIT 1.6—RC306BL6— 14-1
- SIO ADR BIT 1.7—RC306BM6— 17-1
- LOCAL STORE BIT 1.P TO DRVR—RC307DB6— 20-1
- LOCAL STORE BIT 1.6 TO DRVR—RC307DL6— 23-1
- LOCAL STORE BIT 1.7 TO DRVR—RC307DM6— 26-1
- UNIT CHECK STATUS TO DRIVER—RC601FJ6— 29-1
- UNIT EXCEPT STATUS TO DRIVER—RC601FK6— 32-1
- PARITY STATUS TO DRIVER—RC601GM4— 35-1
+ BUS IN BIT 0 ASSEMBLED—RF201BB4— 38-1
+ BUS IN BIT 1 ASSEMBLED—RF201BF4— 41-1
+ BUS IN BIT 2 ASSEMBLED—RF201BK4— 44-1
+ BUS IN BIT 3 ASSEMBLER—RF202BB4— 47-1
+ BUS IN BIT 4 ASSEMBLED—RF202BF4— 50-1
+ BUS IN BIT 5 ASSEMBLED—RF202BK4— 53-1
- INTERFACE ENABLED AND CP IN—RF206BK6— 56-1
- GATE ADDRESS TO CHANNEL—RF206CF6— 59-3
- GATE SENSE OR STATUS TO CHAN—RF206CG6— 62-3
- GATE DATA BYTE 1 TO CHANNEL—RF206CH6— 65-3
- GATE DATA BYTE 2 TO CHANNEL—RF206CJ6— 68-3
+ GEN CTRL UNIT BUSY STATUS—RF206GN2— 71-1
BIT 6 ASSEMBLR
MST TO NFL
TPS-AA
14 ZB07 A OR 104 2
59 -08E
5 ZB03 A
65 -04F
23 -B02 A
68 -02C
29 -D03 A
62 -03F
A-Y4S2
BIT 7 ASSEMBLR
MST TO NFL
TPS-AB
17 ZD07 A OR 120 2
59 -08E
8 ZB04 A
65 -04F
26 -B05 A
68 -02C
32 -D04 A
62 -03F
A-Y4S2
TPS-AC
2 ZP10 A OR 134 1
65 -37F
20 ZP07 A
68 -34E
35 ZM07 A
62 -34D
11 ZP05 A
59 -47C
A-Y4S2
38 01P TPS-AE
41 01Q OD 01N 202 2
44 02N
47 03N
50 04R
53 03R
104 01R
120 02R
A-Y4S2
CONVERTER
TPS-AG
104 CV D11* 231
U
A-Y4S2
CONVERTER
TPS-AH
120 CV B10* 238
U
A-Y4S2
MST TO NFL
TPS-AD
56 06J A 06L 303 1
71 52L
202 01H
A-Y4S2
CHANNEL BUS IN
PARITY ERROR
TPS-AF
134 04Q EV A 04N 318
202 04F +
A-Y4S2
CONVERTER
TPS-BA
303 CV D09* 403
U
A-Y4S2
000 RF203
318 - CHANNEL BUS IN PARITY ERROR—DH2
RF207
231 + NPL BIT 6 TO INTF B— RA016-EC4
238 + NPL BIT 7 TO INTF B— RA016-EG4
403 + NPL BIT P TO INTF B— RA016-EL4
EDGE CONN.
231 A-Y4L3D11
238 A-Y4U3B12
403 A-Y4U3B02
LCC. TYPE
A-Y4S2 6E36
RF203
000
CHANNEL DRIVERS BUS IN
BITS 6 7 P
—E.C.—HISTORY— BY
309522C MACH.27RAB
309541 FRAME 01
IBM CORP.SDD RF203
DATE LAST EC
04-24-72 309545 P.N. 1785173 000







118 + NPL OP IN TO INTF B —— RA017-EC4

210 + NPL ADDRESS IN TO INTF B ——— EG4
4RA017

203 + NPL SERVICE IN TO INTF B ——— EL4
4RA017

EDGE CONN.
118 P-Y4U4B02
203 P-Y4U4D06
210 P-Y4U4B05

LOC. TYPE
P-Y4S2 6836

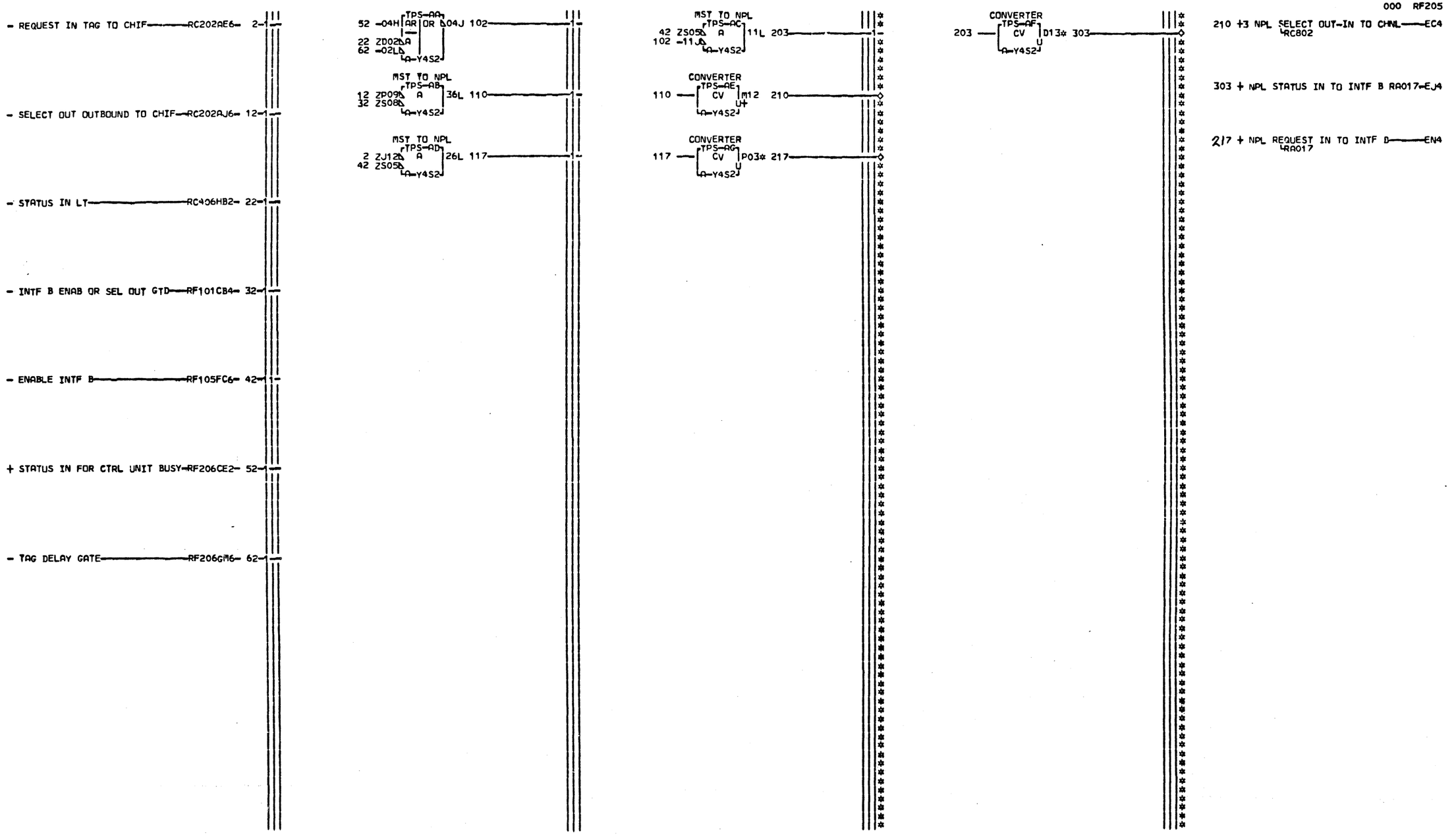
CHANNEL DRIVERS
CP IN ADDR IN AND SERVICE IN
—E.C.—HISTORY——B—MACH.27RMB
309522C
309541

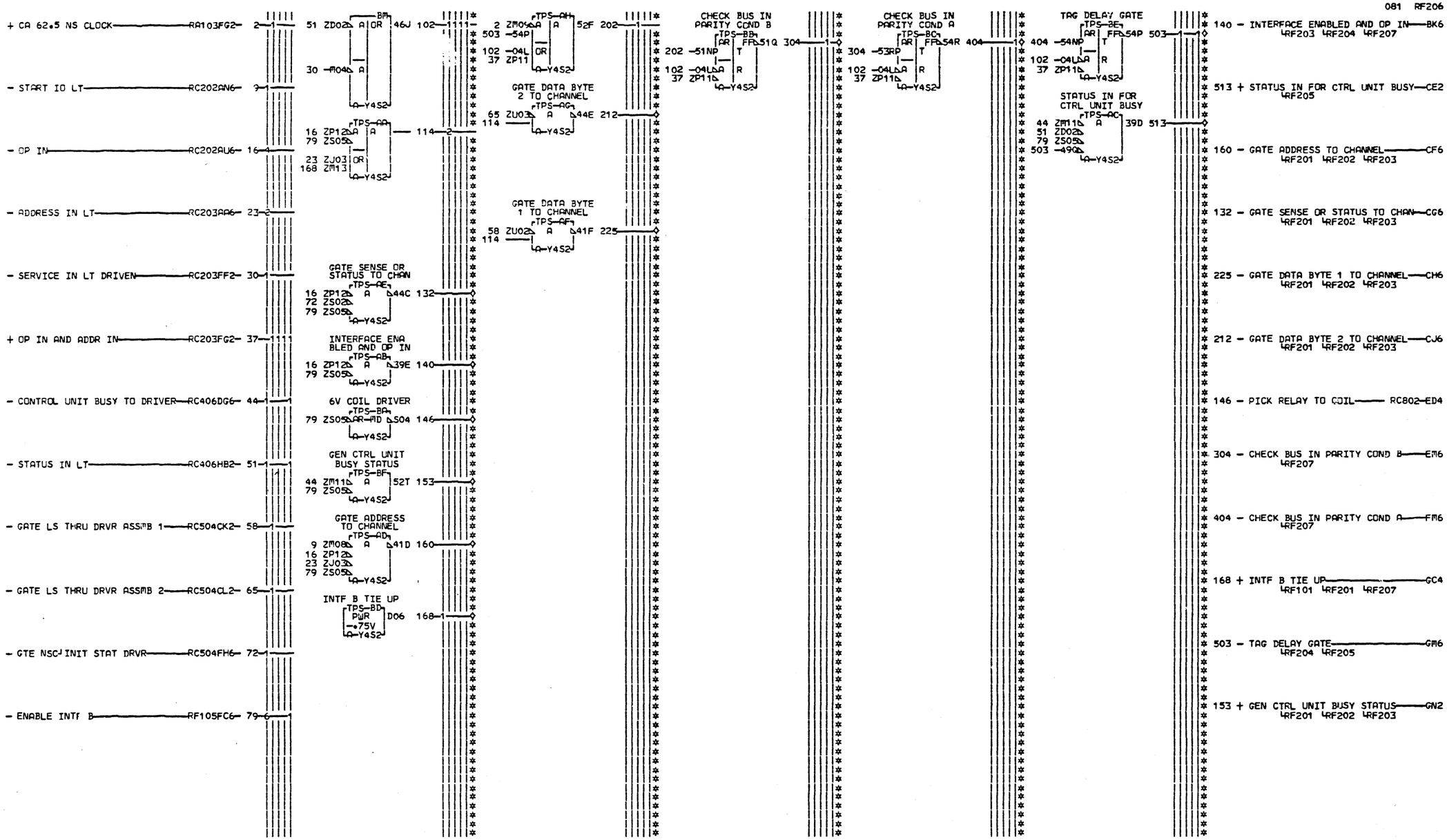
FRAME 01

IBM CORP.SDD | RF204

DATE LAST EC
04-24-72 309545

P.N. 1785174 | 000

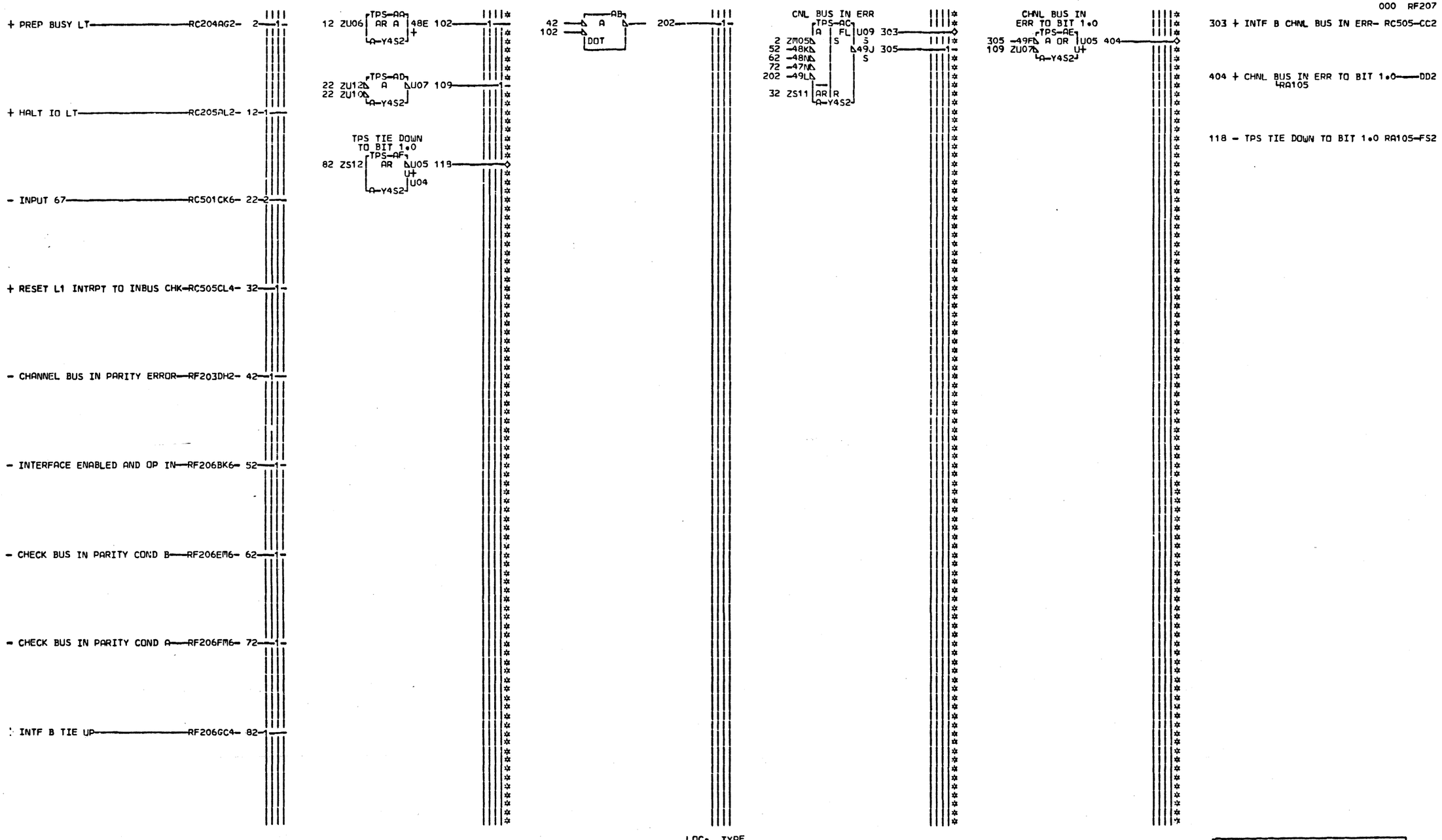

- REQUEST IN TAG TO CHIF RC202AE6 2
- SELECT OUT OUTBOUND TO CHIF RC202AJ6 12
- STATUS IN LT RC406HB2 22
- INTF B ENAB OR SEL OUT GTD RF101CB4 32
- ENABLE INTF B RF105FC6 42
+ STATUS IN FOR CTRL UNIT BUSY RF206CE2 52
- TAG DELAY GATE RF206GM6 62
52 -04H TPS-AA AR OR 04J 102
22 ZD02 A
62 -02LA A-Y4S2
MST TO NPL
12 ZP09 TPS-AB A 36L 110
32 ZS08 A-Y4S2
MST TO NPL
2 ZJ12 TPS-AD A 26L 117
42 ZS05 A-Y4S2
MST TO NPL
42 ZS05 TPS-AC A 11L 203
102 -11J A-Y4S2
CONVERTER
110 TPS-AE CV M12 210
A-Y4S2
CONVERTER
117 TPS-AG CV P03* 217
A-Y4S2
CONVERTER
203 TPS-AF CV D13* 303
A-Y4S2
000 RF205
210 +3 NPL SELECT OUT-IN TO CHNL EC4
RC802
303 + NPL STATUS IN TO INTF B RA017 EJ4
217 + NPL REQUEST IN TO INTF D EN4
RA017
EDGE CONN.
217 A-Y4U5D06
303 A-Y4U4D05
LOC. TYPE
A-Y4S2 6836
CHANNEL DRIVERS
SELECT IN REQ IN AND STATUS IN
E.C. HISTORY B. MACH.27RNB
309522C
309541
309545
DATE LAST EC
09-20-72 309944
FRAME 01
IBM CORP.SDD
P.No. 1785175
RF205
000
RF205
000



LOC. TYPE
A-Y4S2 6836

CHANNEL SELECT OUT RELAY DRIVR AND CONTROL GATING
E.C.-HISTORY — E-MACH.27RNB
FRAME 01
IBM CORP.SDD | RF206
DATE LAST EC | P.N. 4499505 | 081
04-14-81 344600

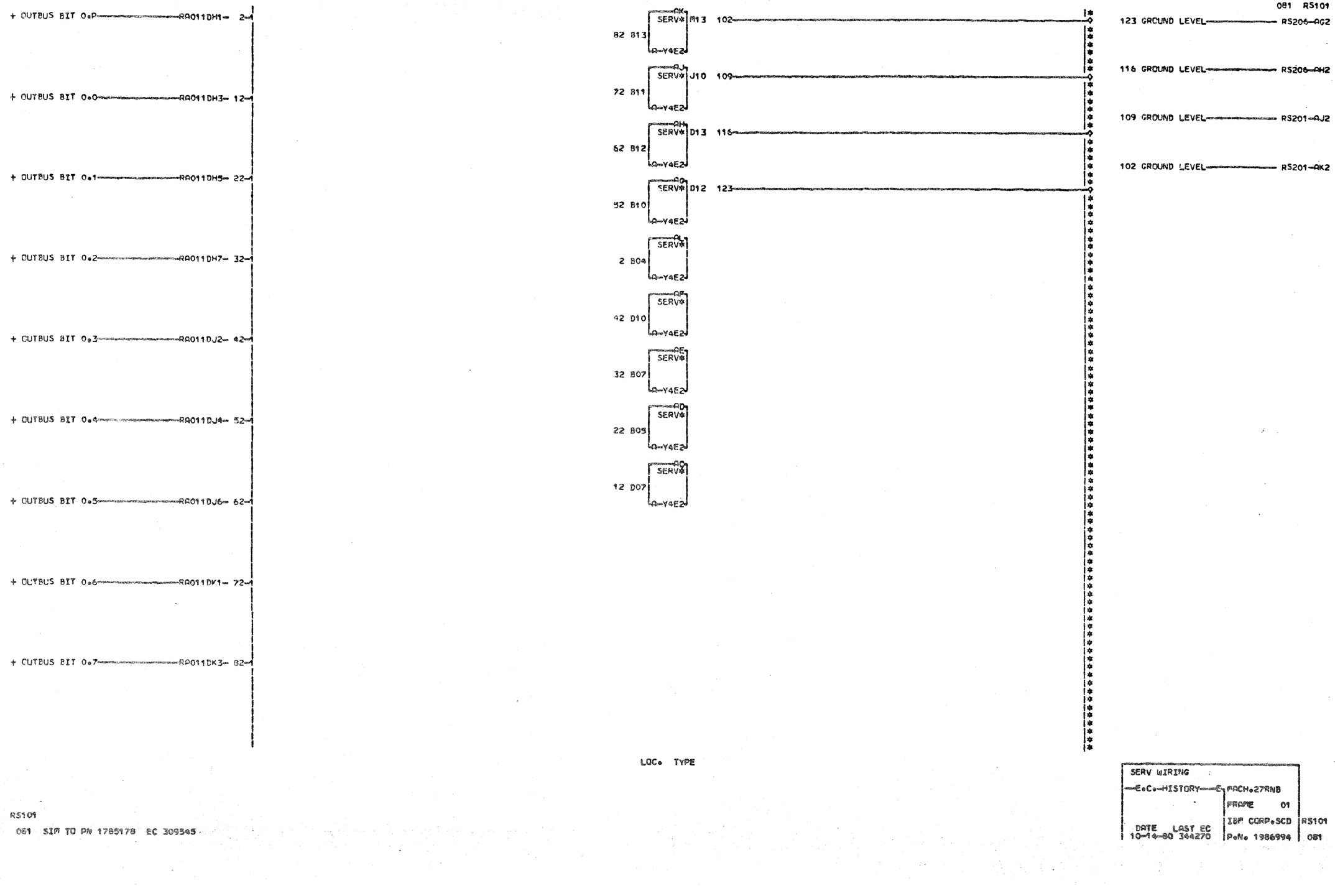
RF206
081 SIM TO PN 1785176 EC 309949



LOC. TYPE
A-Y4S2 6836

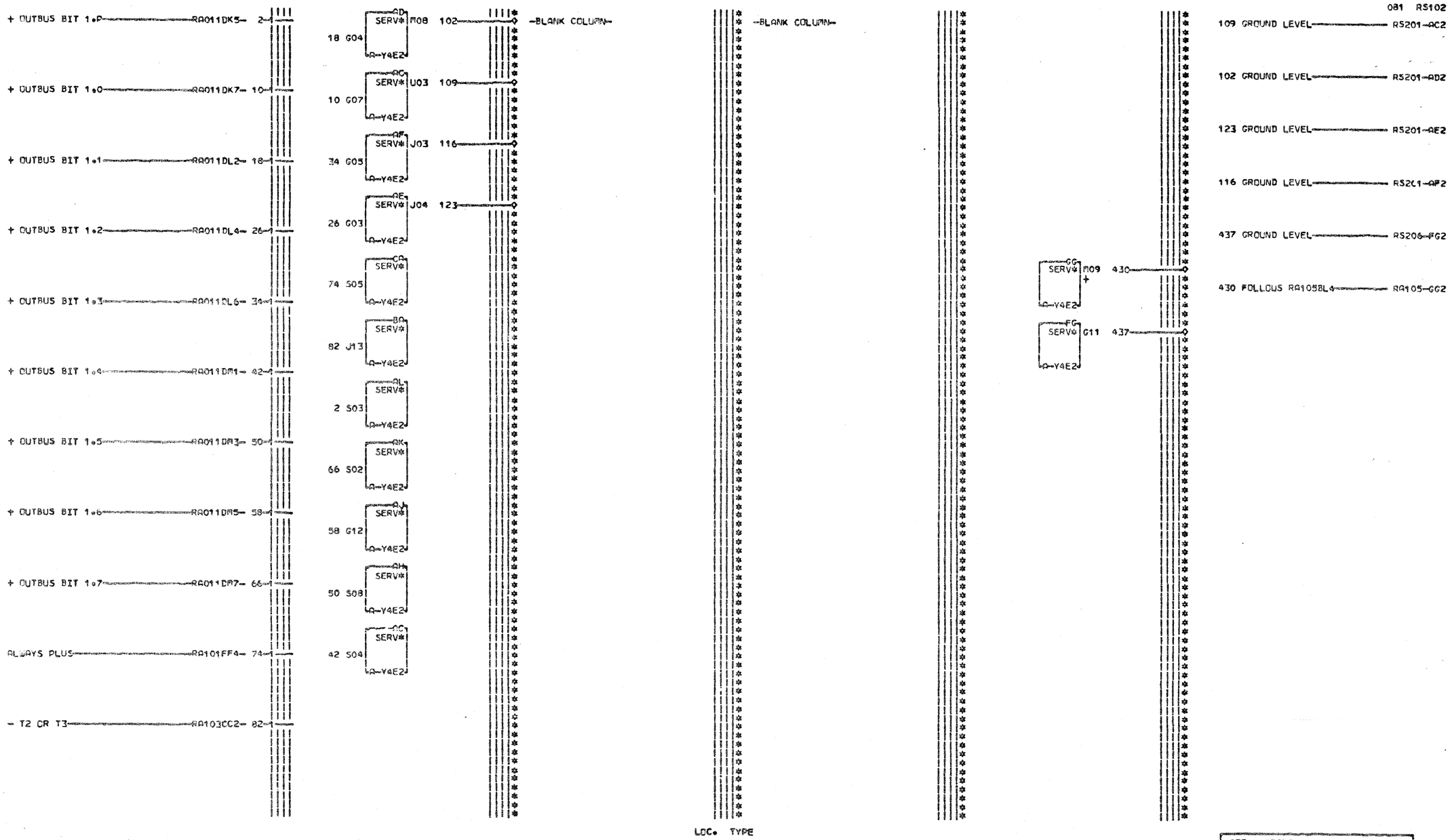
BUS IN ERROR LATCH AND RESET GENERATION

E.C. HISTORY	B	MACH.27RNB
309522C		
309541		FRAME 01
309545		
DATE LAST EC		IBM CORP.SDD RF207
06-19-72 309533		P.N. 1785177 000



RS109
081 SIM TO PN 1785178 EC 309545

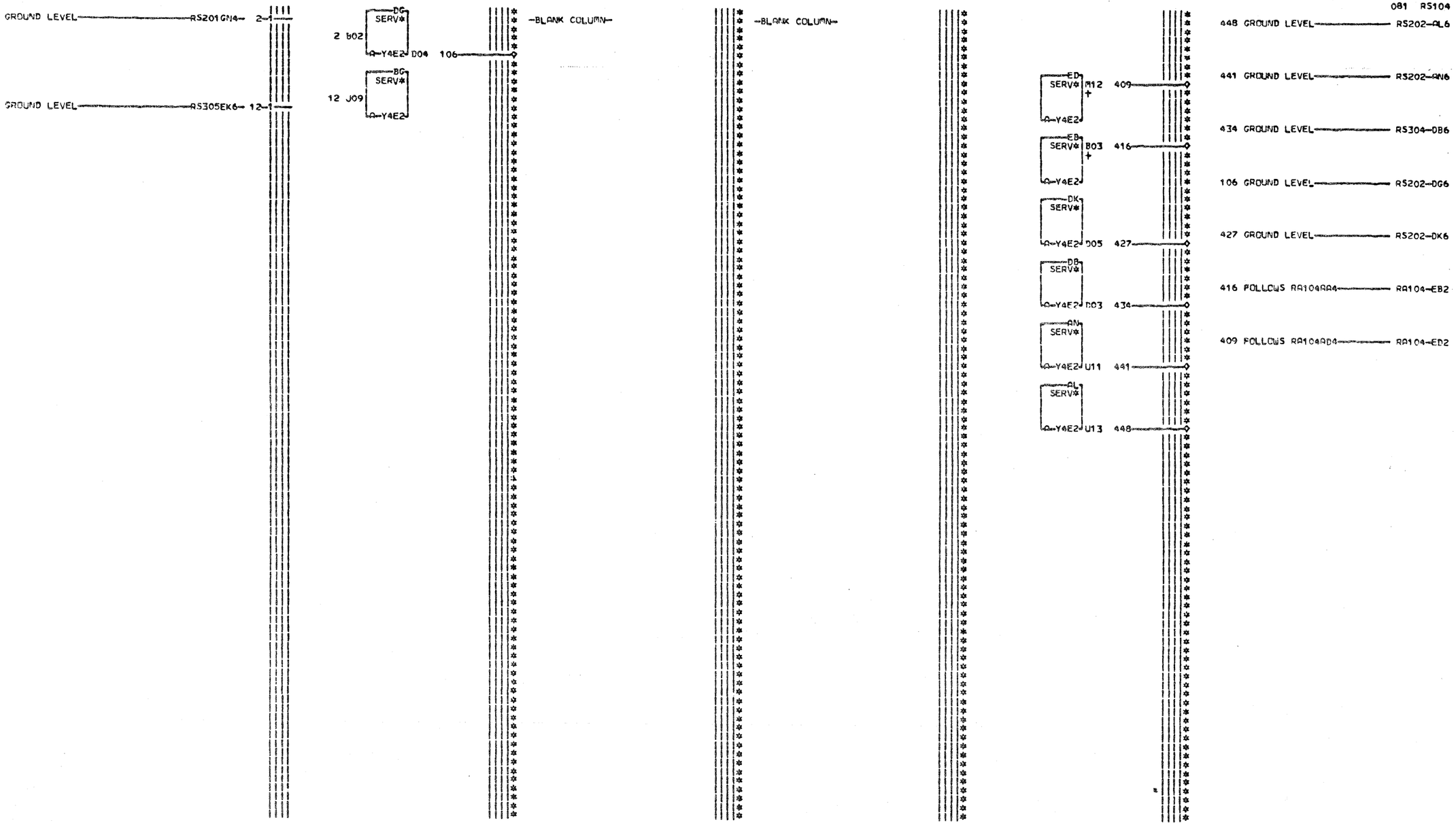
SERV WIRING
E.C. HISTORY
DATE LAST EC
10-14-80 304270
PAGE.27RNB
FRAME 01
IBM CORP.SCD
P.N. 1986994
RS101
081



LOC. TYPE

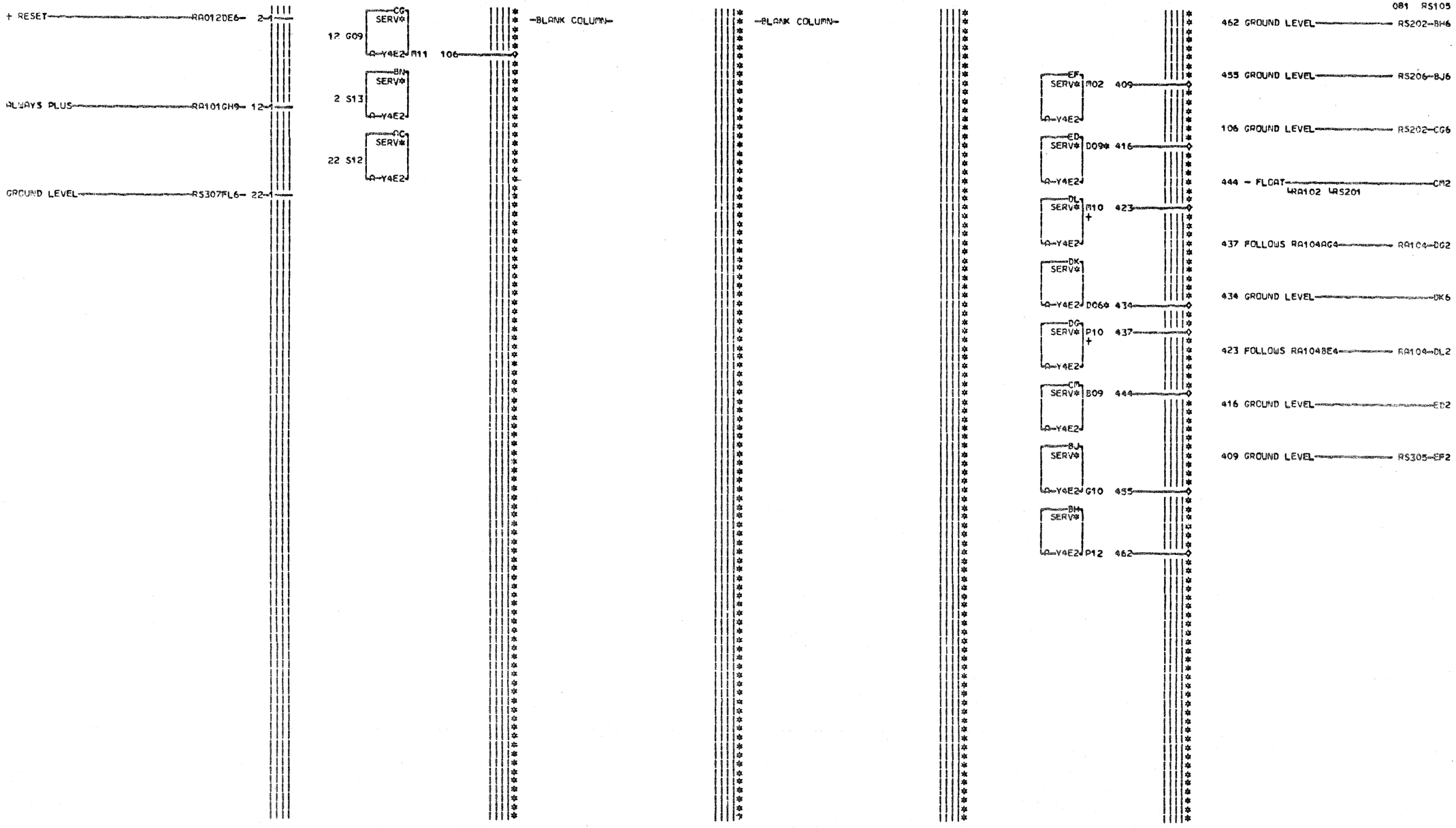
RS102
081 SIM TO PN 1785179 EC 309545

SERV WIRING
E.C. HISTORY — E. MACH.27RNB
FRAME 01
IBM CORP.SCD | RS102
DATE LAST EC 10-14-80 344270 | P.No 1986995 | 081



RS104
081 SIM TO PN 1765181 EC 309545

SERV WIRING
E.C.-HISTORY-E. MACH.27RNB
FRAME 01
IBM CORP.SCD RS104
DATE LAST EC
10-14-80 344270
P.No 1986997 081

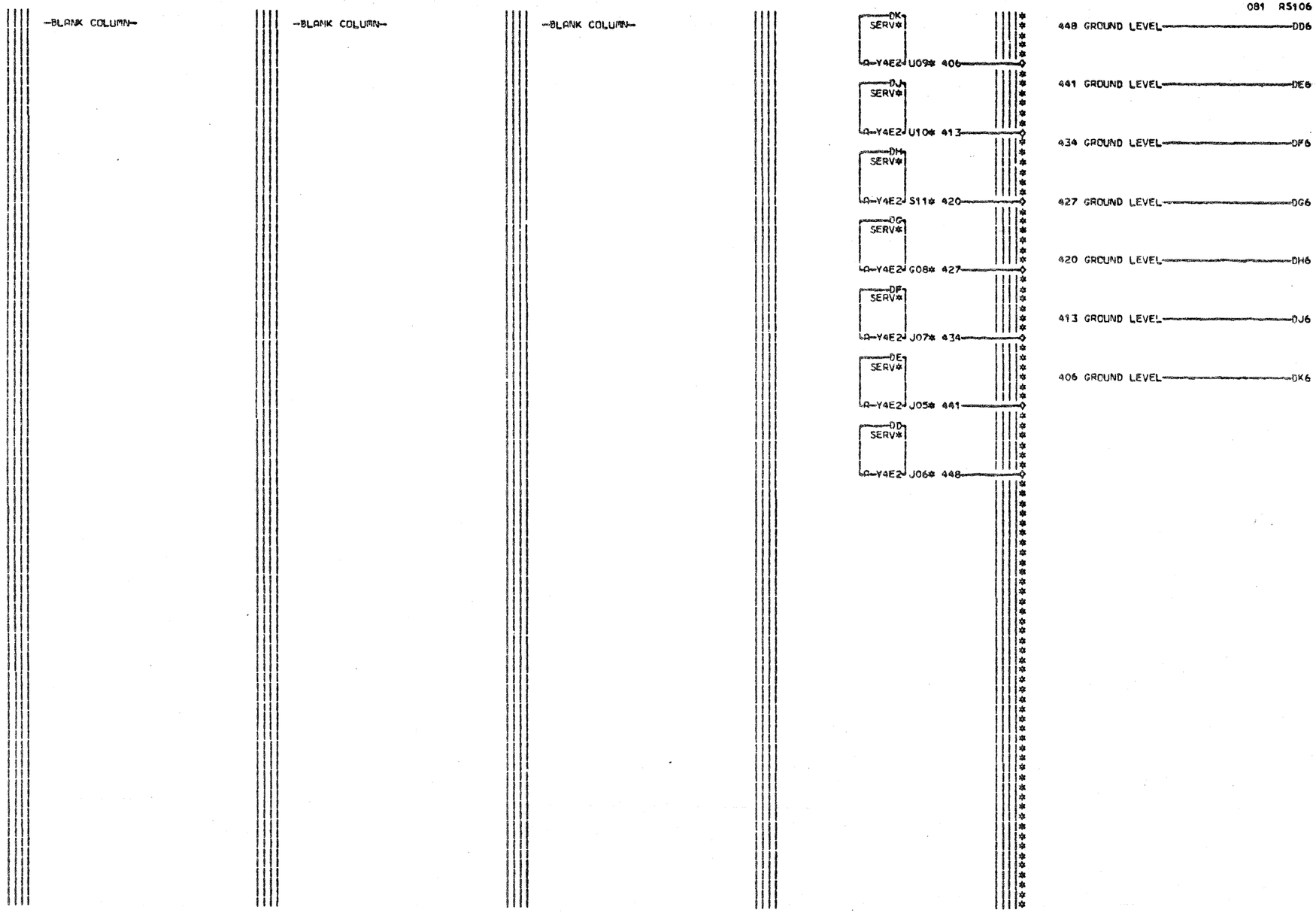


EDGE CONN.
416 A-Y4C1C11
434 A-Y4E1C11

LOC. TYPE

RS105
081 SIM TO PN 1785182 EC 309951

SERV WIRING
E.C.-HISTORY
MACH.27RNB
FRAME 01
IBM CORP.SCD
P.N. 1986998
RS105
081
DATE LAST EC
10-14-80 344270

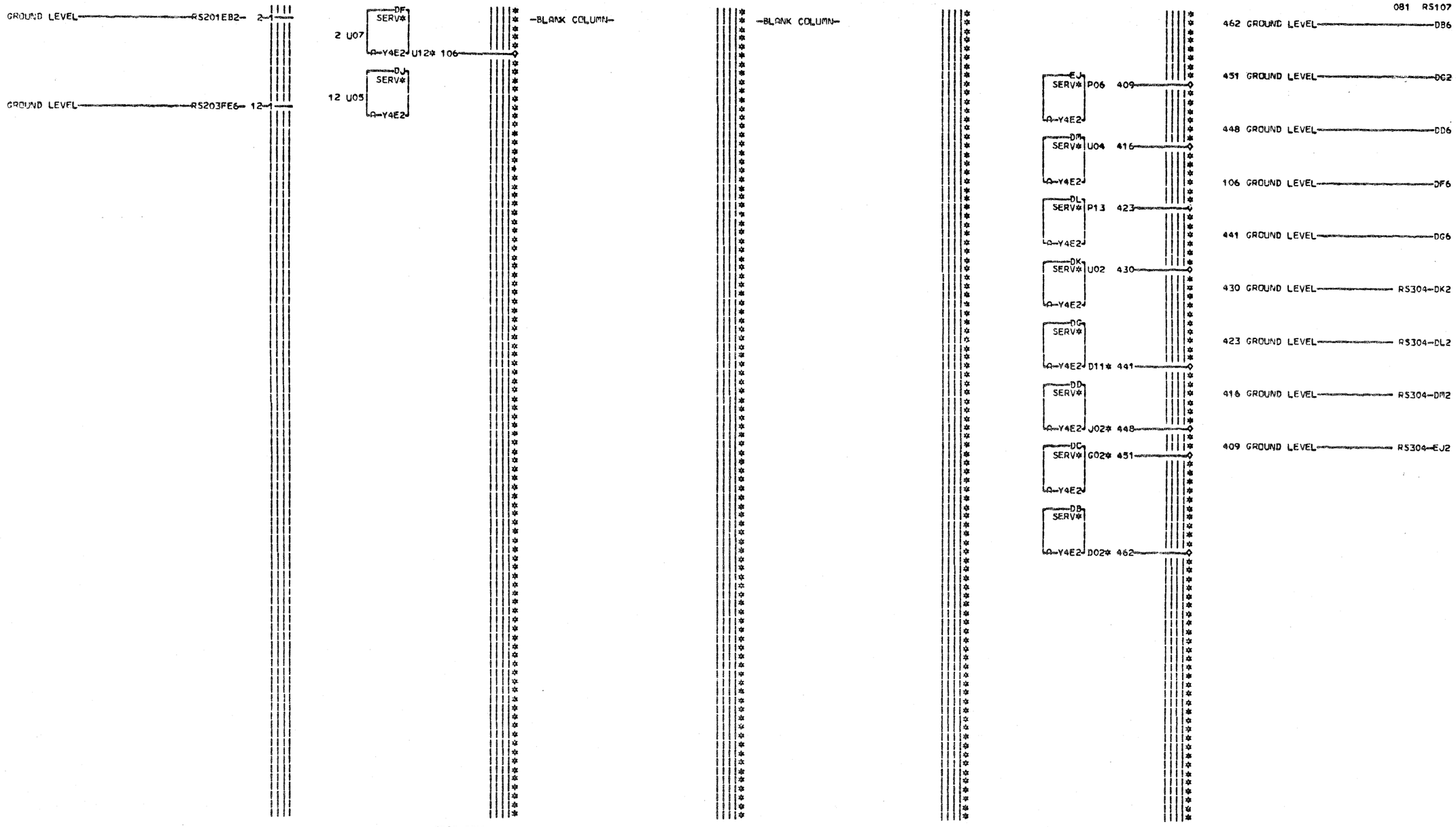


EDGE CONN.
406 A-Y4J1D13
413 A-Y4J1C13
420 A-Y4J1B13
427 A-Y4H1E13
434 A-Y4H1D13
441 A-Y4H1C13
448 A-Y4K1B11

LOC. TYPE

SERV WIRING
E.C.-HISTORY- E. MACH.27RNB
FRAME 01
IBM CORP.SCD RS106
DATE LAST EC
10-14-80 344270
P.No. 1986999 081

RS106
081 SIM TO PN 1785183 EC 309545



EDGE CONN.
106 A-Y4C1A11
441 A-Y4C1B11
448 A-Y4H1E11
451 A-Y4H1D11
462 A-Y4H1B11

LOC. TYPE

SERV WIRING

E.C.-HISTORY-E. MACH.27RNB

FRAME 01

IBM CORP.SCD RS107

DATE LAST EC 10-14-80 344270

P.N. 1987000 081

RS107

081 SIM TO PN 1785184 EC 309545

GROUND LEVEL — RS101AJ2 — 2
GROUND LEVEL — RS101AK2 — 7
GROUND LEVEL — RS102AC2 — 12
GROUND LEVEL — RS102AD2 — 17
GROUND LEVEL — RS102AE2 — 22
GROUND LEVEL — RS102AF2 — 27
GROUND LEVEL — RS103DG2 — 32
GROUND LEVEL — RS103DN6 — 37
— FLOAT — RS105CM2 — 42
GROUND LEVEL — RS301AF6 — 47
GROUND LEVEL — RS301CF6 — 52
GROUND LEVEL — RS301EF6 — 57
GROUND LEVEL — RS301CF6 — 62
GROUND LEVEL — RS302BE6 — 67
GROUND LEVFL — RS302DE6 — 72
GROUND LEVEL — RS306BM2 — 77
GROUND LEVEL — RS307EN6 — 82

CB SERV* U03 102 — EB2
42 G07 — A—Y4F2

EL SERV*
77 J11 — A—Y4F2

CK SERV*
47 P07 — A—Y4F2

CJ SERV*
52 P05 — A—Y4F2

CH SERV*
57 M11 — A—Y4F2

CG SERV*
62 M09 — A—Y4F2

CF SERV*
67 P12 — A—Y4F2

CE SERV*
72 P10 — A—Y4F2

BN SERV*
32 G13 — A—Y4F2

BM SERV*
82 P09 — A—Y4F2

BK SERV*
27 P06 — A—Y4F2

BJ SERV*
22 P04 — A—Y4F2

BH SERV*
17 P11 — A—Y4F2

BG SERV*
12 M12 — A—Y4F2

BF SERV*
7 M10 — A—Y4F2

BE SERV*
2 S07 — A—Y4F2

BC SERV*
37 J10 — A—Y4F2

→BLANK COLUMN→

CN SERV* J04 411 — A—Y4F2

CH SERV* M02 416 — A—Y4F2

FM SERV* M08 423 — A—Y4F2

081 RS201

102 GROUND LEVEL — EB2
WRS107 WRS305

423 GROUND LEVEL — RS308—FM2

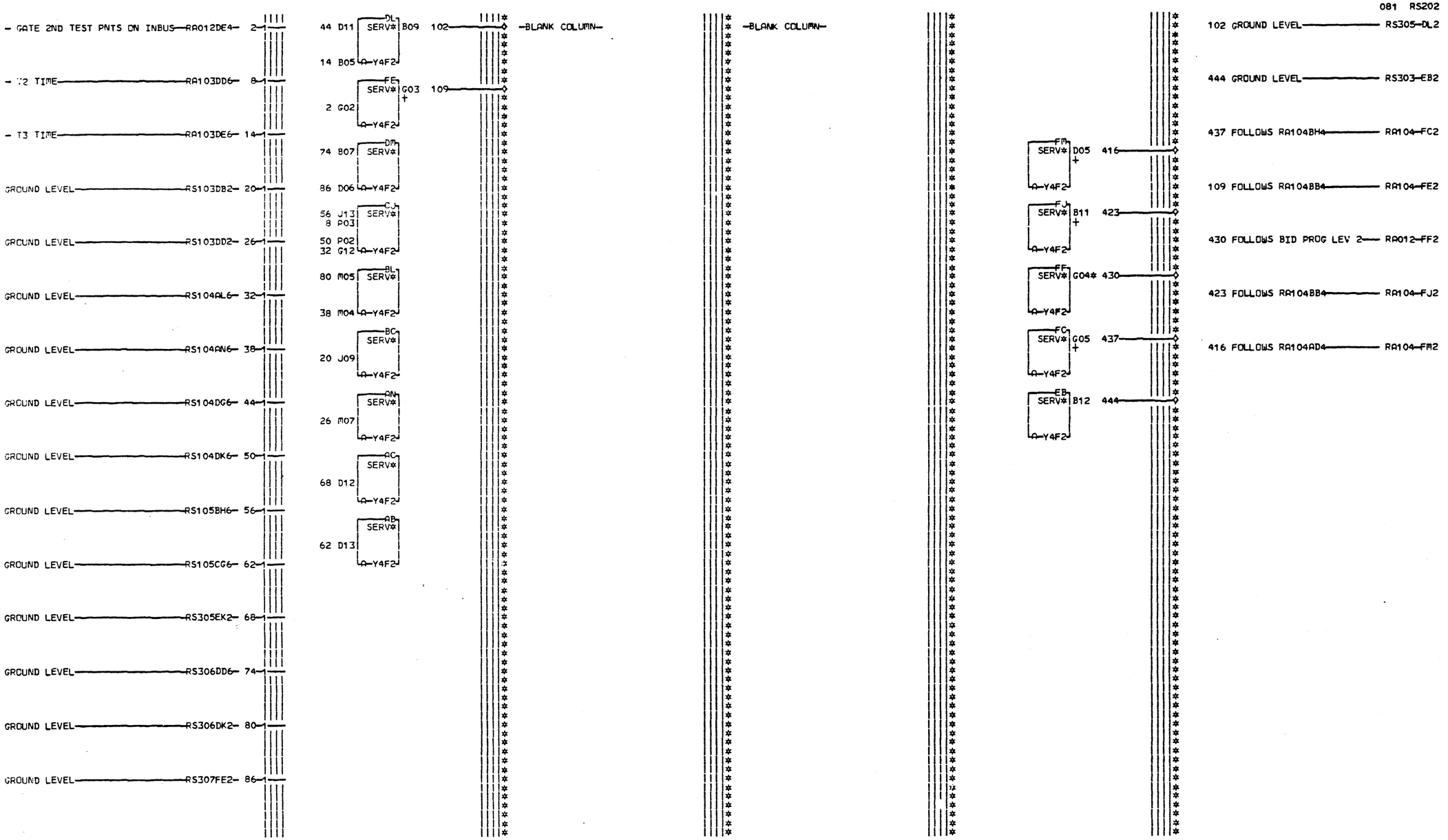
416 GROUND LEVEL — RS305—CH2

411 GROUND LEVEL — GN4
WRS104 WRS203 WRS301 WRS401
WRS402 WRS403 WRS404

LOC. TYPE

RS201
081 SIM TO PN 1785185 EC 309545

SERV WIRING
E.C. HISTORY — E. | MACH.27RNB
FRAME 01
IBM CORP.SCD | RS201
DATE LAST EC
10-14-80 344270 | P.N. 1987001 | 081



RS202

081 SIM TC PN 1765186 EC 309545

SERV WIRING

E.C.-HISTORY-E. 344270

MACH.27RNB

FRAME 01

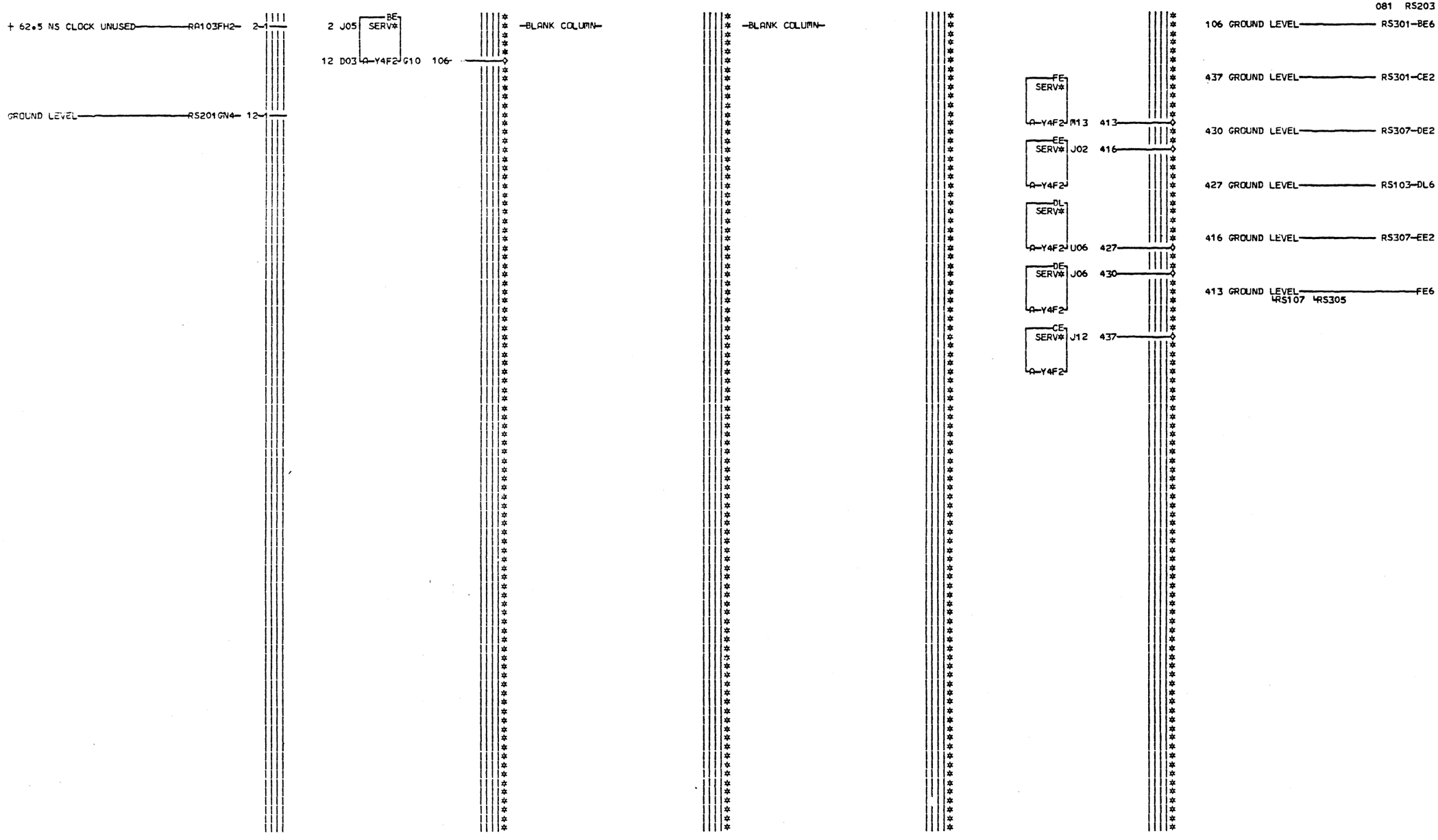
IBM CORP.SCD

P.N. 1987002

RS202

081

DATE LAST EC
04-14-81 344600



RS203
081 SIM TO PN 1785187 EC 309940

SERV WIRING
E.C. HISTORY
344270
E. MACH.27RNB
FRAME 01
IBM CORP.SCD
P.N. 1987003
RS203
081
DATE LAST EC
04-14-81 344600

081 RS204

- 62.5 NS CLOCK UNUSED ——— RA103FH6 — 2

BF
SERV*
2 D07
A—Y4F2

—BLANK COLUMN—

—BLANK COLUMN—

FK
SERV*
A—Y4F2
B10* 402

FH
SERV*
A—Y4F2
D09* 409

409 GROUND LEVEL ——— FH2

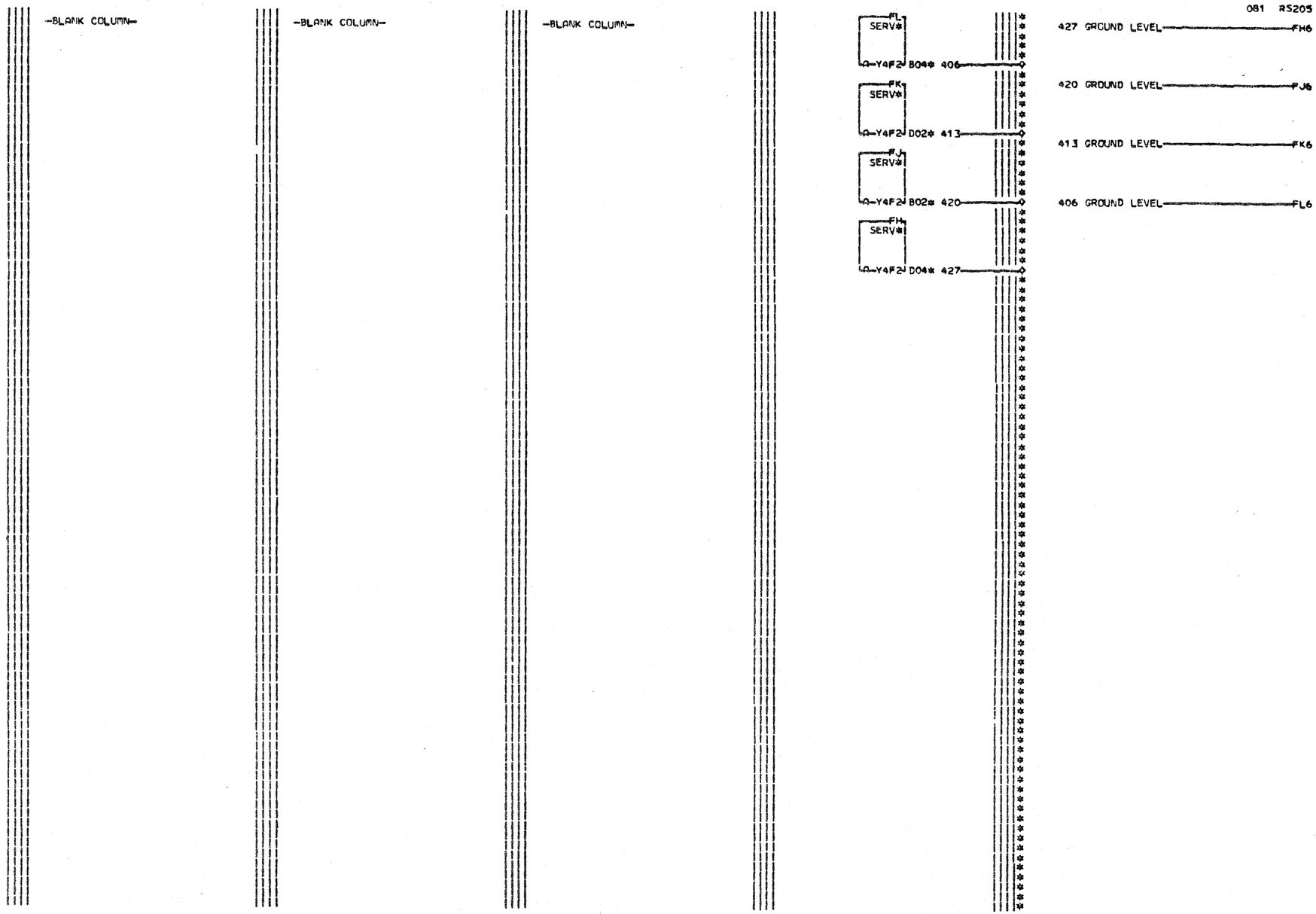
402 GROUND LEVEL ——— FK2

EDGE CONN.
402 A—Y4B1D11
409 A—Y4B1C11

LOC. TYPE

SERV WIRING
E.C. HISTORY — E. MACH.27RNB
344270
FRAME 01
IBM CORP.SCD | RS204
DATE LAST EC
04-14-81 344600 | P.N. 1987004 | 081

RS204
081 SIM TO PN 1785188 EC 309545



RS205

081 SIM TO PN 1785189 EC 309545

SERV WIRING

E.C. HISTORY | E. MACH.27RNB

FRAME 01

IBM CORP.SCD | RS205

DATE LAST EC | P.N. 1987005 | 081

10-14-80 344270

GROUND LEVEL — RA018DJ2 — 2
GROUND LEVEL — RA018DJ4 — 9
GROUND LEVEL — RA018DJ6 — 16
GROUND LEVEL — RA018DK1 — 23
GROUND LEVEL — RA018DK3 — 30
ALWAYS PLUS — RA101CH8 — 37
GROUND LEVEL — RS101AG2 — 44
GROUND LEVEL — RS101AH2 — 51
GROUND LEVEL — RS102FG2 — 58
GROUND LEVEL — RS103DE2 — 65
GROUND LEVEL — RS103EL2 — 72
GROUND LEVEL — RS105BJ6 — 79

CF SERV* S13 — 102 — -BLANK COLUMN-
51 U07 — Q-Y4F2

CD SERV* S08 — 109
44 S09 — Q-Y4F2
72 U05 — Q-Y4F2

FK SERV*
58 S05 — Q-Y4F2

BL SERV*
37 B13 — Q-Y4F2

BA SERV*
65 J07 — Q-Y4F2

AM SERV*
2 S03 — Q-Y4F2

AJ SERV*
30 S04 — Q-Y4F2

AG SERV*
23 U02 — Q-Y4F2

AE SERV*
16 P13 — Q-Y4F2

AC SERV*
9 S02 — Q-Y4F2

AA SERV*
79 U11 — Q-Y4F2

-BLANK COLUMN-

LOC. TYPE

GM SERV* J03 + — 416
Q-Y4F2

GK SERV* G08 — 423
Q-Y4F2

GJ SERV* S12 + — 430
Q-Y4F2

GC SERV* S11 + — 437
Q-Y4F2

GE SERV* U10 + — 444
Q-Y4F2

GC SERV* U13 + — 451
Q-Y4F2

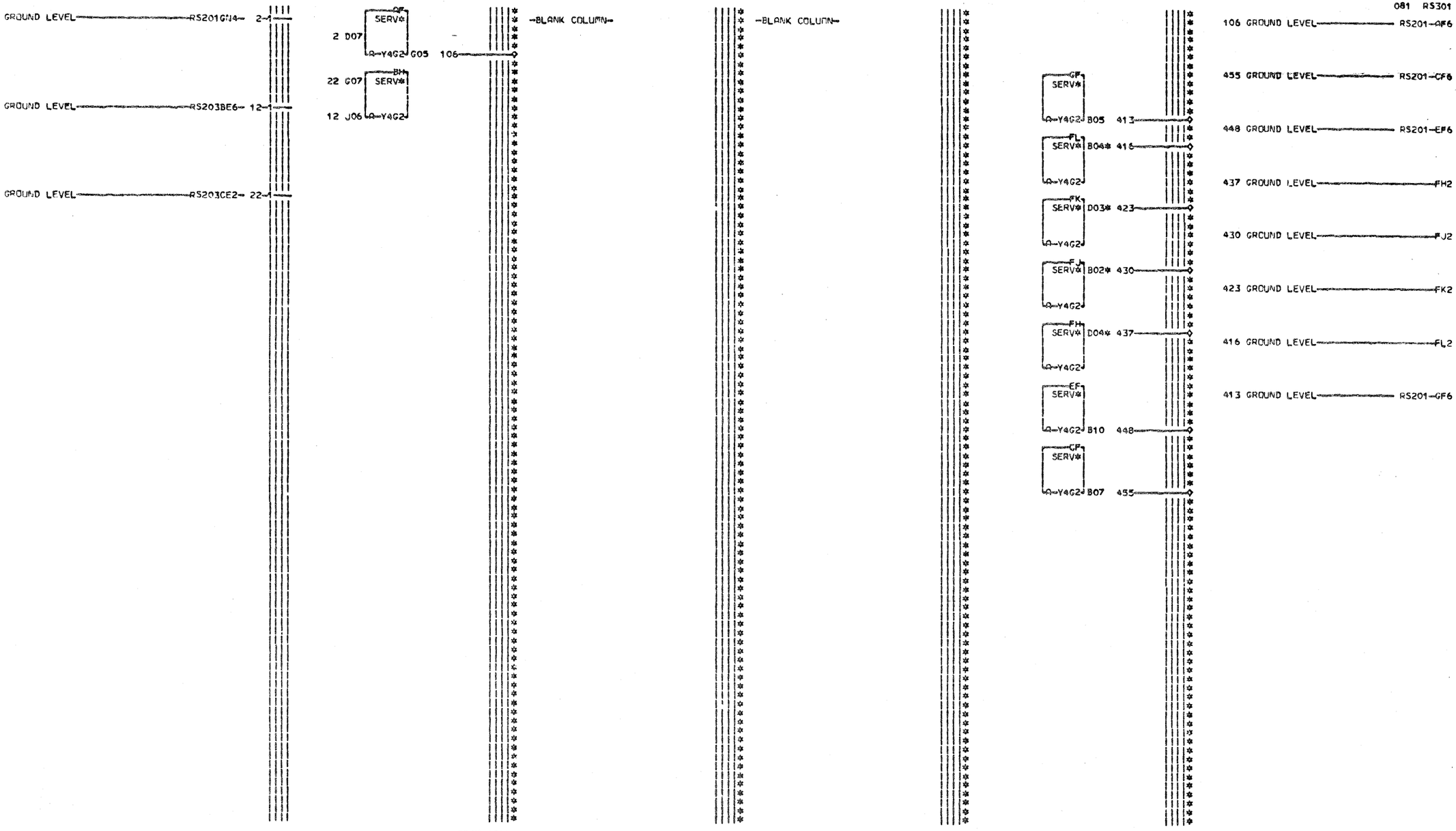
CK SERV* U12 — 458
Q-Y4F2

CH SERV* G11 — 465
Q-Y4F2

081 RS206
109 GROUND LEVEL — RS302-CD2
102 GROUND LEVEL — RS302-CF2
465 GROUND LEVEL — RS302-CH2
458 GROUND LEVEL — RS302-CK2
451 FOLLOWS RA105A54 — RA105-GC2
444 FOLLOWS RA105BE4 — RA105-GE2
437 FOLLOWS RA105AG4 — RA105-GG2
430 FOLLOWS RA105BH4 — RA105-GJ2
423 - FLOAT — RA102-GK2
416 FOLLOWS RA105AK4 — RA105-GM2

RS206
081 SIM TO PN 1785190 EC 309545

SERV WIRING
E.C. HISTORY — E. MACH.27RNB
FRAME 01
IBM CORP.SCD | RS206
P.No. 1987006 | 081
DATE LAST EC
10-14-80 344270



RS301

081 SIM TO PN 1785191 EC 309545

SERV WIRING

E.C. HISTORY — E. MACH.27RNB

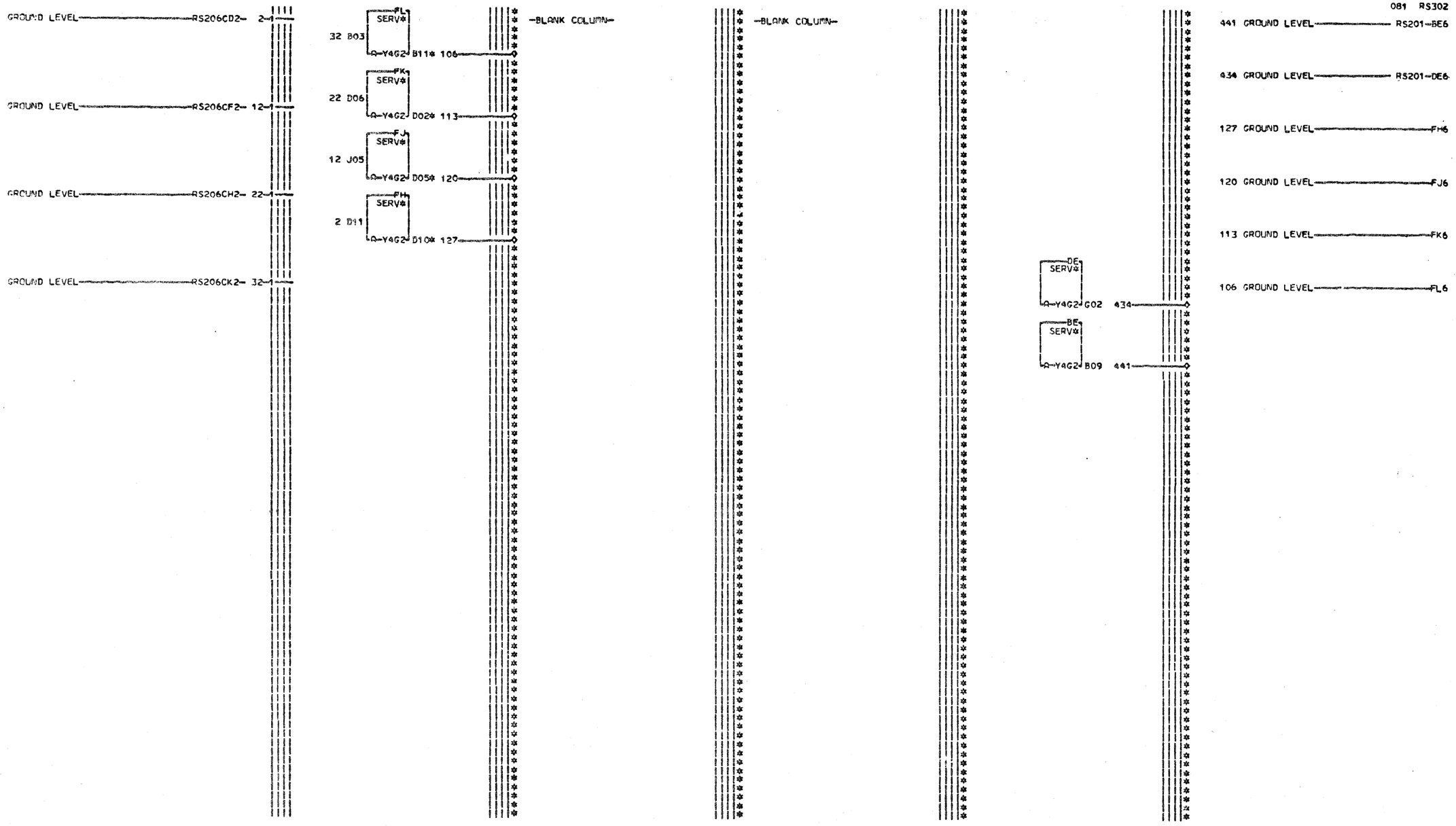
FRAME 01

IBM CORP.SCD RS301

DATE LAST EC

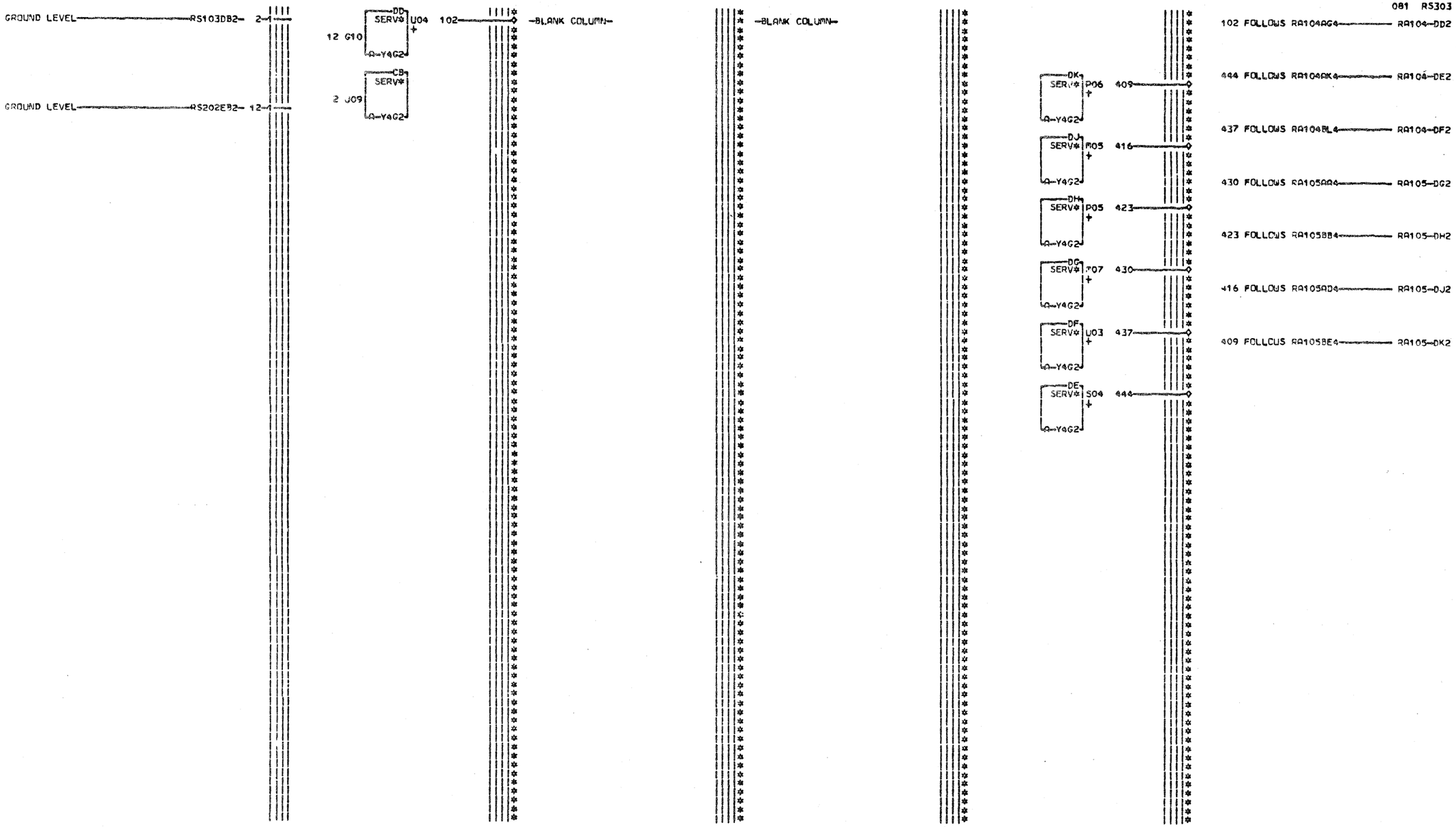
10-14-80 344270

P.No. 1987007 081



SERV WIRING
E.C. HISTORY E. MACH.27RNB
FRAME 01
IBM CORP.SCD RS302
DATE LAST EC P.N. 1987008 081
10-14-80 344270

RS302
081 SIM TC PN 1785192 EC 309545



RS303

081 SIM TO PN 1785193 EC 308565

SERV WIRING

E.C. HISTORY E. FACH.27RNB

FRAME 01

IBM CORP.SCD | RS303

DATE LAST EC | P.N. 1987009 | 081

10-14-80 344270

GROUND LEVEL ——— RS103DC2 — 2

GROUND LEVEL ——— RS104DB6 — 12

GROUND LEVEL ——— RS107DK2 — 22

GROUND LEVEL ——— RS107DL2 — 32

GROUND LEVEL ——— RS107DM2 — 42

GROUND LEVEL ——— RS107EJ2 — 52

CB
SERV*
12 P10
A→Y4G2

FM
SERV*
2 M08
A→Y4G2

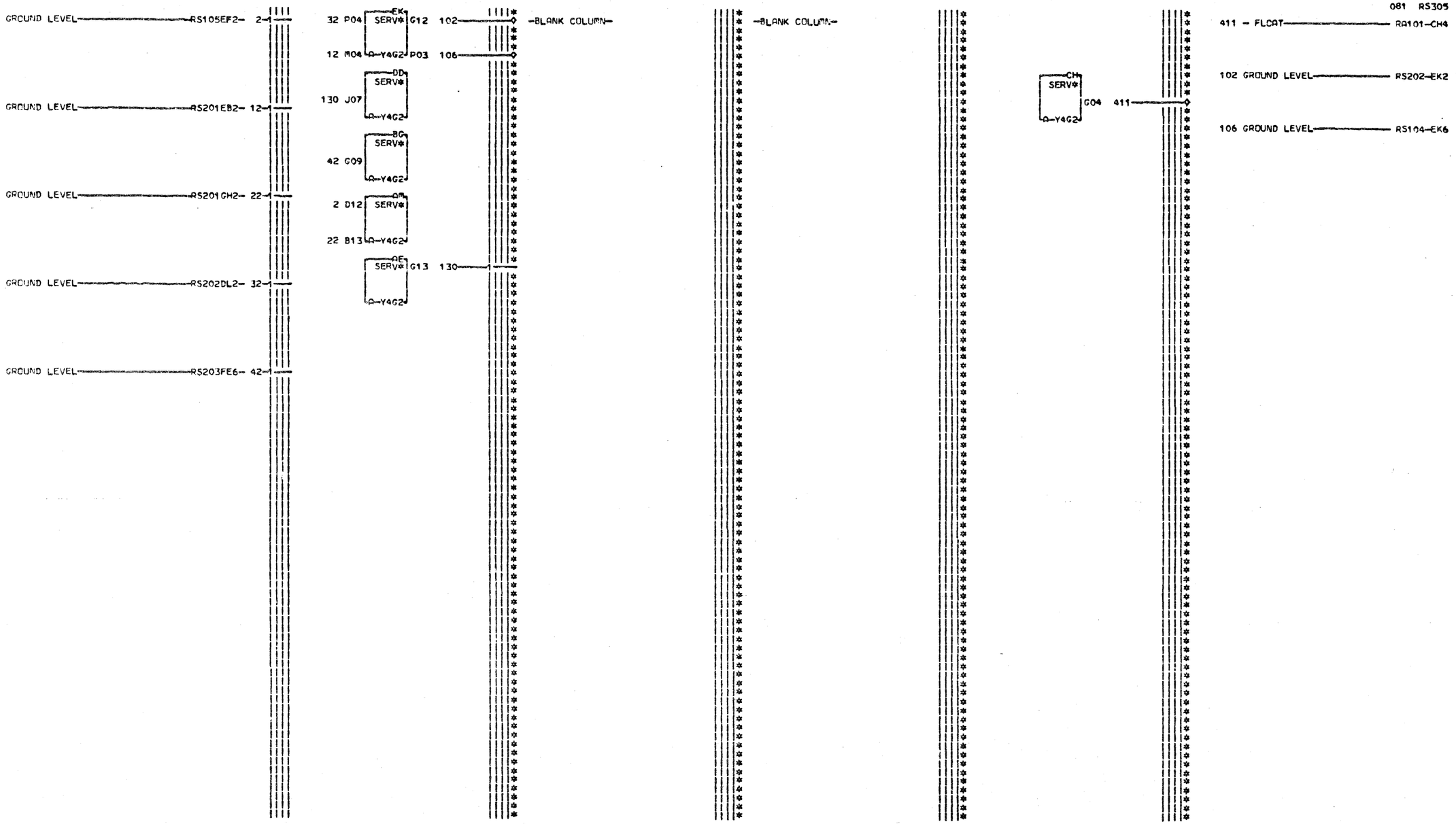
CD
SERV*
22 J02
32 D13
42 D09
52 B12
A→Y4G2

LCC• TYPE

SERV WIRING
E•C•-HISTORY
MACH•27RNB
FRAME 01
IBM CORP•SCD
P•N• 1987010
RS304
081

DATE LAST EC
10-14-80 344270

RS304
081 SIM TO PN 1785194 EC 309545



LCC. TYPE

SERV WIRING

E.C. HISTORY E. MACH.27RNB

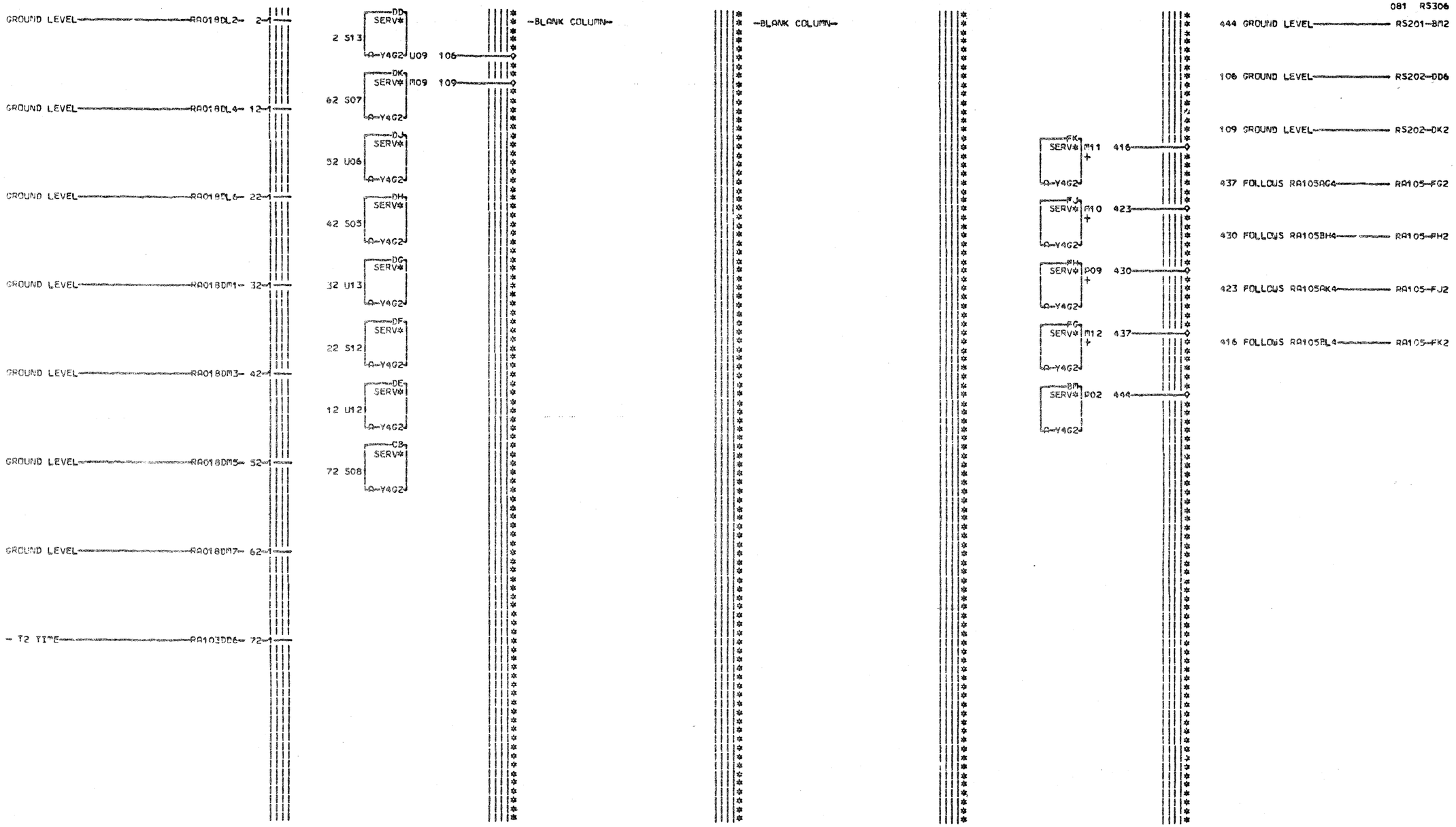
FRAME 01

IBM CORP.SCD RS305

DATE LAST EC 10-14-80 344270 P.N. 1987011 081

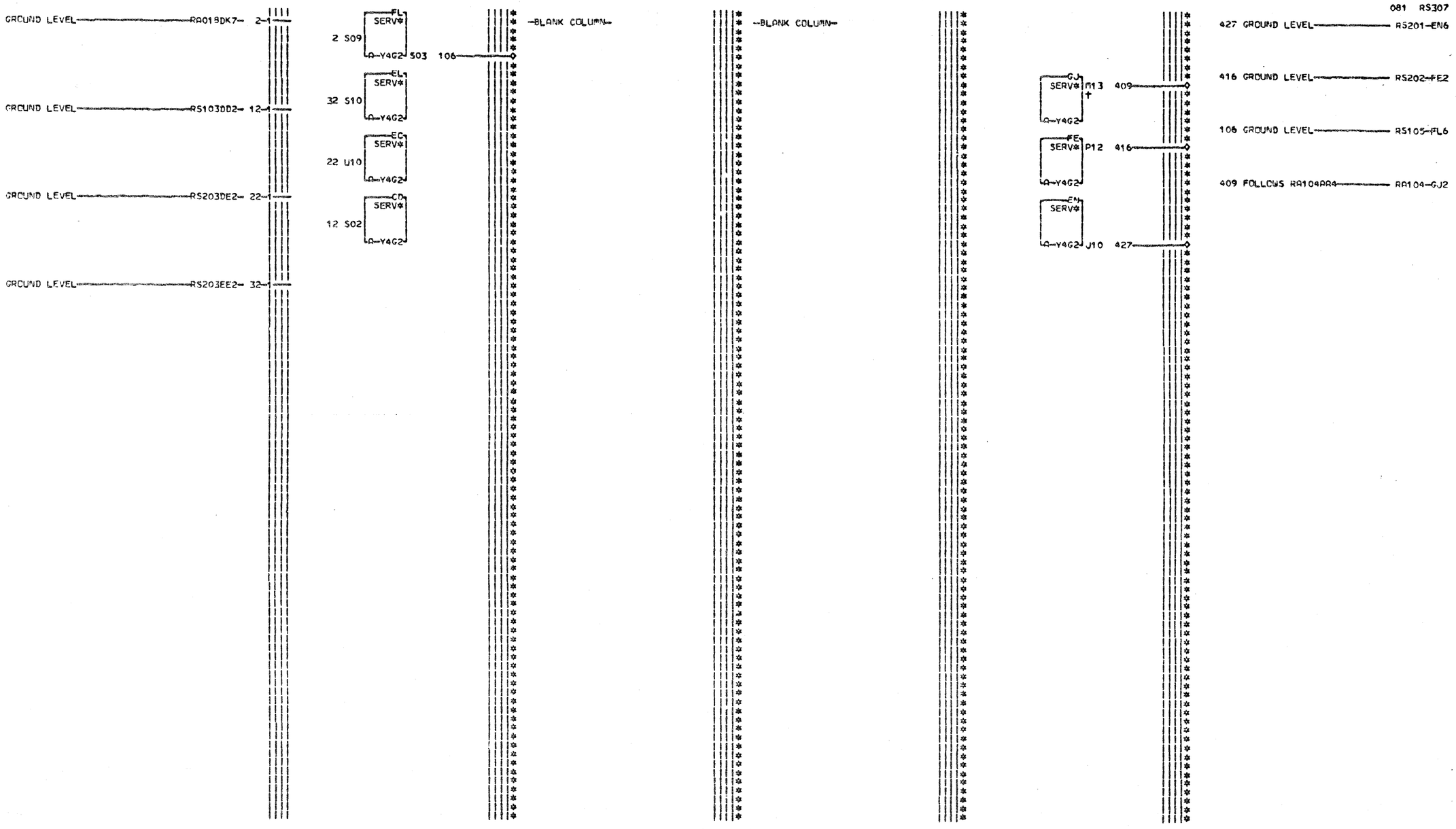
RS305

081 SIM TO PN 1785195 EC 309940



RS306

081 SIM TO PN 1785196 EC 309545



LOC. TYPE

RS307
081 SIM TO PN 1785197 EC 310284

SERV WIRING
E.C. HISTORY — BY MOCH.27RNB
FRAME 01
IBM CORP.SCD RS307
DATE LAST EC 10-14-80 344270
P.N. 1987013 081

GROUND LEVEL ——— AS201FM2 — 2

CP
SERV#
2 J03
Q-Y4G2 G03# 106 ———

—BLANK COLUMN—

—BLANK COLUMN—

FH
SERV# P13 409 ———
Q-Y4G2

FF
SERV# U02 416 ———
Q-Y4G2

081 RS308

106 GROUND LEVEL ——— CP6

416 FOLLOWS RA104BE4 ——— RA104-FF2

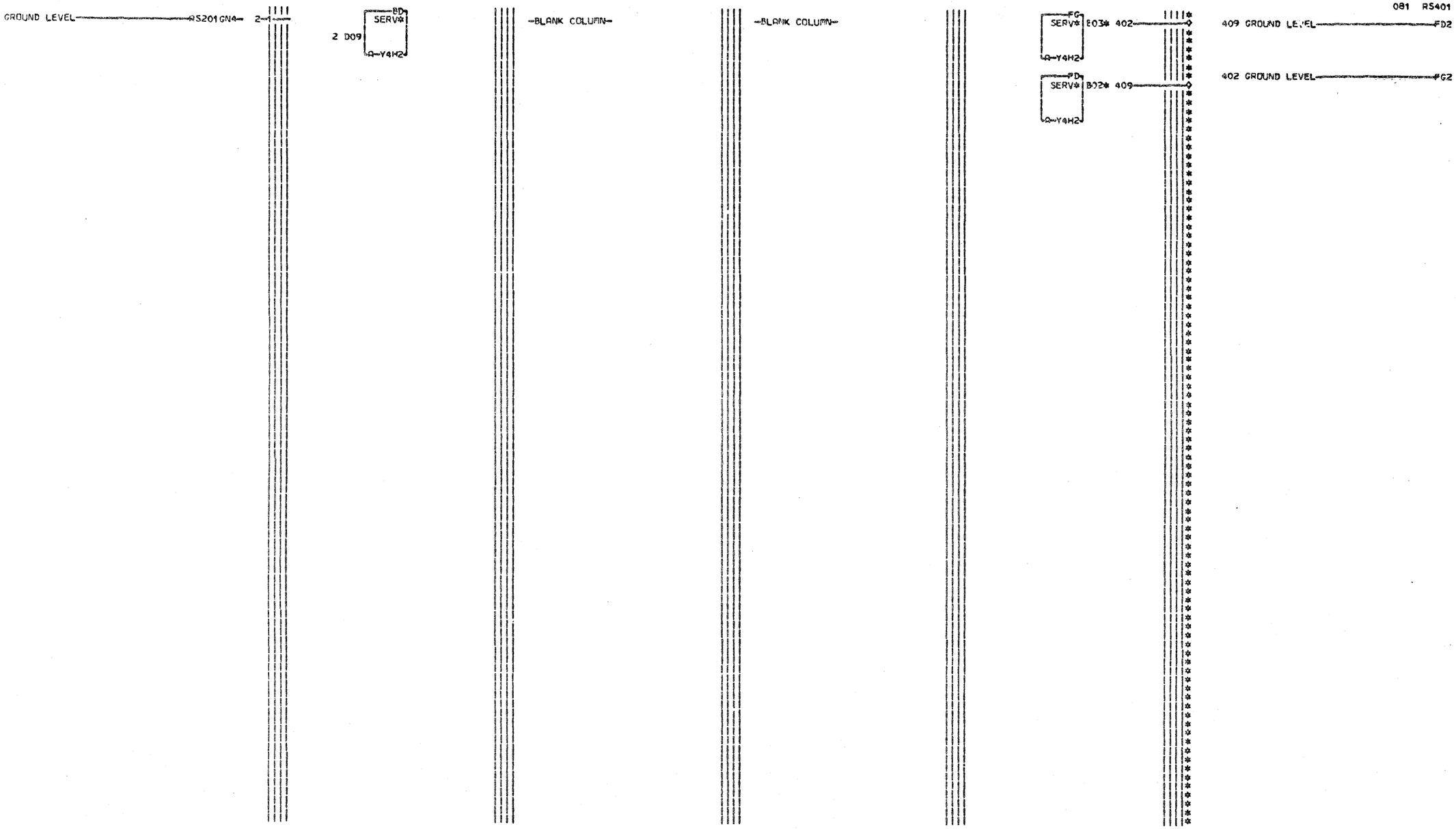
409 FOLLOWS RA104BH4 ——— RA104-FH2

EDGE CONN.
106 A-Y4C1E11

LOC. TYPE

SERV WIRING
—E.C.—HISTORY—E. PACN.27RNB
FRAME 01
IBM CORP.SCD RS308
DATE LAST EC
10-14-80 344270
P.N. 1987014 C81

RS308
C81 SIR TC PN 1785198 EC 309949

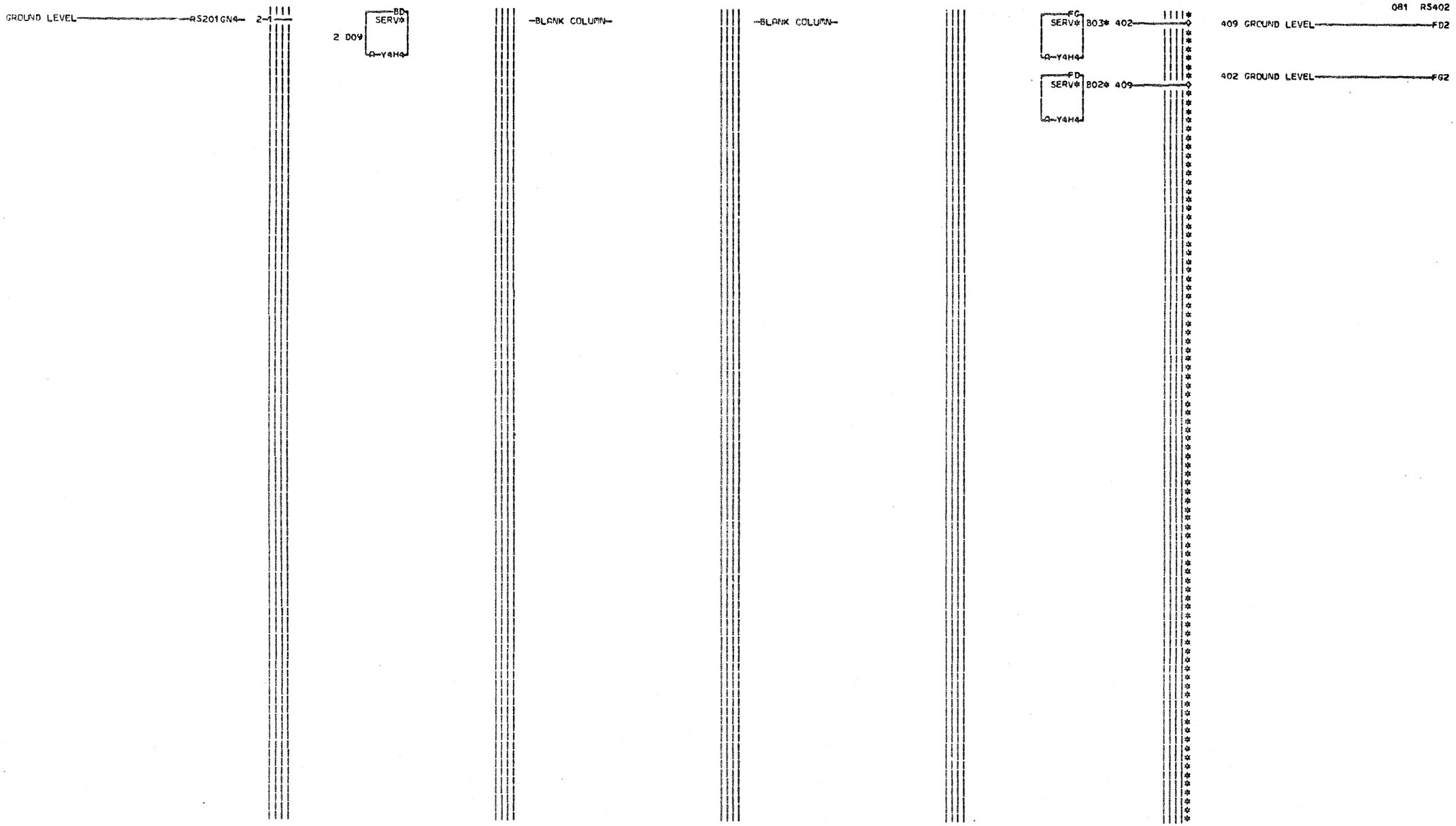


EDGE CONN.
402 A-Y4F1B13
409 A-Y4B1E13

LOC. TYPE

SERV WIRING
E.C. HISTORY
PACH.27RNB
FRAME 01
IBM CORP.SCD
P.N. 1987015
RS401
081
DATE LAST EC
10-14-80 344270

RS401
081 SIM TO PN 1785199 EC 311272

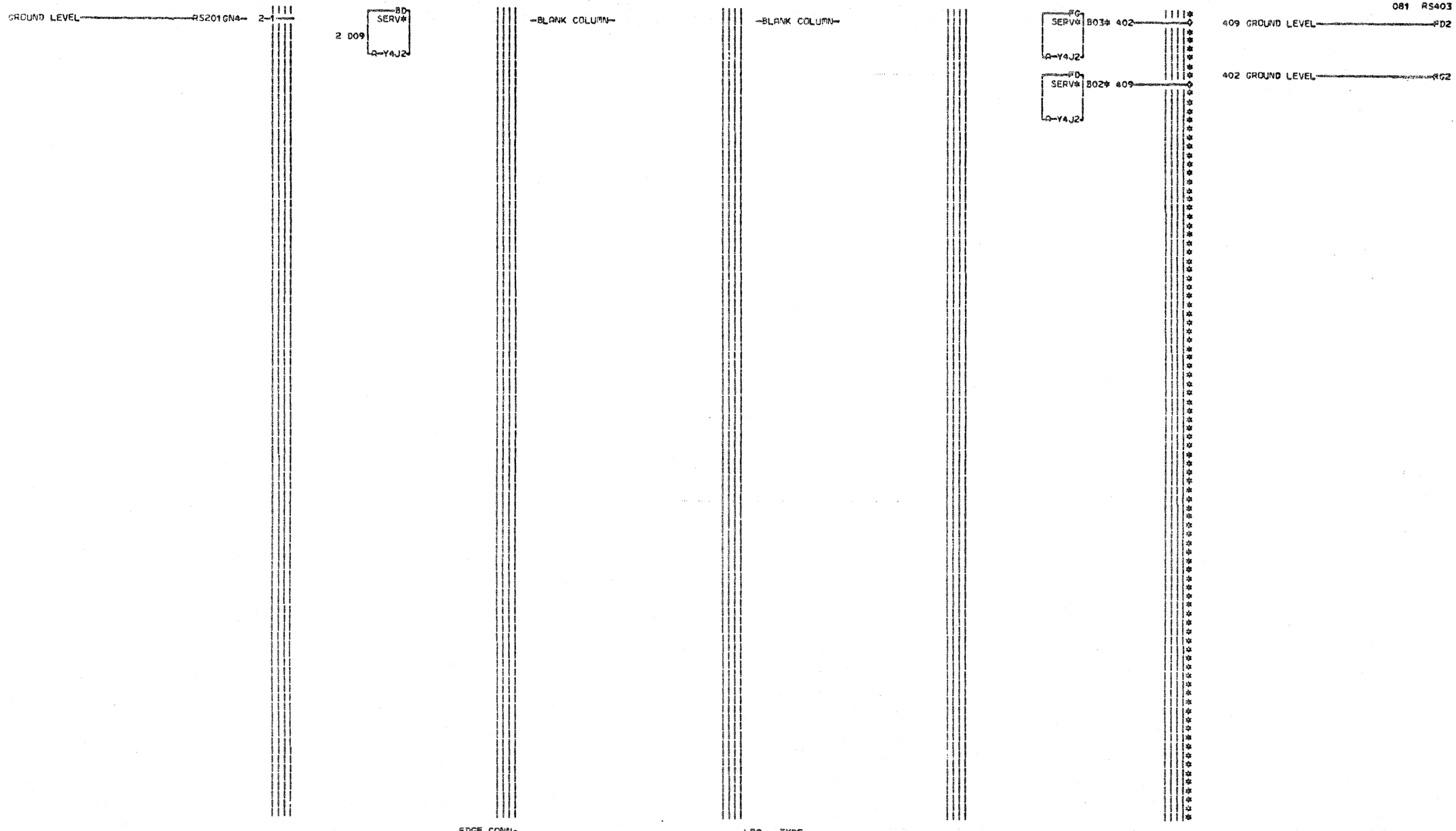


EDGE CONN.
402 A-Y4E1A13
409 A-Y4C1A13

LOC. TYPE

RS402
081 SIM TO PN 1785200 EC 311272

SERV WIRING
E.C. HISTORY — E. MACH.27RNB
FRAME 01
IBM CORP. SCD | RS402
DATE LAST EC
10-14-80 344270 | P.N. 1987016 | 081



EDGE CONN.
402 A-Y4B1B13
409 A-Y4C1B13

LOC. TYPE

SERV WIRING
E.C. HISTORY
MACH.27RNB
FRAME 01
IBM CORP.SCD
P.N. 1987017
RS403
081

DATE	LAST EC
10-14-80	344270

RS403
081 SIM TO PN 1785201 EC 311272

GROUND LEVEL ——— RS201GN4 — 2

2 D09 — BD SERV# — Q—Y4J4

—BLANK COLUMN—

—BLANK COLUMN—

FG SERV# B03# 402 — Q—Y4J4

FD SERV# B02# 409 — Q—Y4J4

081 RS404

409 GROUND LEVEL ——— FD2

402 GROUND LEVEL ——— FG2

EDGE CONN.
402 A-Y4B1C13
409 A-Y4E1A11

LOC. TYPE

SERV WIRING
E.C. HISTORY — E. MACH. 27RNB
FRAME 01
IBM CORP. SCD
P.N. 5153913

DATE	LAST EC
10-14-80	344270

RS404 | 081

RS404

081 SIM TO PN 1785202 EC 311272