VOLUME 024 MACHINE 3705- -0015984 MODEL E08 SYSTEM 0004XBW MODE BOX SHIP 82/12/30

LOGIC TYPE -0- SYSTEMS DIAGRAMS

VOLUME 024 MACHINE 3705- -0015984 MODEL E08 SYSTEM 0004XBW MODE BOX SHIP 82/12/30

LOGIC TYPE -0- SYSTEMS DIAGRAMS

PAGE NUM	SH	TITLE	PART NUM	EC NUM	FEATURE B/M OR B/MS
TA555		TYPE 2 SCANNER	0001788241	309936	.W. 0001750078
TA561		TYPE 2 SCANNER	0001788242	309936	.W. 0001750078
TA565		TYPE 2 SCANNER	0001788243	309936	.W. 0001750078
TA571		TYPE 2 SCANNER	0001788244	309936	.W. 0001750078
TA611		TYPE 2 SCANNER	0001788245	309545	.W. 0001750078
TA621		TYPE 2 SCANNER	0001788246	309545	.W. 0001750078
TA631		TYPE 2 SCANNER	0001788247	309936	.W. 0001750078
TA641		TYPE 2 SCANNER	0001788248	309545	.W. 0001750078
TA651		TYPE 2 SCANNER	0001788249	309545	.W. 0001750078
TA711		TYPE 2 SCANNER	0001788250	311283	.W. 0001750078
TA721		TYPE 2 SCANNER	0001788251	309936	.W. 0001750078
TA731		TYPE 2 SCANNER	0001788252	309545	.W. 0001750078
TA741		TYPE 2 SCANNER	0001788253	309545	.W. 0001750078
TA751		TYPE 2 SCANNER	0001788254	309545	.W. 0001750078
TA761		TYPE 2 SCANNER	0001788255	309545	.W. 0001750078
TA771		TYPE 2 SCANNER	0001788256	309545	.W. 0001750078
TA811		TYPE 2 SCANNER	0001788257	311283	.W. 0001750078
TA821		TYPE 2 SCANNER	0001788258	314410	.W. 0001750078
TA831		TYPE 2 SCANNER	0001788259	311283	.W. 0001750078
TA841		TYPE 2 SCANNER	0001788260	309936	.W. 0001750078
TA851		TYPE 2 SCANNER	0001788261	311283	.W. 0001750078
TA861		TYPE 2 SCANNER	0001788262	311283	.W. 0001750078
TA911		TYPE 2 SCANNER	0001788263	309545	.W. 0001750078
TA921		TYPE 2 SCANNER	0001788264	309940	.W. 0001750078
TA931		TYPE 2 SCANNER	0001750077	314419	.W. 0001750078
TA941		TYPE 2 SCANNER	0001788266	309940	.W. 0001750078
TB011		TYPE 2 SCANNER	0001788267	311283	.W. 0001750078
TB021		TYPE 2 SCANNER	0001788268	314410	.W. 0001750078
TB031		TYPE 2 SCANNER	0001788269	309545	.W. 0001750078
TB041		TYPE 2 SCANNER	0001788270	309545	.W. 0001750078
TB051		TYPE 2 SCANNER	0001788271	309545	.W. 0001750078
TB061		TYPE 2 SCANNER	0001788272	309545	.W. 0001750078
TB111		TYPE 2 SCANNER	0001788273	309545	.W. 0001750078
TB121		TYPE 2 SCANNER	0001788274	309545	.W. 0001750078
TB131		TYPE 2 SCANNER	0001788275	309545	.W. 0001750078
TB141		TYPE 2 SCANNER	0001788276	309545	.W. 0001750078
TB151		TYPE 2 SCANNER	0001788277	309545	.W. 0001750078
TB161		TYPE 2 SCANNER	0001788278	309545	.W. 0001750078
TB211		TYPE 2 SCANNER	0001750072	314419	.W. 0001750078
TB221		TYPE 2 SCANNER	0001750073	314419	.W. 0001750078
TB231		TYPE 2 SCANNER	0001750074	314419	.W. 0001750078
TB241		TYPE 2 SCANNER	0001750075	314419	.W. 0001750078

VOLUME 024 MACHINE 3705- -0015984 MODEL E08 SYSTEM 0004XBW MODE BOX SHIP 82/12/30

LOGIC TYPE -0- SYSTEMS DIAGRAMS

PAGE NUM	SH	TITLE	PART NUM	EC NUM	FEATURE B/M OR B/MS
TB251		TYPE 2 SCANNER	0001750076	314419	.W. 0001750078
TB411		TYPE 2 SCANNER	0001788283	311272	.W. 0001750078
TB412		TYPE 2 SCANNER	0001788284	311272	.W. 0001750078
TB413		TYPE 2 SCANNER	0001788285	311272	.W. 0001750078
TB414		TYPE 2 SCANNER	0001788286	311272	.W. 0001750078
TB421		TYPE 2 SCANNER	0001788287	309545	.W. 0001750078
TB431		TYPE 2 SCANNER	0001788288	309545	.W. 0001750078
TB501		TYPE 2 SCANNER	0001788289	309944	.W. 0001750078

TOTAL PART NUMBERS THIS MACHINE 872 TOTAL PART NUMBERS THIS VOLUME 92

3705 II TYPE 2 SCANNER SUPPLEMENT PLUG CHART

A2 SINGLE CARD 5862884 N884 SEE [1] TB 431	D2	K2	R2	V4
A3	E2	L2	S2	V5
A4	F2	M2	T2	
A5	G2	N2	U2	
B2	H2	P2	V2 SINGLE CARD 5862885 N885 SEE [2] TB 421	
C2	J2	Q2	V3	

TA000*

PART NO.	ACC	TYPE	SOCKET	TOTAL
5862884	CS2	N884	A2	01
5862885	CS2	N885	V2	01

NOTES:

1. THIS TERMINATOR CARD IS INSTALLED IN THE LAST FRAME THAT HAS AN A3 BOARD INSTALLED.
2. THIS TERMINATOR CARD IS INSTALLED ONLY IF THIS FRAME DOES NOT HAVE A LIB POSITION 4 BOARD (0XA-B2) INSTALLED (FRAME 0XA IS FRAME 1,2,3 OR 4).

SUPPLEMENT SOCKET LISTING FOR 3705 II CS2

DATE NOV 75

MACH.- 27RNB
BOARD - 0XA-A3
VERSION - 030

PREV. ENG. 314403

PRES. ENG. 314419

P.N. 1750080

IBM CORP. SDD

TA000*

```
A1      CONNECTOR
        D11   TA071EC5
        D13   TA071CF2
        E11   TA241EK6

A2      CONNECTOR
        B02   TA911CL2
        B04   TA041BA1
        B05   TA041BA5
        B06   TA041BA7
        B08   TA041BB2
        B09   TA041BB4
        B10   TA041BB6
        B12   TA041BC1
        B13   TA041BC3
        D02   TA041BC5
        D03   TA041BC7
        D05   TA041BD2
        D06   TA041BD4
        D07   TA041BD6
        D09   TA041BE1
        D10   TA611FF6
        D11   TA611FG6
        D13   TA611FH6

A3      CONNECTOR
        B02   TA041BG7
        B04   TA041BG1
        B05   TA041BG3
        B06   TA041BG5
        B08   TA041BJ1
        B09   TA041BJ3
        B10   TA041BJ5
        B13   TA041BK2
        D02   TA041BK4
        D03   TA041BK6
        D06   TA041BL3
        D07   TA041BL5
        D09   TA041BL7
        D11   TA611FJ6
        D13   TA611FL6

A4      CONNECTOR
        B02   TA041BA1
        B04   TA041BA3
        B05   TA041BA5
        B06   TA041BA7
        B08   TA041BB2
        B09   TA041BB4
        B10   TA041BB6
        B12   TA041BC1
        B13   TA041BC3
        D02   TA041BC5
        D03   TA041BC7
        D05   TA041BD2
        D06   TA041BD4
        D07   TA041BD6
        D09   TA041BE1
        D10   TA041BE3
        D11   TA041BE5
        D13   TA041BE7

A5      CONNECTOR
        B02   TA041BG1
        B04   TA041BG3
        B05   TA041BG5
        B06   TA041BG7
        B08   TA611EC2
        B09   TA041BJ1
        B10   TA041BJ3
        B12   TA041BJ5
        B13   TA611BF2
        D02   TA041BK2
        D03   TA041BK4
        D05   TA041BK6
        D06   TA611BH2
        D07   TA041BL3
        D09   TA041BL5
        D10   TA041BL7
        D11   TA041BN4
        D13   TA041BN6

B1      CONNECTOR
        A13   TB412FG2
        B11   TB241GH6
        B13   TB413FG2
        C11   TB241CD2
        C13   TB414FG2
        D11   TB241ED6
        E13   TB411FD2

B2      QUAD   CARD
B3      8251987 AB88
B4
AB5
0
0       TB211 00 01 02 03 04 05
0       TB221 06 07 08 09 0A 0B
              0C 0D 0E 0F
        TB231 0H 0J 0K 0L 0M 0N
              0P 0Q 0R 0S 0T
        TB241 0U 0V 0W 0X 0Y 0Z
              10 11 12 13 14
        TB231 15
        TB251 16
        TB241 17 18 19 1A 1B 1C
              1D 1E 1F 1G 1H 1J
              1K
        TB251 1L 1M 1N 1P 1Q
        TB241 1S 1T
        TB251 1W

C1      CONNECTOR
        A11   TA321DC2
        A13   TB412FD2
        B11   TA321EF2
        B13   TB413FD2
        C11   TA311FE2
        D13   TA071EC1
        E11   TA361CB2
        E13   TA071EC3

C2      QUAD   CARD
C3      8218941 7621
C4
C5

        TB121 00
        TB111 01 02 03 04 05 06
              07 08 09 0A 0B 0C
              0D
        TB141 0E
        TB121 0F
        TB111 0G
        TB121 0H
        TB131 0J 0K
        TB111 0L
        TB121 0M
        TB131 0N 0P
        TB111 0Q
        TB121 0R
        TB131 0S 0T
        TB111 0U
        TB121 0V 0W
        TB131 0X
        TB111 0Y
        TB121 02 10
        TB151 11
        TB111 12
        TB141 13 14
        TB131 15
        TB141 16 17
        TB121 18 19 1A 1B 1C
        TB141 1D 1E
        TB131 1F 1G 1H
        TB111 1J
        TB141 1K
        TB131 1L 1M 1N 1P 1Q
        TB141 1R 1S 1T 1U
        TB151 1V 1W 1X 1Y 1Z 20
        TB161 22
        TB131 23 24 25 26 27
        TB111 28 29 2A 2B 2C 2D
        TB121 2E 2F 2G 2H 2J 2K
        TB131 2L 2M 2N
        TB161 2P
        TB141 2Q 2R
        TB161 2T
        TB151 2U
        TB161 2V 2W 2X 2Y 22 30
        TB131 31
        TB121 32 33
        TB131 34
        TB121 35 36 37 38 39 3A
        TB131 3B
        TB151 3C
        TB141 3D
        TB121 3E
        TB161 3K 3L 3M 3N 3P 3Q
        TB131 3R
        TB141 3S
        TB121 3T 3U 3V 3W 3X 3Y
              32 40
        TB141 41

D1      CONNECTOR
        E11   TA081CC3
        E13   TA081CA1

D2      QUAD   CARD
D3      8233266 7619
D4
D5

        TA921 00 01
        TA911 02 03 04 05 06 07
        TA921 08
        TA911 09 0A 0B 0C 0D 0E
              0F
        TA921 0G

        TA911 0H 0J 0K 0L 0M 0N
              0P 0Q 0R 0S 0T 0U
              0V 0W 0X 0Y
        TA921 0Z
        TA911 10
        TA921 11 12
        TA911 13
        TA921 14 15 16 17 18 19
              1A 1B 1C 1D 1E 1F
              1G 1H 1J 1K 1L 1M
              1N 1P
        TA911 1Q 1R
        TA941 1S
        TA921 1T 1V
        TA931 1W
        TA911 1X
        TA921 1Y 1Z 20
        TA931 21
        TA941 22
        TA921 23
        TA931 24 25 26 27 28 29
              2A 2B 2C 2D 2E 2F
              2G 2H
        TA941 2J 2K 2L 2M 2N 2P
              2Q 2R 2S 2T 2U 2V
              2W 2X 2Y 2Z 30
        TA921 31
        TA911 32 33
        TA941 34 35 39 3A
        TA931 3B 3C 3D 3E 3F 3G
              3H 3J
        TA921 3K 3L 3M 3N
        TA931 3P 3Q 3R
        TA921 3S
        TA911 3T 3U
        TA921 3W

E1      CONNECTOR
        A11   TB414FD2
        B13   TA081CA3
        C11   TA081DF7
        C13   TA081CA5
        D11   TB241BK6
        D13   TA081CA7
        E11   TA081CC5

E2      QUAD   CARD
E3      8236647 7613
E4
E5

        TA311 00 01 02 03 04
        TA331 05
        TA311 06 07 08 09
        TA361 0A
        TA311 0B 0C 0D 0E 0F 0G
              0H 0J
        TA321 0K
        TA351 0L
        TA361 0M 0N 0P 0Q
        TA331 0R 0S
        TA321 0T 0U
        TA331 0V
        TA321 0W 0X 0Y 0Z 10
        TA331 11
        TA321 12 13 14 15 16 17
              18 19 1A
        TA331 1B
        TA321 1C 1D 1E 1F
        TA331 1G 1H 1J 1K 1L 1M
              1N 1P 1Q
        TA311 1S
        TA331 1T 1U
        TA341 1V 1W
        TA351 1X
        TA331 1Y
        TA341 1Z 20 21 22
        TA351 23 24 25 26
        TA341 27
        TA361 28 29
        TA311 2A
        TA341 2B 2C 2D
        TA361 2E 2F
        TA351 2G 2H 2J
        TA321 2K
        TA341 2L
        TA361 2M
        TA341 2N
        TA311 2P 2Q 2R 2S
        TA341 2T 2U 2V 2W 2X 2Y
        TA351 2Z 30 31 32 33 34
        TA361 37 3K
        TA331 3L
        TA361 3M 3N 3P
        TA341 3Q
        TA351 3R 3S 3T
        TA331 3U
        TA311 3Z
        TA331 40

        TA341 60 61

F1      CONNECTOR
        A13   TA081CB2
        B11   TA081CC7
        B13   TB411FG2
        C11   TA081CD2
        C13   TA081CB4
        D11   TA081CD4
        E13   TA081CB6

F2      QUAD   CARD
F3      8239396 7618
F4
F5

        TA811 00 01 02 03 04 05
              06
        TA831 07
        TA821 08
        TA831 09
        TA821 0A 0B 0C
        TA841 0D
        TA811 0E 0F
        TA831 0G
        TA841 0H
        TA821 0J
        TA811 0K 0L 0M 0N
        TA861 0P
        TA821 0Q 0R 0S 0T
        TA831 0U
        TA821 0V
        TA831 0W 0X
        TA821 0Y
        TA831 0Z
        TA821 10 11
        TA831 12 13 14
        TA841 15 16
        TA831 17 18 19
        TA841 1A
        TA811 1B
        TA841 1C
        TA861 1D 1E 1F
        TA851 1G
        TA841 1H 1J 1K
        TA831 1L
        TA821 1M
        TA831 1N
        TA841 1P 1Q
        TA831 1R 1S 1T
        TA841 1U 1V 1W 1X 1Y 1Z
              20 21 22 23 24
        TA861 25 26 27 28
        TA831 29
        TA841 2A
        TA831 2B 2C
        TA841 2D
        TA831 2E 2F
        TA861 2G 2H 2J 2K 2L 2M
              2N 2P 2Q 2R 2S 2T
              2U 2V
        TA831 2W
        TA821 2X
        TA851 2Y 2Z
        TA861 30 31 32
        TA851 33
        TA861 34 35
        TA821 36
        TA831 37 38
        TA851 39
        TA821 3A
        TA851 3B
        TA831 3C
        TA811 3F
        TA851 3G

G1      CONNECTOR
        A11   TB241CK6
        A13   TA081CC1

G2      QUAD   CARD
G3      8250147 7620
G4
G5

        TB031 00 01 02 03 04 05
              06
        TB041 07 08
        TB051 09 0A 0B 0C 0D
        TB031 0E 0F 0G 0H 0J 0K
              0L
        TB021 0M
        TB011 0N
        TB031 0P
        TB041 0Q 0R 0S 0T 0U
        TB061 0V
        TB041 0W 0X 0Y 0Z 10
        TB051 11 12
        TB011 13 14 15 16 17 18
              19 1A
        TB051 1B
        TB011 1C
        TB061 1D
        TB011 1E 1F 1G 1H 1J 1K
        TB061 1L
        TB011 1M 1N 1P 1Q
        TB051 1R
        TB011 1S 1T 1U 1V 1W 1X
              1Y 1Z 20
        TB021 21 22 23 24
        TB061 25
        TB021 26 27 28 29 2A
        TB051 2B
        TB021 2C
        TB051 2D
        TB021 2E
        TB061 2F 2G 2H 2J
        TB031 2K 2L 2M
        TB051 2N 2P 2Q 2R 2S 2T
        TB061 2U
        TB031 2V
        TB011 2W
        TB061 2X 2Y 2Z
        TB041 31
        TB061 32 33
        TB011 34
        TB041 35
        TB051 36 37
        TB011 38
        TB061 39 3A 3B 3C 3D 3E
        TB041 3F 3G 3H
        TB021 3J
        TB041 3K 3L
        TB021 3M

H1      CONNECTOR
        A13   TA631CE6
        B11   TA321EH2
        C13   TA761EL6
        D11   TA331CB2
        D13   TA761EJ6
        E11   TA321EK2
        E13   TA761EE6

H2      QUAD   CARD
H3      8218948 7612
H4
H5

        TA211 00 01
        TA221 02
        TA211 03
        TA261 04
        TA211 05 06
        TA271 07
        TA261 08
        TA251 09 0A 0B 0C
        TA211 0D 0E
        TA221 0F
        TA271 0G
        TA211 0H
        TA271 0J 0K
        TA211 0L 0M 0N
        TA271 0P
        TA261 0Q 0R
        TA211 0S
        TA261 0T
        TA221 0U 0V 0W 0X 0Y 0Z
              10 11 12 13 14 15
              16 17 18 19
        TA231 1D 1E 1F 1G 1H 1J
              1K 1L 1M 1N 1P 1Q 1R
              1S 1T 1U 1V
        TA251 1Z 20
        TA231 21 22 23 24 25 26
              27 28
        TA271 29 2A 2B
        TA261 2C 2D 2E 2F 2G 2H
              2J
        TA231 2K
        TA261 2L 2M 2N
        TA211 2P 2Q 2R
        TA261 2S 2T 2U 2V 2W 2X
              2Y
        TA211 22
        TA251 30 31 32
        TA261 33 34 35 36
        TA231 37
        TA261 38
        TA211 39 3A 3B 3C
        TA261 3D 3E
        TA211 3F
        TA251 3H 3J 3K 3L 3M
        TA261 3N 3P 3Q 3R
        TA271 3S
        TA211 3T
        TA251 3U 3V
        TA211 3W 3X

J1      CONNECTOR
        A11   TA621CM2
        B13   TA761EG6
        C11   TA621CC2
        C13   TA761GC6
        D11   TA621CF2
        D13   TA311FK2
        E11   TA621CJ2

J2      QUAD   CARD
J3      8238650 7615
J4
J5

        TA561 00 01 02 03 04 05
        TA551 06 07 08 09 0A 0B
        TA561 0C 0D 0E 0F 0G 0H
        TA551 0J 0K 0L 0M 0N 0P
        TA561 0Q 0R 0S 0T 0U 0V
              0W 0X 0Y 0Z
        TA555 10 11 12 13 14 15
              16 17 18 19
        TA555 1A 1B 1C
        TA545 1D 1E 1F
        TA555 1G 1H 1J 1K
        TA565 1M 1N
        TA555 1P 1Q 1R
        TA561 1S
        TA565 1T 1U
        TA555 1V
        TA561 1W
        TA565 1X
        TA545 1Y
        TA571 1Z 20
        TA551 21
        TA545 22
        TA551 23
        TA545 24
        TA571 25 26
        TA545 27 28 29 2A 2B
        TA555 2C 2D 2E
        TA545 2F 2G 2H
        TA555 2J 2K 2L 2M 2N 2P
              2Q 2R 2S 2T
        TA571 2U
        TA545 2V 2W 2X 2Y 2Z 30
              31 32 33 34
        TA565 40 41 42 43 44 45

K1      CONNECTOR
        A13   TA631DG6
        B11   TA761EN6
        B13   TA631CL6

K2      QUAD   CARD
K3      8211491 7614
K4
K5

        TA411 00 01 02 03 04 05
              06 07 08 09 0A 0B
              0C 0D 0E 0F
        TA421 0G 0H 0J 0K 0L 0M
              0N 0P 0Q 0R 0S 0T
              0U 0V 0W 0X
        TA431 0Y 0Z 10 11 12 13
              14 15 16 17 18 19
              1A 1B 1C 1D
        TA441 1E 1F 1G 1H 1J 1K
              1L 1M 1N 1P 1Q 1R
              1S 1T 1U 1V
        TA451 1W 1X 1Y 1Z 20 21
              22 23 24 25 26 27
              28 29 2A 2B 2C 2D
              2F 2G 2H 2J 2K 2L
              2M 2N 2P 2Q 2R 2S
              2T 2U 2V
        TA441 2W

L1      CONNECTOR
        D11   TA071EK5
        D13   TA071CN2
        E11   TB241EM6

L2      QUAD   CARD
L3      8231424 7616
L4
L5

        TA611 00 01 02 03
        TA631 04
        TA611 05 06
        TA621 07
        TA611 08 09 0A 0B
        TA621 0C
        TA611 0D 0E 0F 0G
        TA631 0H 0J 0K
        TA621 0L 0M 0N 0P 0Q 0R
              0S 0T 0U 0V 0W 0X
              0Y 0Z 10 11
        TA641 12
        TA611 13
        TA621 14
        TA631 15
        TA621 16 17 18 19
        TA631 1A 1B 1C 1D 1E 1F
              1G 1H 1J 1K 1L
        TA621 1M 1N
        TA631 1P 1Q 1R 1S 1T 1U
        TA621 1V 1W 1X 1Y 1Z 20
              21 22 23 24
        TA641 25
        TA621 26
        TA641 27 28 29 2A 2B 2C
              2D
        TA611 2E 2F 2G
        TA631 2H
        TA611 2J
        TA631 2K 2L 2M 2N
        TA651 2P
        TA631 2Q
        TA651 2R 2S 2T 2U
        TA631 2V
        TA651 2W 2X
        TA631 2Y
        TA651 2Z 30
        TA621 31
        TA611 32
        TA641 33 34
        TA611 35 36 37 38 39 3A
              3B 3C 3D
        TA631 3J 3K 3L 3M 3N
        TA611 3P 3Q 3R 41

L6      CONNECTOR
        D02   TA021BG4
        D04   TA021BA4
        E02   TA021DG4

M1      CONNECTOR
        A13   TB412FG6
        B11   TB241GJ6
        B13   TB413FG6
        C11   TB241CE2
        C13   TB414FG6
        D11   TB241EE6
        E13   TB411FD6

M2      QUAD   CARD
M3      8235407 7617
M4
M5

        TA711 00 01 02 03 04 05
        TA731 06
        TA711 07 08
        TA721 09 0A
        TA711 0B 0C 0D 0E 0F 0G
              0H 0J 0K
        TA721 0L
        TA711 0M 0N 0P 0Q 0R 0S
              0T 0U 0V
        TA721 0W 0X 0Y 0Z 10 11
              12 13 14
        TA761 15
        TA721 16 17
        TA731 18 19
        TA761 1A
        TA721 1B 1C 1D 1E 1F 1G
        TA761 1H
        TA731 1J 1K 1L 1M 1N 1P
              1Q 1R 1S 1T 1U 1V
              1W 1X 1Y 1Z 20
        TA721 21 22 23 24
        TA741 25 26 27 28 29 2A
        TA731 2B 2C
        TA761 2D 2E 2F
        TA731 2G 2H 2J 2K 2L
        TA761 2M 2N 2P
        TA711 2Q
        TA761 2R 2S 2T 2U 2V 2W
              2X 2Y 2Z 30 31 32
              33 34 35 36 37 38
        TA771 39 3A 3B 3C 3D 3E
              3F 3G 3H 3J 3K 3L
              3M 3N 3P 3Q 3R 3S
```

SOCKET LISTING
DATE 01-30-79 MACH. 27RNB

LOG 726 BOARD 01A-A3
PREV. ENGR. — —
PRES. ENGR. 05-24-76 314419
P.N. 1750291

IBM CORP. SDD BLK.

T A 0 0 0 0 0 030

```
                3T 3U
      TA761 3V 3W 3X 3Y
      TA731 3Z 40 41 42
      TA721 43 44
      TA711 45 48
```

```
P6          CONNECTOR
            A04   TA021DA4
            B02   TA021FG4
            B04   TA021FA4
            C02   TA021BC4
            C04   TA021BC4
            D02   TA021DJ4
            E04   TA021DC4
**********************************
N1          CONNECTOR
            A11   TA321DD2
            A13   TB413FD6
            B11   TA321EG2
            B13   TB413FD6
            C11   TA311FF2
            D13   TA071EK1
            E11   TA361CC2
            E13   TA071EK3
```

```
N2          QUAD   CARD
N3          8238650 7615
N4
N5

      TA525 00 01 02 03 04 05
      TA515 06 07 08 09 0A 0B
      TA525 0C 0D 0E 0F 0G 0H
      TA515 0J 0K 0L 0M 0N 0P
      TA525 0Q 0R 0S 0T 0U 0V
            0W 0X 0Y 0Z
      TA515 10 11 12 13 14 15
            16 17 18 19
      TA521 1A 1B 1C
      TA511 1D 1E 1F
      TA521 1G 1H 1J 1K
      TA531 1P 1N
      TA521 1P 1Q 1R
      TA525 1S
      TA531 1T 1U
      TA521 1V
      TA525 1W
      TA531 1X
      TA511 1Y
      TA535 12 20
      TA515 21
      TA511 22
      TA515 23
      TA511 24
      TA535 25 26
      TA511 27 28 29 2A 2B
      TA521 2C 2D 2E
      TA511 2F 2G 2H
      TA521 2J 2K 2L 2M 2N 2P
            2Q 2R 2S 2T
      TA535 2U
      TA511 2V 2W 2X 2Y 2Z 30
            31 32 33 34
      TA531 40 41 42 43 44 45
```

```
N6          CONNECTOR
            A02   TA021FJ4
            A04   TA021FC4
            B02   TA021BL4
            B04   TA021BE4
            C02   TA021DL4
            D04   TA021DE4
            E02   TA021FL4
            E04   TA021FE4
**********************************
P1          CONNECTOR
            E11   TA081CK3
            E13   TA081CH1
```

```
P2          QUAD   CARD
P3          8235445 7611
P4
P5

      TA121 00 01 02 03 04 05
            06 07
      TA131 08
      TA121 09 0A 0B 0C
      TA131 0D 0E
      TA121 0F 0G 0H
      TA131 0J
      TA121 0K 0L 0M
T     TA131 0N
A     TA121 0P 0Q
0     TA131 0R
0     TA121 0S
0     TA131 0T
      TA141 0U
      TA134 0V 0W 0X 0Y 0Z 10
      TA151 11 12
      TA131 13
      TA141 14
      TA131 15
      TA141 16
      TA151 17 18 19 1A 1B 1C
            1D
      TA111 1E 1F 1G 1H 1J 1K
            1L 1M 1N 1P 1R 1S
            1T 1U 1V
      TA141 1W 1X 1Y 1Z 20
      TA121 22
      TA141 23
      TA151 24 25 26 27 28 29
            2A
      TA131 2B
      TA151 2C
      TA131 2D
      TA141 2E 2F 2G
      TA111 2H
      TA121 2J
      TA111 2K
      TA131 2L 2V
```

```
P6          CONNECTOR
            E02   TA031BC5
            E04   TA031BA1
**********************************
Q1          CONNECTOR
            A11   TB414FD6
            B13   TA081CH3
            C11   TA081DN7
            C13   TA081CH5
            D11   TB241BM6
            D13   TA081CH7
            E11   TA081CK5
```

```
Q6          CONNECTOR
            A02   TA031BC7
            B04   TA031BA3
            C02   TA031BD2
            C04   TA031BA5
            D02   TA031BD4
            D04   TA031BA7
            E02   TA031BD6
**********************************
R1          CONNECTOR
            A13   TA081CJ2
            B11   TA081CK7
            B13   TB411FG6
            C11   TA081CL2
            C13   TA081CJ4
            D11   TA081CL4
            E13   TA081CJ6
```

```
R6          CONNECTOR
            A04   TA031BB2
            B02   TA031BE1
            B04   TA031BB4
            C02   TA031BE3
            C04   TA031BB6
            D02   TA031BE5
            E04   TA031BC1
**********************************
S1          CONNECTOR
            A11   TB241CM6
            A13   TA081CK1
```

```
36          CONNECTOR
            A02   TA031BE7
            A04   TA031BC3
**********************************
T1          CONNECTOR
            A13   TA631CF6
            B11   TA321EJ2
            C13   TA761DL6
            D11   TA331CC2
            D13   TA761DJ6
            E11   TA321EL2
            E13   TA761DE6
```

```
T2          DOUBLE CARD      OSC0
T3          XXXXXXX 2935

      TB411 00 0P 0Q 0S 0U 0V
            0W 0X 0Y 0Z 10 13
            14
```

```
T4          DOUBLE CARD      OSC1
T5          XXXXXXX 2935

      TB412 00 0P 0Q 0S 0U 0V
            0W 0X 0Y 0Z 10 13
            14
```

```
T6          CONNECTOR
            A02   TA031BK5
            A04   TA031BH1
            B02   TA031BK7
            C04   TA031BH3
            D02   TA031BL2
            D04   TA031BH5
            E02   TA031BL4
            E04   TA031BH7
**********************************
U1          CONNECTOR
            A11   TA621DM2
            B13   TA761DG6
            C11   TA621DC2
            C13   TA761FC6
            D11   TA621DF2
            D13   TA311FL2
            E11   TA621DJ2
```

```
U2          DOUBLE CARD      OSC2
U3          XXXXXXX 2935

      TB413 00 0P 0Q 0S 0U 0V
            0W 0X 0Y 0Z 10 13
            14
```

```
U4          DOUBLE CARD      OSC3
U5          XXXXXXX 2935

      TB414 00 0P 0Q 0S 0U 0V
            0W 0X 0Y 0Z 10 13
            14
```

```
U6          CONNECTOR
            A02   TA031BL6
            B04   TA031BJ2
            C02   TA031BN1
            C04   TA031BJ4
            D02   TA031DM4
            D04   TA031BJ6
            E02   TA031BN5
**********************************
V1          CONNECTOR
            A13   TA631DJ6
            B11   TA761DN6
            B13   TA631CM6
```

```
V2          SINGLE CARD
            5862885 N885

      TB421 00 01 02 03 04 05
            06 07 08 09 0A 0B
            0C 0D 0E 0F 0H
```

```
V3          CONNECTOR
            B02   TA021BA4
            B04   TA021DA4
            B05   TA021FA4
            B06   TA021BC4
            B08   TA021DC4
            B09   TA021FC4
            B10   TA021BE4
            B12   TA021DE4
            B13   TA021FE4
            D02   TA021BG4
            D03   TA021DG4
            D05   TA021FG4
            D06   TA021BJ4
            D07   TA021DJ4
            D09   TA021FJ4
            D10   TA021BL4
            D11   TA021DL4
            D13   TA021FL4
```

```
V4          CONNECTOR
            B02   TA031BA1
            B04   TA031BA3
            B05   TA031BA5
            B06   TA031BA7
            B08   TA031BB2
            B09   TA031BB4
            B10   TA031BB6
            B12   TA031BC1
            B13   TA031BC3
            D02   TA031BC5
            D03   TA031BC7
            D05   TA031BD2
            D06   TA031BD4
            D07   TA031BD6
            D09   TA031BE1
            D10   TA031BE3
            D11   TA031BE5
            D13   TA031BE7
```

```
V5          CONNECTOR
            B02   TA031BH1
            B04   TA031BH3
            B05   TA031BH5
            B06   TA031BH7
            B08   TA031BJ2
            B09   TA031BJ4
            B10   TA031BJ6
            B12   TA031BK1
            B13   TA031BK3
            D02   TA031BK5
            D03   TA031BK7
            D05   TA031BL2
            D06   TA031BL4
            D07   TA031BL6
            D09   TA911FN6
            D10   TA031DM4
            D11   TA031BN5
            D13   TA031BN7
```

```
V6          CONNECTOR
            A04   TA031BK1
            B02   TA031BN7
            B04   TA031BK3
**********************************
```

PLUG LIST

PART NO	ACC	TYPE	SOCKETS		TOTAL
5862885		N885	V2		01
8211491		7614	K2		01
8218941		7621	C2		01
8218948		7612	M2		01
8231424		7616	L2		01
8233266		7619	B2		01
8235407		7617	N2		01
8235445		7611	P2		01
8236647		7613	E2		01
8238650		7615	J2	N2	02
8239396		7618	F2		01
3250147		7620	G2		01
8251987		AB88	B2		01
		CONN	A1 A2 A3 A4		37
			A5 B1 C1 D1		
			E1 F1 G1 H1		
			J1 K1 L1 L6		
			M1 M6 N1 N6		
			P1 P6 Q1 Q6		
			R1 R6 S1 S6		
			T1 T6 U1 U6		
			V1 V3 V4 V5		
			V6		
XXXXXXX	OSC0	2935	T2		01
XXXXXXX	OSC1	2935	T4		01
XXXXXXX	OSC2	2935	U2		01
XXXXXXX	OSC3	2935	U4		01

```
SOCKET LISTING
DATE 01-30-79  MACH. 27RNB

LOG  726          BOARD 01A-A3
PREV. ENGR.  -  -
PRES. ENGR. 05-24-76  314419
P.N. 1750291                    030
IBM CORP.  SDC  BLK.
```

T A 0 0 0 0

1785386

CSB - LIB CABLE 1 INTERFACE 1

A3 BOARD			A2 BOARD			A1 BOARD			B1 BOARD		
FROM	CSB EXIT	LINE NAME	ENTRY	LIB 1	EXIT	ENTRY	LIB 2	EXIT	ENTRY	LIB 3	EXIT
TA071EC1	C1DI3	SPARE	C6D04		C1DI3	C6D04		C1DI3	C1EI3		C6E04
TA071EC3	C1EI3	SPARE	C6E04		C1EI3	C6E04		C1EI3	C1DI3		C6D04
TA071EA3	B1AI3	+XMIT OSC 1	B6A04		B1AI3	B6A04		B1AI3	B1AI3		B6A04
TA071EA5	B1BI3	+XMIT OSC 2	B6B04		B1BI3	B6B04		B1BI3	B1BI3		B6B04
TA071EA7	B1CI3	+XMIT OSC 3	B6C04		B1CI3	B6C04		B1CI3	B1CI3		B6C04
TA071EB2	B1EI3	+RECEIVE OSC 0	B6E04		B1EI3	B6E04		B1EI3	B1EI3		B6E04
TA071EB4	C1AI3	+RECEIVE OSC 1	C6A04	SEE CHART FOR ENTRY/EXIT LOGIC BY LIB TYPE.	C1AI3	C6A04		C1AI3	C1AI3		C6A04
TA071EB6	C1BI3	+RECEIVE OSC 2	C6B04		C1BI3	C6B04		C1BI3	C1BI3		C6B04
TA071EC7	A1EI1	+BCC SEL 4	A6E02	NOTE:	A1EI1	A6E02		A1EI1	A1EI1		A6E04
TA071ED2	B1BI1	+BCC SEL 8	B6B02	TERMINATOR CARD 5862885 PLUGGED IN SOCKET A4 OF LAST LIB BOARD INSTALLED.	B1BI1	B6B02		B1BI1	B1BI1		B6B02
TA071ED4	B1CI1	+BCC READ	B6C02		B1CI1	B6C02		B1CI1	B1CI1		B6C02
TA071ED6	B1DI1	-BCC WRITE	B6D02		B1DI1	B6D02		B1DI1	B1DI1		B6D02
TA071EE1	C1AI1	+CSB CONTROL OUT A	C6A02		C1AI1	C6A02		C1AI1	C1AI1		C6A02
TA071EE3	C1BI1	+CSB CONTROL OUT B	C6B02		C1BI1	C6B02		C1BI1	C1BI1		C6B02
TA071EE5	C1CI1	+TEST DATA MARK	C6C02		C1CI1	C6C02		C1CI1	C1CI1		C6C02
TA071EE7	C1EI1	+RESET BIT SERVICE	C6E02		C1EI1	C6E02		C1EI1	C1EI1		C6E02
TA071EC5	A1DI1	+LIB ACTIVE FEED THRU	A6D02		A1DI1	A6D02		A1DI1	A1DI3		A6D04

LIB - CSB CABLE 1 INTERFACE 1

B1 BOARD			A1 BOARD			A2 BOARD			CSB	
ENTRY	LIB 3	EXIT	ENTRY	LIB 2	EXIT	ENTRY	LIB 1	EXIT	LINE NAME	ENTRY	TO
A6D02		A1DI1	A1DI3		A6D04	A1DI3		A6D04	+LIB ACTIVE OUT	A1DI3	TA071

INTERNATIONAL BUSINESS MACHINES CORP.

NAME: CSB-LIB CABLE

DESIGN
DETAIL: VR MAR72
CHECK
APPRO
MODEL
DRAW
CHECK

DATE / CHANGE NO.: APR72 309539; JUL72 309533

NOTE
X PRINT TO ENG. SPEC. NO.

DEVELOPMENT NO.

1785386

DRAFTING MEDIA GRAPHIC CONTROLS CORPORATION STOCK NO. N6807 14999

LOGIC PAGE
TA001
SHEET 1 OF 2

1785386

1785386

CSB - LIB CABLE 1 INTERFACE 2

A3 BOARD CSB			B2 BOARD			B3 BOARD			B4 BOARD		
FROM	EXIT	LINE NAME	ENTRY	LIB 4	EXIT	ENTRY	LIB 5	EXIT	ENTRY	LIB 6	EXIT
TA071EK1	N1D13	SPARE	C1E13	SEE CHART FOR ENTRY/EXIT LOGIC BY LIB TYPE. NOTE: TERMINATOR CARD 5862885 PLUGGED IN SOCKET A4 OF LAST LIB BOARD INSTALLED. THIS CARD IS INSTALLED IN SOCKET V2 OF THE A3 BOARD IF NO LIBS ARE INSTALLED ON INTERFACE 2.	C6E04	C1E13		C6E04	C1E13		C6E04
TA071EK3	N1E13	SPARE	C1D13		C6D04	C1D13		C6D04	C1D13		C6D04
TA071EH3	M1A13	+XMIT OSC 1	B1A13		B6A04	B1A13		B6A04	B1A13		B6A04
TA071EH5	M1B13	+XMIT OSC 2	B1B13		B6B04	B1B13		B6B04	B1B13		B6B04
TA071EH7	M1C13	+XMIT OSC 3	B1C13		B6C04	B1C13		B6C04	B1C13		B6C04
TA071EJ2	M1E13	+RECEIVE OSC 0	B1E13		B6E04	B1E13		B6E04	B1E13		B6E04
TA071EJ4	N1A13	+RECEIVE OSC 1	C1A13		C6A04	C1A13		C6A04	C1A13		C6A04
TA071EJ6	N1B13	+RECEIVE OSC 2	C1B13		C6B04	C1B13		C6B04	C1B13		C6B04
TA071EK7	L1E11	+BCC SEL 4	A1E11		A6E02	A1E11		A6E02	A1E11		A6E02
TA071EL2	M1B11	+BCC SEL 8	B1B11		B6B02	B1B11		B6B02	B1B11		B6B02
TA071EL4	M1C11	+BCC READ	B1C11		B6C02	B1C11		B6C02	B1C11		B6C02
TA071EL6	M1D11	-BCC WRITE	B1D11		B6D02	B1D11		B6D02	B1D11		B6D02
TA071EM1	N1A11	+CSB CONTROL OUT A	C1A11		C6A02	C1A11		C6A02	C1A11		C6A02
TA071EM3	N1B11	+CSB CONTROL OUT B	C1B11		C6B02	C1B11		C6B02	C1B11		C6B02
TA071EM5	N1C11	+TEST DATA MARK	C1C11		C6C02	C1C11		C6C02	C1C11		C6C02
TA071EM7	N1E11	+RESET BIT SERVICE	C1E11		C6E02	C1E11		C6E02	C1E11		C6E02
TA071EK5	L1D11	+LIB ACTIVE FEED THRU	A1D13		A6D04	A1D13		A6D04	A1D13		A6D04

LIB - CSB CABLE 1 INTERFACE 2

B4 BOARD ENTRY	B4 BOARD LIB 6	B4 BOARD EXIT	B3 BOARD ENTRY	B3 BOARD LIB 5	B3 BOARD EXIT	B2 BOARD ENTRY	B2 BOARD LIB 4	B2 BOARD EXIT	A3 BOARD LINE NAME	CSB ENTRY	TO
A6D02		A1D11	A6D02		A1D11	A6D02		A1D11	+LIB ACTIVE OUT	L1D13	TA071

LIB TYPE	ENTRY	EXIT
1	VA020	VA022
2	VC020	VC022
3	VE020	VE022
4	VG020	VG022
5	VJ020	VJ022
6	VL020	VL022
7	VN020	VN022
8	VQ020	VQ022
9	VS020	VS022

INTERNATIONAL BUSINESS MACHINES CORP.

	NAME	DATE	CHANGE NO.	DATE
DESIGN	CSB-LIB CABLE 1	APR72	309539	
DETAIL VR MAR72		JUL72	309533	
CHECK				
APPRO				
DRAW MODEL				
CHECK				

DRAFTING MEDIA | GRAPHIC CONTROLS CORPORATION STOCK NO. N6SOT 14895

NOTE
X PRINT TO ENG. SPEC. NO.

DEVELOPMENT NO.

1785386

LOGIC PAGE
TA001
SHEET 2 OF 2

1785386

CSB - LIB CABLE 2 INTERFACE 1

FROM	A3 BOARD CSB EXIT	LINE NAME	A2 BOARD LIB 1 ENTRY		A2 BOARD LIB 1 EXIT	A1 BOARD LIB 2 ENTRY		A1 BOARD LIB 2 EXIT	B1 BOARD LIB 3 ENTRY		B1 BOARD LIB 3 EXIT
TA081EE1	FIBI3	+XMIT OSC 0	F6B04		FIBI3	F6B04		FIBI3	FIBI3		F6B04
TA081EE3	EIAI1	+RECEIVE OSO 3	E6A02		EIAI1	E6A02		EIAI1	EIAI1		E6A02
TA081EF7	EICI1	+BIT OVERRUN RST	E6C02		EICI1	E6C02		EICI1	EICI1		E6C02
TA081EE5	EIDI1	+BCC SEL 1	E6D02		EIDI1	E6D02		EIDI1	EIDI1		E6D02
TA081EE7	GIAI1	+BCC SEL 2	G6A02		GIAI1	G6A02		GIAI1	GIAI1		G6A02

LIB - CSB CABLE INTERFACE 1

B1 BOARD LIB 3 ENTRY		B1 BOARD LIB 3 EXIT	A1 BOARD LIB 2 ENTRY		A1 BOARD LIB 2 EXIT	A2 BOARD LIB 1 ENTRY		A2 BOARD LIB 1 EXIT	A3 BOARD LINE NAME	CSB ENTRY	TO
D6E02		DIEI1	DIEI3		D6B04	DIEI3		D6E04	+L.S. PARITY ERROR 1	DIEI3	TA081
G6A04		GIAI3	FIEI3		F6E04	FIEI3		F6E04	+L.S. PARITY ERROR 2	FIEI3	TA081
F6E04		FIEI3	GIAI3		G6A04	GIAI3		G6A04	+L.S. PARITY ERROR 3	GIAI3	TA081
D6E04		DIEI3	DIEI1		D6E02	DIEI1		D6E02	+L.S. PARITY ERROR 4	DIEI1	TA081
E6B04	SEE CHART FOR	EIBI3	EIBI3		E6B04	EIBI3		E6B04	+CSB DATA IN 1	EIBI3	TA081
E6C04	ENTRY/EXIT	EICI3	EICI3		E6C04	EICI3		E6C04	+CSB DATA IN 2	EICI3	TA081
E6D04	LOGIC BY LIB	EIDI3	EIDI3		E6D04	EIDI3		E6D04	+CSB DATA IN 3	EIDI3	TA081
F6A04	TYPE.	FIAI3	FIAI3		F6A04	FIAI3		F6A04	+LIB ADDRESS ERROR	FIAI3	TA081
F6C04		FICI3	FICI3		F6C04	FICI3		F6C04	+AUTO CALL PRESENT	FICI3	TA081
E6E02		EIEI1	EIEI1		E6E02	EIEI1		E6E02	+CSB DATA IN 7	EIEI1	TA081
F6B02		FIBI1	FIBI1		F6B02	FIBI1		F6B02	+CSB DATA IN 4	FIBI1	TA081
F6C02		FICI1	FICI1		F6C02	FICI1		F6C02	+CSB DATA IN 5	FICI1	TA081
F6D02		FIDI1	FIDI1		F6D02	FIDI1		F6D02	+CSB DATA IN 6	FIDI1	TA081

1785387

CSB - LIB CABLE 2 INTERFACE 2

A3 BOARD FROM	CSB EXIT	LINE NAME	B2 BOARD ENTRY	LIB 4	EXIT	B3 BOARD ENTRY	LIB 5	EXIT	B4 BOARD ENTRY	LIB 6	EXIT
TA081EM1	R1B13	+XMIT OSC 0	F1B13		F6B04	F1B13		F6B04	F1B13		F6B04
TA081EM3	Q1A11	+RECEIVE OSC 3	E1A11		E6A02	E1A11		E6A02	E1A11		E6A02
TA081EN7	Q1C11	+BIT OVERRUN RST	E1C11		E6C02	E1C11		E6C02	E1C11		E6C02
TA081EM5	Q1D11	+BCC SEL 1	E1D11		E6D02	E1D11		E6D02	E1D11		E6D02
TA081EM7	S1A11	+BCC SEL 2	G1A11		G6A02	G1A11		G6A02	G1A11		G6A02

LIB TYPE	ENTRY	EXIT
1	VA022	VA020
2	VC022	VC020
3	VE022	VE020
4	VG022	VG020
5	VJ022	VJ020
6	VL022	VL020
7	VN022	VN020
8	VQ022	VQ020
9	VS022	VS020

LIB - CSB CABLE 2 INTERFACE 2

B4 BOARD ENTRY	LIB 6	EXIT	B3 BOARD ENTRY	LIB 5	EXIT	B2 BOARD ENTRY	LIB 4	EXIT	A3 BOARD LINE NAME	CSB ENTRY	TO
D6E02		D1E11	D6E02		D1E11	D6E02		D1E11	+L.S. PARITY ERROR 1	P1E13	TA081
G6A04		G1A13	G6A04		G1A13	G6A04		G1A13	+L.S. PARITY ERROR 2	R1E13	TA081
F6E04		F1E13	F6E04		F1E13	F6E04		F1E13	+L.S. PARITY ERROR 3	S1A13	TA081
D6E04		D1E13	D6E04		D1E13	D6E04		D1E13	+L.S. PARITY ERROR 4	P1E11	TA081
E6B04		E1B13	E6B04		E1B13	E6B04		E1B13	+CSB DATA IN 1	Q1B13	TA081
E6C04	SEE CHART FOR	E1C13	E6C04		E1C13	E6C04		E1C13	+CSB DATA IN 2	Q1C13	TA081
E6D04	ENTRY/EXIT	E1D13	E6D04		E1D13	E6D04		E1D13	+CSB DATA IN 3	Q1D13	TA081
F6A04	LOGIC BY LIB	F1A13	F6A04		F1A13	F6A04		F1A13	+LIB ADDRESS ERROR	R1A13	TA081
F6C04	TYPE.	F1C13	F6C04		F1C13	F6C04		F1C13	+AUTO CALL PRESENT	R1C13	TA081
E6E02		E1E11	E6E02		E1E11	E6E02		E1E11	+CSB DATA IN 7	Q1E11	TA081
F6B02		F1B11	F6B02		F1B11	F6B02		F1B11	+CSB DATA IN 4	R1B11	TA081
F6C02		F1C11	F6C02		F1C11	F6C02		F1C11	+CSB DATA IN 5	R1C11	TA081
F6D02		F1D11	F6D02		F1D11	F6D02		F1D11	+CSB DATA IN 6	R1D11	TA081

INTERNATIONAL BUSINESS MACHINES CORP.

NAME CSB-LIB CABLE 2

DESIGN	DETAIL	CHECK	APPRO	MODEL	DRAW	CHECK
	VR MAR72					

DATE	CHANGE NO.
APR72	309539
JUL72	309533

NOTE X PRINT TO ENG. SPEC. NO.

DEVELOPMENT NO.

1785387

LOGIC PAGE TA002

SHEET 2 OF 2

1785387

1785388

CSB - LIB CABLE 3 INTERFACE 1

FROM	CSB EXIT	A3 BOARD LINE NAME	ENTRY	A2 BOARD LIB 1 EXIT	ENTRY	A1 BOARD LIB 2 EXIT	ENTRY	B1 BOARD LIB 3 EXIT
TA09IEA1	HIAI3	-LIB SEL 1	H6A04	HIAI3	H6A04	HIAI3	HIAI1	H6A02
TA09IEC1	KIAI3	-LIB SEL 2	K6A04	KIAI3	K6A04	KIBI3	KIBI3	K6B04
TA09IEC3	KIBI3	-LIB SEL 3	K6B04	KIBI3	K6B04	KIBI3	KIAI3	K6A04
TA09IEC5	HIAI1	-LIB SEL 4	H6A02	HIAI1	H6A02	HIAI1	HIAI3	H6A04
TA09IEA3	HICI3	-CSB DATA OUT 2	H6C04	HICI3	H6C04	HICI3	HICI3	H6C04
TA09IEA5	HIDI3	-CSB DATA OUT 3	H6D04	HIDI3	H6D04	HIDI3	HIDI3	H6D04
TA09IEA7	HIEI3	-CSB DATA OUT 4	H6E04	HIEI3	H6E04	HIEI3	HIEI3	H6E04
TA09IEB2	JIBI3	-CSB DATA OUT 5	J6B04	JIBI3	J6B04	JIBI3	JIBI3	J6B04
TA09IEB4	JICI3	-CSB DATA OUT 6	J6C04	JICI3	J6C04	JICI3	JICI3	J6C04
TA09IEB6	JIDI3	-CSB DATA OUT 7	J6D04	JIDI3	J6D04	JIDI3	JIDI3	J6D04
TA09IEC7	HIBI1	+CONTROL IN A	H6B02	HIBI1	H6B02	HIBI1	HIBI1	H6B02
TA09IED2	HIDI1	+CONTROL IN B	H6D02	HIDI1	H6D02	HIDI1	HIDI1	H6D02
TA09IED4	HIEI1	+CONTROL IN C	H6E02	HIEI1	H6E02	HIEI1	HIEI1	H6E02
TA09IED6	JIAI1	-ADDRESS SELECT 8	J6A02	JIAI1	J6A02	JIAI1	JIAI1	J6A02
TA09IEE1	JICI1	-ADDRESS SELECT 1	J6C02	JICI1	J6C02	JICI1	JICI1	J6C02
TA09IEE3	JIDI1	-ADDRESS SELECT 2	J6D02	JIDI1	J6D02	JIDI1	JIDI1	J6D02
TA09IEE5	JIEI1	-ADDRESS SELECT 4	J6E02	JIEI1	J6E02	JIEI1	JIEI1	J6E02
TA09IEE7	KIBI1	-CSB DATA OUT 1	K6B02	KIBI1	K6B02	KIBI1	KIBI1	K6B02

SEE CHART FOR ENTRY/EXIT LOGIC BY LIB TYPE.

INTERNATIONAL BUSINESS MACHINES CORP.

NAME: CSB-LIB CABLE 3

DESIGN
DETAIL VR MAR72
CHECK
APPRO

MODEL
DRAW
CHECK

DRAFTING MEDIA

GRAPHIC CONTROLS CORPORATION STOCK NO. 14609

DATE	CHANGE NO.
APR72	309539
JUL72	309533

NOTE
X PRINT TO ENG. SPEC. NO.

DEVELOPMENT NO.

1785388

1785388

LOGIC PAGE
TA003
SHEET 1 OF 2

1785388

CSB - LIB CABLE 3 INTERFACE 2

FROM	CSB EXIT	A3 BOARD LINE NAME	ENTRY	B2 BOARD LIB 4 EXIT	ENTRY	B3 BOARD LIB 5 EXIT	ENTRY	B4 BOARD LIB 6 EXIT
TA09IEH1	TIAI3	-LIB SEL 1	HIAII	H6A02	HIAII	H6A02	HIAII	H6A02
TA09IEK1	VIAI3	-LIB SEL 2	KIBI3	K6B04	KIBI3	K6B04	KIBI3	K6B04
TA09IEK3	VIBI3	-LIB SEL 3	KIAI3	K6A04	KIAI3	K6A04	KJAI3	K6A04
TA09IEK5	TIAII	-LIB SEL 4	HIAI3	H6A04	HIAI3	H6A04	HIAI3	H6A04
TA09IEH3	TICI3	-CSB DATA OUT 2	HICI3	H6C04	HICI3	H6C04	HICI3	H6C04
TA09IEH5	TIDI3	-CSB DATA OUT 3	HIDI3	H6D04	HIDI3	H6D04	HIDI3	H6D04
TA09IEH7	TIEI3	-CSB DATA OUT 4	HIEI3	H6E04	HIEII	H6E04	HIEII	H6E04
TA09IEJ2	UIBI3	-CSB DATA OUT 5	JIBI3	J6B04	JIBI3	J6B04	JIBI3	J6B04
TA09IEJ4	UICI3	-CSB DATA OUT 6	JICI3	J6C04	JICI3	J6C04	JICI3	J6C04
TA09IEJ6	UIDI3	-CSB DATA OUT 7	JIDI3	J6D04	JIDI3	J6D04	JIDI3	J6D04
TA09IEK7	TIBII	+CONTROL IN A	HIBII	H6B02	HIBII	H6B02	HIBII	H6B02
TA09IEL2	TIDII	+CONTROL IN B	HIDII	H6D02	HIDII	H6D02	HIDII	H6D02
TA09IEL4	TIEII	+CONTROL IN C	HIEII	H6E02	HIEII	H6E02	HIEII	H6E02
TA09IEL6	UIAII	-ADDRESS SELECT 8	JIAII	J6A02	JIAII	J6A02	JIAII	J6A02
TA09IEM1	UICII	-ADDRESS SELECT 1	JICII	J6C02	JICII	J6C02	JICII	J6C02
TA09IEM3	UIDII	-ADDRESS SELECT 2	JIDII	J6D02	JIDII	J6D02	JIDII	J6D02
TA09IEM5	UIEII	-ADDRESS SELECT 4	JIEII	J6E02	JIEII	J6E02	JIEII	J6E02
TA09IEM7	VIBII	-CSB DATA OUT 1	KIBII	K6B02	KIBII	K6B02	KIBII	K6B02

SEE CHART FOR ENTRY/EXIT LOGIC BY LIB TYPE.

TYPE LIB	ENTRY	EXIT
1	VA021	VA023
2	VC021	VC023
3	VE021	VE023
4	VG021	VG023
5	VJ021	VJ023
6	VL021	VL023
7	VN021	VN023
8	VQ021	VQ023
9	VS021	VS023

LOGIC PAGE TA003

SHEET 2 OF 2

1785388

INTERNATIONAL BUSINESS MACHINES CORP.

NAME CSB-LIB CABLE 3

DESIGN
DETAIL VR MAR72 MODEL
CHECK DRAW
APPRO CHECK

DRAFTING MEDIA GRAPHIC CONTROLS CORPORATION STOCK NO. H8807

DATE	CHANGE NO.
APR72	309539
JUL72	309533

NOTE
X PRINT TO ENG. SPEC. NO.

DEVELOPMENT NO.

1785388

000 TA021

+ INBUS BYTE 0 BIT P — AB001AB1 — 2
+ INBUS BYTE 0 BIT 0 — AB001AB2 — 4
+ INBUS BYTE 0 BIT 1 — AB001AB3 — 6
+ INBUS BYTE 0 BIT 2 — AB001AB4 — 8
+ INBUS BYTE 0 BIT 3 — AB001AB5 — 10
+ INBUS BYTE 0 BIT 4 — AB001AB6 — 12
+ INBUS BYTE 0 BIT 5 — AB001AB7 — 14
+ INBUS BYTE 0 BIT 6 — AB001AB8 — 16
+ INBUS BYTE 0 BIT 7 — AB001AB9 — 18
+ INBUS BYTE 1 BIT P — AB001AC0 — 20
+ INBUS BYTE 1 BIT 0 — AB001AC1 — 22
+ INBUS BYTE 1 BIT 1 — AB001AC2 — 24
+ INBUS BYTE 1 BIT 2 — AB001AC3 — 26
+ INBUS BYTE 1 BIT 3 — AB001AC4 — 28
+ INBUS BYTE 1 BIT 4 — AB001AC5 — 30
+ INBUS BYTE 1 BIT 5 — AB001AC6 — 32
+ INBUS BYTE 1 BIT 6 — AB001AC7 — 34
+ INBUS BYTE 1 BIT 7 — AB001AC8 — 36
+ INBUS BYTE 0 BIT P — TB161GH6 — 38
+ INBUS BYTE 1 BIT P — TB161GK6 — 40
+ INBUS BYTE 0 BIT 0 — TB211CB6 — 42
+ INBUS BYTE 0 BIT 1 — TB211CD6 — 44
+ INBUS BYTE 0 BIT 2 — TB211CF6 — 46
+ INBUS BYTE 0 BIT 3 — TB211CH6 — 48
+ INBUS BYTE 0 BIT 4 — TB211CK6 — 50
+ INBUS BYTE 0 BIT 5 — TB211CM6 — 52
+ INBUS BYTE 0 BIT 7 — TB221BD6 — 54
+ INBUS BYTE 1 BIT 2 — TB221BG6 — 56
+ INBUS BYTE 1 BIT 5 — TB221BK6 — 58
+ INBUS BYTE 0 BIT 6 — TB221CB6 — 60
+ INBUS BYTE 1 BIT 0 — TB221CE6 — 62
+ INBUS BYTE 1 BIT 3 — TB221CH6 — 64
+ INBUS BYTE 1 BIT 6 — TB221CL6 — 66
+ INBUS BYTE 1 BIT 1 — TB221DF6 — 68
+ INBUS BYTE 1 BIT 4 — TB221DJ6 — 70
+ INBUS BYTE 1 BIT 7 — TB221DM6 — 72

NOTE 1. THESE SIGNALS ENTER FROM THE NEXT CSB.

TA021
000

NOTE 1 AA: 2, 4, 6 → 103, 105, 107
NOTE 1 AE: 14, 16, 18 → 124, 126, 128
NOTE 1 AL: 32, 34, 36 → 145, 147, 149
NOTE 1 AG: 20, 22, 24 → 166, 168, 170
NOTE 1 AC: 8, 10, 12 → 187, 189, 191

0.P BA: 103, 38 → 203
0.0 DA: 105, 42 → 210
0.1 FA: 107, 44 → 217
0.5 BE: 124, 52 → 224
0.6 DE: 126, 60 → 231
0.7 FE: 128, 54 → 238
1.5 BL: 145, 58 → 245
1.6 DL: 147, 66 → 252
1.7 FL: 149, 72 → 259
1.P BG: 166, 40 → 266
1.0 DG: 168, 62 → 273
1.1 FG: 170, 68 → 280
0.2 EC: 187, 46 → 287

CCU CABLE 1 GA: 203, 210, 217 → 303, 305, 307
CCU CABLE 1 GE: 224, 231, 238 → 324, 326, 328
CCU CABLE 1 GL: 245, 252, 259 → 345, 347, 349
CCU CABLE 1 GG: 266, 273, 280 → 366, 368, 370
CCU CABLE 1 GC: 287, 403, 410 → 387, 389, 391

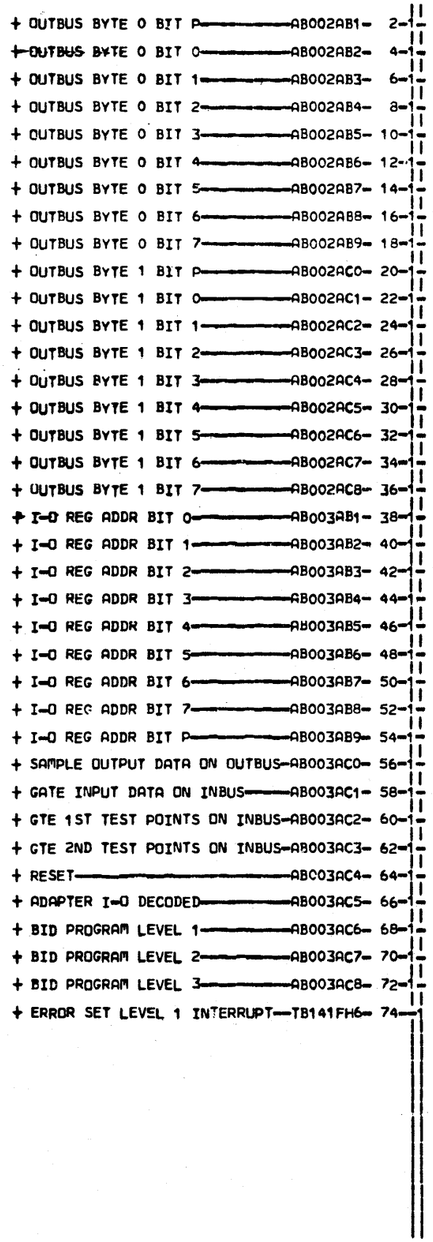
0.3 DC: 189, 48 → 403
0.4 FC: 191, 50 → 410
NOTE 1 AJ: 26, 28, 30 → 417, 419, 421
1.2 BJ: 417, 56 → 425
CCU CABLE 1 GJ: 425, 440, 447 → 432, 434, 436
1.3 DJ: 419, 64 → 440
1.4 FJ: 421, 70 → 447

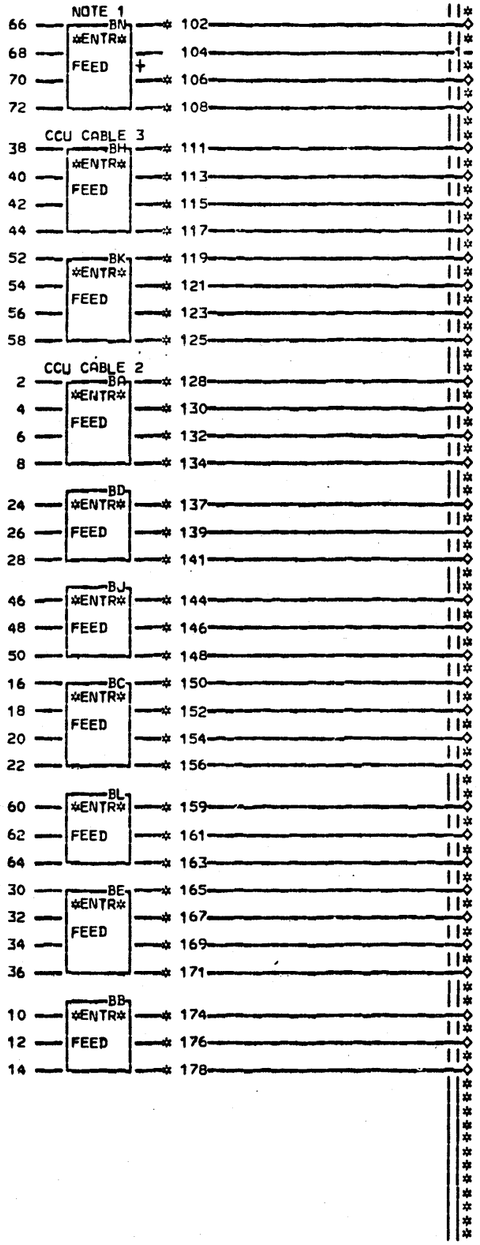
303 + INBUS BYTE 0 BIT P — AB001-GA2
305 + INBUS BYTE 0 BIT 0 — AB001-GA4
307 + INBUS BYTE 0 BIT 1 — AB001-GA6
387 + INBUS BYTE 0 BIT 2 — AB001-GC2
389 + INBUS BYTE 0 BIT 3 — AB001-GC4
391 + INBUS BYTE 0 BIT 4 — AB001-GC6
324 + INBUS BYTE 0 BIT 5 — AB001-GE2
326 + INBUS BYTE 0 BIT 6 — AB001-GE4
328 + INBUS BYTE 0 BIT 7 — AB001-GE6
366 + INBUS BYTE 1 BIT P — AB001-GG2
368 + INBUS BYTE 1 BIT 0 — AB001-GG4
370 + INBUS BYTE 1 BIT 1 — AB001-GG6
432 + INBUS BYTE 1 BIT 2 — AB001-GJ2
434 + INBUS BYTE 1 BIT 3 — AB001-GJ4
436 + INBUS BYTE 1 BIT 4 — AB001-GJ6
345 + INBUS BYTE 1 BIT 5 — AB001-GL2
347 + INBUS BYTE 1 BIT 6 — AB001-GL4
349 + INBUS BYTE 1 BIT 7 — AB001-GL6

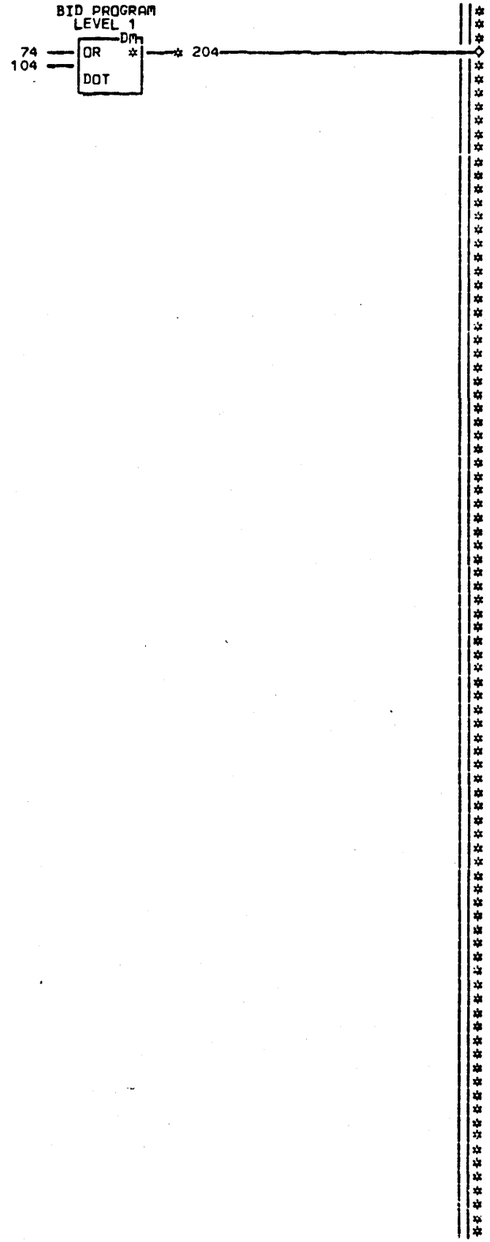
EDGE CONN. 01A-A3N6D04 01A-A3L6D02 01A-A3N6A04
203 A-A3V3B02 238 A-A3V3E13 273 A-A3V3D03 425 A-A3V3D06
01A-A3L6D04 01A-A3N6E04 01A-A3L6E02 C1A-A3M6C02
210 A-A3V3B04 245 A-A3V3D10 280 A-A3V3D05 440 A-A3V3D07
01A-A3M6A04 01A-A3N6B02 01A-A3M6B02 01A-A3M6D02
217 A-A3V3B05 252 A-A3V3D11 287 A-A3V3B06 447 A-A3V3D09
01A-A3M6B04 01A-A3N6C02 01A-A3M6C04 01A-P3N6A02
224 A-A3V3B10 259 A-A3V3D13 403 A-A3V3B08
01A-A3N6B04 01A-A3N6E02 01A-A3M6E04
231 A-A3V3B12 266 A-A3V3D02 410 A-A3V3B09

LOC. TYPE

INBUS TO CCU CR PREVIOUS ADAPTER. CABLE 1
E.C. HISTORY — B — PACH.27RNB
309518C
309539
FRAME C1
IBM CORP. SDD — TA021
DATE LAST EC
04-24-72 309545
P.N. 1788203 — 000







000 TA031

128 + OUTBUS 0•P — BA1
130 + OUTBUS 0•0 — BA3
132 + OUTBUS 0•1 — BA5
134 + OUTBUS 0•2 — BA7
174 + OUTBUS 0•3 — BB2
176 + OUTBUS 0•4 — BB4
178 + OUTBUS 0•5 — BB6
150 + OUTBUS 0•6 — BC1
152 + OUTBUS 0•7 — BC3
154 + OUTBUS 1•P — BC5
156 + OUTBUS 1•0 — BC7
137 + OUTBUS 1•1 — BD2
139 + OUTBUS 1•2 — BD4
141 + OUTBUS 1•3 — BD6
165 + OUTBUS 1•4 — BE1
167 + OUTBUS 1•5 — BE3
169 + OUTBUS 1•6 — BE5
171 + OUTBUS 1•7 — BE7
111 + I-O REG ADDR BIT 0 — BH1
113 + I-O REG ADDR BIT 1 — BH3
115 + I-O REG ADDR BIT 2 — BH5
117 + I-O REG ADDR BIT 3 — BH7
144 + I-O REG ADDR BIT 4 — BJ2
146 + I-O REG ADDR BIT 5 — BJ4
148 + I-O REG ADDR BIT 6 — BJ6
119 + I-O REG ADDR BIT 7 — BK1
121 + I-O REG ADDR BIT P — BK3
123 + SAMPLE OUTPUT DATA — BK5
125 + GATE INPUT DATA ON INBUS — BK7
159 - GTE 1ST TEST POINTS ON INBUS — BL2
161 - GTE 2ND TEST POINTS ON INBUS — BL4
163 + RESET — BL6
102 + ADAPTER I-O DECODED — TA911-BN1
106 + BID PROGRAM LEVEL 2 — TA051-BN5
108 + BID PROGRAM LEVEL 3 — TA051-BN7
204 + BID PROGRAM LEVEL 1 — TA051-DM4

NOTE 1• INBOUND SIGNALS TO CCU•

EDGE CONN• 117 A-A3V5B06 130 A-A3V4B04 144 A-A3V5B08 156 A-A3V4D03 169 A-A3V4D11
102 A-A3U6C02 01A-A3T6E04 01A-A3Q6B04 01A-A3U6B04 01A-A3Q6A02 01A-A3R6D02
106 A-A3V5D11 119 A-A3V5B12 132 A-A3V4B05 146 A-A3V5B09 159 A-A3V5D05 171 A-A3V4D13
01A-A3U6E02 01A-A3V6A04 01A-A3Q6C04 01A-A3U6C04 01A-A3T6D02 01A-A3S6A02
108 A-A3V5D13 121 A-A3V5B13 134 A-A3V4B06 148 A-A3V5B10 161 A-A3V5D06 174 A-A3V4B08
01A-A3V6B02 01A-A3V6D04 01A-A3Q6D04 01A-A3U6D04 01A-A3T6E02 01A-A3R6A04
111 A-A3V5B02 123 A-A3V5D02 137 A-A3V4D05 150 A-A3V4B12 163 A-A3V5D07 176 A-A3V4B09
01A-A3T6A04 01A-A3T6A02 01A-A3Q6C02 01A-A3R6E04 01A-A3U6A02 01A-A3R6B04
113 A-A3V5B04 125 A-A3V5D03 139 A-A3V4D06 152 A-A3V4B13 165 A-A3V4D09 178 A-A3V4B10
01A-A3T6C04 01A-A3T6B02 01A-A3Q6D02 01A-A3S6A04 01A-A3R6B02 01A-A3R6C04
115 A-A3V5B05 128 A-A3V4B02 141 A-A3V4D07 154 A-A3V4D02 167 A-A3V4D10 204 A-A3V5D10
01A-A3T6D04 01A-A3P6E04 01A-A3Q6E02 01A-A3P6E02 01A-A3R6C02 01A-A3U6D02

LOC• TYPE

OUTBUS AND I-O REG FROM CCU OR PREVIOUS ADAPTER• CABLES 2=3		
—E•C•—HISTORY—	—B—	MACH•27RNB
3095180		
3095390		FRAME 01
3095450		
		IBM CORP•SDD
DATE LAST EC		P•N• 1788204
07-31-72 3099400		

TA031
000

+ LINEADBUS BIT 0 — AB007AB1 — 2
+ LINEADBUS BIT 1 — AB007AB2 — 4
+ LINEADBUS BIT 2 — AB007AB3 — 6
+ LINEADBUS BIT 3 — AB007AB4 — 8
+ LINEADBUS BIT 4 — AB007AB5 — 10
+ LINEADBUS BIT 5 — AB007AB6 — 12
+ LINEADBUS BIT 6 — AB007AB7 — 14
+ LINEADBUS BIT 7 — AB007AB8 — 16
+ LINEADBUS BIT 8 — AB007AB9 — 18
+ LINEADBUS BIT 9 — AB007AC0 — 20
+ LINEADBUS BIT P — AB007AC1 — 22
- SYNC CSB CLOCKS — AB007AC2 — 24
- FETCH BUFFER — AB007AC3 — 26
+ T2 OR T3 TIME — AB007AC4 — 28
+ T3 OR T0 TIME — AB007AC5 — 30
- PRI REG 00 AVAILABLE — AB007AC6 — 32
- PRI REG 01 AVAILABLE — AB007AC7 — 34
- PRI REG 02 AVAILABLE — AB007AC8 — 36
- IDENTIFY CSB 1 — AB008AB1 — 38
- IDENTIFY CSB 2 — AB008AB2 — 40
- IDENTIFY CSB 3 — AB008AB3 — 42
- IDENTIFY CSB 4 — AB008AB4 — 44
+ CSB 1 WANTS A PRI REG — AB008AB5 — 46
+ CSB 2 WANTS A PRI REG — AB008AB6 — 48
+ CSB 3 WANTS A PRI REG — AB008AB7 — 50
+ CSB 1 TO COMMON BIT A — AB008AB8 — 52
+ CSB 2 TO COMMON BIT A — AB008AB9 — 54
+ CSB 3 TO COMMON BIT A — AB008AC0 — 56
+ CSB 1 TO COMMON BIT B — AB008AC1 — 58
+ CSB 2 TO COMMON BIT B — AB008AC2 — 60
+ CSB 3 TO COMMON BIT B — AB008AC3 — 62
- PRI REG 03 AVAILABLE — AB008AC4 — 64
- PRI REG AVAILABLE PARITY — AB008AC5 — 66

NOTE 1

46 — BJ *ENTR* — 102
48 — 104
50 — 106

64 — BN *ENTR* — 112
66 — 114

16 — EC *ENTR* — 116
18 — FEED — 118
20 — 120
22 — 122

30 — BE *ENTR* — 124
32 — FEED — 126
34 — 128
36 — 130

58 — BL *ENTR* — 134
60 — 136
62 — 138

10 — BB *ENTR* — 141
12 — FEED — 143
14 — 145

CCU CABLE 8

38 — BG *ENTR* — 148
40 — FEED — 150
42 — 152
44 — 154

52 — BK *ENTR* — 157
54 — 159
56 — 161

CCU CABLE 7

2 — BA *ENTR* — 164
4 — FEED — 166
6 — 168
8 — 170

24 — BD *ENTR* — 173
26 — FEED — 175
28 — 177

000 TA041

164 + CSB SELECT 0 — BA1 (LTA061 LTA911 LTB431)
166 + CSB SELECT 1 — TA911-BA3
168 + 1ST THREE LIBS — BA5 (LTA061 LTA631 LTB431)
170 + LIB 1 OR 4 — BA7 (LTA061 LTA631 LTB431)
141 + LIB 2 OR 5 — BB2 (LTA061 LTA631 LTB431)
143 + LIB 3 OR 6 — BB4 (LTA061 LTA631 LTB431)
145 + LINE SELECT 8 — BB6 (LTA061 LTA621 LTB431)
116 + LINE SELECT 4 — BC1 (LTA061 LTA621 LTB431)
118 + LINE SELECT 2 — BC3 (LTA061 LTA621 LTB431)
120 + LINE SELECT 1 — BC5 (LTA061 LTA621 LTB431)
122 + LINEADBUS BIT P — BC7 (LTA061 LTA651 LTB431)
173 - SYNC CSB CLOCKS — BD2 (LTA061 LTA941 LTB431)
175 - FETCH BUFFER — BD4 (LTA061 LTA451 LTA921 LTB431)
177 + T2 OR T3 TIME — BD6 (LTA061 LTA931 LTB431)
124 + T3 OR T0 TIME — BE1 (LTA061 LTA931 LTB431)
126 - PRI REG 00 AVAILABLE — TA611-BE3
128 - PRI REG 01 AVAILABLE — TA611-BE5
130 - PRI REG 02 AVAILABLE — TA611-BE7
148 - IDENTIFY CSB 1 — BG1 (LTA061 LTB151)
150 - IDENTIFY CSB 2 — BG3 (LTA061 LTB151)
152 - IDENTIFY CSB 3 — BG5 (LTA061 LTB151)
154 - IDENTIFY CSB 4 — BG7 (LTA061 LTB151)
102 + CSB 2 3 OR 4 WANTS PRI REG — BJ1 (LTA061)
104 + CSB 3 OR 4 WANTS PRI REG — BJ3 (LTA061)
106 + CSB 4 WANTS PRI REG — TA061-BJ5
157 + CSB 2 3 OR 4 TO COM BIT A — BK2 (LTA061)
159 + CSB 3 OR 4 TO COM BIT A TA061-BK4
161 + CSB 4 TO COM BIT A — TA061-BK6
134 + CSB 2 3 OR 4 TO COM BIT B — BL3 (LTA061)
136 + CSB 3 OR 4 TO COM BIT B TA061-BL5
138 + CSB 4 TO COM BIT B — TA061-BL7
112 - PRI REG 03 AVAILABLE — TA611-BN4
114 - PRI REG AVAILABLE PARITY — BN6 (LTA611)

NOTE 1. INBOUND SIGNALS TO CCL.

TA041
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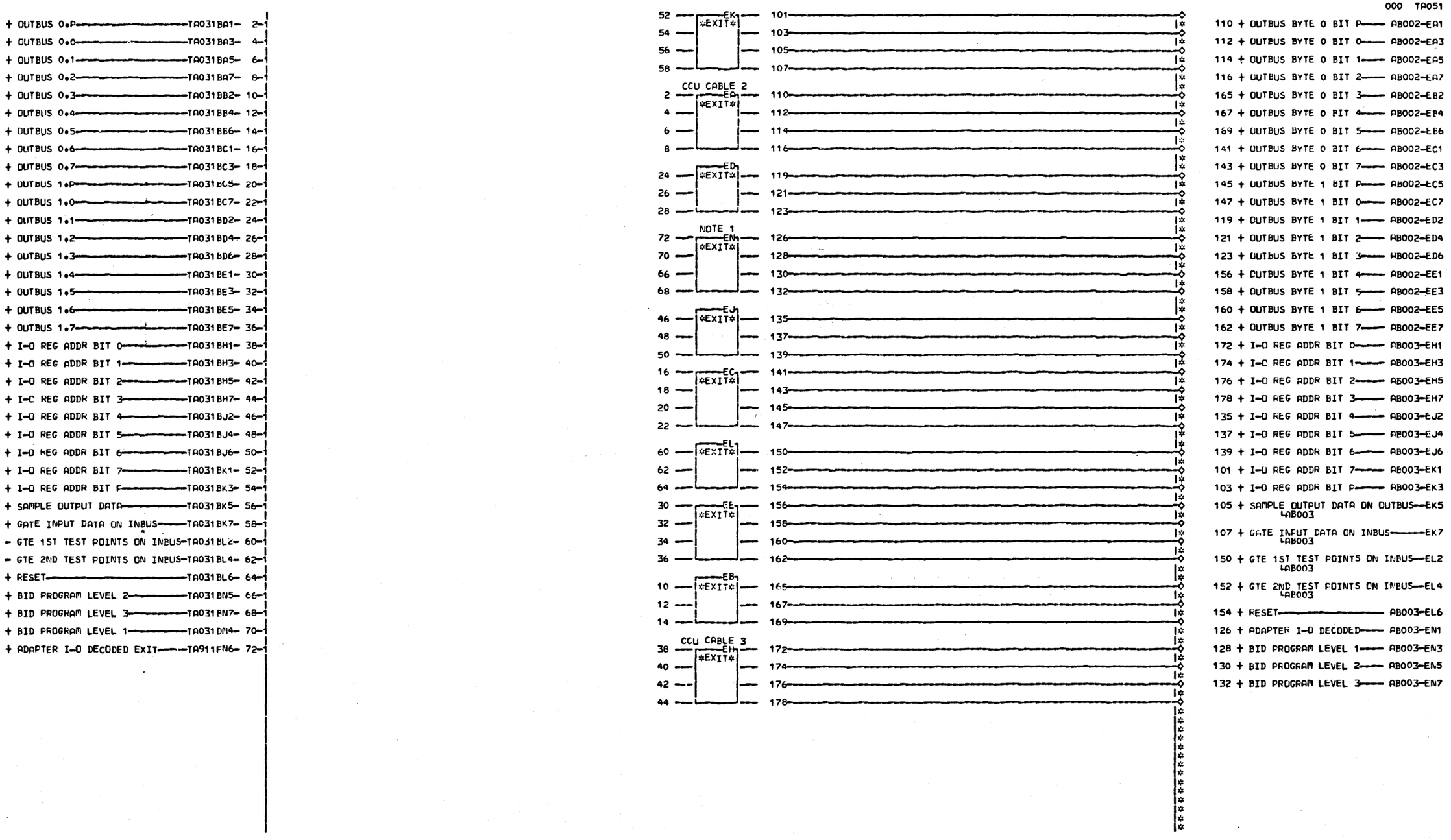
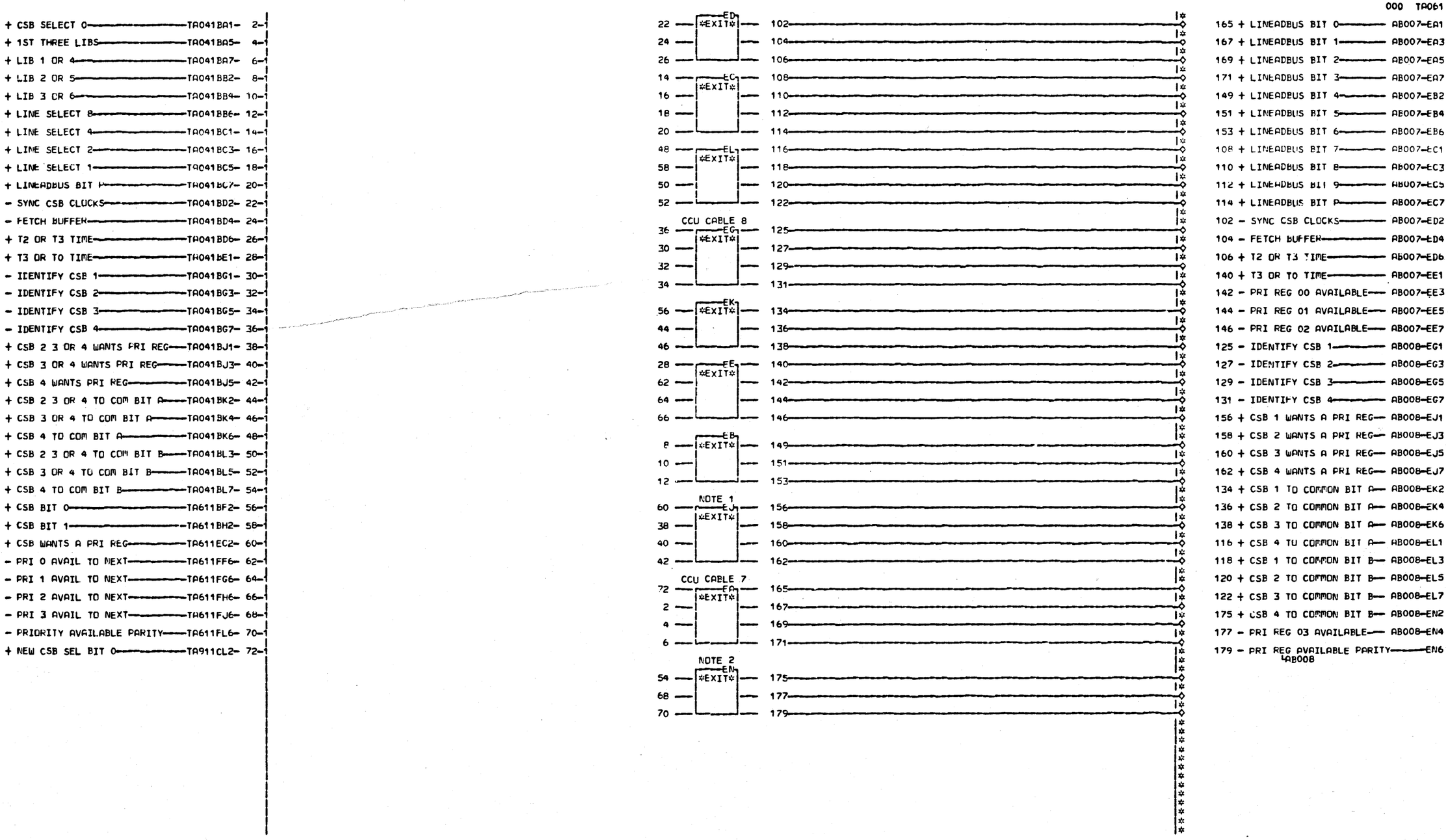
EDGE CONN. 118 A-A3A4E13 134 A-A3A5D07 01A-A3A2B10 159 A-A3A5D03 173 A-A3A4D05
102 A-A3A5B09 01A-A3A2B13 01A-A3A3D06 148 A-A3A5B02 01A-A3A3D02 01A-A3A2D05
01A-A3A3B08 120 A-A3A4D02 136 A-A3A5D09 01A-A3A3B04 161 A-A3A5D05 175 A-A3A4D06
104 A-A3A5B10 01A-A3F2D02 01A-A3A3D07 150 A-A3A5B04 01A-A3A3D03 01A-A3A2D06
01A-A3A3B09 122 A-A3A4D03 138 A-A3A5D10 01A-A3A3B05 164 A-A3A4B02 177 A-A3A4D07
106 A-A3A5B12 01A-A3A2D03 01A-A3A3D09 152 A-A3A5B05 01A-A3A2B04 01A-A3A2D07
01A-A3A3B10 124 A-A3A4D09 141 A-A3A4B08 01A-A3A3B06 166 A-A3A4B04
112 A-A3A5D11 01A-A3A2D09 01A-A3A2B08 154 A-A3A5B06 168 A-A3A4B05
114 A-A3A5D13 126 A-A3A4D10 143 A-A3A4B09 01A-A3A3B02 01A-A3A2B05
116 A-A3A4B12 128 A-A3A4D11 01A-A3A2B09 157 A-A3A5D02 170 A-A3A4B06
01A-A3A2B12 130 A-A3A4D13 145 A-A3A4B10 01A-A3A3B13 01A-A3A2B06

LOC. TYPE

CABLES 7-8 ENTRY FROM CCU CR
PREVIOUS CSB
E.C.-HISTORY — B — MACH.27RNB
309518C
309539
FRAME 01
IBM CORP.SDD — TA041
DATE LAST EC
04-24-72 309545
P.N. 1788205 — 000


+ OUTBUS 0.P TA031BA1 2
+ OUTBUS 0.0 TA031BA3 4
+ OUTBUS 0.1 TA031BA5 6
+ OUTBUS 0.2 TA031BA7 8
+ OUTBUS 0.3 TA031BB2 10
+ OUTBUS 0.4 TA031BB4 12
+ OUTBUS 0.5 TA031BB6 14
+ OUTBUS 0.6 TA031BC1 16
+ OUTBUS 0.7 TA031BC3 18
+ OUTBUS 1.P TA031BC5 20
+ OUTBUS 1.0 TA031BC7 22
+ OUTBUS 1.1 TA031BD2 24
+ OUTBUS 1.2 TA031BD4 26
+ OUTBUS 1.3 TA031BD6 28
+ OUTBUS 1.4 TA031BE1 30
+ OUTBUS 1.5 TA031BE3 32
+ OUTBUS 1.6 TA031BE5 34
+ OUTBUS 1.7 TA031BE7 36
+ I-O REG ADDR BIT 0 TA031BH1 38
+ I-O REG ADDR BIT 1 TA031BH3 40
+ I-O REG ADDR BIT 2 TA031BH5 42
+ I-O REG ADDR BIT 3 TA031BH7 44
+ I-O REG ADDR BIT 4 TA031BJ2 46
+ I-O REG ADDR BIT 5 TA031BJ4 48
+ I-O REG ADDR BIT 6 TA031BJ6 50
+ I-O REG ADDR BIT 7 TA031BK1 52
+ I-O REG ADDR BIT P TA031BK3 54
+ SAMPLE OUTPUT DATA TA031BK5 56
+ GATE INPUT DATA ON INBUS TA031BK7 58
- GTE 1ST TEST POINTS ON INBUS TA031BL2 60
- GTE 2ND TEST POINTS ON INBUS TA031BL4 62
+ RESET TA031BL6 64
+ BID PROGRAM LEVEL 2 TA031BN5 66
+ BID PROGRAM LEVEL 3 TA031BN7 68
+ BID PROGRAM LEVEL 1 TA031DM4 70
+ ADAPTER I-O DECODED EXIT TA911FN6 72
NOTE 1. INBOUND SIGNALS TO CCU
52 EK *EXIT* 101
54 103
56 105
58 107
CCU CABLE 2
2 EA *EXIT* 110
4 112
6 114
8 116
24 ED *EXIT* 119
26 121
28 123
NOTE 1
72 EN *EXIT* 126
70 128
66 130
68 132
46 EJ *EXIT* 135
48 137
50 139
16 EC *EXIT* 141
18 143
20 145
22 147
60 EL *EXIT* 150
62 152
64 154
30 EE *EXIT* 156
32 158
34 160
36 162
10 EB *EXIT* 165
12 167
14 169
CCU CABLE 3
38 EH *EXIT* 172
40 174
42 176
44 178
LOC. TYPE
000 TA051
110 + OUTBUS BYTE 0 BIT P AB002-EA1
112 + OUTBUS BYTE 0 BIT 0 AB002-EA3
114 + OUTBUS BYTE 0 BIT 1 AB002-EA5
116 + OUTBUS BYTE 0 BIT 2 AB002-EA7
165 + OUTBUS BYTE 0 BIT 3 AB002-EB2
167 + OUTBUS BYTE 0 BIT 4 AB002-EB4
169 + OUTBUS BYTE 0 BIT 5 AB002-EB6
141 + OUTBUS BYTE 0 BIT 6 AB002-EC1
143 + OUTBUS BYTE 0 BIT 7 AB002-EC3
145 + OUTBUS BYTE 1 BIT P AB002-EC5
147 + OUTBUS BYTE 1 BIT 0 AB002-EC7
119 + OUTBUS BYTE 1 BIT 1 AB002-ED2
121 + OUTBUS BYTE 1 BIT 2 AB002-ED4
123 + OUTBUS BYTE 1 BIT 3 AB002-ED6
156 + OUTBUS BYTE 1 BIT 4 AB002-EE1
158 + OUTBUS BYTE 1 BIT 5 AB002-EE3
160 + OUTBUS BYTE 1 BIT 6 AB002-EE5
162 + OUTBUS BYTE 1 BIT 7 AB002-EE7
172 + I-O REG ADDR BIT 0 AB003-EH1
174 + I-O REG ADDR BIT 1 AB003-EH3
176 + I-O REG ADDR BIT 2 AB003-EH5
178 + I-O REG ADDR BIT 3 AB003-EH7
135 + I-O REG ADDR BIT 4 AB003-EJ2
137 + I-O REG ADDR BIT 5 AB003-EJ4
139 + I-O REG ADDR BIT 6 AB003-EJ6
101 + I-O REG ADDR BIT 7 AB003-EK1
103 + I-O REG ADDR BIT P AB003-EK3
105 + SAMPLE OUTPUT DATA ON OUTBUS AB003-EK5
107 + GATE INPUT DATA ON INBUS AB003-EK7
150 + GTE 1ST TEST POINTS ON INBUS AB003-EL2
152 + GTE 2ND TEST POINTS ON INBUS AB003-EL4
154 + RESET AB003-EL6
126 + ADAPTER I-O DECODED AB003-EN1
128 + BID PROGRAM LEVEL 1 AB003-EN3
130 + BID PROGRAM LEVEL 2 AB003-EN5
132 + BID PROGRAM LEVEL 3 AB003-EN7
CABLES 2-3 EXIT TO NEXT ADAPTER
E.C. HISTORY B
309518C
309539
DATE LAST EC
04-24-72 309545
MACH.27RNB
FRAME 01
IBM CORP.SDD
P.N. 1788206
TA051
000

TA051

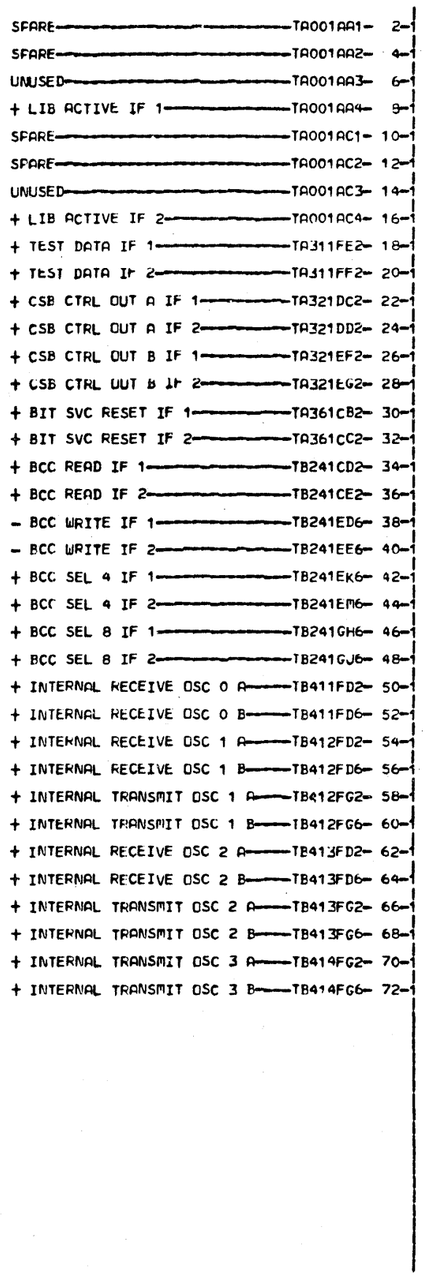


NOTE 1. INBOUND SIGNALS TO CCU
NOTE 2. CSB 4 TO COMMEN IS
AN INBOUND SIGNAL TO CCU.

LOC. TYPE

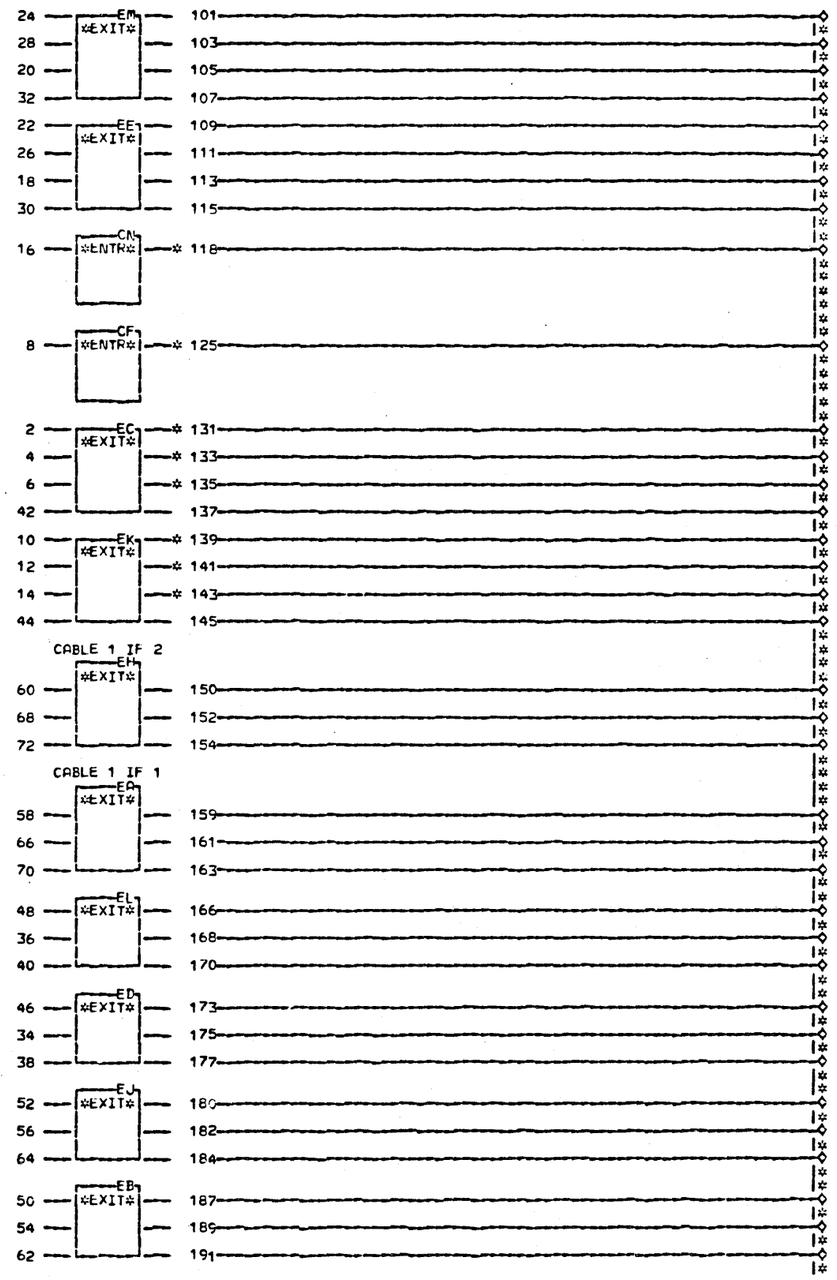
CABLES 7-8 EXIT TO NEXT CSB

E.C.-HISTORY	B	MACH.27RMB
3095180		
309539		FRAME 01
		IBM CORP.SDD TA061
DATE LAST EC		P.N. 1788207 000
04-24-72 309545		



EDGE CONN.
118 A-A3L1D13
125 A-A3A1D13
131 A-A3C1D13
133 A-A3C1E13
135 A-A3A1D11
139 A-A3N1D13
141 A-A3N1E13
143 A-A3L1D11

TA071
000



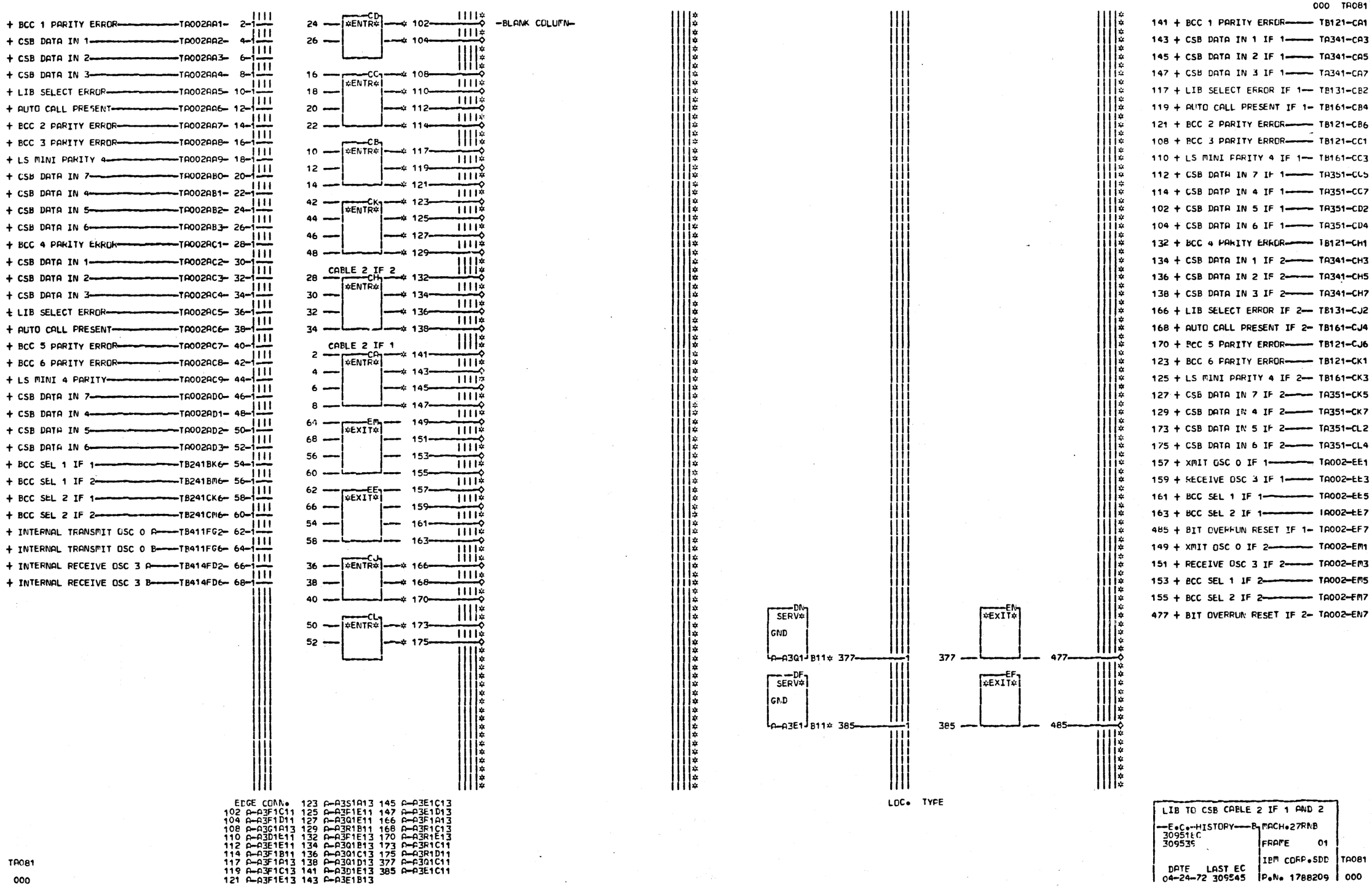
LOC. TYPE

000 TA071

125 + LIB ACTIVE IF 1 TB161-CF2
118 + LIB ACTIVE IF 2 TB161-CN2
159 + XMIT OSC 1 IF 1 TA001-EA3
161 + XMIT OSC 2 IF 1 TA001-EA5
163 + XMIT OSC 3 IF 1 TA001-EA7
187 + RECEIVE OSC 0 IF 1 TA001-EB2
189 + RECEIVE OSC 1 IF 1 TA001-EB4
191 + RECEIVE OSC 2 IF 1 TA001-EB6
131 SPARE TA001-EC1
133 SPARE TA001-EC3
135 + LIB ACTIVE FEEDTHRU TA001-EC5
137 + BCC SEL 4 IF 1 TA001-EC7
173 + BCC SEL 8 IF 1 TA001-ED2
175 + BCC READ IF 1 TA001-ED4
177 - BCC WRITE IF 1 TA001-ED6
109 + CSB CONTROL OUT A IF 1- TA001-EE1
111 + CSB CONTROL OUT B IF 1- TA001-EE3
113 + TEST DATA MARK IF 1 TA001-EE5
115 + RESET BIT SERVICE IF 1- TA001-EE7
150 + XMIT OSC 1 IF 2 TA001-EH3
152 + XMIT OSC 2 IF 2 TA001-EH5
154 + XMIT OSC 3 IF 2 TA001-EH7
180 + RECEIVE OSC 0 IF 2 TA001-EJ2
182 + RECEIVE OSC 1 IF 2 TA001-EJ4
184 + RECEIVE OSC 2 IF 2 TA001-EJ6
139 SPARE TA001-EK1
141 SPARE TA001-EK3
143 + LIB ACTIVE FEEDTHRU TA001-EK5
145 + BCC SEL 4 IF 2 TA001-EK7
166 + BCC SEL 8 IF 2 TA001-EL2
168 + BCC READ IF 2 TA001-EL4
170 - BCC WRITE IF 2 TA001-EL6
101 + CSB CONTROL OUT A IF 2- TA001-EM1
103 + CSB CONTROL OUT B IF 2- TA001-EM3
105 + TEST DATA MARK IF 2 TA001-EM5
107 + RESET BIT SERVICE IF 2- TA001-EM7

CSB TO LIB CABLE 1 IF 1 AND 2

E.C.-HISTORY-B | MACH.27FAB
309518C
309539 | FRAME 01
DATE LAST EC | IBM CORP.SDD | TA071
04-24-72 309545 | P.N. 1786208 | 000


+ BCC 1 PARITY ERROR TA002AA1- 2
+ CSB DATA IN 1 TA002AA2- 4
+ CSB DATA IN 2 TA002AA3- 6
+ CSB DATA IN 3 TA002AA4- 8
+ LIB SELECT ERROR TA002AA5- 10
+ AUTO CALL PRESENT TA002AA6- 12
+ BCC 2 PARITY ERROR TA002AA7- 14
+ BCC 3 PARITY ERROR TA002AA8- 16
+ LS MINI PARITY 4 TA002AA9- 18
+ CSB DATA IN 7 TA002ABO- 20
+ CSB DATA IN 4 TA002AB1- 22
+ CSB DATA IN 5 TA002AB2- 24
+ CSB DATA IN 6 TA002AB3- 26
+ BCC 4 PARITY ERROR TA002AC1- 28
+ CSB DATA IN 1 TA002AC2- 30
+ CSB DATA IN 2 TA002AC3- 32
+ CSB DATA IN 3 TA002AC4- 34
+ LIB SELECT ERROR TA002AC5- 36
+ AUTO CALL PRESENT TA002AC6- 38
+ BCC 5 PARITY ERROR TA002AC7- 40
+ BCC 6 PARITY ERROR TA002AC8- 42
+ LS MINI 4 PARITY TA002AC9- 44
+ CSB DATA IN 7 TA002ADO- 46
+ CSB DATA IN 4 TA002AD1- 48
+ CSB DATA IN 5 TA002AD2- 50
+ CSB DATA IN 6 TA002AD3- 52
+ BCC SEL 1 IF 1 TB241BK6- 54
+ BCC SEL 1 IF 2 TB241BM6- 56
+ BCC SEL 2 IF 1 TB241CK6- 58
+ BCC SEL 2 IF 2 TB241CM6- 60
+ INTERNAL TRANSMIT OSC 0 A TB411FG2- 62
+ INTERNAL TRANSMIT OSC 0 B TB411FG6- 64
+ INTERNAL RECEIVE OSC 3 A TB414FD2- 66
+ INTERNAL RECEIVE OSC 3 B TB414FD6- 68
CD *ENTR* 24 26 102 104
CC *ENTR* 16 18 20 22 108 110 112 114
CB *ENTR* 10 12 14 117 119 121
CK *ENTR* 42 44 46 48 123 125 127 129
CABLE 2 IF 2
CH *ENTR* 28 30 32 34 132 134 136 138
CABLE 2 IF 1
CA *ENTR* 2 4 6 8 141 143 145 147
EM *EXIT* 64 68 56 60 149 151 153 155
EE *EXIT* 62 66 54 58 157 159 161 163
CJ *ENTR* 36 38 40 166 168 170
CL *ENTR* 50 52 173 175
-BLANK COLUMN-
EDGE CONN. 123 P-A3S1A13 145 P-A3E1C13
102 P-A3F1C11 125 P-A3F1E11 147 P-A3E1D13
104 P-A3F1D11 127 P-A3Q1E11 166 P-A3F1A13
108 P-A3G1A13 129 P-A3R1B11 168 P-A3R1C13
110 P-A3D1E11 132 P-A3F1E13 170 P-A3R1E13
112 P-A3E1E11 134 P-A3Q1B13 173 P-A3R1C11
114 P-A3F1B11 136 P-A3Q1C13 175 P-A3R1D11
117 P-A3F1A13 138 P-A3Q1D13 377 P-A3Q1C11
119 P-A3F1C13 141 P-A3D1E13 385 P-A3E1C11
121 P-A3F1E13 143 P-A3E1B13
TA081
000
DN SERV* GND P-A3Q1-B11* 377
DF SERV* GND P-A3E1-B11* 385
EN *EXIT* 377 477
EF *EXIT* 385 485
LOC. TYPE
000 TA081
141 + BCC 1 PARITY ERROR TB121-CA1
143 + CSB DATA IN 1 IF 1 TA341-CA3
145 + CSB DATA IN 2 IF 1 TA341-CA5
147 + CSB DATA IN 3 IF 1 TA341-CA7
117 + LIB SELECT ERROR IF 1 TB131-CB2
119 + AUTO CALL PRESENT IF 1 TB161-CB4
121 + BCC 2 PARITY ERROR TB121-CB6
108 + BCC 3 PARITY ERROR TB121-CC1
110 + LS MINI PARITY 4 IF 1 TB161-CC3
112 + CSB DATA IN 7 IF 1 TA351-CC5
114 + CSB DATA IN 4 IF 1 TA351-CC7
102 + CSB DATA IN 5 IF 1 TA351-CD2
104 + CSB DATA IN 6 IF 1 TA351-CD4
132 + BCC 4 PARITY ERROR TB121-CH1
134 + CSB DATA IN 1 IF 2 TA341-CH3
136 + CSB DATA IN 2 IF 2 TA341-CH5
138 + CSB DATA IN 3 IF 2 TA341-CH7
166 + LIB SELECT ERROR IF 2 TB131-CJ2
168 + AUTO CALL PRESENT IF 2 TB161-CJ4
170 + BCC 5 PARITY ERROR TB121-CJ6
123 + BCC 6 PARITY ERROR TB121-CK1
125 + LS MINI PARITY 4 IF 2 TB161-CK3
127 + CSB DATA IN 7 IF 2 TA351-CK5
129 + CSB DATA IN 4 IF 2 TA351-CK7
173 + CSB DATA IN 5 IF 2 TA351-CL2
175 + CSB DATA IN 6 IF 2 TA351-CL4
157 + XMIT OSC 0 IF 1 TA002-EE1
159 + RECEIVE OSC 3 IF 1 TA002-EE3
161 + BCC SEL 1 IF 1 TA002-EE5
163 + BCC SEL 2 IF 1 TA002-EE7
485 + BIT OVERRUN RESET IF 1 TA002-EF7
149 + XMIT OSC 0 IF 2 TA002-EM1
151 + RECEIVE OSC 3 IF 2 TA002-EM3
153 + BCC SEL 1 IF 2 TA002-EM5
155 + BCC SEL 2 IF 2 TA002-EM7
477 + BIT OVERRUN RESET IF 2 TA002-EN7
LIB TO CSB CABLE 2 IF 1 AND 2
E.C.-HISTORY-B
30951EC
309535
DATE LAST EC
04-24-72 309545
MACH.27RNB
FRAME 01
IBM CORP.SDD
P.N. 1788209
TA081
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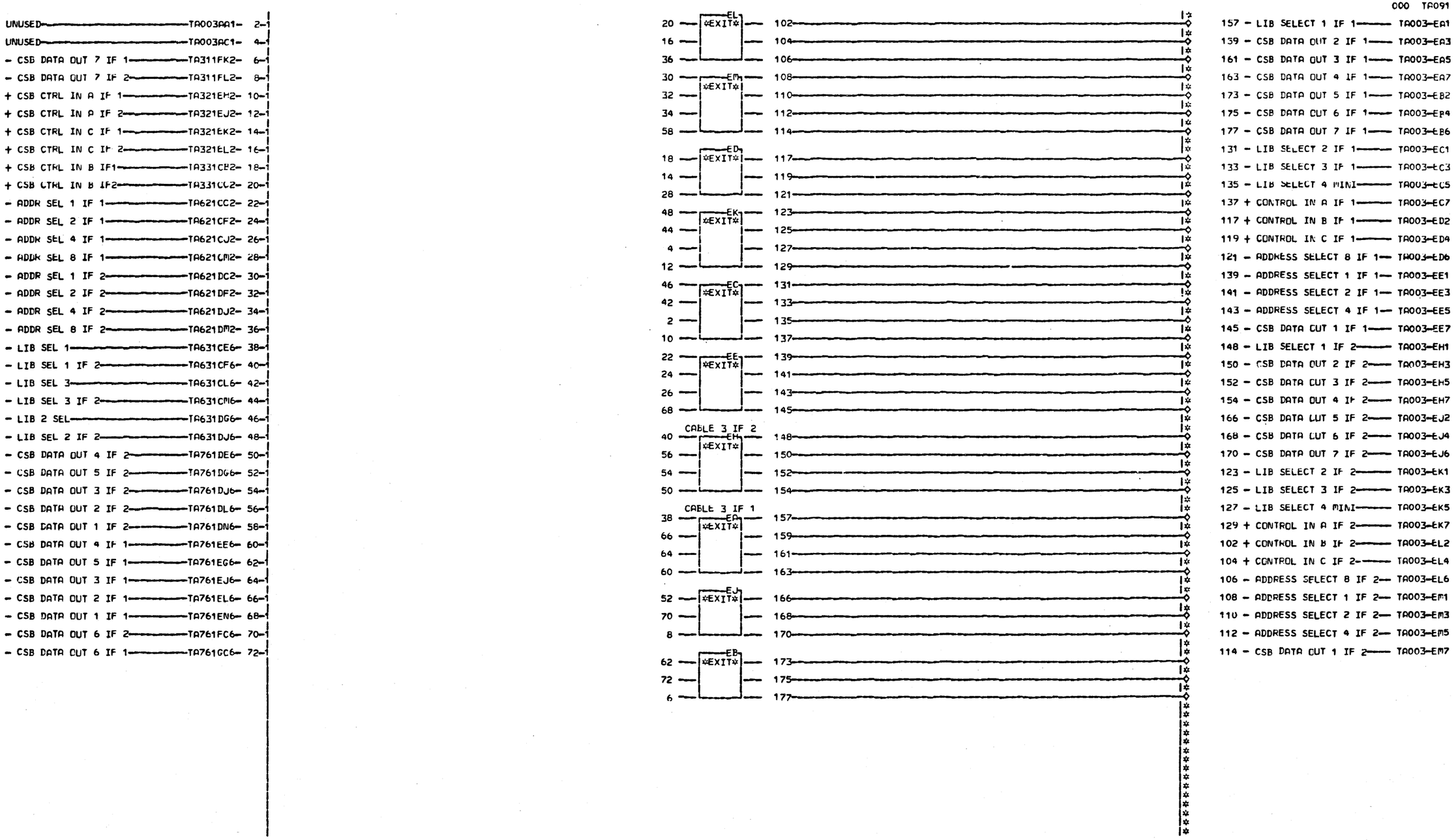
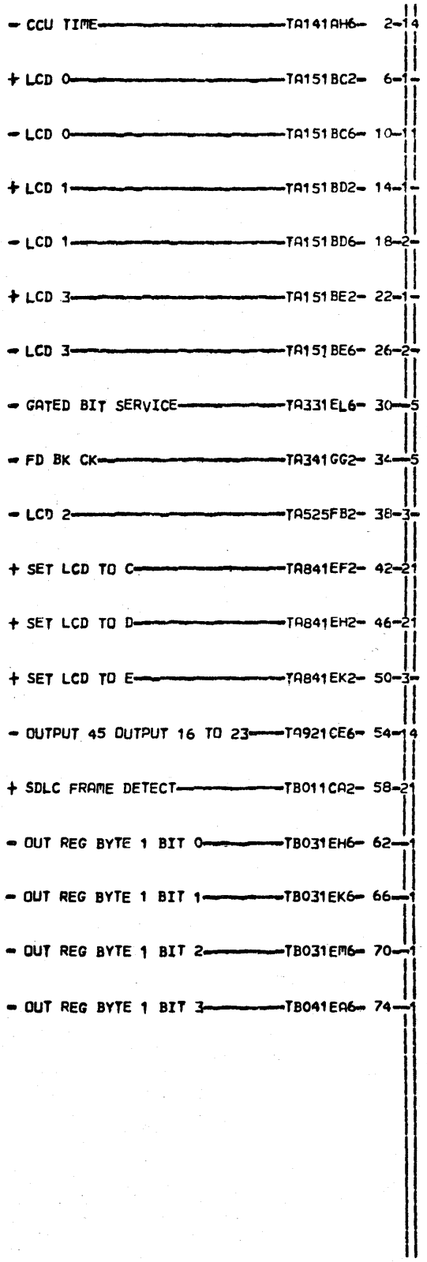
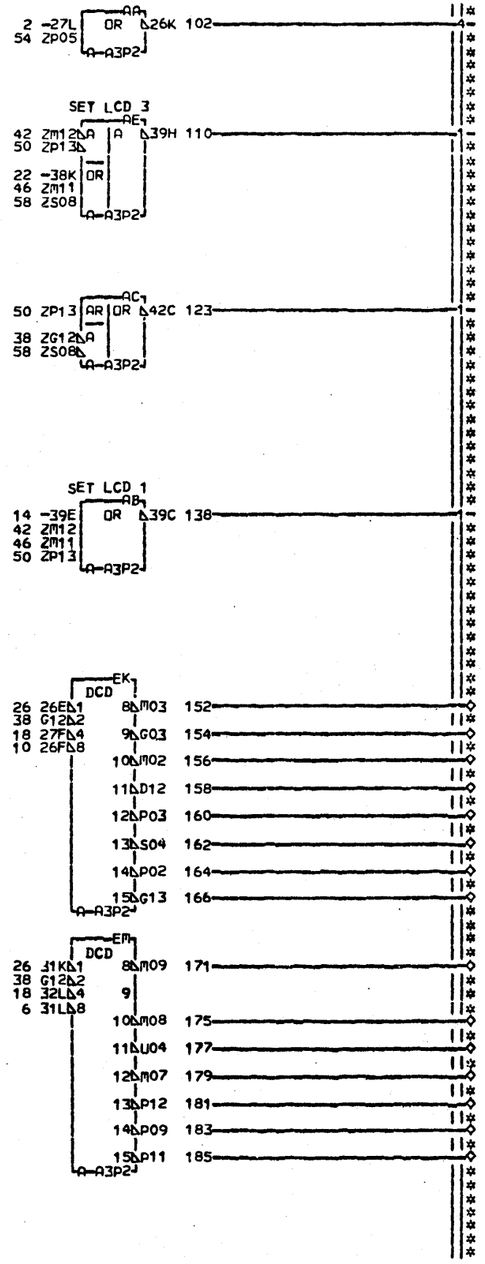
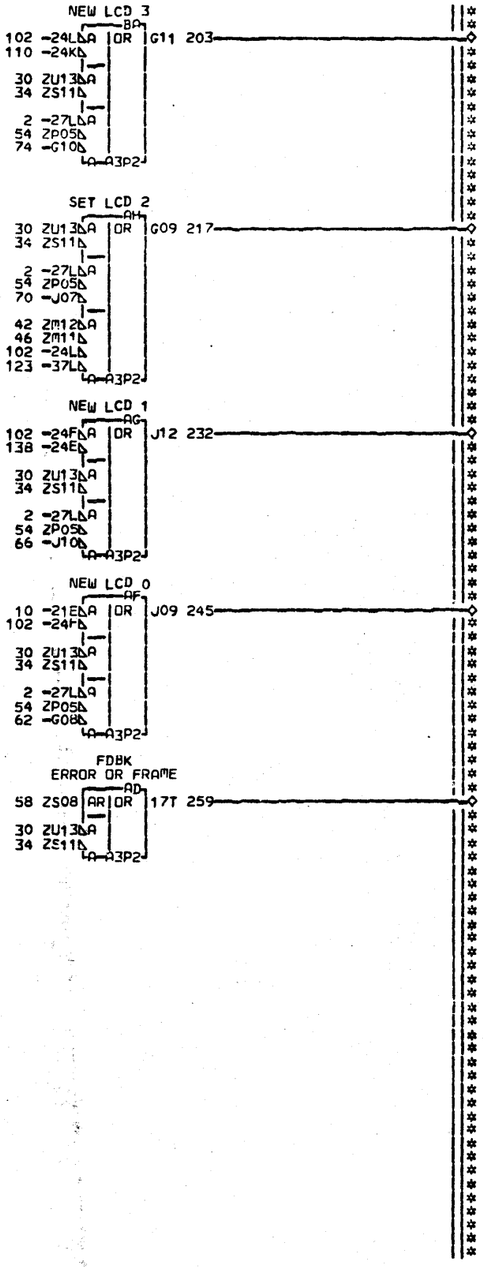

000 TA091
UNUSED TA003AA1- 2
UNUSED TA003AC1- 4
- CSB DATA OUT 7 IF 1 TA311FK2- 6
- CSB DATA OUT 7 IF 2 TA311FL2- 8
+ CSB CTRL IN A IF 1 TA321EH2- 10
+ CSB CTRL IN A IF 2 TA321EJ2- 12
+ CSB CTRL IN C IF 1 TA321EK2- 14
+ CSB CTRL IN C IF 2 TA321EL2- 16
+ CSB CTRL IN B IF1 TA331CB2- 18
+ CSB CTRL IN B IF2 TA331CC2- 20
- ADDR SEL 1 IF 1 TA621CC2- 22
- ADDR SEL 2 IF 1 TA621CF2- 24
- ADDR SEL 4 IF 1 TA621CJ2- 26
- ADDR SEL 8 IF 1 TA621CM2- 28
- ADDR SEL 1 IF 2 TA621DC2- 30
- ADDR SEL 2 IF 2 TA621DF2- 32
- ADDR SEL 4 IF 2 TA621DJ2- 34
- ADDR SEL 8 IF 2 TA621DM2- 36
- LIB SEL 1 TA631CE6- 38
- LIB SEL 1 IF 2 TA631CF6- 40
- LIB SEL 3 TA631CL6- 42
- LIB SEL 3 IF 2 TA631CM6- 44
- LIB 2 SEL TA631DG6- 46
- LIB SEL 2 IF 2 TA631DJ6- 48
- CSB DATA OUT 4 IF 2 TA761DE6- 50
- CSB DATA OUT 5 IF 2 TA761DG6- 52
- CSB DATA OUT 3 IF 2 TA761DJ6- 54
- CSB DATA OUT 2 IF 2 TA761DL6- 56
- CSB DATA OUT 1 IF 2 TA761DN6- 58
- CSB DATA OUT 4 IF 1 TA761EE6- 60
- CSB DATA OUT 5 IF 1 TA761EG6- 62
- CSB DATA OUT 3 IF 1 TA761EJ6- 64
- CSB DATA OUT 2 IF 1 TA761EL6- 66
- CSB DATA OUT 1 IF 1 TA761EN6- 68
- CSB DATA OUT 6 IF 2 TA761FC6- 70
- CSB DATA OUT 6 IF 1 TA761GC6- 72
EL *EXIT* 20 16 36 102 104 106
EM *EXIT* 30 32 34 58 108 110 112 114
ED *EXIT* 18 14 28 117 119 121
EK *EXIT* 48 44 4 12 123 125 127 129
EC *EXIT* 46 42 2 10 131 133 135 137
EE *EXIT* 22 24 26 68 139 141 143 145
CABLE 3 IF 2
EH *EXIT* 40 56 54 50 148 150 152 154
CABLE 3 IF 1
EA *EXIT* 38 66 64 60 157 159 161 163
EJ *EXIT* 52 70 8 166 168 170
EB *EXIT* 62 72 6 173 175 177
157 - LIB SELECT 1 IF 1 TA003-EA1
139 - CSB DATA OUT 2 IF 1 TA003-EA3
161 - CSB DATA OUT 3 IF 1 TA003-EA5
163 - CSB DATA OUT 4 IF 1 TA003-EA7
173 - CSB DATA OUT 5 IF 1 TA003-EB2
175 - CSB DATA OUT 6 IF 1 TA003-EB4
177 - CSB DATA OUT 7 IF 1 TA003-EB6
131 - LIB SELECT 2 IF 1 TA003-EC1
133 - LIB SELECT 3 IF 1 TA003-EC3
135 - LIB SELECT 4 MINI TA003-EC5
137 + CONTROL IN A IF 1 TA003-EC7
117 + CONTROL IN B IF 1 TA003-ED2
119 + CONTROL IN C IF 1 TA003-ED4
121 - ADDRESS SELECT 8 IF 1 TA003-ED6
139 - ADDRESS SELECT 1 IF 1 TA003-EE1
141 - ADDRESS SELECT 2 IF 1 TA003-EE3
143 - ADDRESS SELECT 4 IF 1 TA003-EE5
145 - CSB DATA OUT 1 IF 1 TA003-EE7
148 - LIB SELECT 1 IF 2 TA003-EH1
150 - CSB DATA OUT 2 IF 2 TA003-EH3
152 - CSB DATA OUT 3 IF 2 TA003-EH5
154 - CSB DATA OUT 4 IF 2 TA003-EH7
166 - CSB DATA OUT 5 IF 2 TA003-EJ2
168 - CSB DATA OUT 6 IF 2 TA003-EJ4
170 - CSB DATA OUT 7 IF 2 TA003-EJ6
123 - LIB SELECT 2 IF 2 TA003-EK1
125 - LIB SELECT 3 IF 2 TA003-EK3
127 - LIB SELECT 4 MINI TA003-EK5
129 + CONTROL IN A IF 2 TA003-EK7
102 + CONTROL IN B IF 2 TA003-EL2
104 + CONTROL IN C IF 2 TA003-EL4
106 - ADDRESS SELECT 8 IF 2 TA003-EL6
108 - ADDRESS SELECT 1 IF 2 TA003-EM1
110 - ADDRESS SELECT 2 IF 2 TA003-EM3
112 - ADDRESS SELECT 4 IF 2 TA003-EM5
114 - CSB DATA OUT 1 IF 2 TA003-EM7
LOC. TYPE
CSB TO LIB CABLE 3 IF 1 AND 2
E.C.-HISTORY B1 MACH.27RMB
309518C
309539
FRAME 01
IBM CORP.SDD TA091
DATE LAST EC
04-24-72 309545
P.N. 1788210 000
TA091
000





LOC. TYPE
A-A3P2 7611



000 TA111

259 + FDBK ERROR OR FRAME — TA121-CC6

245 + NEW LCD 0 — EB2
LTA521 LTA535

232 + NEW LCD 1 — ED2
LTA521 LTA535

217 + NEW LCD 2 — EF2
LTA525 LTA535

203 + NEW LCD 3 — EH2
LTA525 LTA535

166 - ERROR — EK0

152 - SDLC 7 — EK3
LTA151 LTA261 LTA721

154 - SDLC 8 — EK4
LTA151 LTA841

156 - SDLC 6 — TA151-EK5

158 - SDLC 5 — EK6
LTA151 LTA251 LTA261 LTA721

160 - EBCDIC — TA841-EK7

162 - USASCII — TA841-EK8

164 - SBT — TA841-EK9

185 - SS 11 8 — TA231-EM0

171 - SS 9 6 — TA261-EM3

175 - SS 8 5 — EM5
LTA251 LTA261

177 - DIAL — EM6
◇TA211 LTA341 LTA361 LTA771
LTA821 LTA831 LTB231

179 - SS 9 7 — EM7

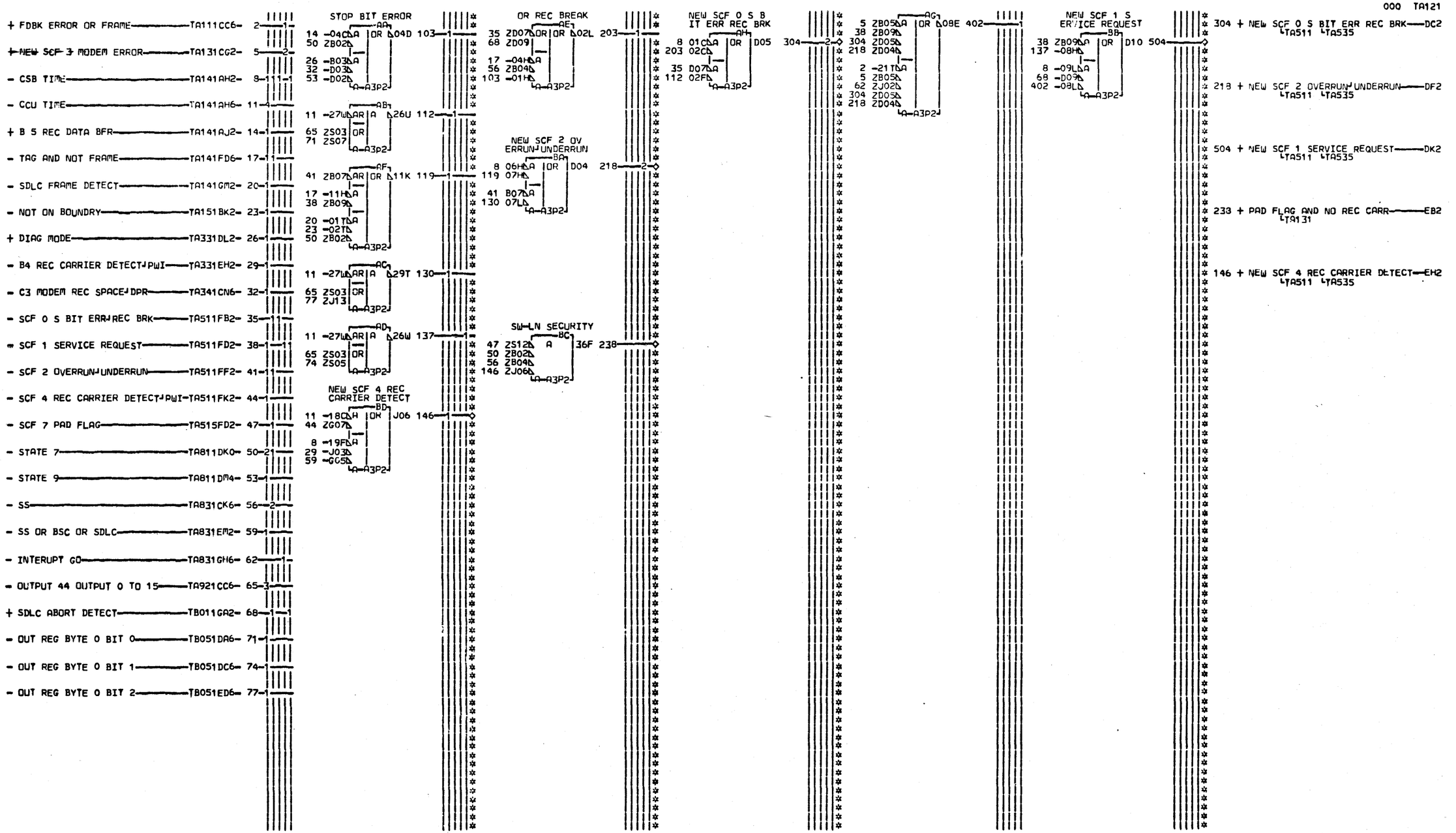
181 - SS 10 7 — EM8

183 - SS 10 8 — EM9

LCD DECODE AND UPDATE

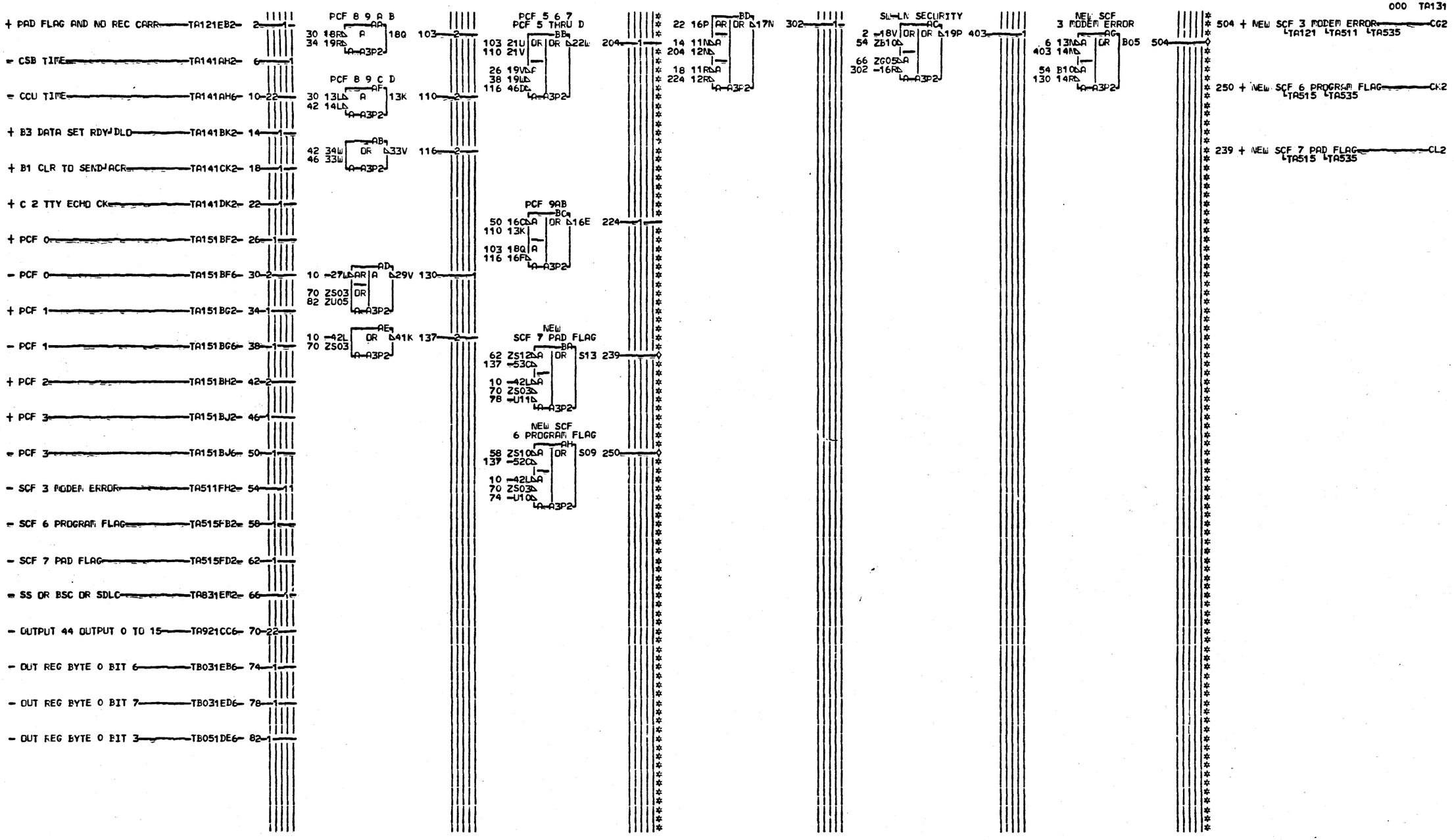
E.C.-HISTORY-B	MACH.27RNB	
309518C		
309539	FRAME 01	
309545		
DATE LAST EC	IBM CORP.SDD	TA111
01-11-73 309936	P.N. 1788211	000

TA111
000



NEW SCF 0 1 2 4

E.C. HISTORY	B. MACH.27RNB
309518C	
309539	FRAME 01
309545	
309944	IBM CORP.SDD TA121
DATE LAST EC	
01-11-73 309936	P.N. 1788212 000



LOC. TYPE
A-A3P2 7611

NEW SCF 3 6 7

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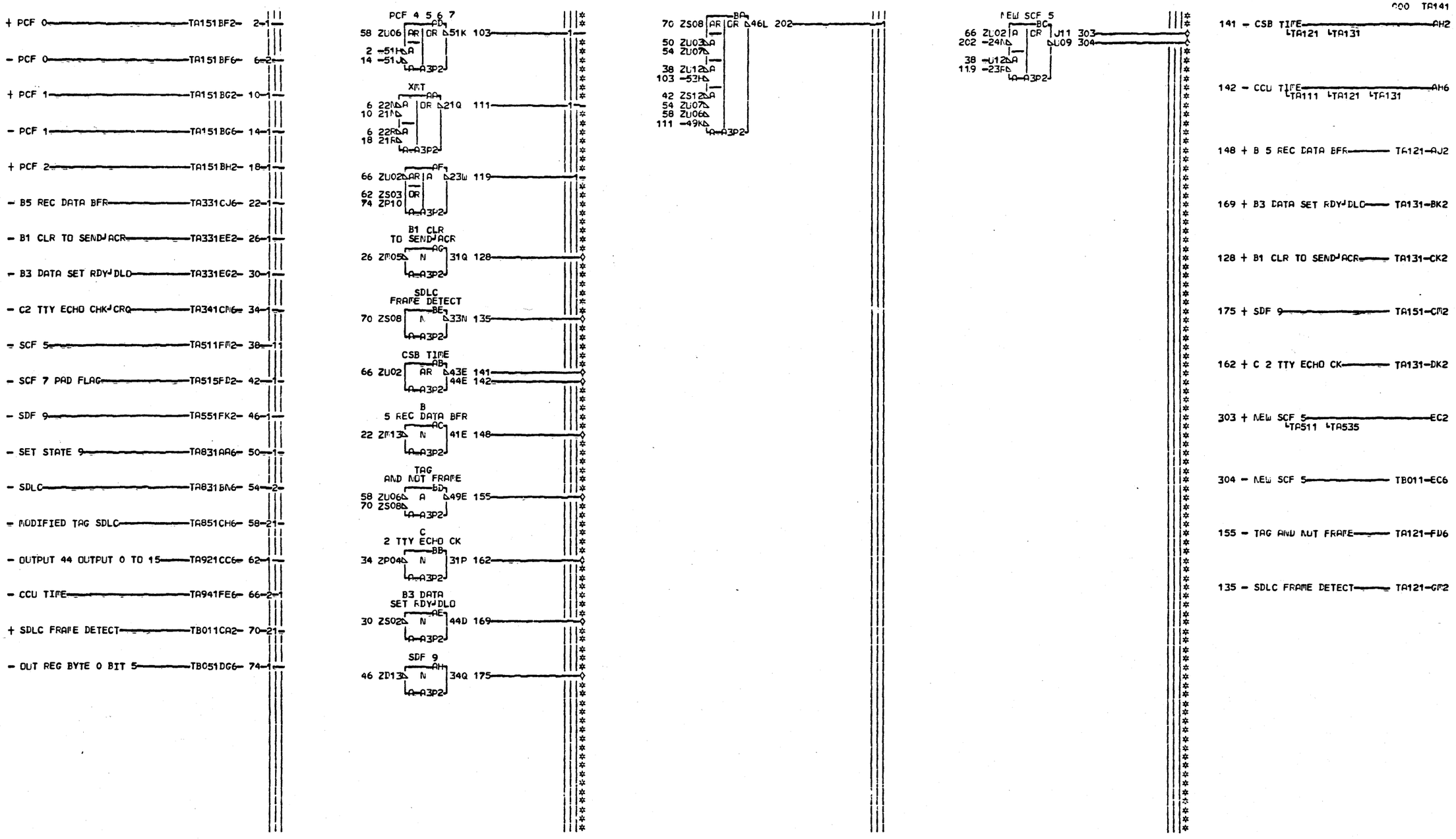
3095180	
3095390	FRAME 01
3095450	
3099360	IBM CORP.SDD TA131
DATE LAST EC	P.N. 1788213 000
01-03-75 311283	

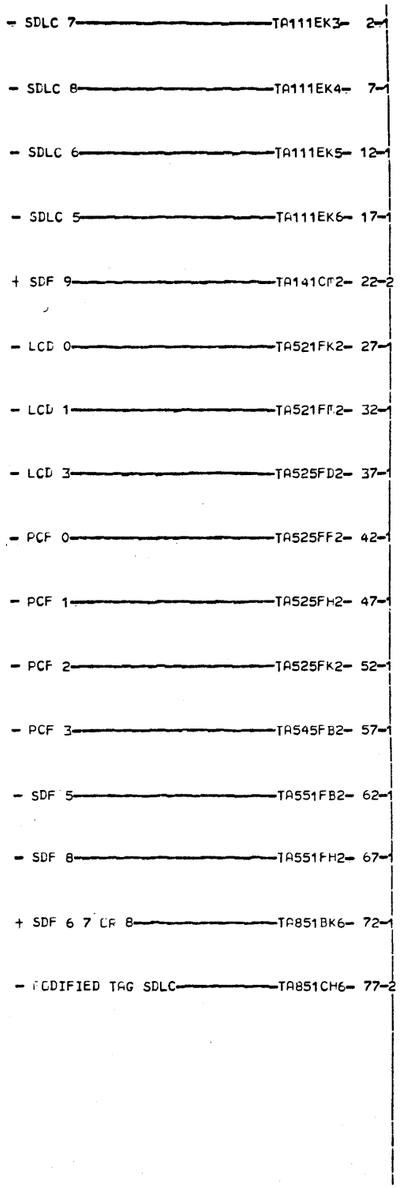


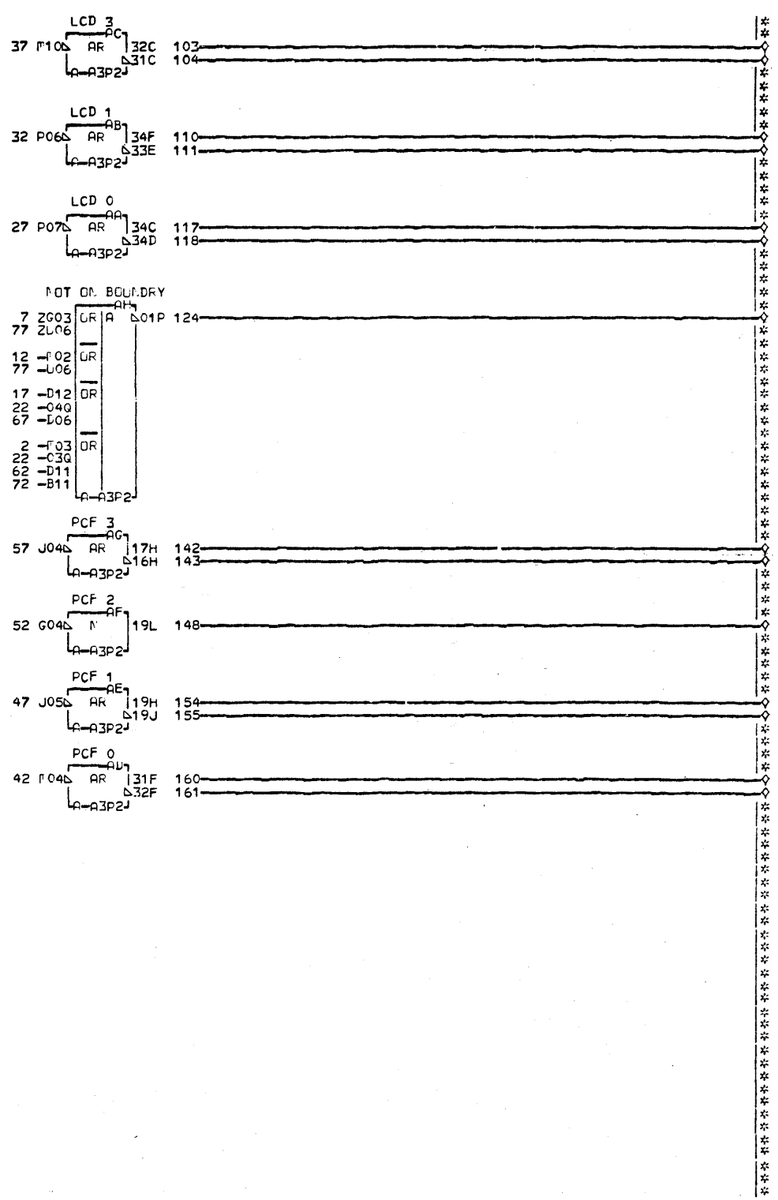
LOC. TYPE
A-A3P2 7611

TA141
000

NEW SCF 5

E.C. HISTORY	C	PAGE 27RMB
309518C 309936		
309539		FRAME 01
309545		
309944		IBM CORP. SDD TA141
DATE LAST EC		P.N. 1788214 000
01-03-75 311283		





OCO TA151

117 + LCD 0 — TA111-BC2

118 - LCD 0 — TA111-BC6

110 + LCD 1 — TA111-BD2

111 - LCD 1 — TA111-BD6

103 + LCD 3 — TA111-BE2

104 - LCD 3 — TA111-BE6

160 + PCF 0 — BF2
LTA131 LTA141

161 - PCF 0 — BF6
LTA131 LTA141

154 + PCF 1 — BG2
LTA131 LTA141

155 - PCF 1 — BG6
LTA131 LTA141

148 + PCF 2 — BH2
LTA131 LTA141

142 + PCF 3 — TA131-BJ2

143 - PCF 3 — TA131-BJ6

124 - NOT ON BOUNDRY — TA121-BK2

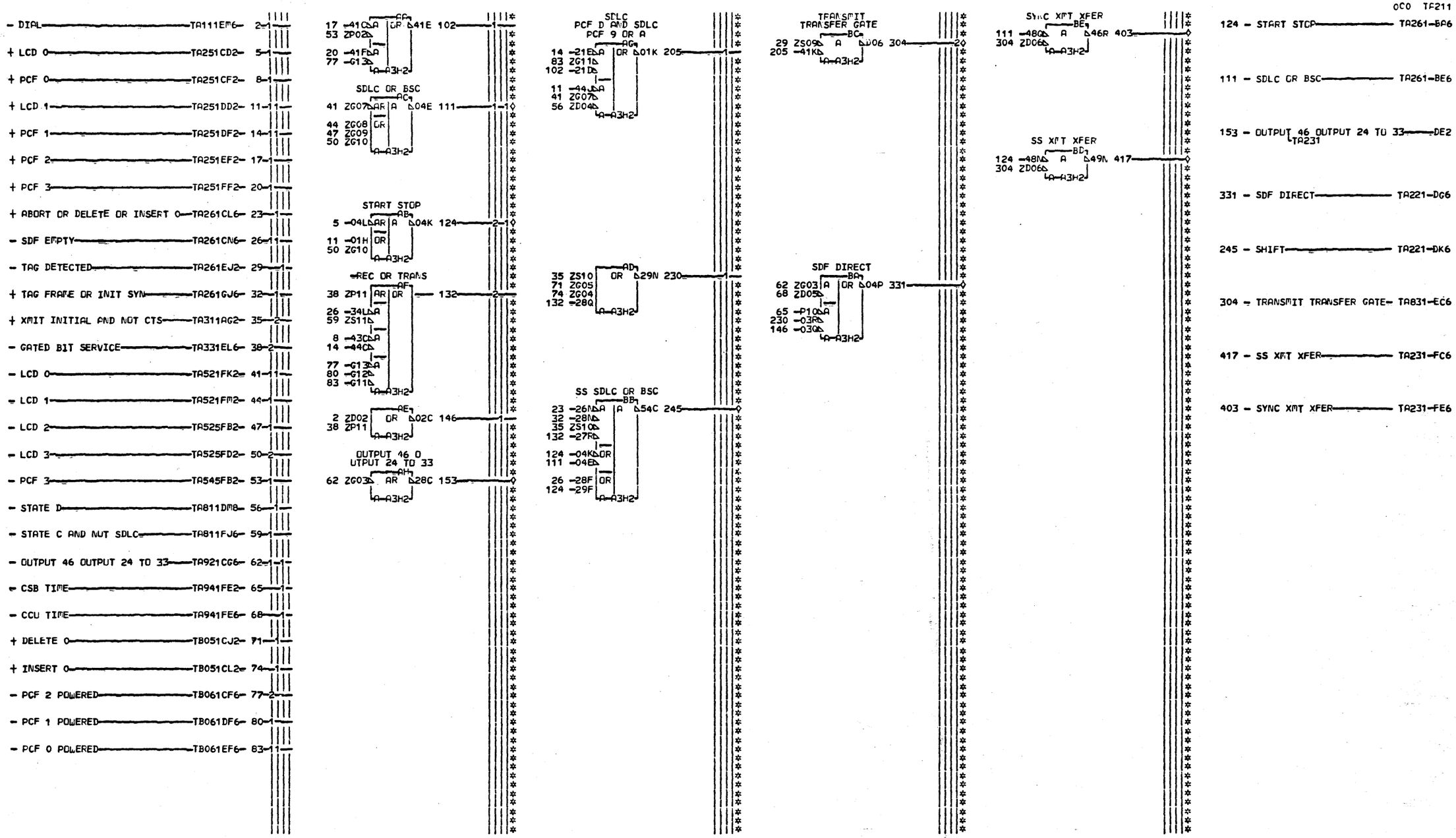
LOC. TYPE
A-A3P2 7611

TA151
000

LCD PCF POLLING

E.C. HISTORY	CHG PCF.27 RME
309518C	
309545	FRAME 01
309936	
	IBM CORP. SLD
DATE LAST EC	P.N. 1788215
02-19-75 311283	

TA151
000


- DIAL TA111EM6- 2-1
+ LCD 0 TA251CD2- 5-1
+ PCF 0 TA251CF2- 8-1
+ LCD 1 TA251DD2- 11-1
+ PCF 1 TA251DF2- 14-1
+ PCF 2 TA251EF2- 17-1
+ PCF 3 TA251FF2- 20-1
+ ABORT OR DELETE OR INSERT 0 TA261CL6- 23-1
- SDF EMPTY TA261CN6- 26-1
- TAG DETECTED TA261EJ2- 29-1
+ TAG FRAME OR INIT SYN TA261GJ6- 32-1
+ XMIT INITIAL AND NOT CTS TA311AG2- 35-2
- GATED BIT SERVICE TA331EL6- 38-2
- LCD 0 TA521FK2- 41-1
- LCD 1 TA521FM2- 44-1
- LCD 2 TA525FB2- 47-1
- LCD 3 TA525FD2- 50-2
- PCF 3 TA545FB2- 53-1
- STATE D TA811DM8- 56-1
- STATE C AND NOT SDLC TA811FJ6- 59-1
- OUTPUT 46 OUTPUT 24 TO 33 TA921CG6- 62-1-1
- CSB TIME TA941FE2- 65-1
- CCU TIME TA941FE6- 68-1
+ DELETE 0 TB051CJ2- 71-1
+ INSERT 0 TB051CL2- 74-1
- PCF 2 POWERED TB061CF6- 77-2
- PCF 1 POWERED TB061DF6- 80-1
- PCF 0 POWERED TB061EF6- 83-1
17 -41C A OR 41E 102 1
53 ZP02
20 -41F A
77 -G13
SDLC OR BSC
41 ZG07 AR A 04E 111 1
44 ZG08 OR
47 ZG09
50 ZG10
START STOP
5 -04L AR A 04K 124 2-1
11 -01H OR
50 ZG10
REC OR TRANS
38 ZP11 AR OR 132 2
26 -34L A
59 ZS11
8 -43C A
14 -44C
77 -G13 A
80 -G12
83 -G11
2 ZD02 OR 02C 146 1
38 ZP11
OUTPUT 46 O
UTPUT 24 TO 33
62 ZG03 AR 28C 153 0
SDLC
PCF D AND SDLC
PCF 9 OR A
14 -21E A OR 01K 205 1
83 ZG11
102 -21D
11 -44L A
41 ZG07
56 ZD04
35 ZS10 OR 29N 230 1
71 ZG05
74 ZG04
132 -28Q
SS SDLC OR BSC
23 -26N A A 54C 245
32 -28N
35 ZS10
132 -27R
124 -04K OR
111 -04E
26 -28F OR
124 -29F
TRANSMIT
TRANSFER GATE
29 ZS09 A 06 304 2
205 -41K
SDF DIRECT
62 ZG03 A OR 04P 331
68 ZD05
65 -P10 A
230 -03R
146 -03Q
SYNC XMT XFER
111 -48Q A 46R 403
304 ZD06
SS XMT XFER
124 -48N A 49N 417
304 ZD06
LOC. TYPE
A-A3H2 7612
OCO TA211
124 - START STOP TA261-BA6
111 - SDLC OR BSC TA261-BE6
153 - OUTPUT 46 OUTPUT 24 TO 33 TA231 DE2
331 - SDF DIRECT TA221-DG6
245 - SHIFT TA221-DK6
304 - TRANSMIT TRANSFER GATE TA831-EC6
417 - SS XMT XFER TA231-FC6
403 - SYNC XMT XFER TA231-FE6
SDF UPDATE CONTROLS
E.C. HISTORY
309518C
309539
309545
309936
DATE LAST EC
01-03-75 311283
PACH.27AAB
FRAME 01
IBM CORP. SDD TA211
P.N. 1788216 000

- SDF DIRECT — TA211DG6 — 2-A
- SHIFT — TA211DK6 — 7-28
+ PCF 0 — TA251CF2 — 12-1
- SDF 0 — TA545FD2 — 17-11
- SDF 1 — TA545FF2 — 22-11
- SDF 2 — TA545FH2 — 27-11
- SDF 3 — TA545FK2 — 32-11
- SDF 4 — TA545FM2 — 37-2
- SDF 5 — TA551FB2 — 42-11
- SDF 6 — TA551FD2 — 47-11
- SDF 7 — TA551FF2 — 52-11
- SDF 8 — TA551FH2 — 57-11
- SDF 9 — TA551FK2 — 62-11
- NEW BIT — TP051EN2 — 67-11
- PCF 2 POWERED — TB061DF6 — 72-11
- PCF 1 POWERED — TB061DF6 — 77-11

SDF 9 TO SDF 9
2 -19FD A OR FJ S04 103
62 ZG02D +
A-A3H2

SDF 4 TO SDF 4
2 -18QD A OR FG 16Q 110
37 ZJ09D +
A-A3H2

SDF 8 TO SDF 8
2 -19QD A OR EJ S03 117
57 ZJ13D +
A-A3H2

SDF 3 TO SDF 3
2 -18QD A OR EG 16R 124
32 ZJ07D +
A-A3H2

SDF 7 TO SDF 7
2 -19QD A OR DJ 18C 131
52 ZJ12D +
A-A3H2

SDF 2 TO SDF 2
2 -18QD A OR DG 19P 138
27 ZJ06D +
A-A3H2

SDF 6 TO SDF 6
2 -16FD A OR CJ 16D 145
47 ZJ11D +
A-A3H2

SDF 1 TO SDF 1
2 -18QD A OR CG 19N 152
22 ZJ05D +
A-A3H2

SDF 5 TO SDF 5
2 -03CD A OR BJ 04D 159
42 ZJ10D +
A-A3H2

SDF 0 TO SDF 0
2 -16FD A OR BG 16E 166
17 ZJ04D +
A-A3H2

PCF 6 OR 7
12 -24DD A BB 23F 173
72 ZG13D
77 ZG12D
A-A3H2

N.B. TO SDF 0
7 -19KD A OR FN 19J 180
67 ZD07D +
A-A3H2

SDF 4 TO SDF 5
7 -18HD A OR FL 19H 187
37 ZJ09D +
A-A3H2

LOC. TYPE
A-A3H2 7612

SDF 8 TO SDF 9
7 -13ED A OR EN S04 203
57 ZJ13D +
A-A3H2

SDF 3 TO SDF 4
7 -23QD A OR EL 21Q 209
32 ZJ07D +
A-A3H2

SDF 7 TO SDF 8
7 -13ED A OR DN S03 215
52 ZJ12D +
A-A3H2

SDF 2 TO SDF 3
7 -23QD A OR DL 21R 221
27 ZJ06D +
A-A3H2

SDF 6 TO SDF 7
7 -13ED A OR CN 14D 227
47 ZJ11D +
A-A3H2

SDF 1 TO SDF 2
7 -23QD A OR CL 24P 233
22 ZJ05D +
A-A3H2

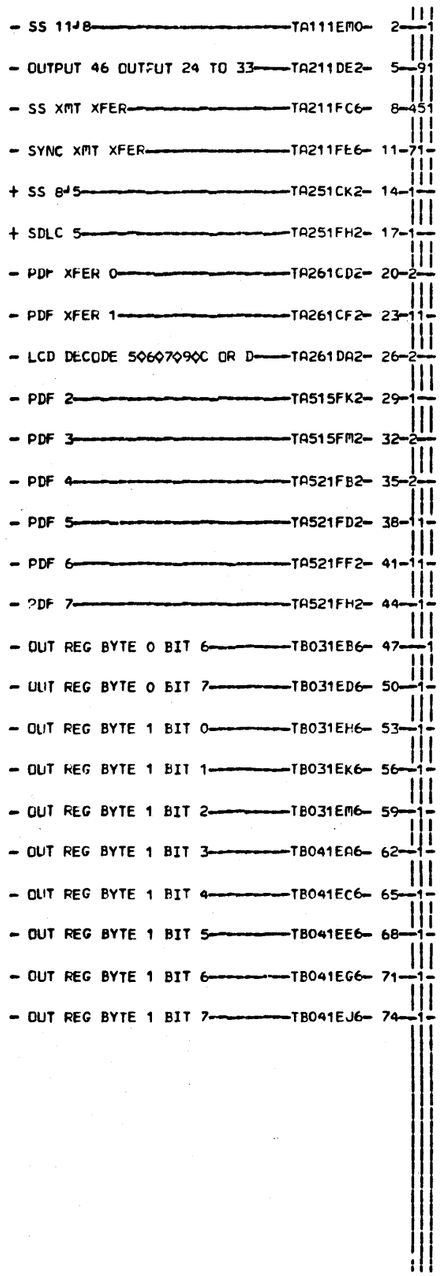
SDF 5 TO SDF 6
7 -13ED A OR BN 14C 239
42 ZJ10D +
A-A3H2

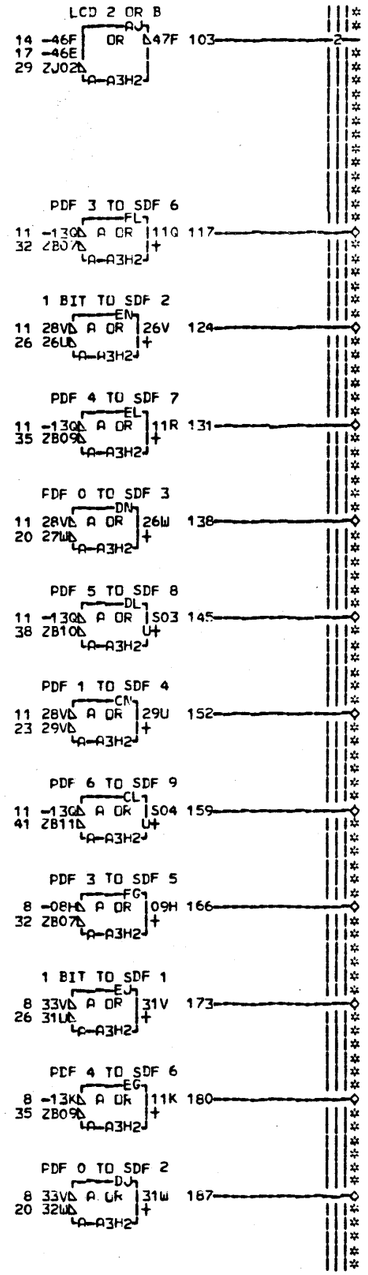
SDF 0 TO SDF 1
7 -23QD A OR BL 24N 245
17 ZJ04D +
A-A3H2

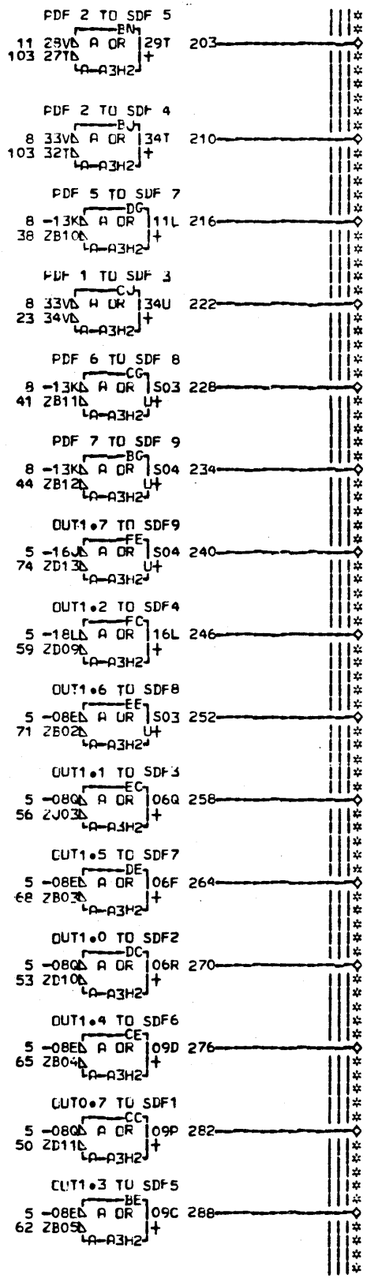
173 - PCF 6 OR 7 — TA261-B86
166 + SDF DIR 0 — TA271-BG2
159 + SDF DIR 5 — TA271-BJ2
245 + NPOS 1 — TA271-BL2
239 + NPOS 6 — TA271-BN2
152 + SDF DIR 1 — TA271-CG2
145 + SDF DIR 6 — TA271-CJ2
233 + NPOS 2 — TA271-CL2
227 + NPOS 7 — TA271-CN2
138 + SDF DIR 2 — TA271-DG2
131 + SDF DIR 7 — TA271-DJ2
221 + NPOS 3 — TA271-DL2
215 + NPOS 8 — TA271-DN2
124 + SDF DIR 3 — TA271-EG2
117 + SDF DIR 8 — TA271-EJ2
209 + NPOS 4 — TA271-EL2
203 + NPOS 9 — TA271-EN2
110 + SDF DIR 4 — TA271-FG2
103 + SDF DIR 9 — TA271-FJ2
187 + NPOS 5 — TA271-FL2
180 + NPOS 0 — TA271-FN2

SDF DIRECT UPDATE OR SHIFT UPD

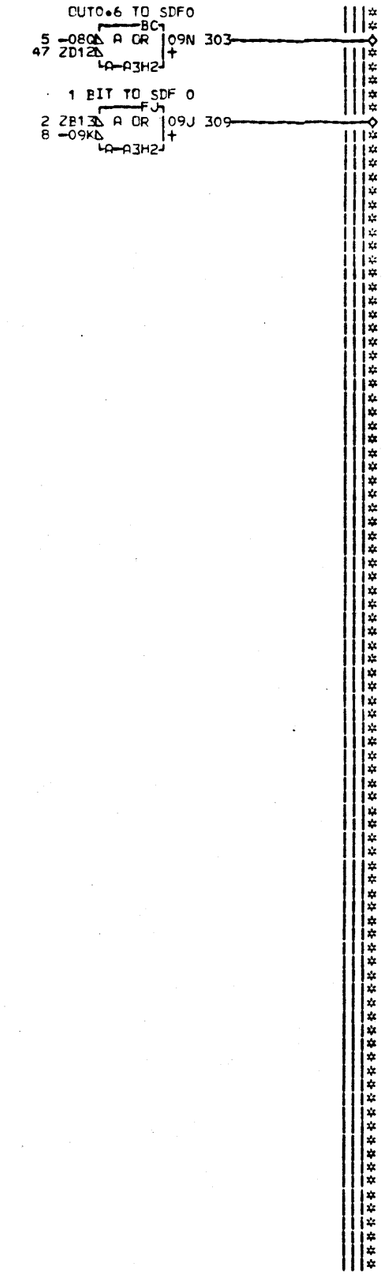
E.C. HISTORY	B	MACH.27RNB	
309518C		FRAME 01	
		IBM CORP.SDD	TA221
DATE LAST EC		P.N. 1788217	000
04-24-72 309545			







LOC• TYPE
A-A3H2 7612



000 TA231

303 + OUTPUT SDF 0 TA271-BC2
288 + OUTPUT SDF 5 TA271-BE2
234 + SS XMT POS 9 TA271-BG2
210 + SS XMT POS 4 TA271-BJ2
203 + SYNC XMT POS 5 TA271-BN2
282 + OUTPUT SDF 1 TA271-CC2
276 + OUTPUT SDF 6 TA271-CE2
228 + SS XMT POS 8 TA271-CG2
222 + SS XMT POS 3 TA271-CJ2
159 + SYNC XMT POS 9 TA271-CL2
152 + SYNC XMT POS 4 TA271-CN2
270 + OUTPUT SDF 2 TA271-DC2
264 + OUTPUT SDF 7 TA271-DE2
216 + SS XMT POS 7 TA271-DG2
187 + SS XMT POS 2 TA271-DJ2
145 + SYNC XMT POS 8 TA271-DL2
138 + SYNC XMT POS 3 TA271-DN2
258 + OUTPUT SDF 3 TA271-EC2
252 + OUTPUT SDF 8 TA271-EE2
180 + SS XMT POS 6 TA271-EG2
173 + SS XMT POS 1 TA271-EJ2
131 + SYNC XMT POS 7 TA271-EL2
124 + SYNC XMT POS 2 TA271-EN2
246 + OUTPUT SDF 4 TA271-FC2
240 + OUTPUT SDF 9 TA271-FE2
166 + SS XMT POS 5 TA271-FG2
309 + SS XMIT POS 0 TA271-FJ2
117 + SYNC XMT POS 6 TA271-FL2

SDF OUTPUT UPDATE CR
PDF UPDATE
E•C•-HISTORY B
309516C
MACH•27RNB
FRAME 01
IBM CORP•SDD
TA231
DATE LAST EC
04-24-72 309545
P•N• 1788218
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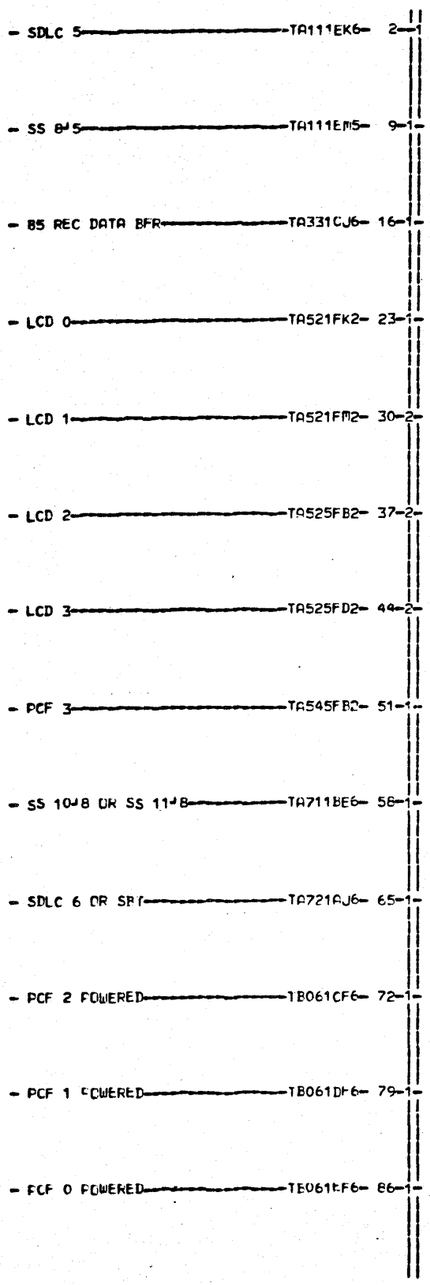
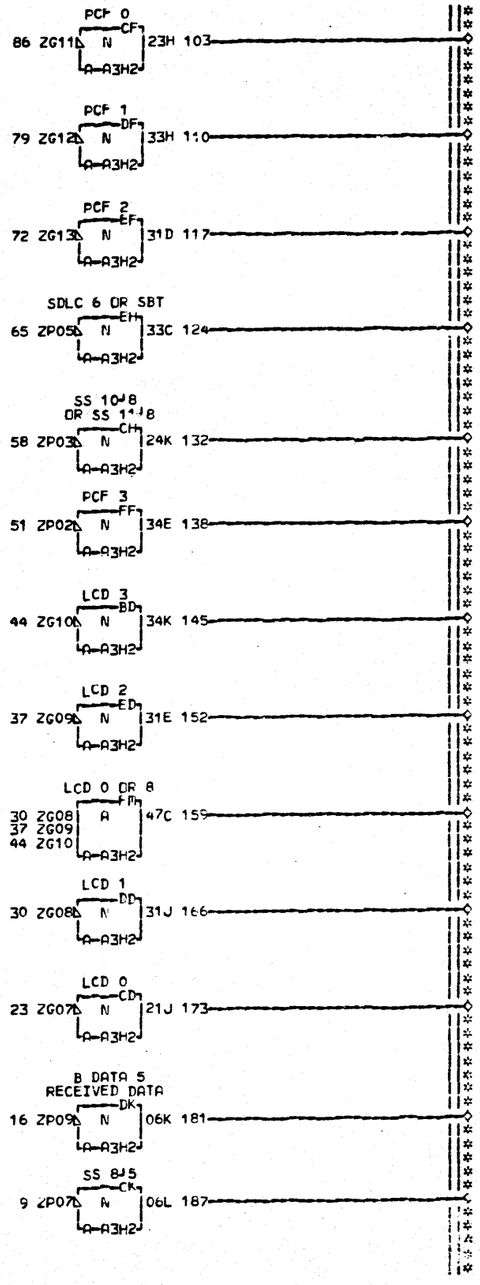
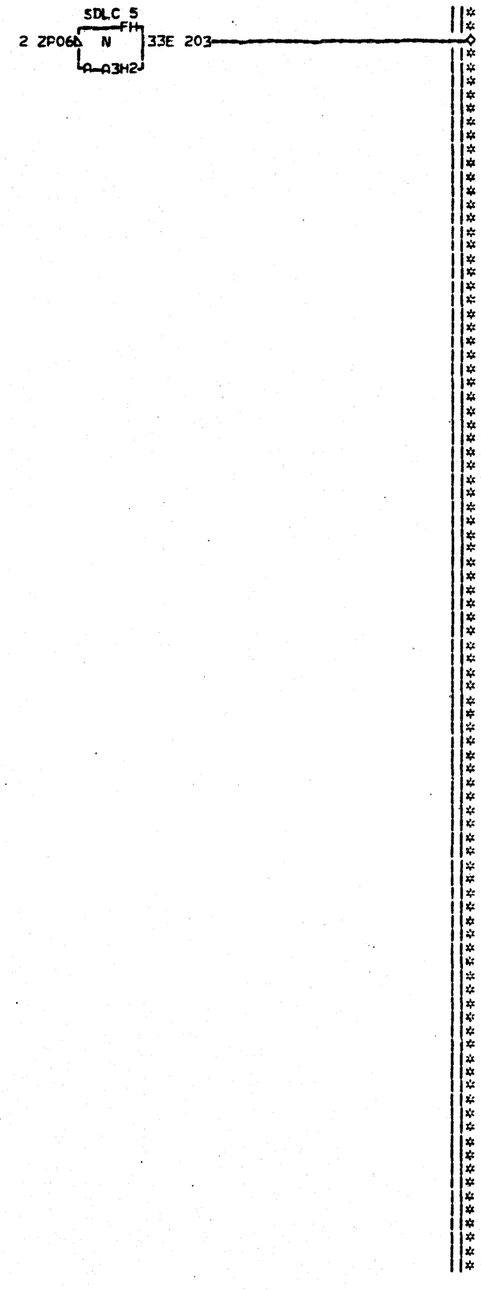




LOC. TYPE
A-A3H2 7612



OCO TA251

145 + LCD 3 — TA261-BD2

173 + LCD 0 — CD2
↳TA211 ↳TA261

103 + PCF 0 — CF2
↳TA211 ↳TA221

132 + SS 10↓8 OR SS 11↓8 — TA261-CH2

187 + SS 8↓5 — TA231-CK2

166 + LCD 1 — DD2
↳TA211 ↳TA261

110 + PCF 1 — TA211-DF2

181 + B DATA 5 RECEIVED DATA — TA261-DK2

152 + LCD 2 — TA261-ED2

117 + PCF 2 — TA211-EF2

124 + SDLC 6 OR SPT — TA261-EH2

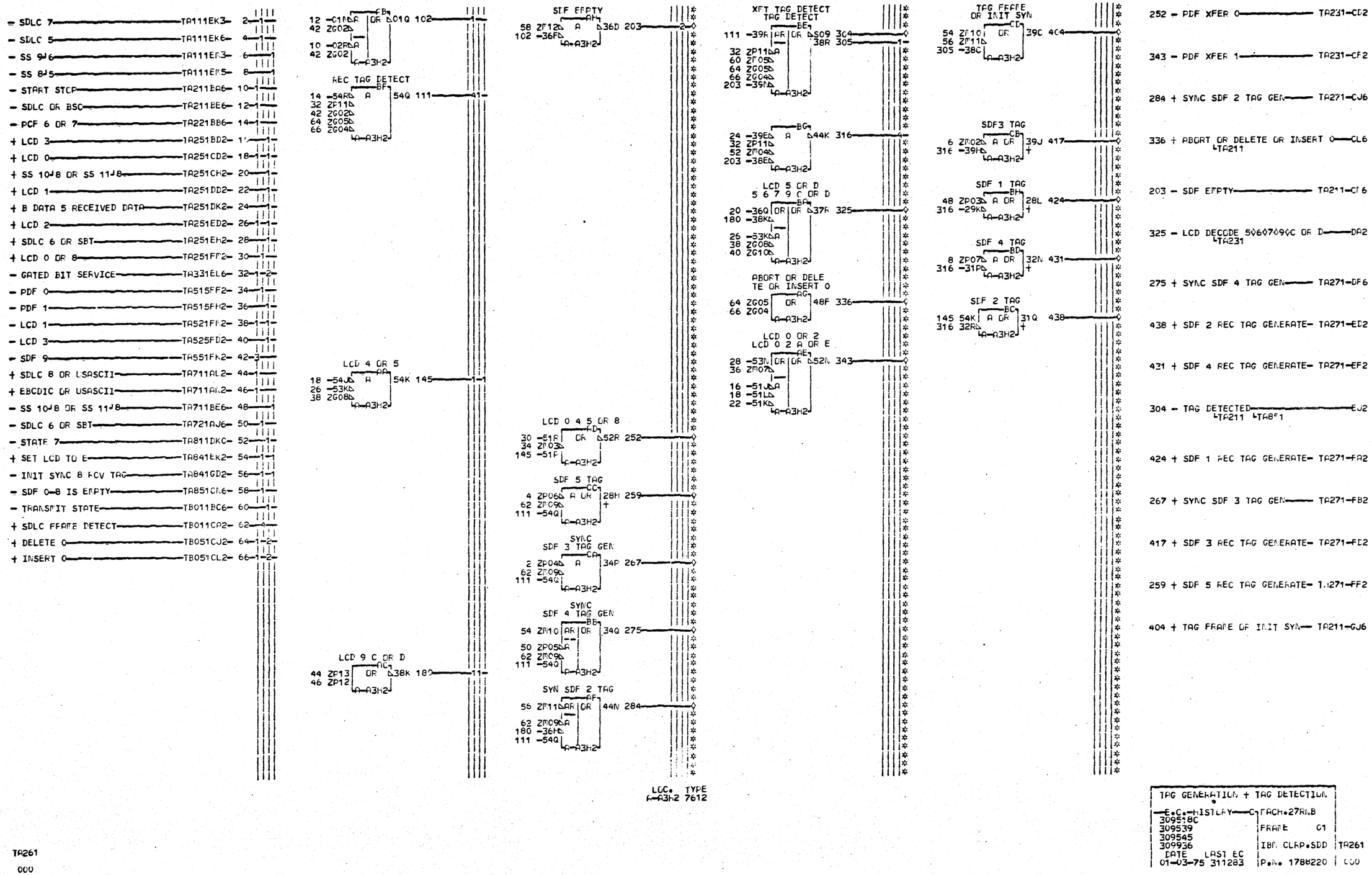
138 + PCF 3 — TA211-FF2

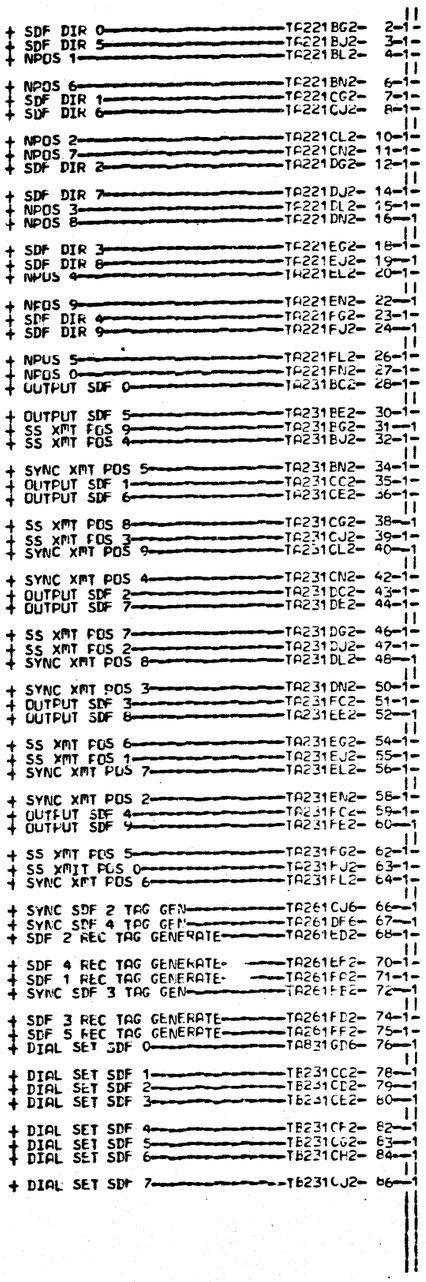
203 + SDLC 5 — TA231-FH2

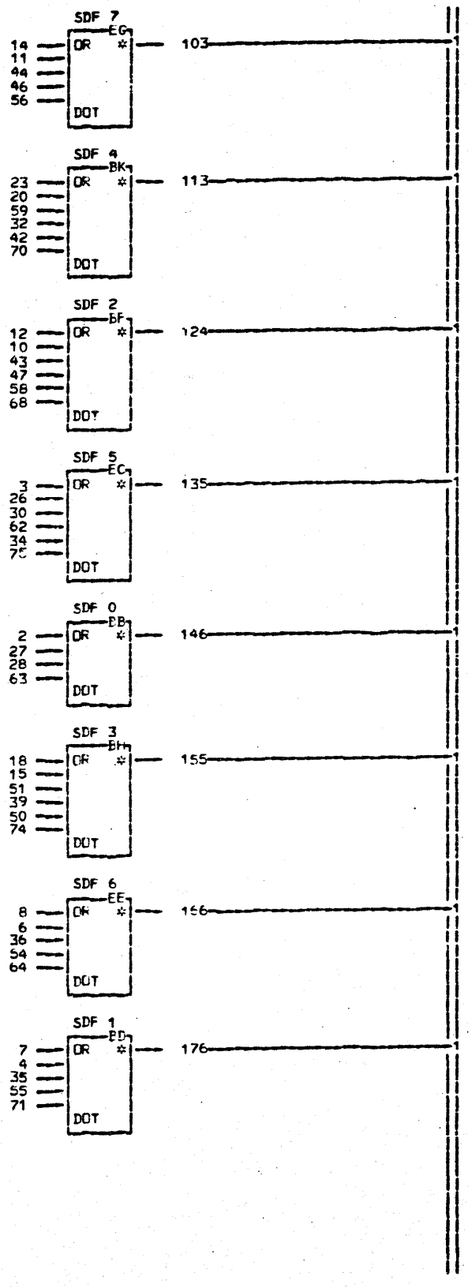
159 + LCD 0 OR 8 — TA261-FM2

LOGIC INVERTERS		
—E.C.—HISTORY—	—P.—	MACH.27RNB
309518C		FRAME 01
		IBM CORP. SDD
DATE LAST EC		P.N. 1788219
04-24-72 309545		

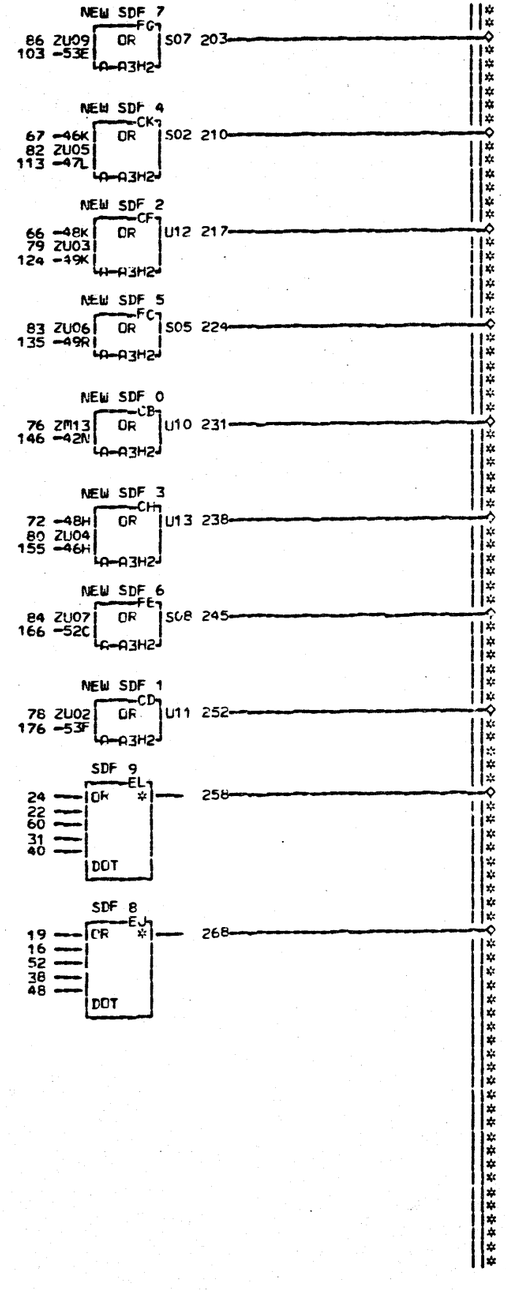
TA251
000


- SDLC 7 TA111EK3- 2
- SDLC 5 TA111EK6- 4
- SS 9J6 TA111EM3- 6
- SS 8J5 TA111EM5- 8
- START STOP TA211BA6- 10
- SDLC OR BSC TA211BE6- 12
- PCF 6 OR 7 TA221BB6- 14
+ LCD 3 TA251BD2- 16
+ LCD 0 TA251CD2- 18
+ SS 10J8 OR SS 11J8 TA251CH2- 20
+ LCD 1 TA251DD2- 22
+ B DATA 5 RECEIVED DATA TA251DK2- 24
+ LCD 2 TA251ED2- 26
+ SDLC 6 OR SBT TA251EH2- 28
+ LCD 0 OR 8 TA251FM2- 30
- GATED BIT SERVICE TA331EL6- 32
- PDF 0 TA515FF2- 34
- PDF 1 TA515FH2- 36
- LCD 1 TA521FM2- 38
- LCD 3 TA525FD2- 40
- SDF 9 TA551FK2- 42
+ SDLC 8 OR USASCII TA711AL2- 44
+ EBCDIC OR USASCII TA711AN2- 46
- SS 10J8 OR SS 11J8 TA711BE6- 48
- SDLC 6 OR SBT TA721AJ6- 50
- STATE 7 TA811DKC- 52
+ SET LCD TO E TA841EK2- 54
- INIT SYNC & RCV TAG TA841GD2- 56
- SDF 0-8 IS EMPTY TA851CL6- 58
- TRANSMIT STATE TB011BC6- 60
+ SDLC FRAME DETECT TB011CA2- 62
+ DELETE 0 TB051CJ2- 64
+ INSERT 0 TB051CL2- 66
12 -01N A OR 01Q 102
42 ZG02
10 -02R A
42 ZG02
A-A3H2
REC TAG DETECT
14 -54R A 54Q 111
32 ZP11
42 ZG02
64 ZG05
66 ZG04
A-A3H2
LCD 4 OR 5
18 -54J A 54K 145
26 -53K
38 ZG08
A-A3H2
LCD 9 C OR D
44 ZP13 OR 38K 180
46 ZP12
A-A3H2
SDF EMPTY
58 ZP12 A 36D 203
102 -36F
A-A3H2
LCD 0 4 5 OR 8
30 -51R OR 52R 252
34 ZM03
145 -51P
A-A3H2
SDF 5 TAG
4 ZP06 A OR 28H 259
62 ZM09
111 -54Q
A-A3H2
SYNC
SDF 3 TAG GEN
2 ZP04 A 34P 267
62 ZM09
111 -54Q
A-A3H2
SYNC
SDF 4 TAG GEN
54 ZM10 AR OR 34Q 275
50 ZP05 A
62 ZM09
111 -54Q
A-A3H2
SYN SDF 2 TAG
56 ZM11 AR OR 44N 284
62 ZM09 A
180 -36H
111 -54Q
A-A3H2
XFT TAG DETECT
TAG DETECT
111 -39R AR OR 30J 304
38R 305
32 ZP11
60 ZP05
64 ZG05
66 ZG04
203 -39N
A-A3H2
24 -39E A 44K 316
32 ZP11
52 ZM04
203 -38E
A-A3H2
LCD 5 OR D
5 6 7 9 C OR D
20 -36Q OR OR 37R 325
180 -38K
26 -33K A
38 ZG08
40 ZG10
A-A3H2
ABORT OR DELE
TE OR INSERT 0
64 ZG05 OR 48F 336
66 ZG04
A-A3H2
LCD 0 OR 2
LCD 0 2 A OR E
28 -53N OR OR 52N 343
36 ZM07
16 -51J A
18 -51L
22 -51K
A-A3H2
TAG FRAME
OR INIT SYN
54 ZM10 OR 39C 404
56 ZM11
305 -38C
A-A3H2
SDF3 TAG
6 ZM02 A OR 39J 417
316 -39H +
A-A3H2
SDF 1 TAG
48 ZP03 A OR 28L 424
316 -29K +
A-A3H2
SDF 4 TAG
8 ZP07 A OR 32N 431
316 -31P +
A-A3H2
SDF 2 TAG
145 54K A OR 31Q 438
316 32R +
A-A3H2
CCO TA261
252 - PDF XFER 0 TA231-CD2
343 - PDF XFER 1 TA231-CF2
284 + SYNC SDF 2 TAG GEN TA271-CJ6
336 + ABORT OR DELETE OR INSERT 0 CL6
TA211
203 - SDF EMPTY TA211-CF6
325 - LCD DECODE 5 6 7 9 C OR D DA2
TA231
275 + SYNC SDF 4 TAG GEN TA271-DF6
438 + SDF 2 REC TAG GENERATE- TA271-ED2
431 + SDF 4 REC TAG GENERATE- TA271-EF2
304 - TAG DETECTED EJ2
TA211 TA8F1
424 + SDF 1 REC TAG GENERATE- TA271-FA2
267 + SYNC SDF 3 TAG GEN TA271-FB2
417 + SDF 3 REC TAG GENERATE- TA271-FD2
259 + SDF 5 REC TAG GENERATE- TA271-FF2
404 + TAG FRAME OR INIT SYN GJ6
LOC. TYPE
A-A3H2 7612
TAG GENERATION + TAG DETECTION
E.C. HISTORY C
3095180
309539
309545
309936
DATE LAST EC
01-03-75 311283
MACH.27RNB
FRAME 01
IBM CLARK.SDD TA261
P.N. 1788220 000
TA261
000





LOC. TYPE
A-A3H2 7612



231 + NEW SDF 0 — CB6
LTA545 LTA571

252 + NEW SDF 1 — CD6
LTA545 LTA571

217 + NEW SDF 2 — CF6
LTA545 LTA571

238 + NEW SDF 3 — CH6
LTA545 LTA571

210 + NEW SDF 4 — CK6
LTA545 LTA571

268 + NEW SDF 8 — EJ4
LTA551 LTA571

258 + NEW SDF 9 — EL4
LTA551 LTA571

224 + NEW SDF 5 — FC6
LTA551 LTA571

245 + NEW SDF 6 — FE6
LTA551 LTA571

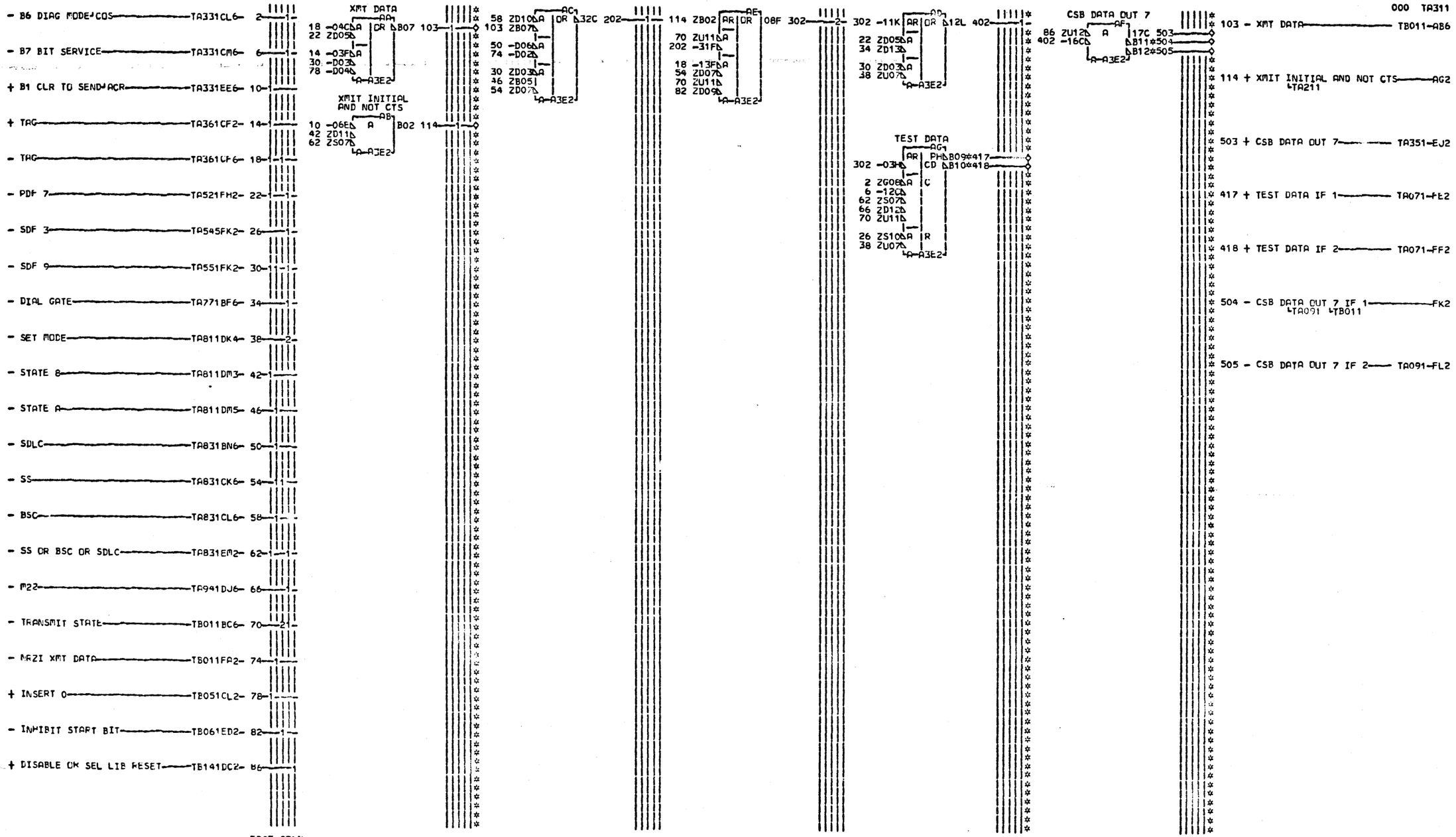
203 + NEW SDF 7 — FG6
LTA551 LTA571

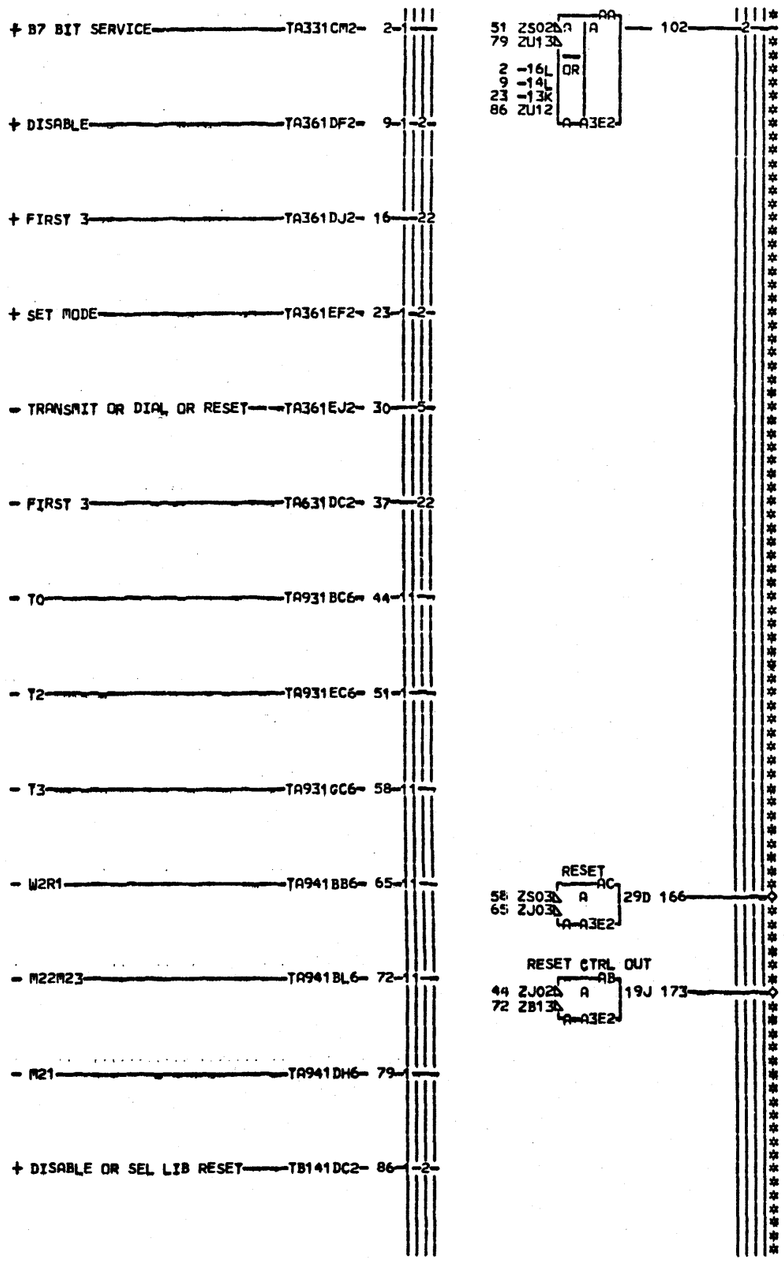
NEW SDF 0-9

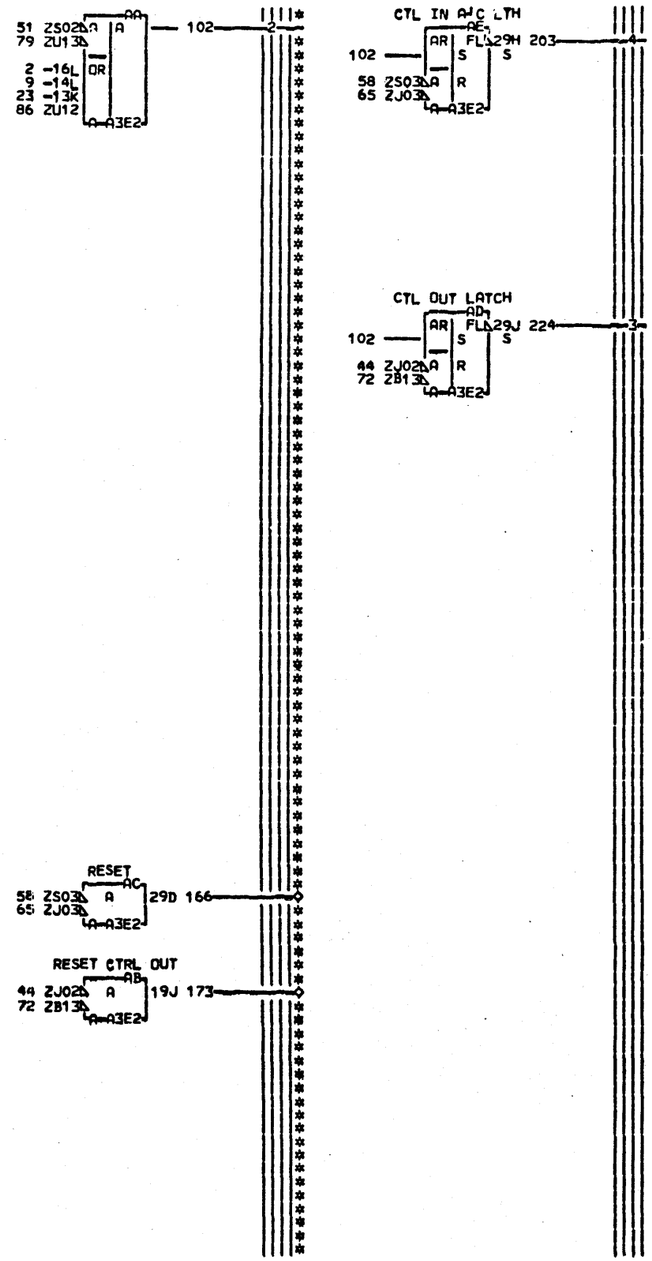
E.C.-HISTORY-B: MACH.27ANB
309518C

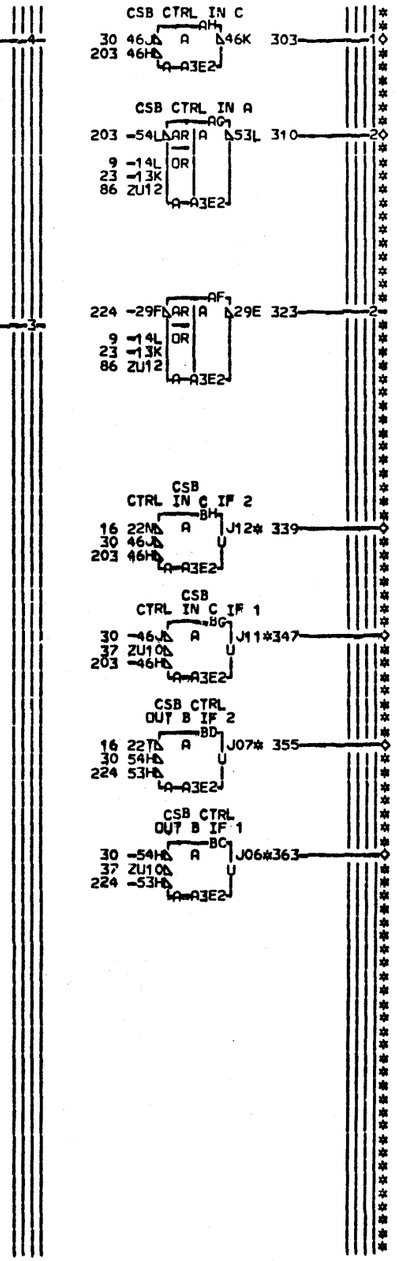
FRAME 01
IBM CORP.SDD TA271
P.N. 1788221 000

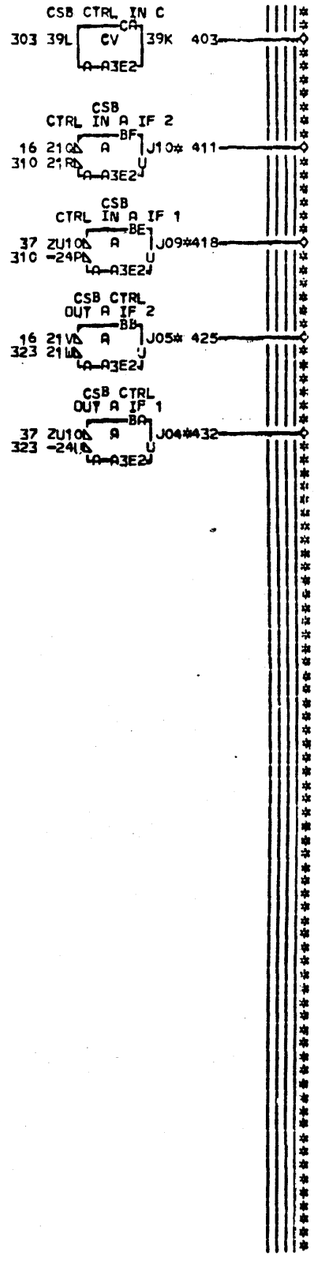
DATE LAST EC
04-24-72 309545


- B6 DIAG MODE COS — TA331CL6- 2
- B7 BIT SERVICE — TA331CM6- 6
+ B1 CLR TO SEND ACR — TA331EE6- 10
+ TAG — TA361CF2- 14
- TAG — TA361CF6- 18
- PDF 7 — TA521FH2- 22
- SDF 3 — TA545FK2- 26
- SDF 9 — TA551FK2- 30
- DIAL GATE — TA771BF6- 34
- SET MODE — TA811DK4- 38
- STATE 8 — TA811DM3- 42
- STATE A — TA811DM5- 46
- SDLC — TA831BN6- 50
- SS — TA831CK6- 54
- BSC — TA831CL6- 58
- SS OR BSC OR SDLC — TA831EM2- 62
- M22 — TA941DJ6- 66
- TRANSMIT STATE — TB011BC6- 70
- NRZI XMT DATA — TB011FA2- 74
+ INSERT 0 — TB051CL2- 78
- INHIBIT START BIT — TB061ED2- 82
+ DISABLE DK SEL LIB RESET — TB141DC2- 86
XMT DATA
XMIT INITIAL AND NOT CTS
EDGE CONN.
417 A-A3C1C11
418 A-A3N1C11
504 A-A3J1D13
505 A-A3U1D13
LOC. TYPE
A-A3E2 7613
CSB DATA OUT 7
TEST DATA
000 TA311
103 - XMT DATA — TB011-AB6
114 + XMIT INITIAL AND NOT CTS — AG2
TA211
503 + CSB DATA OUT 7 — TA351-EJ2
417 + TEST DATA IF 1 — TA071-FE2
418 + TEST DATA IF 2 — TA071-FF2
504 - CSB DATA OUT 7 IF 1 — FK2
TA091 TB011
505 - CSB DATA OUT 7 IF 2 — TA091-FL2
CSB DATA OUT 7
TEST DATA
-E.C.-HISTORY-B-
309518C
309539
DATE LAST EC
04-24-72 309545
MACH.27RNB
FRAME 01
IBM CORP.SDD
P.N. 1788222
TA311
000









000 TA321

173 + RESET CTRL OUT (TA341 TA361) AD2

166 + RESET TA361-AJ2

310 - CSB CTRL IN A TA341-CH6

432 + CSB CTRL OUT A IF 1 TA071-DC2

425 + CSB CTRL OUT A IF 2 (TA071 TB421) DD2

303 - CSB CTRL IN C TA341-DK2

363 + CSB CTRL OUT B IF 1 TA071-EF2

355 + CSB CTRL OUT B IF 2 (TA071 TB421) EG2

418 + CSB CTRL IN A IF 1 TA091-EH2

411 + CSB CTRL IN A IF 2 (TA091 TB421) EJ2

347 + CSB CTRL IN C IF 1 TA091-EK2

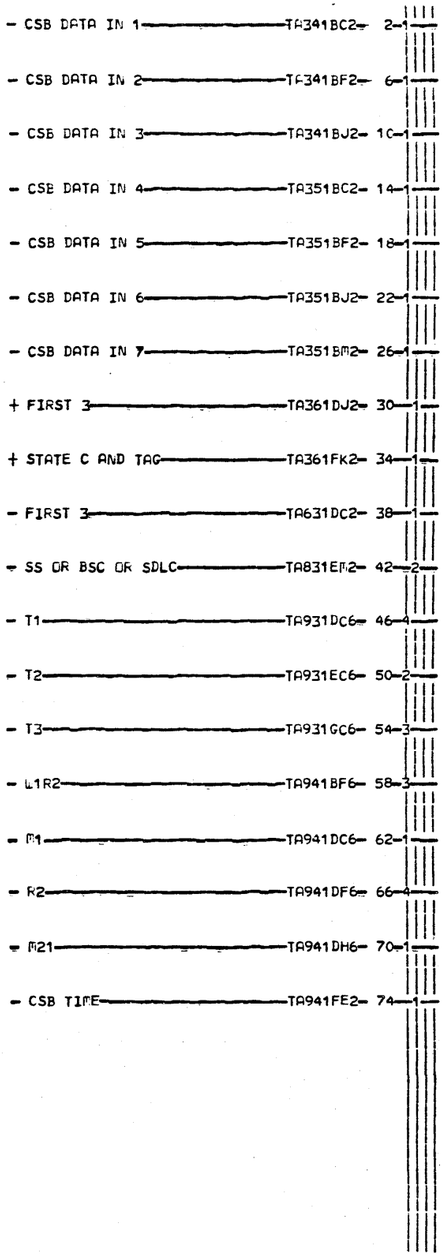
339 + CSB CTRL IN C IF 2 (TA091 TB421) EL2

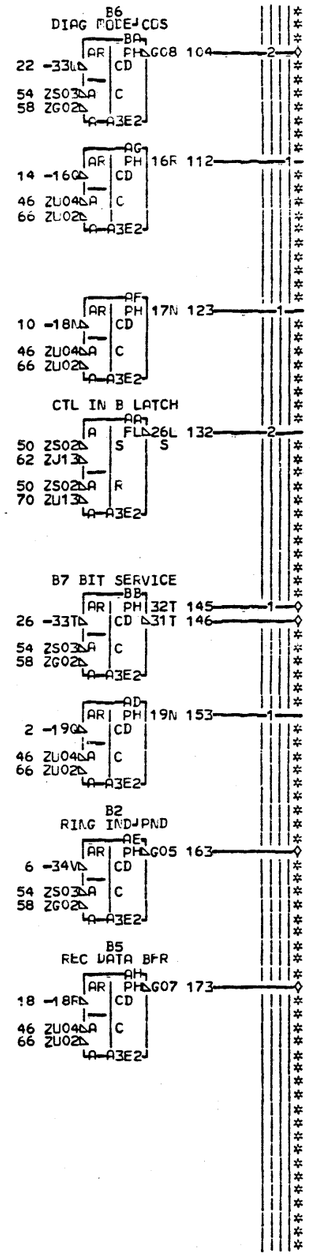
403 + CSB CTRL IN C TA341-EN2

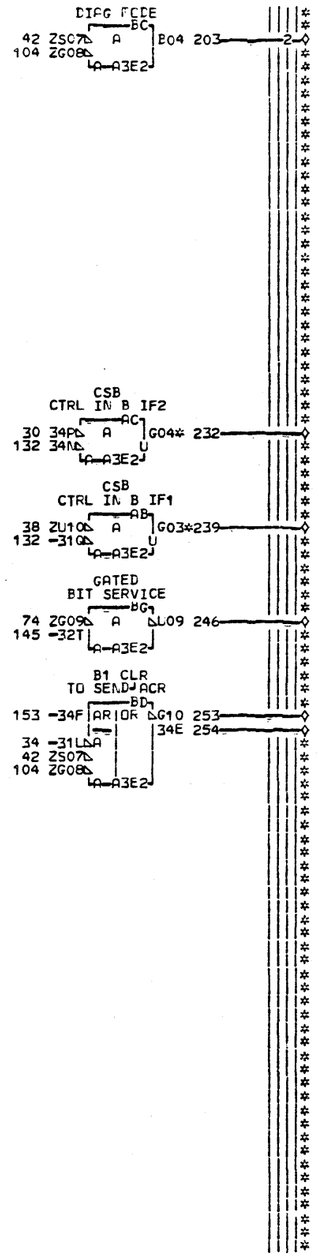
LOC. TYPE
A-A3E2 7613

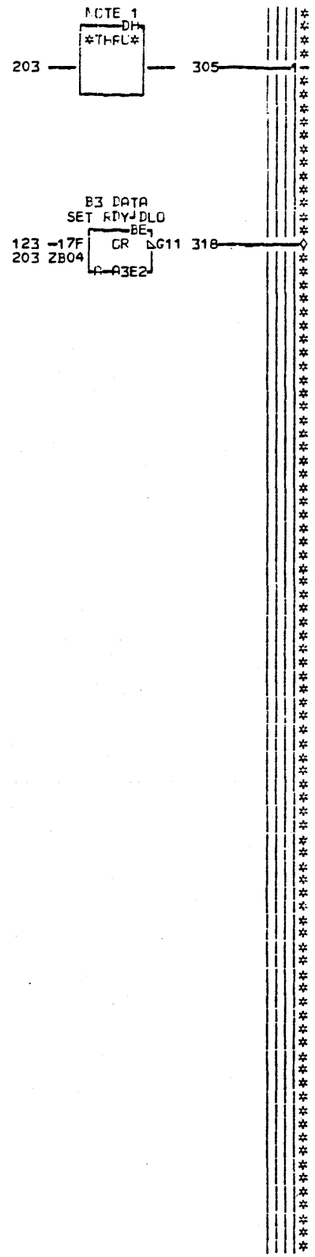
CTRL OUT A AND B
CTRL IN A AND C

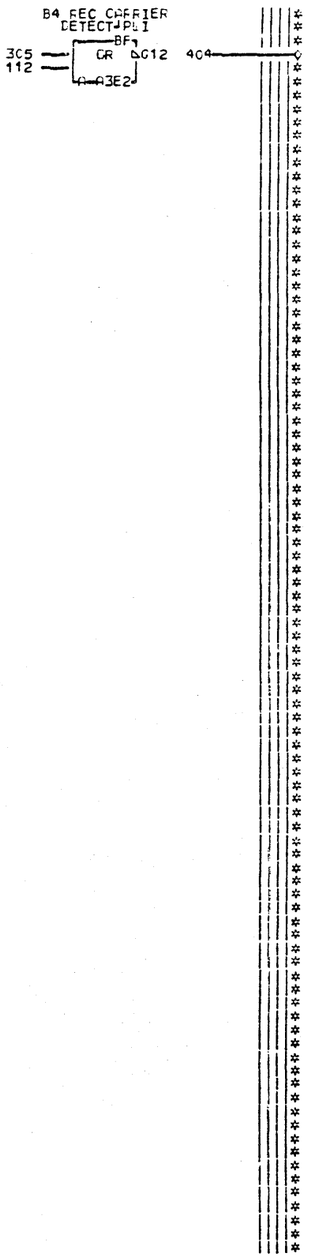
E.C. HISTORY	B	MACH 27 RNB
309518C		
309539		FRAME 01
309545		IBM CORP. SDD TA321
DATE LAST EC		P.N. 1788223 000
09-20-72 309944		











CCO TA331

239 + CSB CTRL IN B IF1 — TA091-CB2

232 + CSB CTRL IN B IF2 — CC2
TA091 TB421

163 - B2 RING IND PND — CF6
TA821 TA861 TA931 TB231

173 - B5 REC DATA BFR — CJ6
TA141 TA251 TA841 TA861
TA931 TB011 TB051

104 - B6 DIAG MODE CDS — CL6
TA311 TA861 TA931 TB231

145 + B7 BIT SERVICE — TA321-CF2

146 - B7 BIT SERVICE — CF6
TA311 TA361

203 + DIAG MODE — TA121-DL2

253 - B1 CLR TO SEND ACR — EE2
TA141 TA831 TA861 TA931
TB231

254 + B1 CLR TO SEND ACR — TA311-EE6

318 - B3 DATA SET RDY DLO — EG2
TA141 TA821 TA861 TA931
TB231

404 - B4 REC CARRIER DETECT PLI — EH2
TA121 TA861 TA931 TB231

246 - GATED BIT SERVICE — EL6
TA111 TA211 TA261 TA821
TA831 TA851 TA861 TA931
TB011 TB231

NOTE 1. THRU BLOCK VS CARD PN
THRU-CONN 8233277
THRU-OPEN SUBSTITUTE P.N.
SEE TA000 ADDENDUM 1

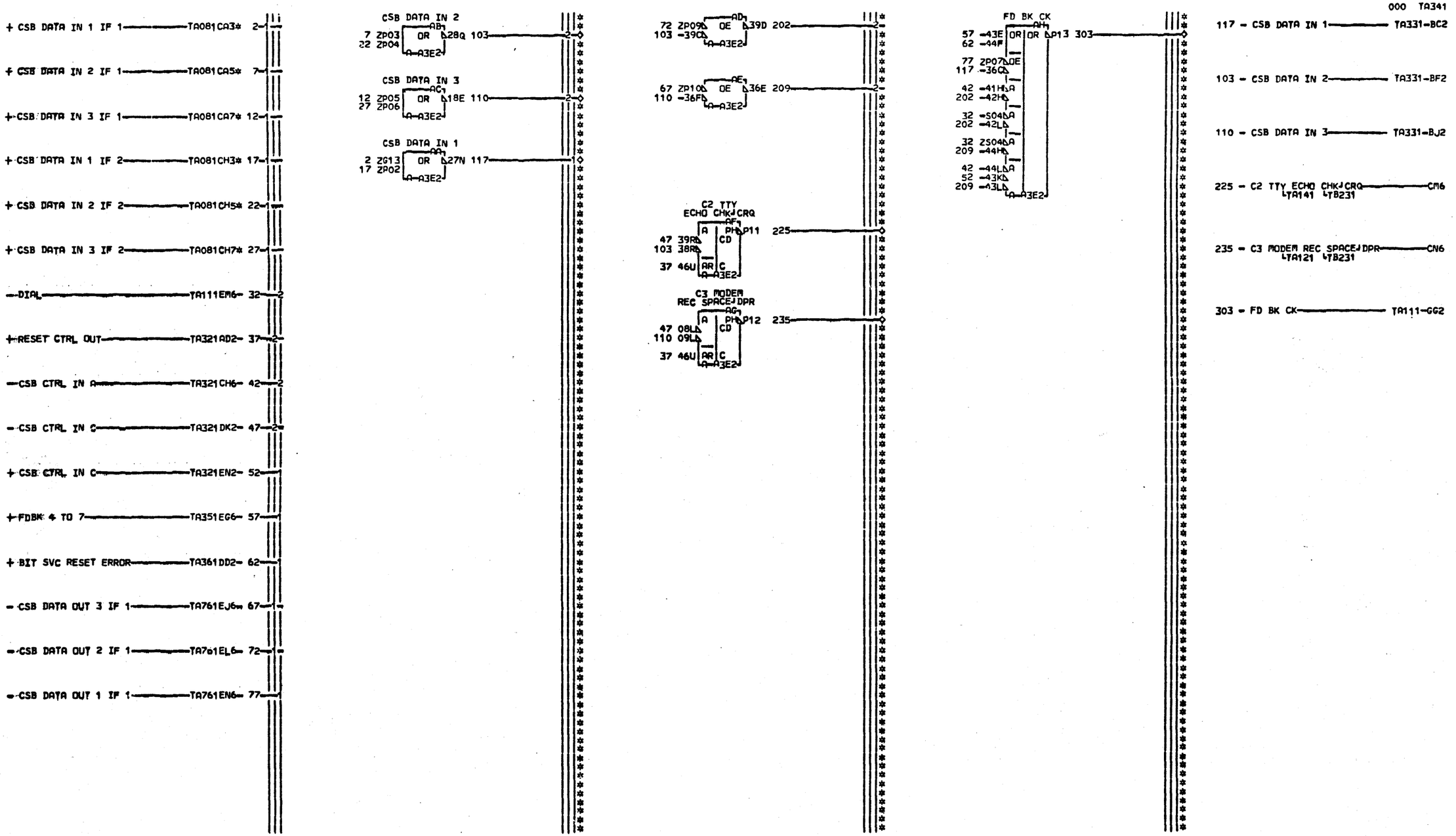
EDGE CONN.
232 A-A3T1D11
239 A-A3H1D11

LOC. TYPE
A-A3E2 7613

TA331
000

B DATA	
E.C. HISTORY	MACH.27RNB
309518C	
309539	FRAME 01
309545	
310284	IBM CORP.SDD
DATE LAST EC	P.N. 1788224

TA331
000

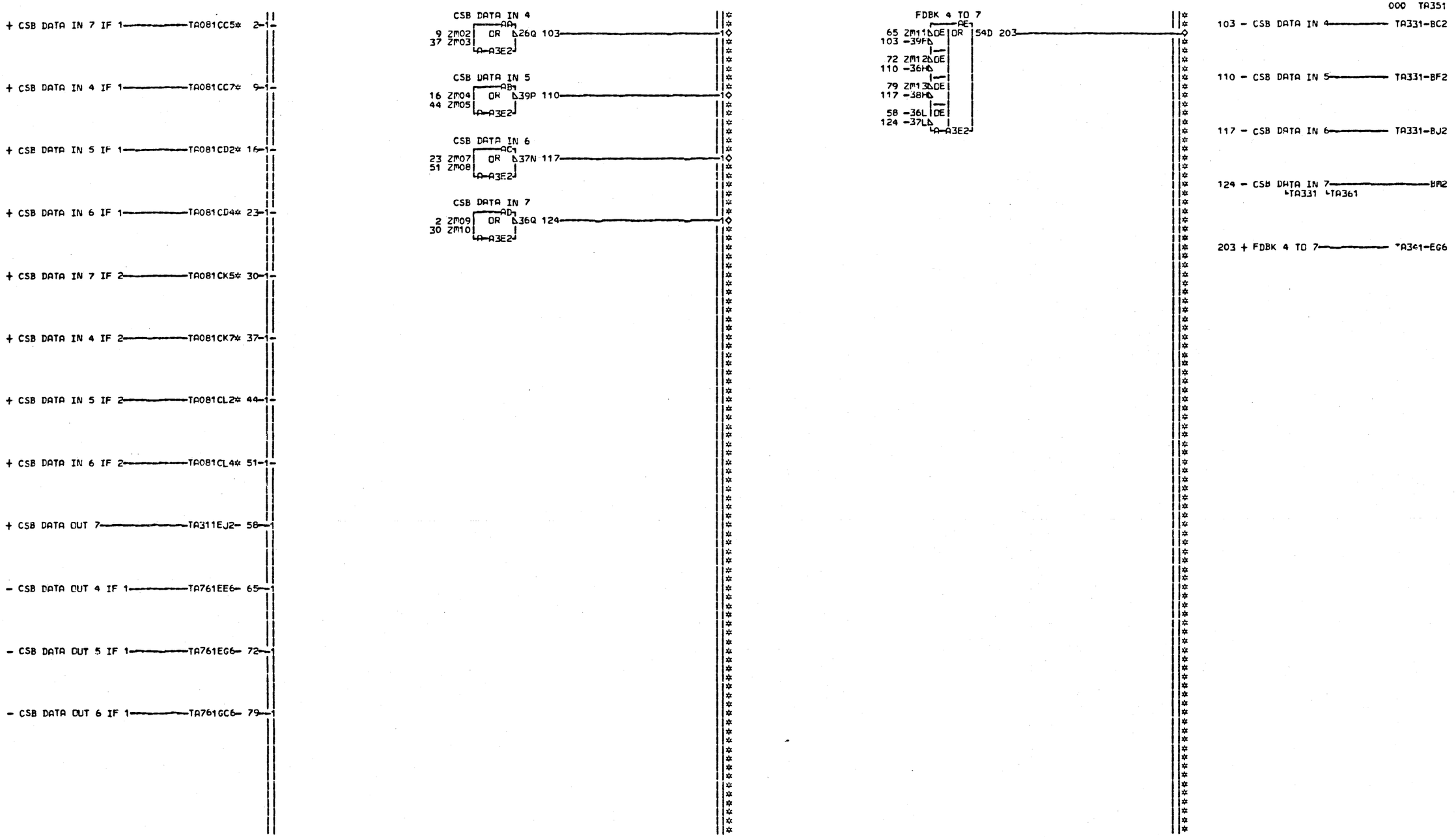


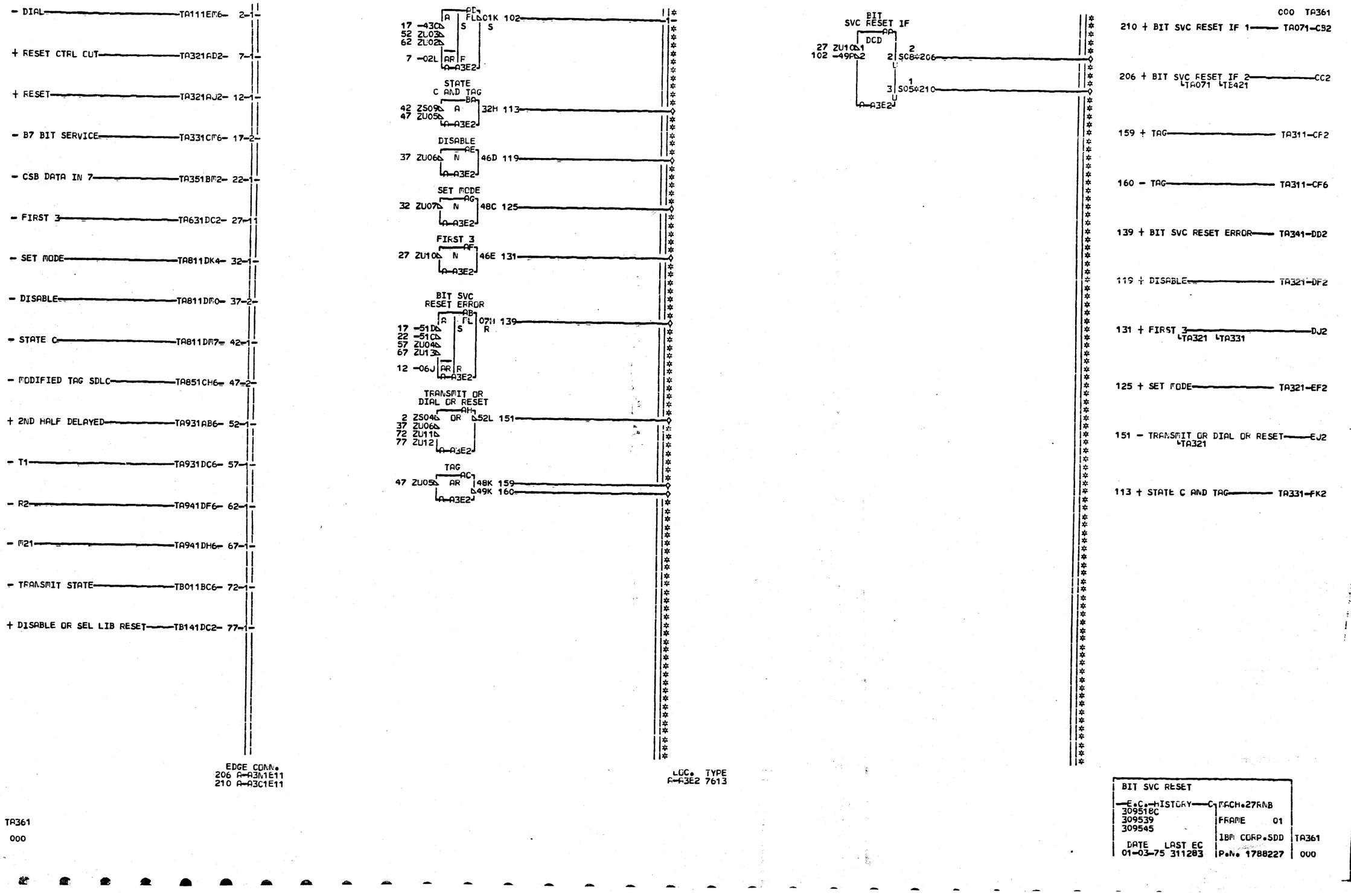
EDGE CONN.
2 RESISTOR A-A3E2G13
7 RESISTOR A-A3E2P03
12 RESISTOR A-A3E2P05
17 RESISTOR A-A3E2P02
22 RESISTOR A-A3E2P04
27 RESISTOR A-A3E2P06

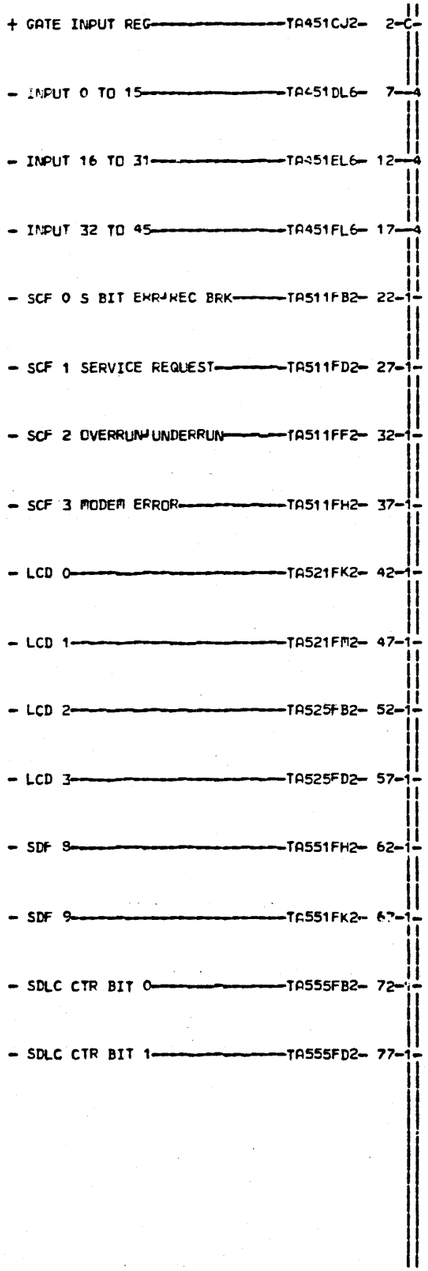
LOC. TYPE
A-A3E2 7613

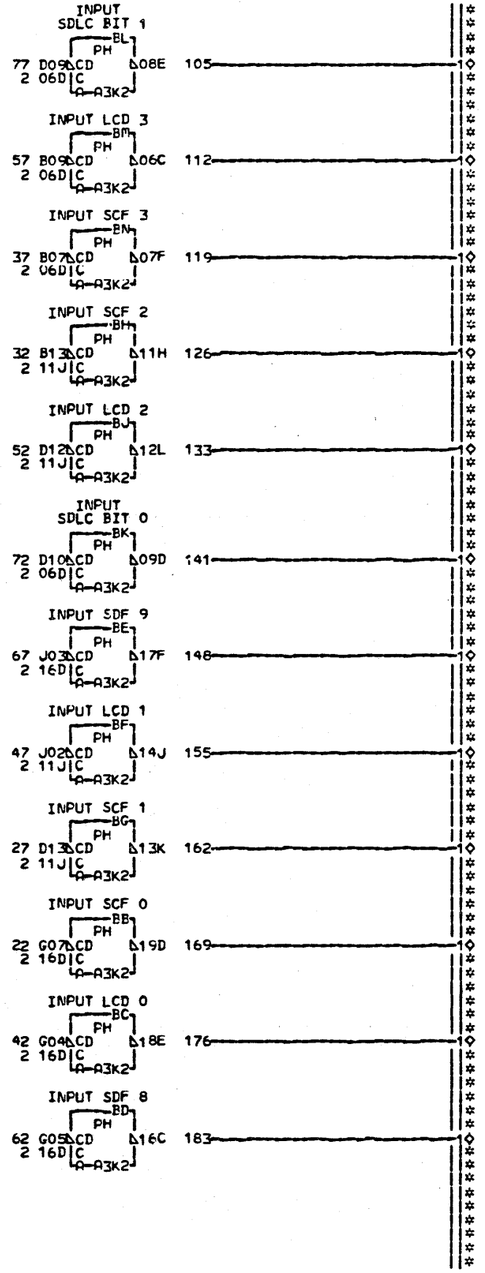
TA341
000

FDBK CK
DATA IN 1 TO 3
E.C.-HISTORY — By MACH.27RNB
309518C
309539
309545
DATE LAST EC
09-20-72 309944
FRAME 01
IBM CORP.SDD TA341
P.No. 1788225 000

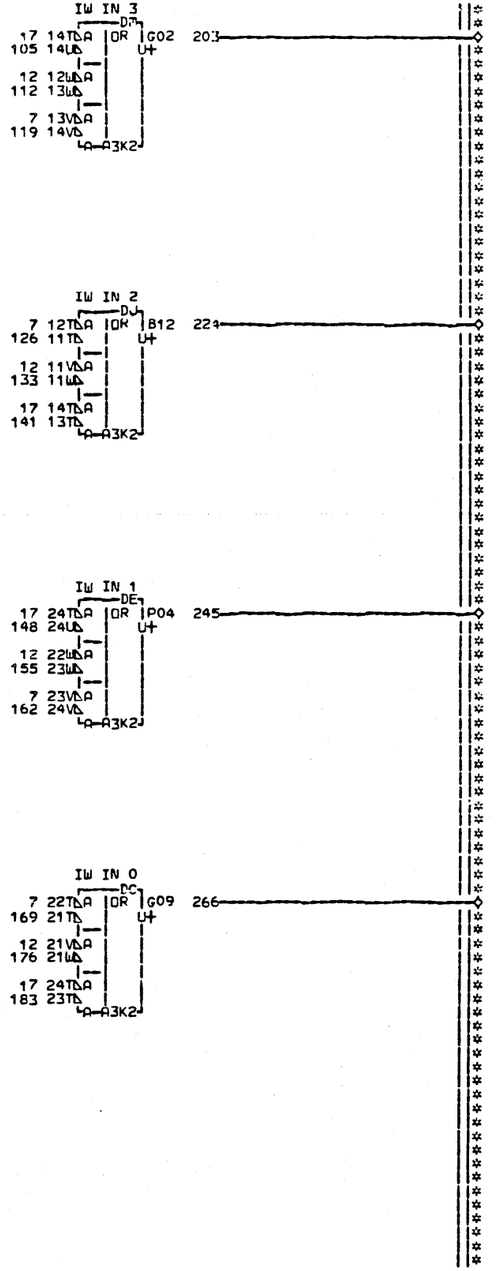

+ CSB DATA IN 7 IF 1 TA081CC5* 2
+ CSB DATA IN 4 IF 1 TA081CC7* 9
+ CSB DATA IN 5 IF 1 TA081CD2* 16
+ CSB DATA IN 6 IF 1 TA081CD4* 23
+ CSB DATA IN 7 IF 2 TA081CK5* 30
+ CSB DATA IN 4 IF 2 TA081CK7* 37
+ CSB DATA IN 5 IF 2 TA081CL2* 44
+ CSB DATA IN 6 IF 2 TA081CL4* 51
+ CSB DATA OUT 7 TA311EJ2- 58
- CSB DATA OUT 4 IF 1 TA761EE6- 65
- CSB DATA OUT 5 IF 1 TA761EG6- 72
- CSB DATA OUT 6 IF 1 TA761GC6- 79
CSB DATA IN 4
AA
9 ZM02 OR 26Q 103
37 ZM03
A-A3E2
CSB DATA IN 5
AB
16 ZM04 OR 39P 110
44 ZM05
A-A3E2
CSB DATA IN 6
AC
23 ZM07 OR 37N 117
51 ZM08
A-A3E2
CSB DATA IN 7
AD
2 ZM09 OR 36Q 124
30 ZM10
A-A3E2
FDBK 4 TO 7
AE
65 ZM11 OE OR 54D 203
103 -39F
72 ZM12 OE
110 -36H
79 ZM13 OE
117 -38H
58 -36L OE
124 -37L
A-A3E2
000 TA351
103 - CSB DATA IN 4 TA331-BC2
110 - CSB DATA IN 5 TA331-BF2
117 - CSB DATA IN 6 TA331-BJ2
124 - CSB DATA IN 7 BM2
TA331 TA361
203 + FDBK 4 TO 7 TA361-EG6
EDGE CONN.
2 RESISTOR A-A3E2M09
9 RESISTOR A-A3E2M02
16 RESISTOR A-A3E2M04
23 RESISTOR A-A3E2M07
30 RESISTOR A-A3E2M10
37 RESISTOR A-A3E2M03
44 RESISTOR A-A3E2M05
51 RESISTOR A-A3E2M08
LOC. TYPE
A-A3E2 7613
TA351
000
DATA IN 4 TO 7
E.C. HISTORY 309518C
MACH.27RNB
FRAME 01
IBM CORP.SDD
P.N. 1788226
TA351
000
DATE LAST EC
04-24-72 309545

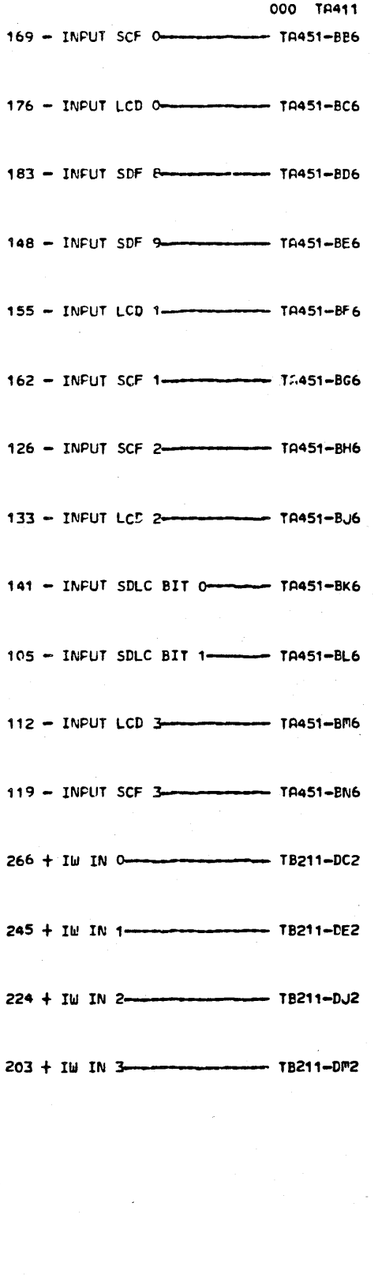

- DIAL TA111EM6- 2-1
+ RESET CTRL CUT TA321AD2- 7-1
+ RESET TA321AJ2- 12-1
- B7 BIT SERVICE TA331CF6- 17-2
- CSB DATA IN 7 TA351BM2- 22-1
- FIRST 3 TA631DC2- 27-1
- SET MODE TA811DK4- 32-1
- DISABLE TA811DM0- 37-2
- STATE C TA811DM7- 42-1
- MODIFIED TAG SDLC TA851CH6- 47-2
+ 2ND HALF DELAYED TA931AB6- 52-1
- T1 TA931DC6- 57-1
- R2 TA941DF6- 62-1
- M21 TA941DH6- 67-1
- TRANSMIT STATE TB011BC6- 72-1
+ DISABLE OR SEL LIB RESET TB141DC2- 77-1
EDGE CONN.
206 A-A3N1E11
210 A-A3C1E11
STATE C AND TAG
DISABLE
SET MODE
FIRST 3
BIT SVC RESET ERROR
TRANSMIT OR DIAL OR RESET
TAG
LOC. TYPE
A-A3E2 7613
BIT SVC RESET IF
C00 TA361
210 + BIT SVC RESET IF 1 TA071-C92
206 + BIT SVC RESET IF 2 TA071 TE421 CC2
159 + TAG TA311-CF2
160 - TAG TA311-CF6
139 + BIT SVC RESET ERROR TA341-DD2
119 + DISABLE TA321-DF2
131 + FIRST 3 TA321 TA331 DJ2
125 + SET MODE TA321-EF2
151 - TRANSMIT OR DIAL OR RESET TA321 EJ2
113 + STATE C AND TAG TA331-FK2
BIT SVC RESET
E.C. HISTORY
309518C
309539
309545
DATE LAST EC
01-03-75 311283
MACH.27RNB
FRAME 01
IBM CORP.SDD
P.N. 1788227
TA361
000
TA361
000





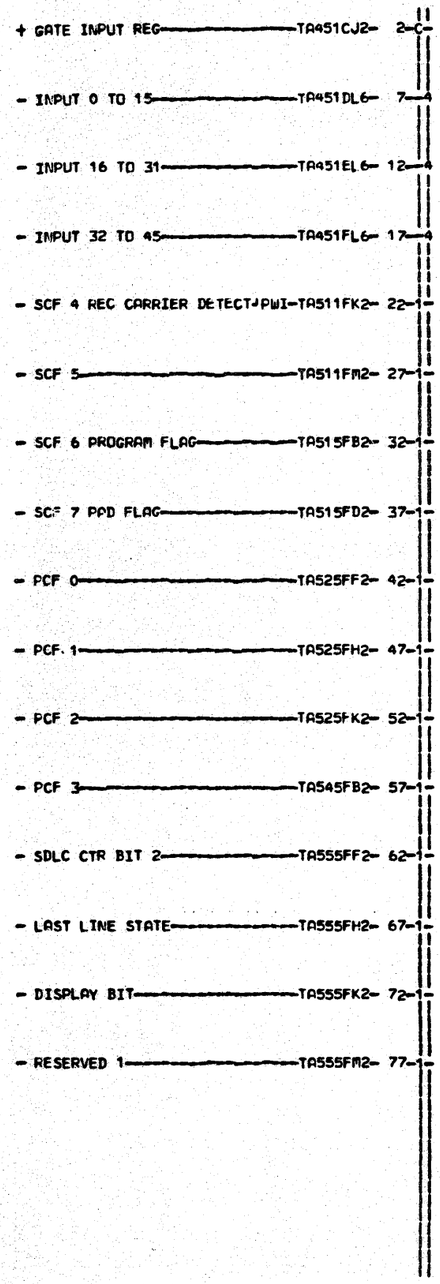
LCC• TYPE
A-F3K2 7614

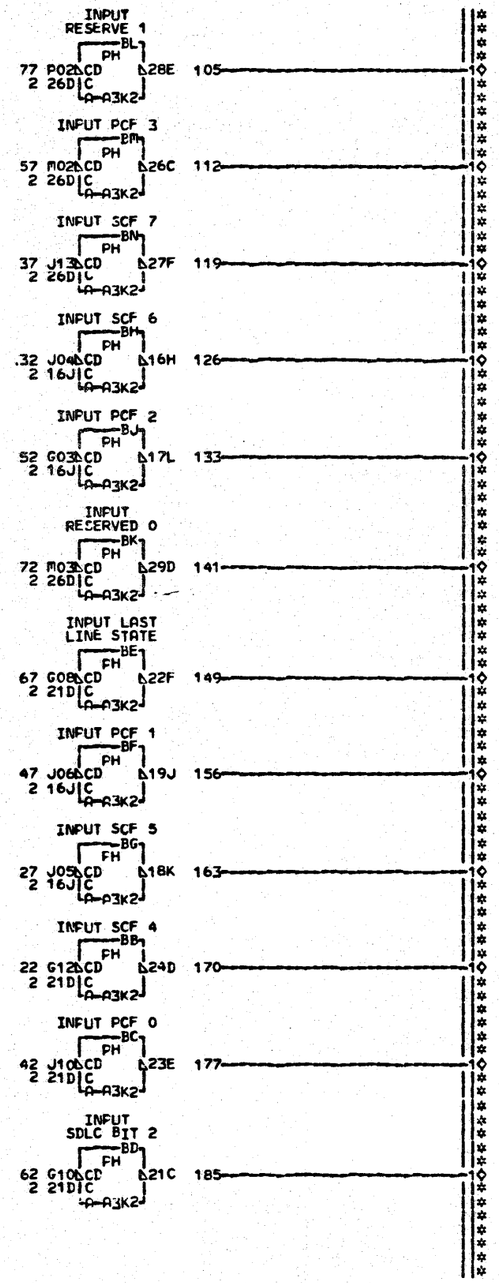




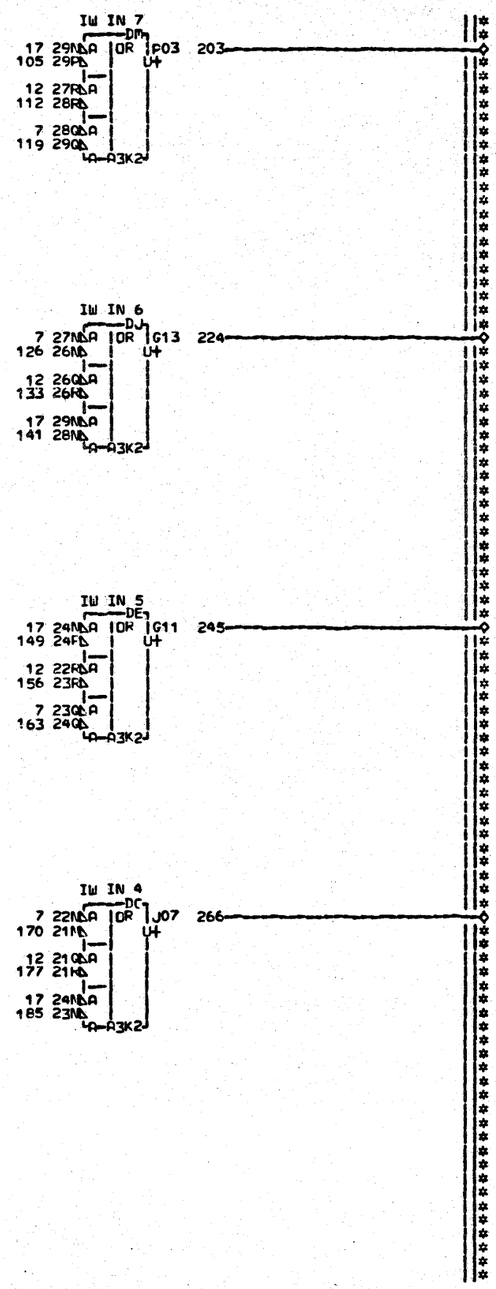
INPUT REG

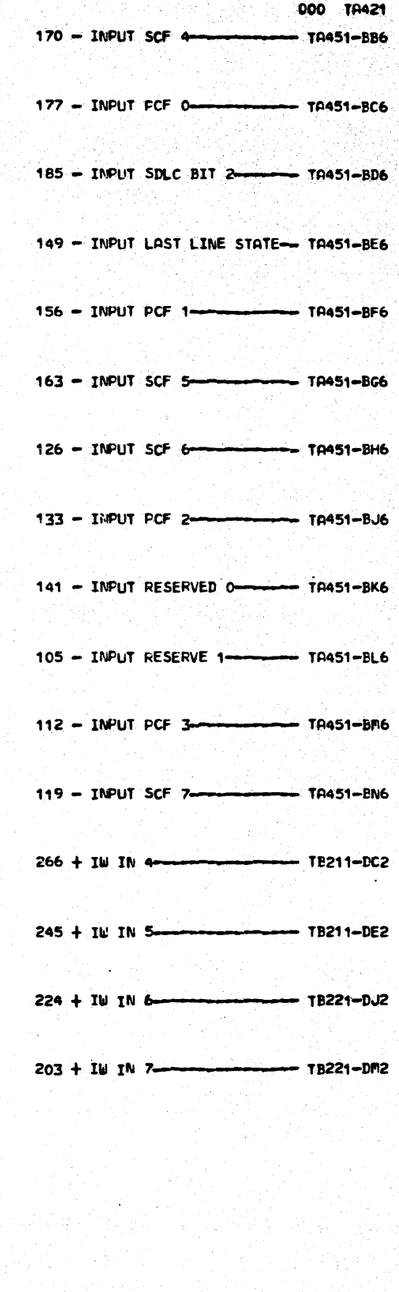
E•C•-HISTORY — B — MACH•27RNB
309518C
309539
FRAME 01
IBM CORP•SDD — TA411
DATE LAST EC
04-24-72 309545
P•N• 1788228 — 000



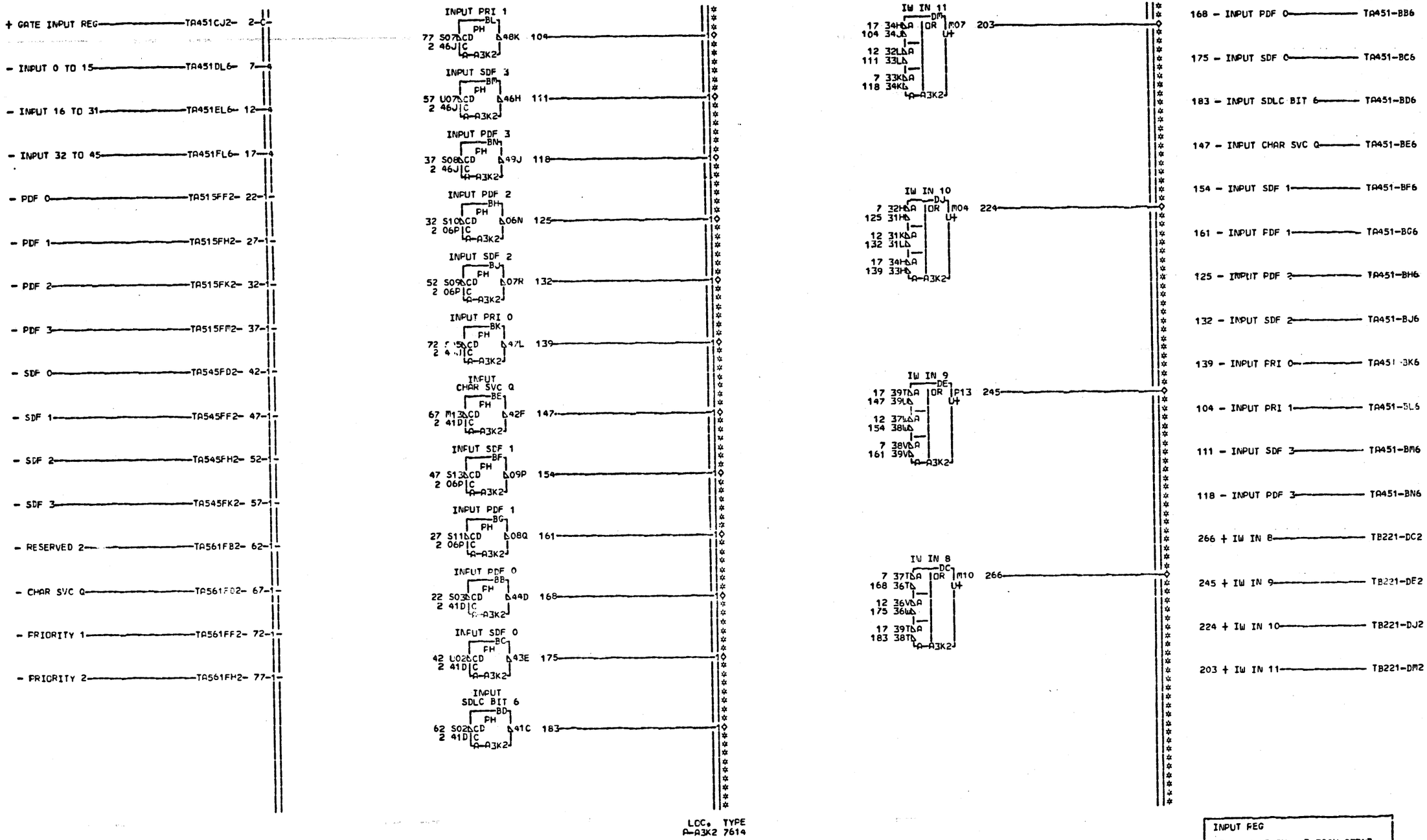


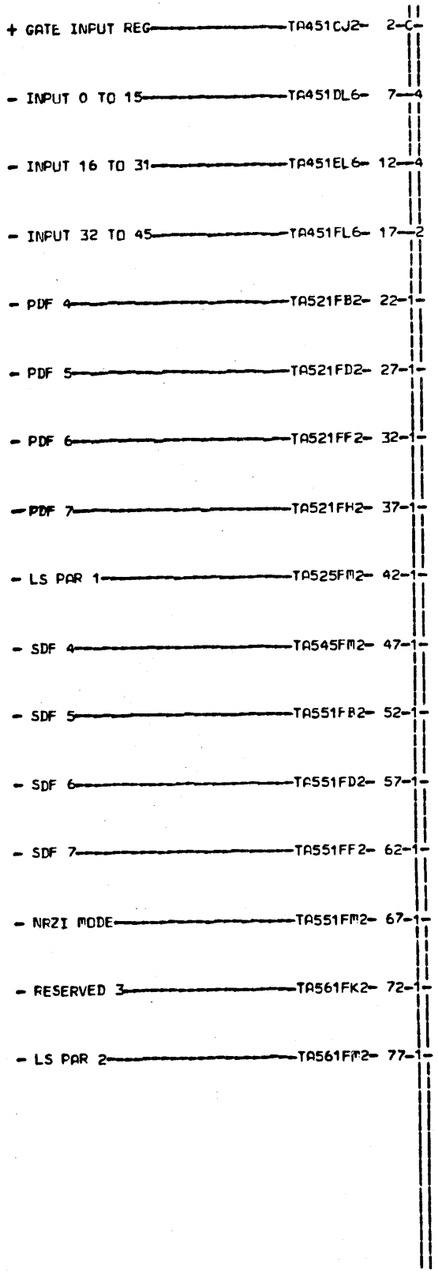
LOC. TYPE
A-A3K2 7614

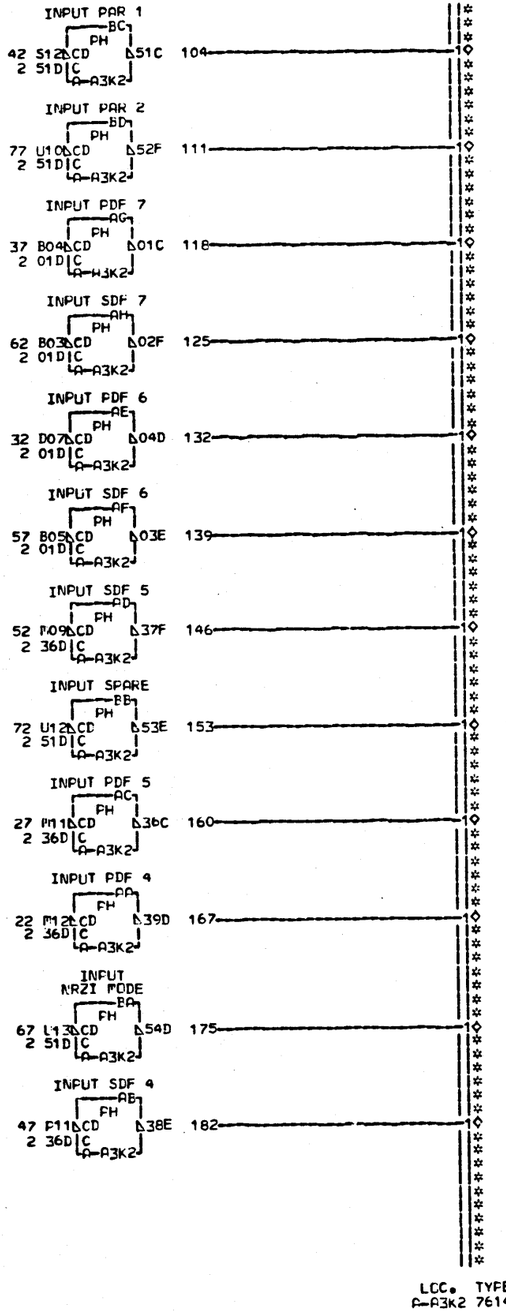




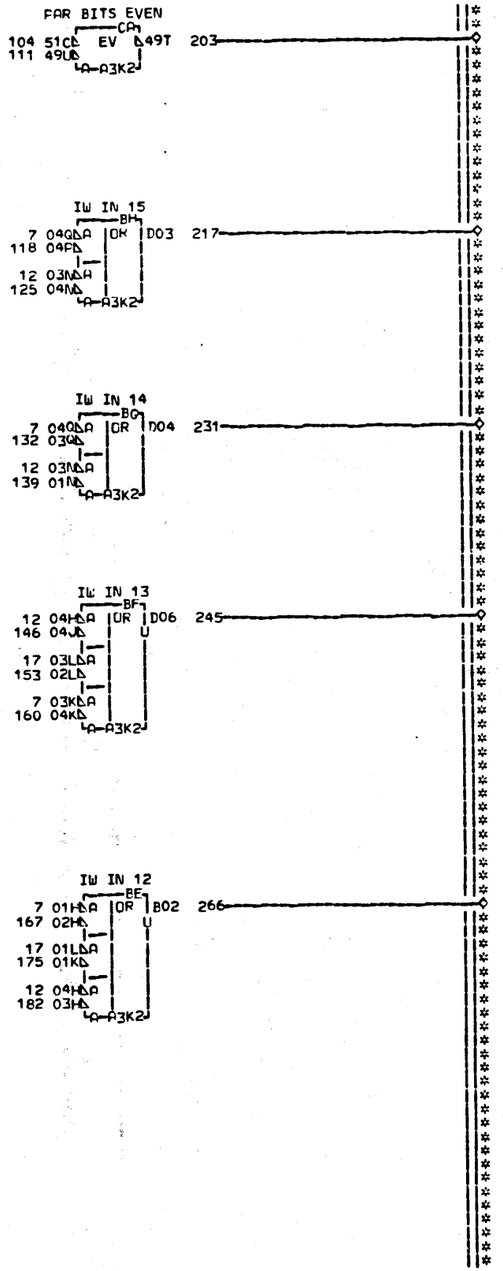
INPUT REG		
E.C.-HISTORY — B	MACH.27RNB	
309518C	FRAME 01	
309539	IBM CORP.SDD	TA421
DATE LAST EC	P.No. 1788229	000


+ GATE INPUT REG — TA451CJ2 — 2 — C
- INPUT 0 TO 15 — TA451DL6 — 7 — 8
- INPUT 16 TO 31 — TA451EL6 — 12 — 8
- INPUT 32 TO 45 — TA451FL6 — 17 — 4
- PDF 0 — TA515FF2 — 22 — 1
- PDF 1 — TA515FH2 — 27 — 1
- PDF 2 — TA515FK2 — 32 — 1
- PDF 3 — TA515FM2 — 37 — 1
- SDF 0 — TA545FD2 — 42 — 1
- SDF 1 — TA545FF2 — 47 — 1
- SDF 2 — TA545FH2 — 52 — 1
- SDF 3 — TA545FK2 — 57 — 1
- RESERVED 2 — TA561FB2 — 62 — 1
- CHAR SVC Q — TA561FD2 — 67 — 1
- PRIORITY 1 — TA561FF2 — 72 — 1
- PRIORITY 2 — TA561FH2 — 77 — 1
INPUT PRI 1 BL PH 77 S07 CD 2 46J C A-A3K2 48K 104
INPUT SDF 3 BM PH 57 U07 CD 2 46J C A-A3K2 46H 111
INPUT PDF 3 BN PH 37 S08 CD 2 46J C A-A3K2 49J 118
INPUT PDF 2 BH PH 32 S10 CD 2 06P C A-A3K2 06N 125
INPUT SDF 2 BJ PH 52 S09 CD 2 06P C A-A3K2 07R 132
INPUT PRI 0 BK PH 72 [illegible] CD 2 [illegible] C A-A3K2 47L 139
INPUT CHAR SVC Q BE PH 67 M13 CD 2 41D C A-A3K2 42F 147
INPUT SDF 1 BF PH 47 S13 CD 2 06P C A-A3K2 09P 154
INPUT PDF 1 BG PH 27 S11 CD 2 06P C A-A3K2 08Q 161
INPUT PDF 0 BB PH 22 S03 CD 2 41D C A-A3K2 44D 168
INPUT SDF 0 BC PH 42 L02 CD 2 41D C A-A3K2 43E 175
INPUT SDLC BIT 6 BD PH 62 S02 CD 2 41D C A-A3K2 41C 183
LOC. TYPE
A-A3K2 7614
IW IN 11 DM 17 34H 104 34J OR M07 U+ 203
12 32L 111 33L
7 33K 118 34K A-A3K2
IW IN 10 DJ 7 32H 125 31H OR M04 U+ 224
12 31K 132 31L
17 34H 139 33H A-A3K2
IW IN 9 DE 17 39T 147 39U OR P13 U+ 245
12 37U 154 38U
7 38V 161 39V A-A3K2
IW IN 8 DC 7 37T 168 36T OR M10 U+ 266
12 36V 175 36W
17 39T 183 38T A-A3K2
000 TA431
168 - INPUT PDF 0 — TA451-BB6
175 - INPUT SDF 0 — TA451-BC6
183 - INPUT SDLC BIT 6 — TA451-BD6
147 - INPUT CHAR SVC Q — TA451-BE6
154 - INPUT SDF 1 — TA451-BF6
161 - INPUT PDF 1 — TA451-BG6
125 - INPUT PDF 2 — TA451-BH6
132 - INPUT SDF 2 — TA451-BJ6
139 - INPUT PRI 0 — TA451-BK6
104 - INPUT PRI 1 — TA451-BL6
111 - INPUT SDF 3 — TA451-BM6
118 - INPUT PDF 3 — TA451-BN6
266 + IW IN 8 — TB221-DC2
245 + IW IN 9 — TB221-DE2
224 + IW IN 10 — TB221-DJ2
203 + IW IN 11 — TB221-DM2
INPUT REG
E.C.-HISTORY — B
309518C
309539
MACH.27RNB
FRAME 01
IBM CCFP.SDD
TA431
DATE LAST EC
04-24-72 309545
P.N. 1786230
000
TA431
000





LCC. TYPE
A-A3K2 7614



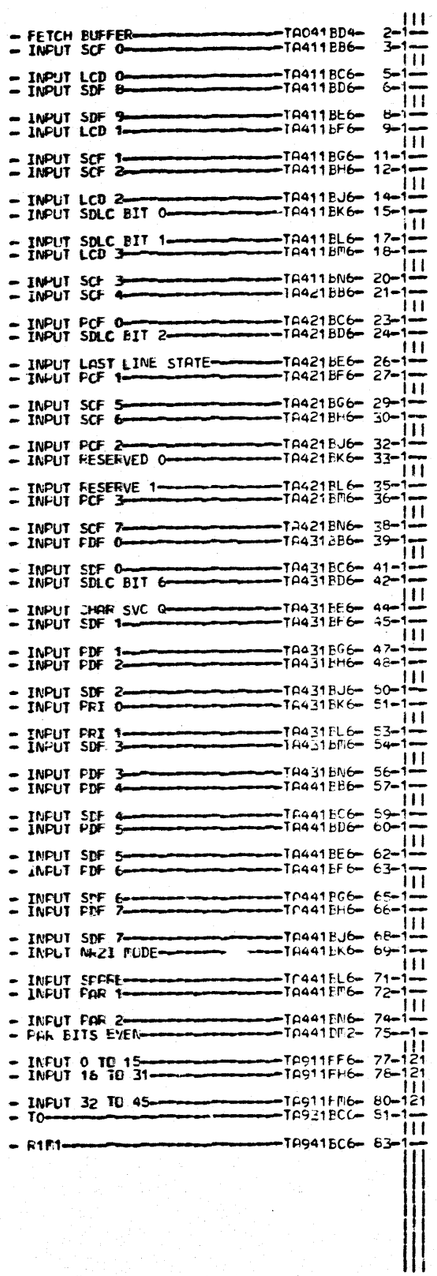
000 TA441

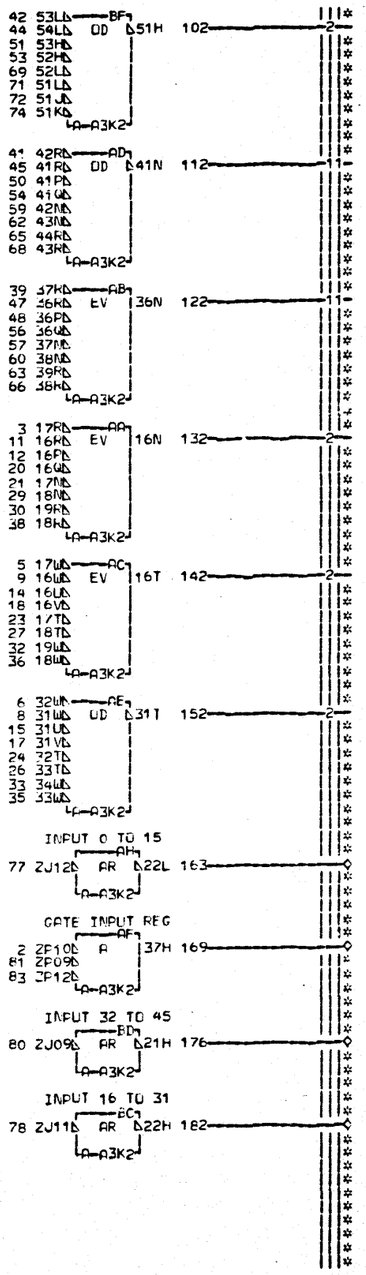
167 - INPUT PDF 4 TA451-BB6
182 - INPUT SDF 4 TA451-BC6
160 - INPUT PDF 5 TA451-BD6
146 - INPUT SDF 5 TA451-BE6
132 - INPUT PDF 6 TA451-BF6
139 - INPUT SDF 6 TA451-BG6
118 - INPUT PDF 7 TA451-BH6
125 - INPUT SDF 7 TA451-BJ6
175 - INPUT NRZI MODE TA451-BK6
153 - INPUT SPARE TA451-BL6
104 - INPUT PAR 1 TA451-BM6
111 - INPUT PAR 2 TA451-BN6
266 + IW IN 12 TB221-DC2
245 + IW IN 13 TB221-DE2
231 + IW IN 14 TB221-DG2
217 + IW IN 15 TB221-DJ2
203 - PAR BITS EVEN TA451-DM2

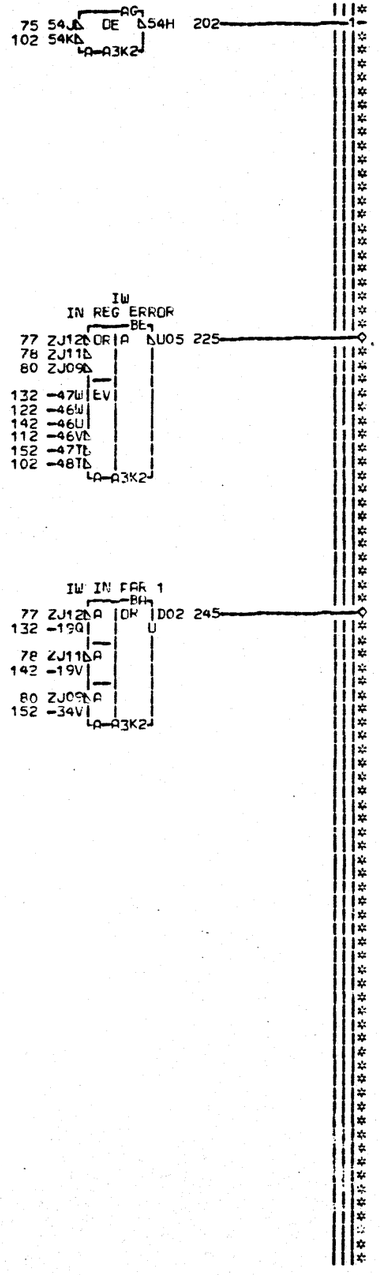
INPUT REG

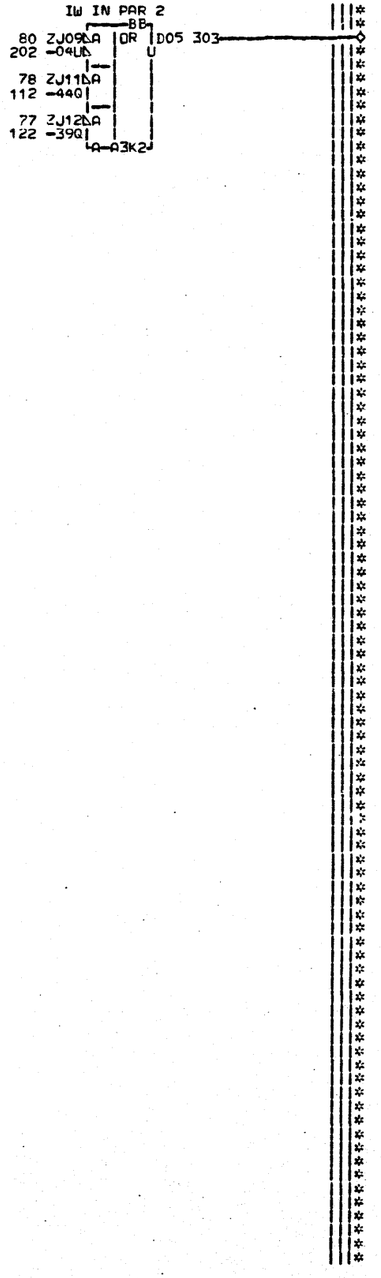
E.C.-HISTORY	P	MACH.27RMB	
309518C 309539		FRAME 01	
		IBM CORP.SDD	TA441
DATE LAST EC 04-24-72 309545		P.No. 1788231	000

TA441
000









000 TA451

169 + GATE INPUT REG — CJ2
LTA411 LTA421 LTA431 LTA441

163 - INPUT 0 TO 15 — DL6
LTA411 LTA421 LTA431 LTA441

245 + IW IN PAR 1 — TB161-EB2

303 + IW IN PAR 2 — TB161-ED2

182 - INPUT 16 TO 31 — EL6
LTA411 LTA421 LTA431 LTA441

176 - INPUT 32 TO 45 — FL6
LTA411 LTA421 LTA431 LTA441

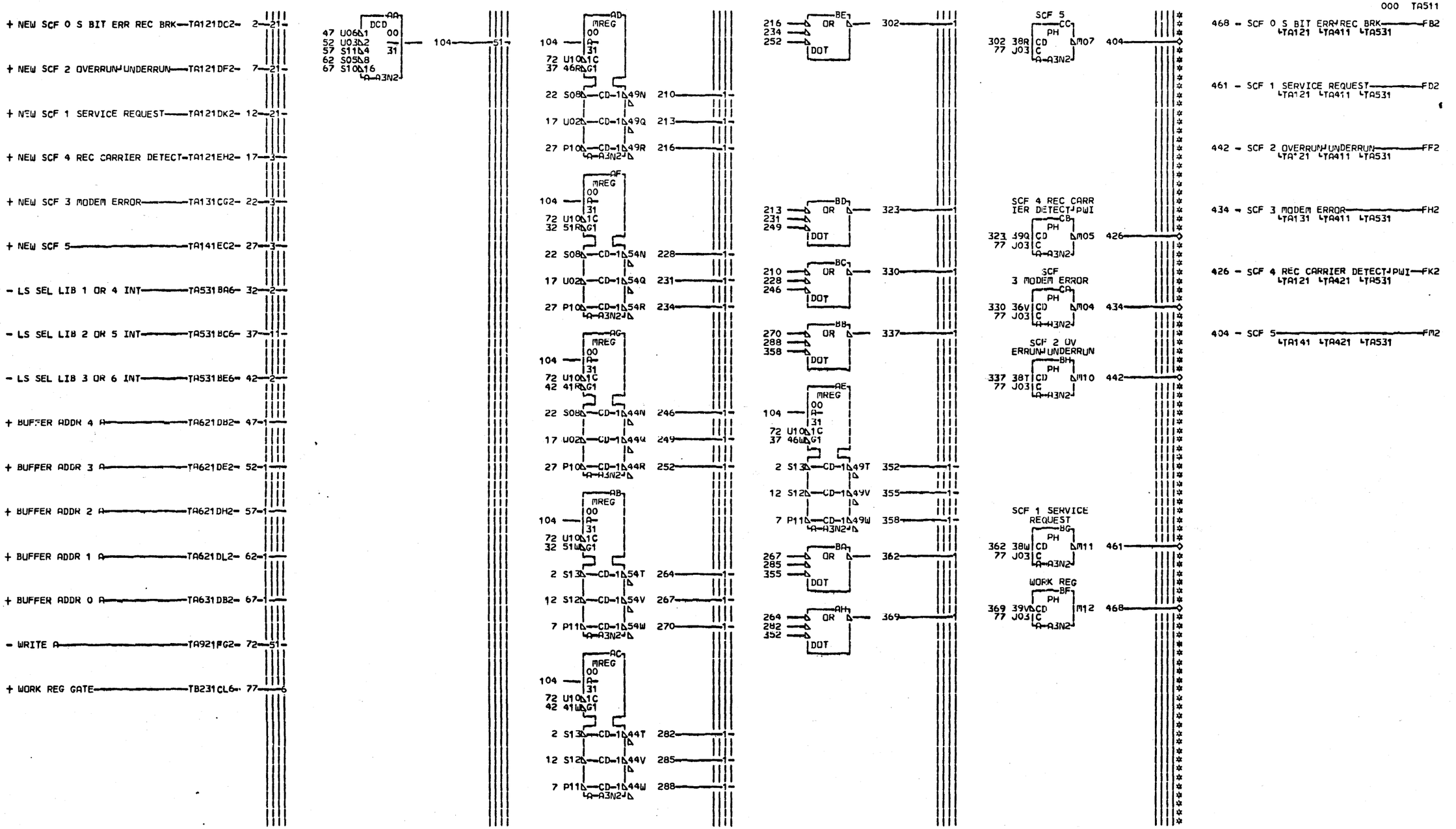
225 - IW IN REG ERROR — TB131-GJ6

LOC. TYPE
A-A3K2 7614

PARITY GEN AND CHECK

E.C.-HISTORY-R	MACH.27 RMB	
309518C 309539	FRAME 01	
DATE LAST EC 04-24-72 309545	IBM CORP. SPD P.N. 1788232	TA451 000

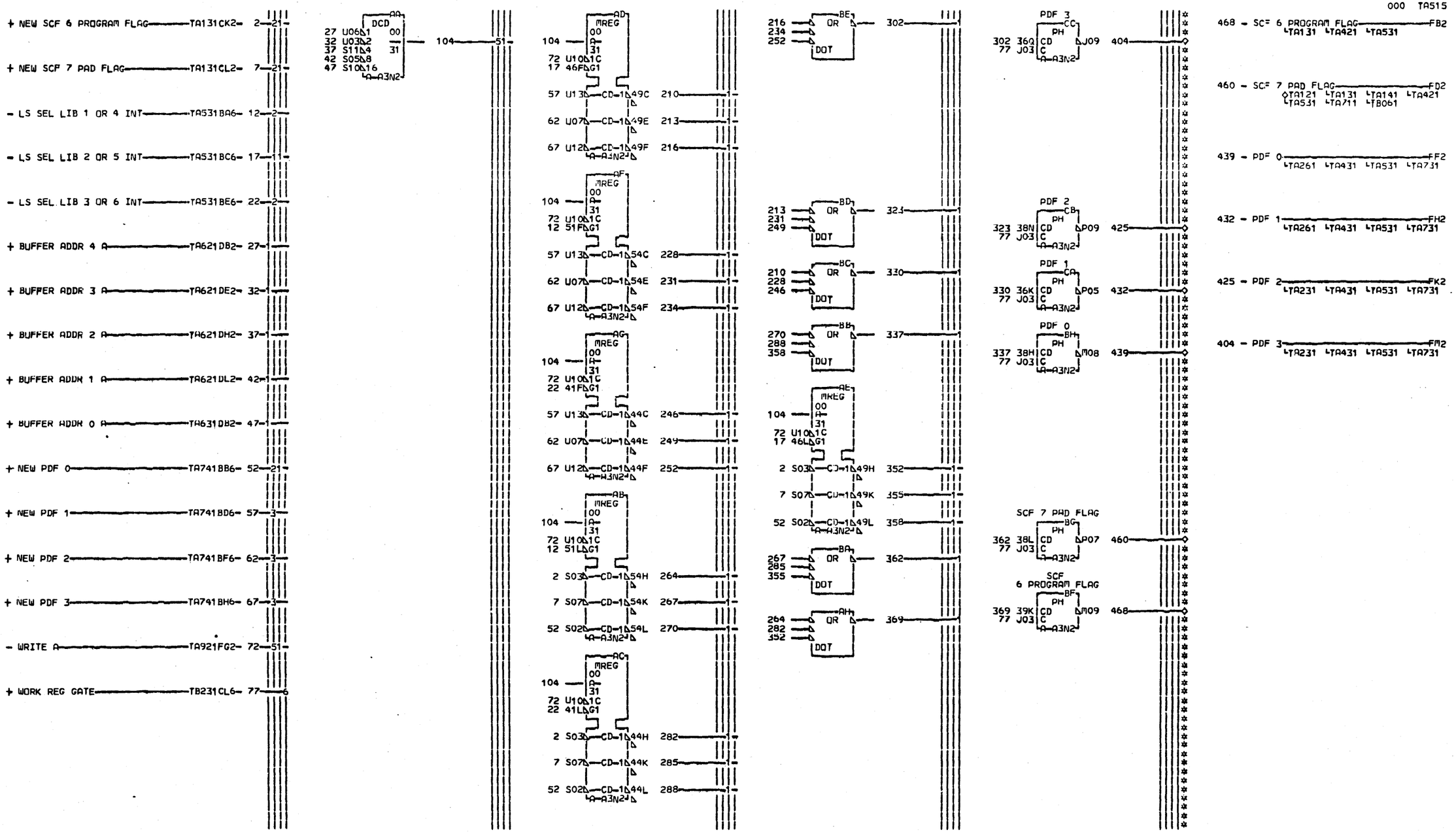
TA451
000



TA511
000

ICW 0 THRU 5

E.C. HISTORY	B	MACH.27RNB
309518C		
309545		FRAME 01
		IBM CORP.SDD TA511
DATE LAST EC		P.N. 1788233 000
01-11-73 309936		



ICW 6 THRU 11

E.C. HISTORY — BY MARCH 27 RNB
309518C
309545

FRAME 01

IBM CORP. SDD | TA515

DATE LAST EC
01-11-73 309936

P.N. 1788234 | 000

+ NEW LCD 0 — TA111EB2 — 2 — 3
+ NEW LCD 1 — TA111ED2 — 7 — 3
- LS SEL LIB 1 OR 4 INT — TA531BA6 — 12 — 2
- LS SEL LIB 2 OR 5 INT — TA531BC6 — 17 — 11
- LS SEL LIB 3 OR 6 INT — TA531BE6 — 22 — 2
+ BUFFER ADDR 4 B — TA621EB2 — 27 — 1
+ BUFFER ADDR 2 B — TA621EH2 — 32 — 1
+ BUFFER ADDR 1 B — TA621EL2 — 37 — 1
+ BUFFER ADDR 3 B — TA621GE2 — 42 — 1
+ BUFFER ADDR 0 B — TA641EH2 — 47 — 1
+ NEW PDF 4 — TA741BK6 — 52 — 21
+ NEW PDF 5 — TA741BM6 — 57 — 21
+ NEW PDF 6 — TA751BB6 — 62 — 21
+ NEW PDF 7 — TA751BD6 — 67 — 3
- WRITE B — TA921GG2 — 72 — 51
+ WORK REG GATE — TB231CL6 — 77 — 6

AA DCD
27 D13Δ1 00
42 B13Δ2
32 B03Δ4 31
37 B07Δ8
47 B02Δ16
A-A3N2
104 — 51

AD MREG 00 A 31
104
72 B12Δ1C
17 06RΔG1
67 D05Δ — CD-1Δ09N — 210
2 B04Δ — CD-1Δ09Q — 213
7 D04Δ — CD-1Δ09R — 216
A-A3N2

AF MREG 00 A 31
104
72 B12Δ1C
12 01RΔG1
67 D05Δ — CD-1Δ04N — 228
2 B04Δ — CD-1Δ04Q — 231
7 D04Δ — CD-1Δ04R — 234
A-A3N2

AG MREG 00 A 31
104
72 B12Δ1C
22 11RΔG1
67 D05Δ — CD-1Δ14N — 246
2 B04Δ — CD-1Δ14Q — 249
7 D04Δ — CD-1Δ14R — 252
A-A3N2

AB MREG 00 A 31
104
72 B12Δ1C
12 01WΔG1
52 B10Δ — CD-1Δ04T — 264
57 J05Δ — CD-1Δ04V — 267
62 G05Δ — CD-1Δ04W — 270
A-A3N2

AC MREG 00 A 31
104
72 B12Δ1C
22 11WΔG1
52 B10Δ — CD-1Δ14T — 282
57 J05Δ — CD-1Δ14V — 285
62 G05Δ — CD-1Δ14W — 288
A-A3N2

LOC• TYPE
A-A3N2 7615

BE OR
216
234
252
DOT — 302

BD OR
213
231
249
DOT — 323

BC OR
210
228
246
DOT — 330

BB OR
270
288
358
DOT — 337

AE MREG 00 A 31
104
72 B12Δ1C
17 06WΔG1
52 B10Δ — CD-1Δ09T — 352
57 J05Δ — CD-1Δ09V — 355
62 G05Δ — CD-1Δ09W — 358
A-A3N2

BA OR
267
285
355
DOT — 362

AH OR
264
282
352
DOT — 369

LCD 1 CC PH
302 18R
77 J03
CD ΔG12 — 404
A-A3N2

LCD 0 CB PH
323 19Q
77 J03
CD ΔJ10 — 425
A-A3N2

PDF 7 CA PH
330 16V
77 J03
CD ΔG09 — 432
A-A3N2

PDF 6 BH PH
337 18T
77 J03
CD ΔG07 — 439
A-A3N2

PDF 5 BG PH
362 18W
77 J03
CD ΔG08 — 460
A-A3N2

PDF 4 BF PH
369 19V
77 J03
CD ΔJ06 — 467
A-A3N2

467 — PDF 4 — FB2
◇TA231 ↳TA441 ↳TA531 ↳TA731 ↳TA761

460 — PDF 5 — FD2
◇TA231 ↳TA441 ↳TA531 ↳TA731 ↳TA761

439 — PDF 6 — FF2
◇TA231 ↳TA441 ↳TA531 ↳TA731 ↳TA761

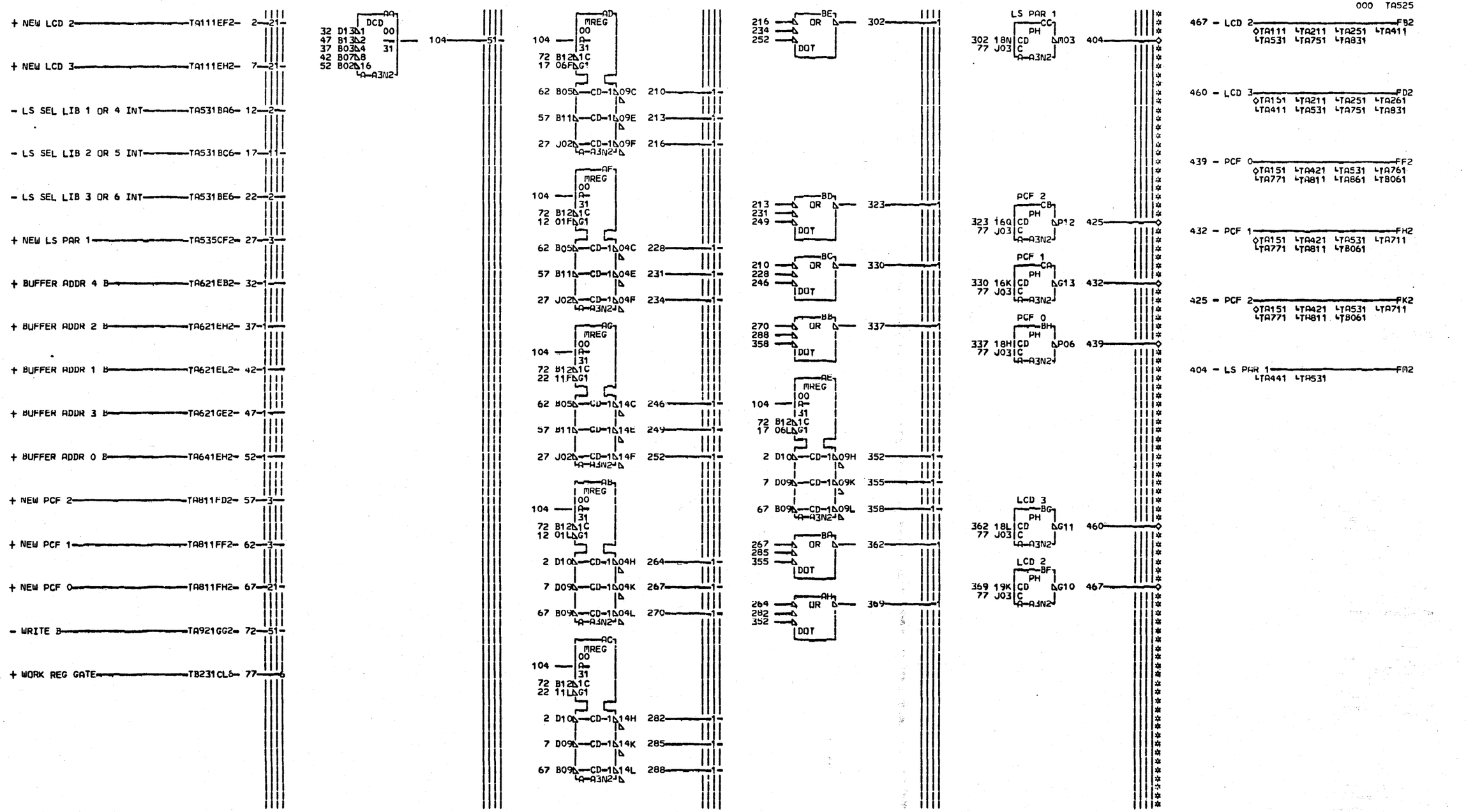
432 — PDF 7 — FH2
◇TA231 ↳TA311 ↳TA441 ↳TA531 ↳TA731

425 — LCD 0 — FK2
◇TA151 ↳TA211 ↳TA251 ↳TA411 ↳TA531 ↳TA751 ↳TA831 ↳TA861

404 — LCD 1 — FM2
◇TA151 ↳TA211 ↳TA251 ↳TA261 ↳TA411 ↳TA531 ↳TA751 ↳TA831 ↳TA861

ICW 12 THRU 17

E•C•-HISTORY	B	MACH•27RNB
309518C		
309539		FRAME 01
309545		IBM CORP•SDD TA521
DATE LAST EC		P•N• 1788235 000
01-11-73 309936		



ICW 18.THRU 22 PLUS P

E.C.HISTORY	B	MACH.27RNB	
309518C			
309539		FRAME 01	
309545			
DATE LAST EC		IBM CORP.SDD	TA525
01-11-73 309936		P.N. 1788236	000

- SCF 0 S BIT ERR/REC BRK——TA511FB2- 2
- SCF 1 SERVICE REQUEST——TA511FD2- 5
- SCF 2 OVERRUN/UNDERRUN——TA511FF2- 8
- SCF 3 MODEM ERROR——TA511FH2- 11
- SCF 4 REC CARRIER DETECT/PWI-TA511FK2- 14
- SCF 5——TA511FM2- 17
- SCF 6 PROGRAM FLAG——TA515FB2- 20
- SCF 7 PAD FLAG——TA515FD2- 23
- PDF 0——TA515FF2- 26
- PDF 1——TA515FH2- 29
- PDF 2——TA515FK2- 32
- PDF 3——TA515FM2- 35
- PDF 4——TA521FB2- 38
- PDF 5——TA521FD2- 41
- PDF 6——TA521FF2- 44
- PDF 7——TA521FH2- 47
- LCD 0——TA521FK2- 50
- LCD 1——TA521FM2- 53
- LCD 2——TA525FB2- 56
- LCD 3——TA525FD2- 59
- PCF 0——TA525FF2- 62
- PCF 1——TA525FH2- 65
- PCF 2——TA525FK2- 68
- LS PAR 1——TA525FM2- 71
- LS SEL LIB 1 OR 4——TA631ED2- 74
- LS SEL LIB 2 OR 5——TA631EH2- 77
- LS SEL LIB 3 OR 6——TA631EK2- 80

LS SEL
LIB 3 OR 6 INT
80 ZD12 AC AR 26H 104
A-A3N2

LS SEL
LIB 2 OR 5 INT
77 ZD07 AB AR 27H 111
A-A3N2

LS SEL
LIB 1 OR 4 INT
74 ZD02 AA AR 27L 118
A-A3N2

LS PAR 1 ERROR
2 ZM12 AD
5 ZM11 EV P02 124
8 ZM10
11 ZM04
14 ZM05
17 ZM07
20 ZM09
23 ZP07
26 ZM08
29 ZP05
32 ZP09
35 ZJ09
38 ZJ06
41 ZG08
44 ZG07
47 ZG09
50 ZJ10
53 ZG12
56 ZG10
59 ZG11
62 ZP06
65 ZG13
68 ZP12
71 ZM03
A-A3N2

000 TA531

118 - LS SEL LIB 1 OR 4 INT——BA6
└TA511 └TA515 └TA521 └TA525

111 - LS SEL LIB 2 OR 5 INT——BC6
└TA511 └TA515 └TA521 └TA525

104 - LS SEL LIB 3 OR 6 INT——BE6
└TA511 └TA515 └TA521 └TA525

124 + LS PAR 1 ERROR——TB131-CL2

LOC. TYPE
A-A3N2 7615

TA531
000

ICW 0 THRU 22 PARITY CHECK
E.C. HISTORY——BY MACH.27RNB
309518C
309545

FRAME 01

IBM CORP. SDD | TA531
P.N. 1788237 | 000

DATE LAST EC
01-11-73 309936

+ NEW LCD 0 ——— TA111EB2 — 2
+ NEW LCD 1 ——— TA111ED2 — 5
+ NEW LCD 2 ——— TA111EF2 — 8
+ NEW LCD 3 ——— TA111EH2 — 11
+ NEW SCF 0 S BIT ERR REC BRK — TA121DC2 — 14
+ NEW SCF 2 OVERRUN UNDERRUN — TA121DF2 — 17
+ NEW SCF 1 SERVICE REQUEST — TA121DK2 — 20
+ NEW SCF 4 REC CARRIER DETECT — TA121EH2 — 23
+ NEW SCF 3 MODEM ERROR ——— TA131CG2 — 26
+ NEW SCF 6 PROGRAM FLAG ——— TA131CK2 — 29
+ NEW SCF 7 PAD FLAG ——— TA131CL2 — 32
+ NEW SCF 5 ——— TA141EC2 — 35
- LS SEL LIB 1 OR 4 ——— TA631ED2 — 38
- LS SEL LIB 2 OR 5 ——— TA631EH2 — 41
- LS SEL LIB 3 OR 6 ——— TA631EK2 — 44
+ NEW PDF 0 ——— TA741BB6 — 47
+ NEW PDF 1 ——— TA741BD6 — 50
+ NEW PDF 2 ——— TA741BF6 — 53
+ NEW PDF 3 ——— TA741BH6 — 56
+ NEW PDF 4 ——— TA741BK6 — 59
+ NEW PDF 5 ——— TA741BM6 — 62
+ NEW PDF 6 ——— TA751BB6 — 65
+ NEW PDF 7 ——— TA751BD6 — 68
+ NEW PCF 2 ——— TA811FD2 — 71
+ NEW PCF 1 ——— TA811FF2 — 74
+ NEW PCF 0 ——— TA811FH2 — 77

NEW LS PAR 1

2 ZB04 — AA
5 ZD04 — EV — J11 103
8 ZD10
11 ZD09
14 ZS13
17 ZP11
20 ZS12
23 ZU02
26 ZS08
29 ZS03
32 ZS07
35 ZP10
47 ZS02
50 ZU13
53 ZU07
56 ZU12
59 ZB10
62 ZJ05
65 ZG05
68 ZD05
71 ZB11
74 ZB05
77 ZB09
A-A3N2

44 D11 — BK — SERV* — A-A3N2

41 D06 — BJ — SERV* — A-A3N2

38 D03 — BH — SERV* — A-A3N2

000 TA535

103 + NEW LS PAR 1 ——— TA525-CF2

LOC. TYPE
A-A3N2 7615

ICW 0 THRU 22 PARITY GENERATION

E.C. HISTORY	BY	MACH.27RNB
309518C		FRAME 01
309545		IBM CORP.SDD TA535
DATE LAST EC		P.N. 1788238 000
01-11-73 309936		

TA535
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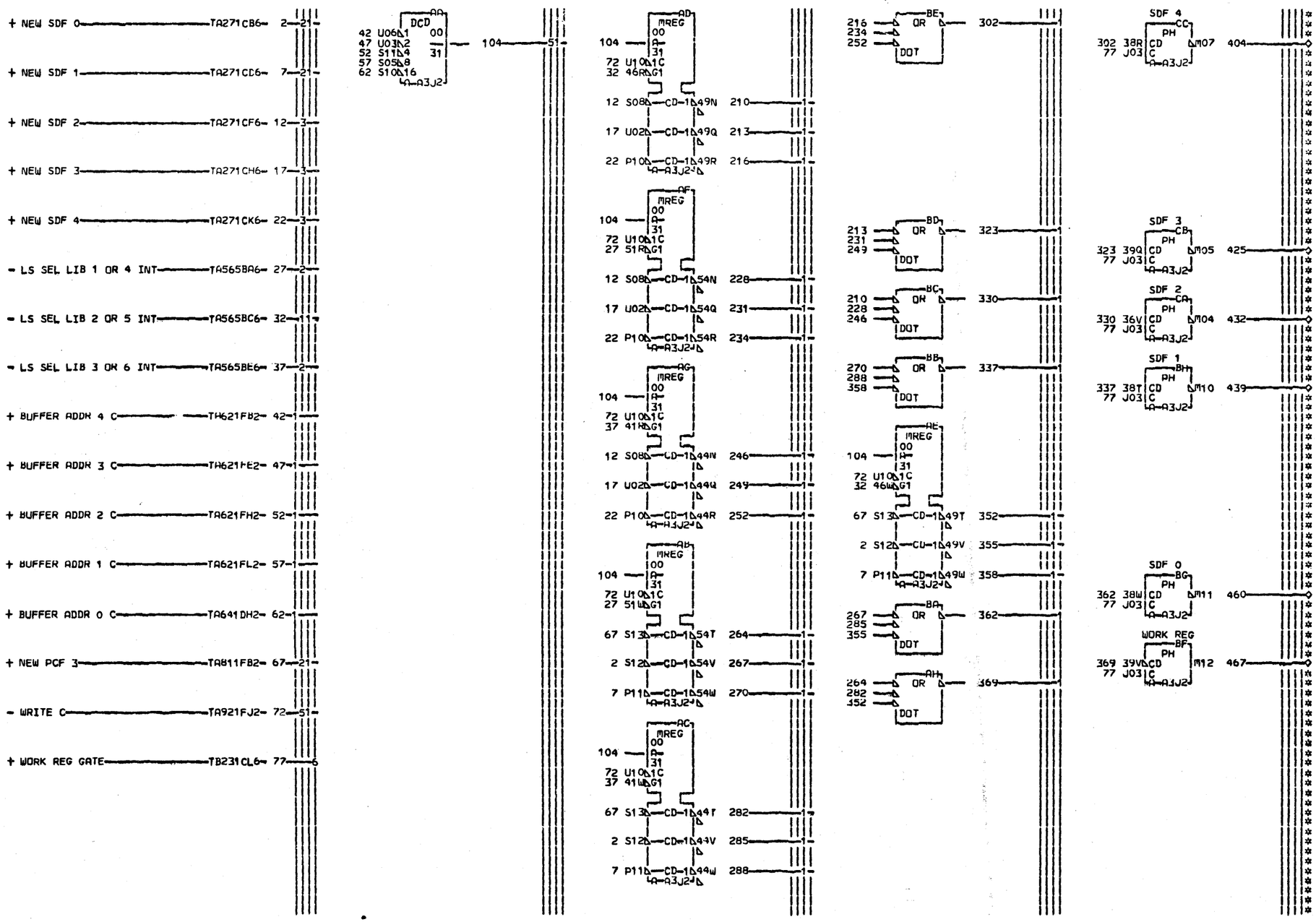


ICW 23 THRU 28

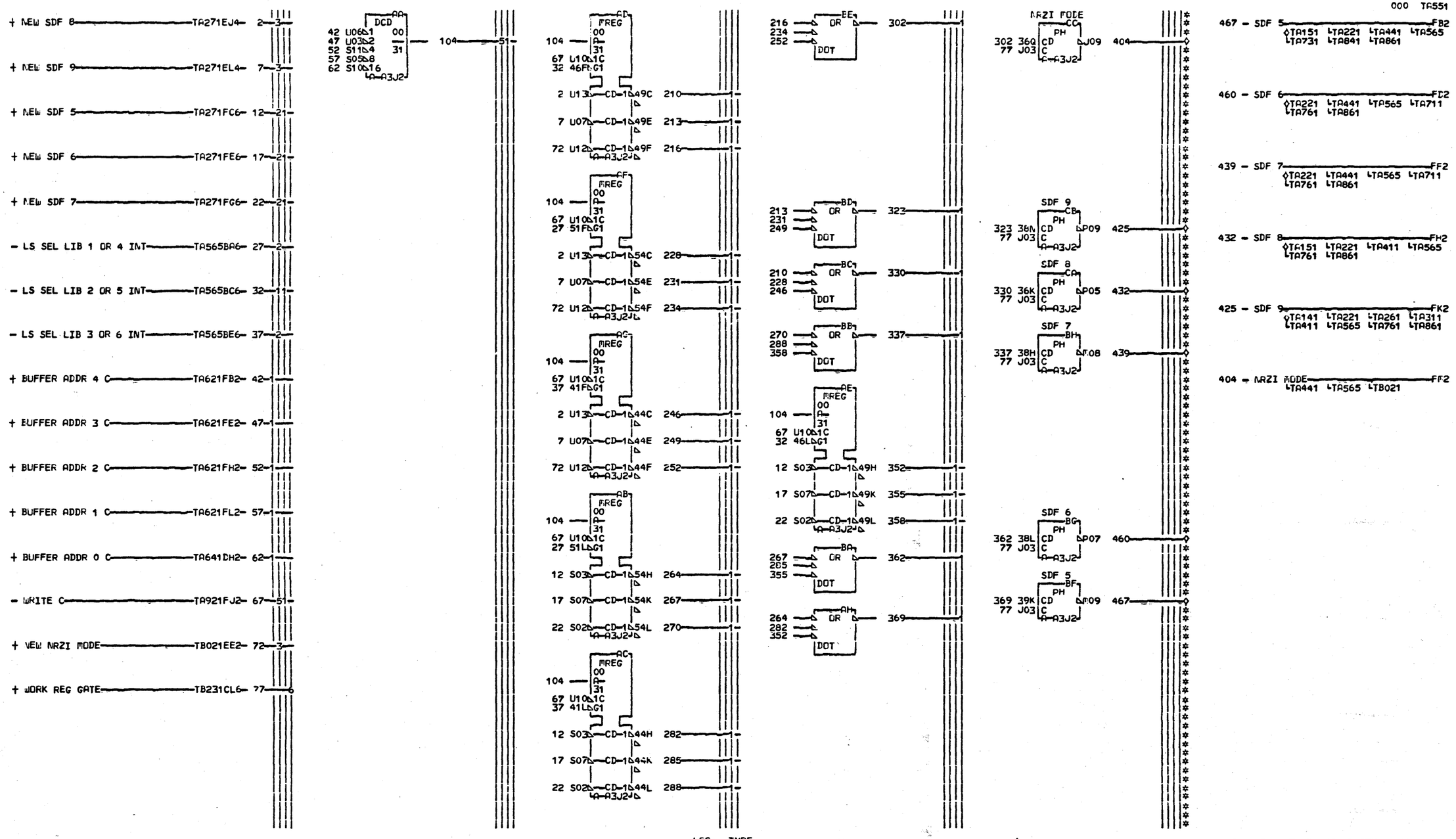
E.C. HISTORY — B MACH.27RNB
309513C
309545

FRAME 31

DATE LAST EC
01-11-73 309938

IBM CORP. SJD
P.N. 1788239

TA545
000


+ NEW SDF 8 TA271EJ4 2 3
+ NEW SDF 9 TA271EL4 7 3
+ NEW SDF 5 TA271FC6 12 21
+ NEW SDF 6 TA271FE6 17 21
+ NEW SDF 7 TA271FG6 22 21
- LS SEL LIB 1 OR 4 INT TA565BA6 27 2
- LS SEL LIB 2 OR 5 INT TA565BC6 32 11
- LS SEL LIB 3 OR 6 INT TA565BE6 37 2
+ BUFFER ADDR 4 C TA621FB2 42 1
+ BUFFER ADDR 3 C TA621FE2 47 1
+ BUFFER ADDR 2 C TA621FH2 52 1
+ BUFFER ADDR 1 C TA621FL2 57 1
+ BUFFER ADDR 0 C TA641DH2 62 1
- WRITE C TA921FJ2 67 51
+ NEW NRZI MODE TB021EE2 72 3
+ WORK REG GATE TB231CL6 77 6
AA DCD
42 U06 1 00
47 U03 2
52 S11 4 31
57 S05 8
62 S10 16
A3J2
104 51
AD MREG
104 00 P 31
67 U10 1C
32 46F G1
2 U13 CD-1 49C 210 1
7 U07 CD-1 49E 213 1
72 U12 CD-1 49F 216 1
A3J2
CF MREG
104 00 P 31
67 U10 1C
27 51F G1
2 U13 CD-1 54C 228 1
7 U07 CD-1 54E 231 1
72 U12 CD-1 54F 234 1
A3J2
AG MREG
104 00 P 31
67 U10 1C
37 41F G1
2 U13 CD-1 44C 246 1
7 U07 CD-1 44E 249 1
72 U12 CD-1 44F 252 1
A3J2
AB MREG
104 00 P 31
67 U10 1C
27 51L G1
12 S03 CD-1 54H 264 1
17 S07 CD-1 54K 267 1
22 S02 CD-1 54L 270 1
A3J2
AC MREG
104 00 P 31
67 U10 1C
37 41L G1
12 S03 CD-1 44H 282 1
17 S07 CD-1 44K 285 1
22 S02 CD-1 44L 288 1
A3J2
EE OR
216
234
252
DOT
302 1
BD OR
213
231
249
DOT
323 1
BC OR
210
228
246
DOT
330 1
BB OR
270
288
358
DOT
337 1
AE MREG
104 00 P 31
67 U10 1C
32 46L G1
12 S03 CD-1 49H 352 1
17 S07 CD-1 49K 355 1
22 S02 CD-1 49L 358 1
A3J2
BA OR
267
285
355
DOT
362 1
AH OR
264
282
352
DOT
369 1
NRZI MODE
CC PH
302 36Q CD P09
77 J03 C
A3J2
404
SDF 9
CB PH
323 38N CD P09
77 J03 C
A3J2
425
SDF 8
CA PH
330 36K CD P05
77 J03 C
A3J2
432
SDF 7
BH PH
337 38H CD P08
77 J03 C
A3J2
439
SDF 6
BG PH
362 38L CD P07
77 J03 C
A3J2
460
SDF 5
BF PH
369 39K CD P09
77 J03 C
A3J2
467
000 TA551
467 - SDF 5 FB2
TA151 TA221 TA441 TA565
TA731 TA841 TA861
460 - SDF 6 FD2
TA221 TA441 TA565 TA711
TA761 TA861
439 - SDF 7 FF2
TA221 TA441 TA565 TA711
TA761 TA861
432 - SDF 8 FH2
TA151 TA221 TA411 TA565
TA761 TA861
425 - SDF 9 FK2
TA141 TA221 TA261 TA311
TA411 TA565 TA761 TA861
404 - NRZI MODE FF2
TA441 TA565 TB021
LOC. TYPE
P-A3J2 7615
ICW 29 THRU 33
PLUS 44
E.C. HISTORY
309518C
309545
309936
DATE LAST EC
01-03-75 311283
MACH.27R4B
FRAME 01
IBM CORP. SDD
P.N. 1788240
TA551
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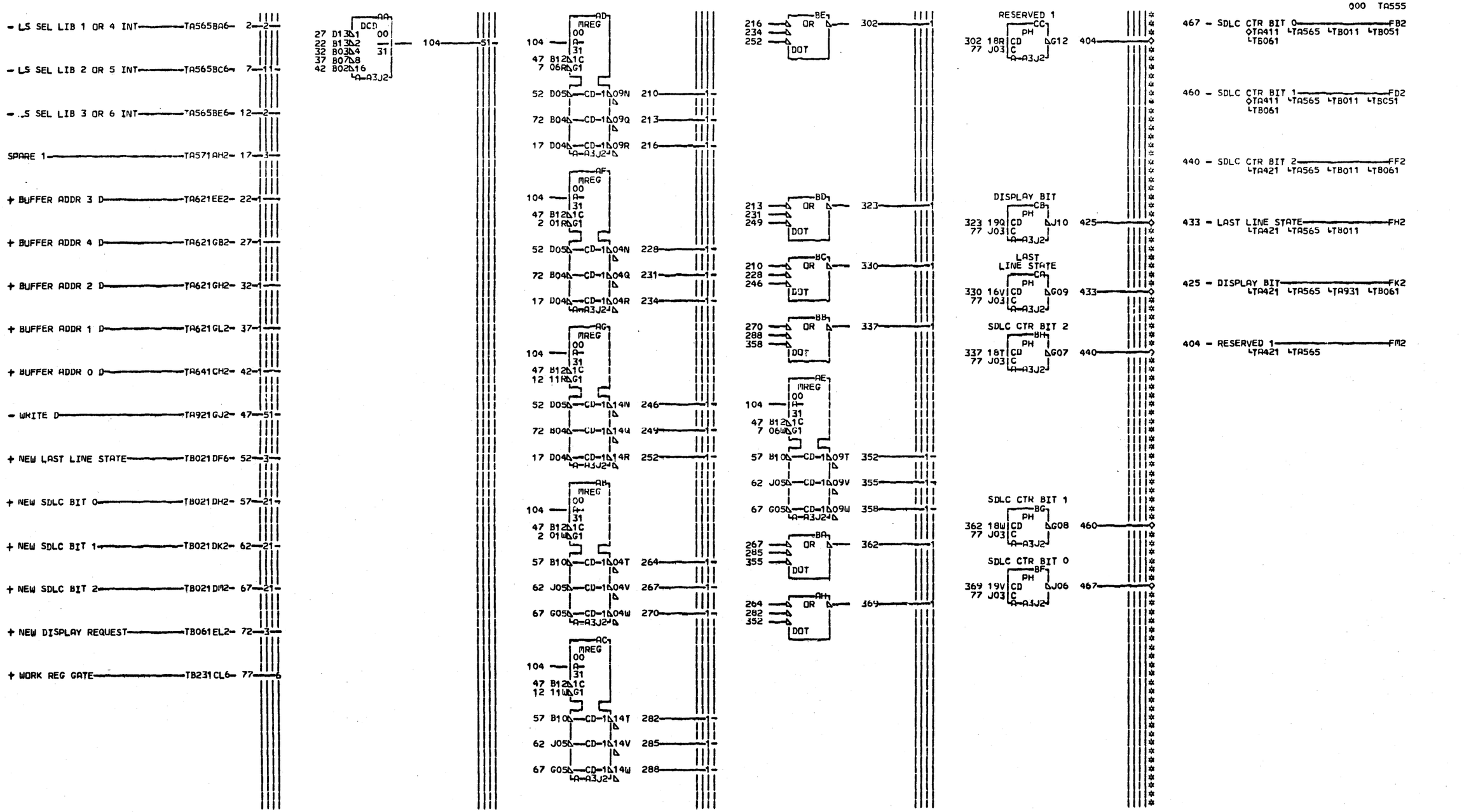

000 TA555

ICW 34 THRU 39

E.C.-HISTORY-B MACH.27RNB
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309539
309545
FRAME 01
IBM CORP.SDD TA555
DATE LAST EC P.N. 1788241 000
01-11-73 309936

TA555
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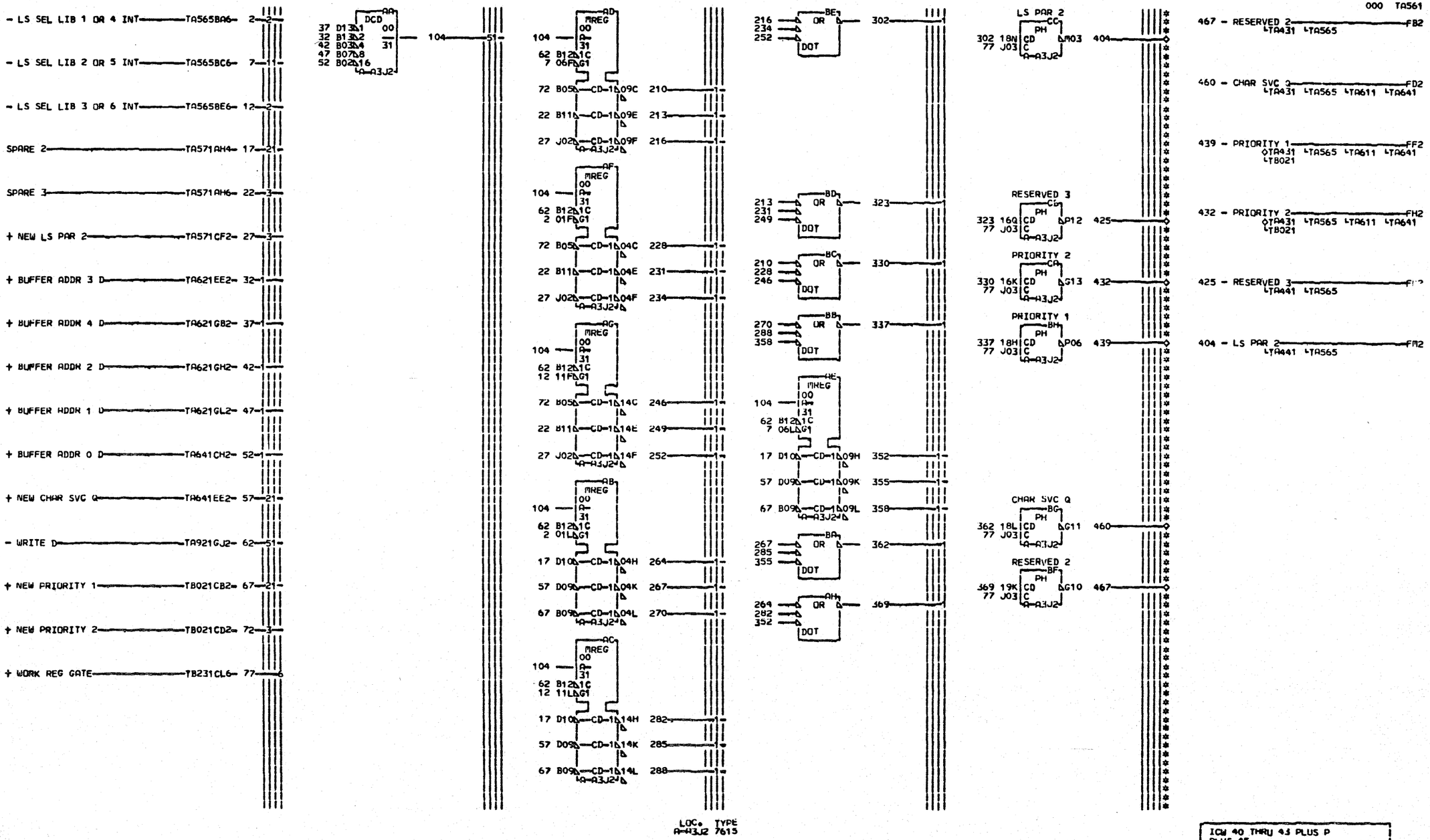

TA561
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ICW 40 THRU 43 PLUS P
PLUS 45
E.C. HISTORY — B MACH.27RNB
309518C
309539
309545
DATE LAST EC
01-11-73 309936
FRAME 01
IBM CORP. SDD
P.N. 1788242
TA561
000

- PCF 3 — TA545FB2 — 2
- SDF 0 — TA545FD2 — 5
- SDF 1 — TA545FF2 — 8
- SDF 2 — TA545FH2 — 11
- SDF 3 — TA545FK2 — 14
- SDF 4 — TA545FM2 — 17
- SDF 5 — TA551FB2 — 20
- SDF 6 — TA551FD2 — 23
- SDF 7 — TA551FF2 — 26
- SDF 8 — TA551FH2 — 29
- SDF 9 — TA551FK2 — 32
- NRZI MODE — TA551FM2 — 35
- SDLC CTR BIT 0 — TA555FB2 — 38
- SDLC CTR BIT 1 — TA555FD2 — 41
- SDLC CTR BIT 2 — TA555FF2 — 44
- LAST LINE STATE — TA555FH2 — 47
- DISPLAY BIT — TA555FK2 — 50
- RESERVED 1 — TA555FM2 — 53
- RESERVED 2 — TA561FB2 — 56
- CHAR SVC Q — TA561FD2 — 59
- PRIORITY 1 — TA561FF2 — 62
- PRIORITY 2 — TA561FH2 — 65
- RESERVED 3 — TA561FK2 — 68
- LS PAR 2 — TA561FM2 — 71
- LS SEL LIB 1 OR 4 — TA631ED2 — 74
- LS SEL LIB 2 OR 5 — TA631EH2 — 77
- LS SEL LIB 3 OR 6 — TA631EK2 — 80

LS SEL LIB 3 OR 6 INT
80 ZD12 AR (AC) 26H 104 — A-A3J2

LS SEL LIB 2 OR 5 INT
77 ZD07 AR (AB) 27H 111 — A-A3J2

LS SEL LIB 1 OR 4 INT
74 ZD02 AR (AA) 27L 118 — A-A3J2

LS PAR 2 ERROR
2 ZM12 (AD)
5 ZM11 EV PO2 124
8 ZM10
11 ZM04
14 ZM05
17 ZM07
20 ZM09
23 ZP07
26 ZM08
29 ZP05
32 ZP09
35 ZJ09
38 ZJ06
41 ZG08
44 ZG07
47 ZG09
50 ZJ10
53 ZG12
56 ZG10
59 ZG11
62 ZP06
65 ZG13
68 ZP12
71 ZM03
— A-A3J2

118 - LS SEL LIB 1 OR 4 INT — BA6
└TA545 └TA551 └TA555 └TA561

111 - LS SEL LIB 2 OR 5 INT — BC6
└TA545 └TA551 └TA555 └TA561

104 - LS SEL LIB 3 OR 6 INT — BE6
└TA545 └TA551 └TA555 └TA561

124 + LS PAR 2 ERROR — TB131-CL2

LOC. TYPE
A-A3J2 7615

ICW 23 THRU 45 PARITY CHECK -

E.C. HISTORY	BY	MACH.27KNB
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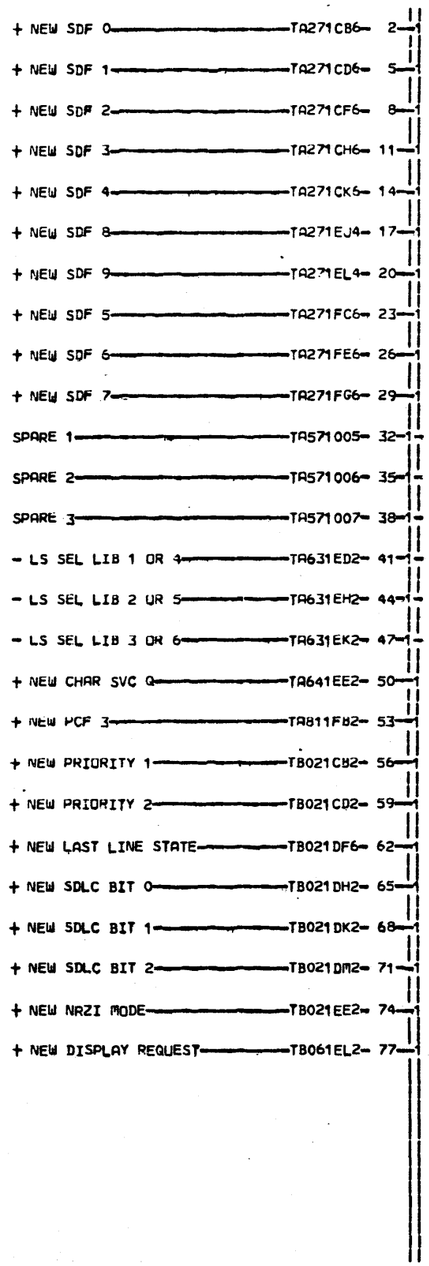
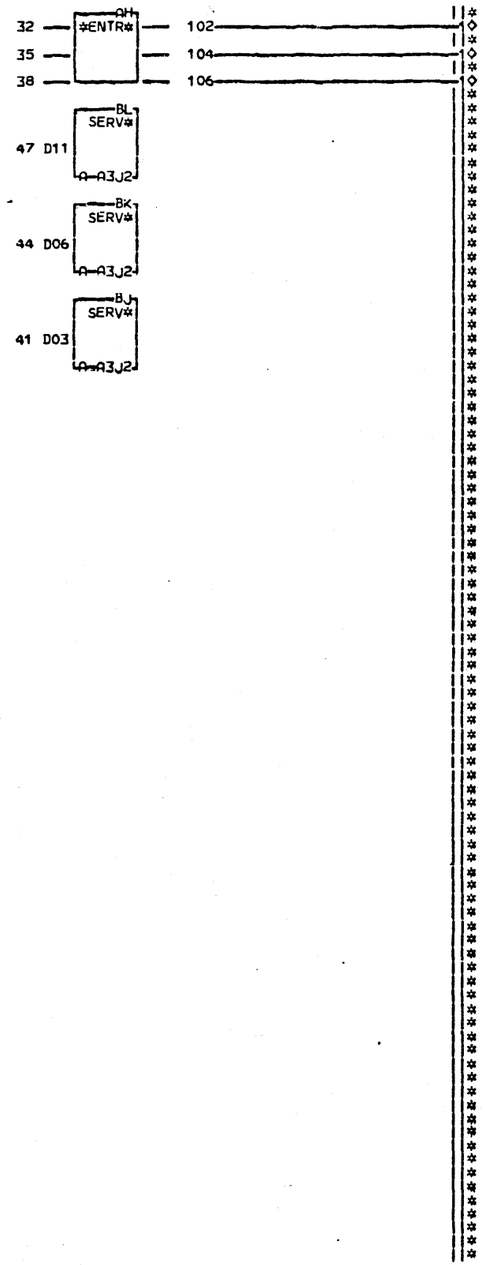
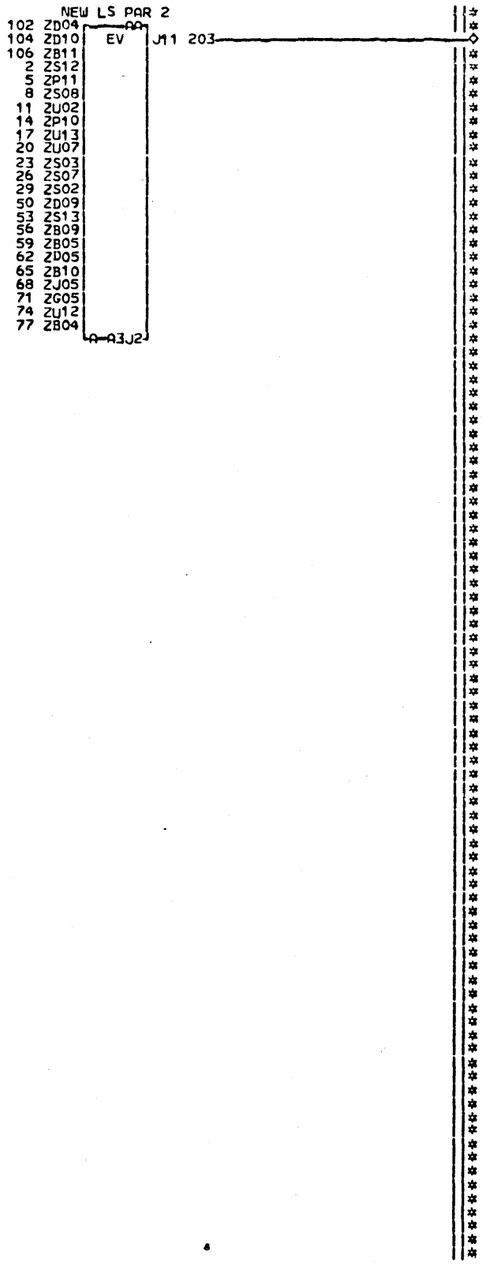
309545		FRAME 01
		IBM CORP.SDD TA565
DATE LAST EC		P.N. 1788243 000
01-11-73 309936		





LOC. TYPE
A-A3J2 7615



ICW 23 THRU 45 PARITY GENERATION
E.C.-HISTORY — BY MACH.27RNB
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309545
FRAME 01
IBM CORP.SDD
DATE LAST EC
01-11-73 309936
P.No. 1788244
TA571
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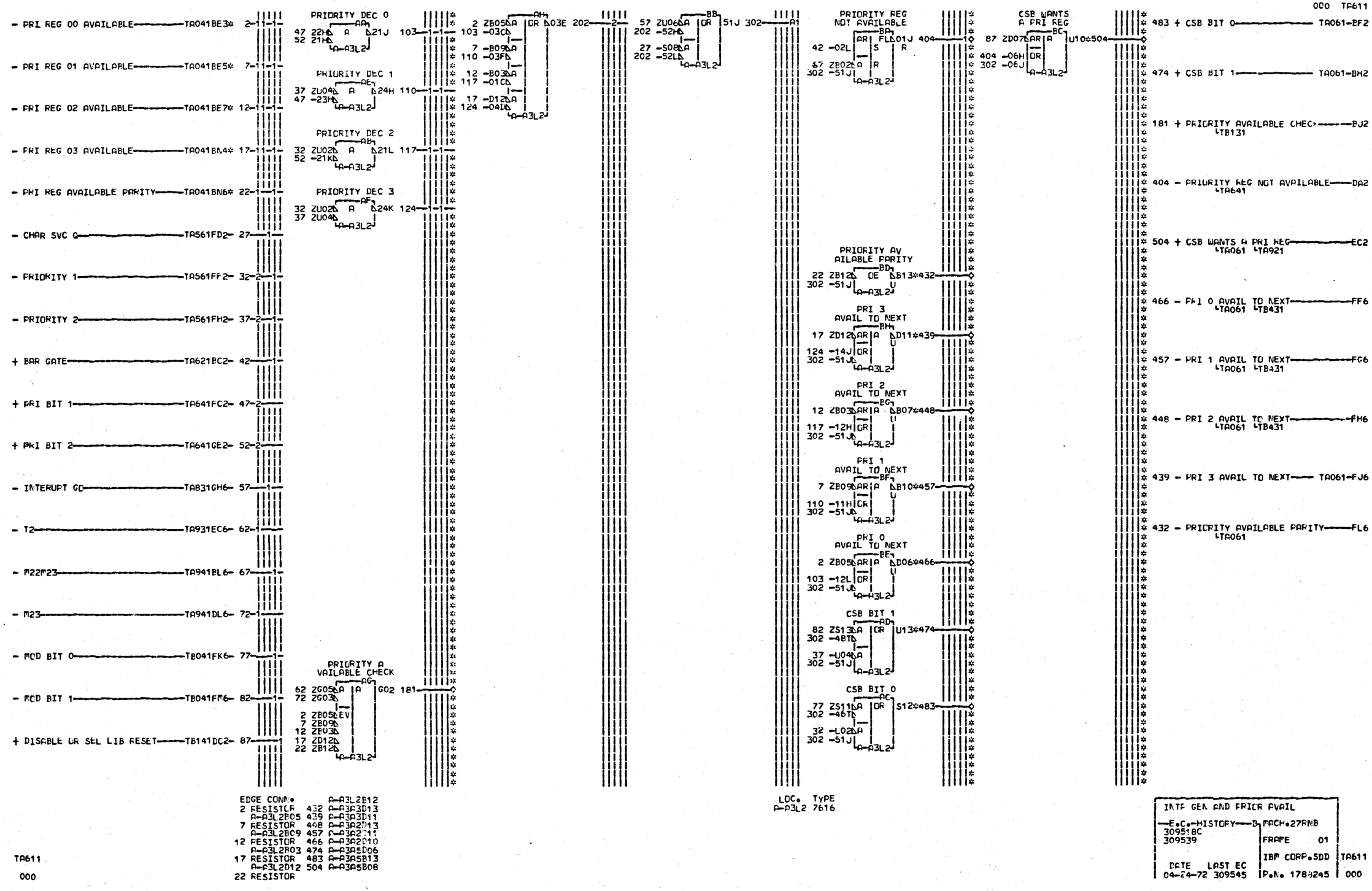
- PRI REG 00 AVAILABLE TA041BE3* 2
- PRI REG 01 AVAILABLE TA041BE5* 7
- PRI REG 02 AVAILABLE TA041BE7* 12
- PRI REG 03 AVAILABLE TA041BN4* 17
- PRI REG AVAILABLE PARITY TA041BN6* 22
- CHAR SVC Q TA561FD2- 27
- PRIORITY 1 TA561FF2- 32
- PRIORITY 2 TA561FH2- 37
+ BAR GATE TA621BC2- 42
+ PRI BIT 1 TA641FC2- 47
+ PRI BIT 2 TA641GE2- 52
- INTERUPT GD TA831GH6- 57
- T2 TA931EC6- 62
- M22M23 TA941BL6- 67
- M23 TA941DL6- 72
- MOD BIT 0 TB041FK6- 77
- MOD BIT 1 TB041FM6- 82
+ DISABLE GR SEL LIB RESET TB141DC2- 87
PRIORITY DEC 0
PRIORITY DEC 1
PRIORITY DEC 2
PRIORITY DEC 3
PRIORITY A VAILABLE CHECK
PRIORITY REG NOT AVAILABLE
PRIORITY AV AILABLE PARITY
PRI 3 AVAIL TO NEXT
PRI 2 AVAIL TO NEXT
PRI 1 AVAIL TO NEXT
PRI 0 AVAIL TO NEXT
CSB BIT 1
CSB BIT 0
CSB WANTS A PRI REG
000 TA611
483 + CSB BIT 0 TA061-BF2
474 + CSB BIT 1 TA061-BH2
181 + PRIORITY AVAILABLE CHECK PJ2
404 - PRIORITY REG NOT AVAILABLE DA2
504 + CSB WANTS A PRI REG EC2
466 - PRI 0 AVAIL TO NEXT FF6
457 - PRI 1 AVAIL TO NEXT FG6
448 - PRI 2 AVAIL TO NEXT FH6
439 - PRI 3 AVAIL TO NEXT TA061-FJ6
432 - PRIORITY AVAILABLE PARITY FL6
EDGE CONN.
2 RESISTOR A-A3L2B05
7 RESISTOR A-A3L2B09
12 RESISTOR A-A3L2B03
17 RESISTOR A-A3L2D12
22 RESISTOR A-A3L2B12
LOC. TYPE
A-A3L2 7616
INTF GEN AND PRIOR AVAIL
E.C.-HISTORY
309518C
309539
DATE LAST EC
04-24-72 309545
MACH.27RNB
FRAME 01
IBM CORP.SDD
P.N. 1783245
TA611
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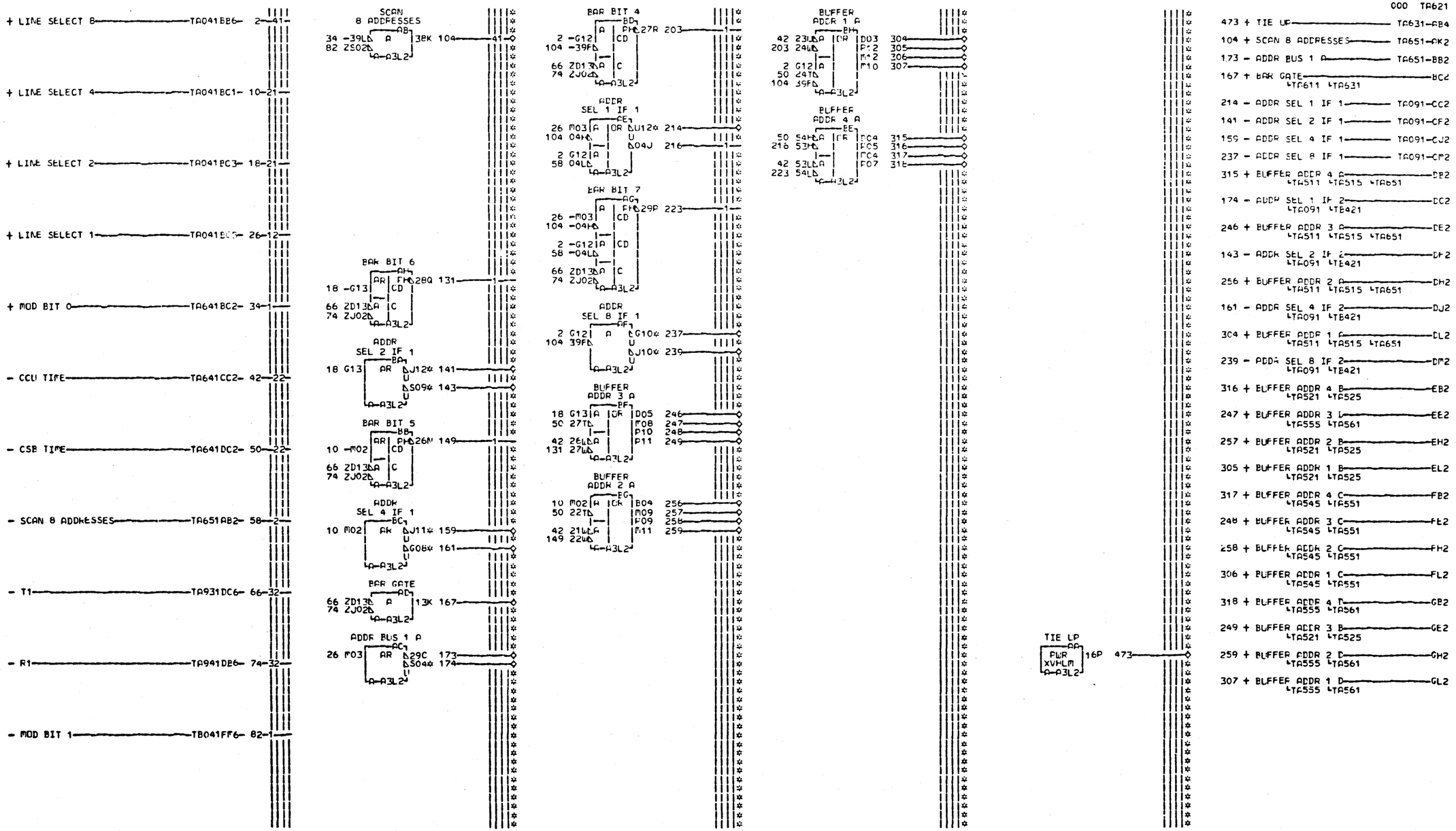
+ LINE SELECT 8 TA041BB6- 2-41
+ LINE SELECT 4 TA041BC1- 10-21
+ LINE SELECT 2 TA041BC3- 18-21
+ LINE SELECT 1 TA041BC5- 26-12
+ MOD BIT 0 TA641BC2- 34-1
- CCU TIME TA641CC2- 42-22
- CSB TIME TA641DC2- 50-22
- SCAN 8 ADDRESSES TA651AB2- 58-2
- T1 TA931DC6- 66-32
- R1 TA941DB6- 74-32
- MOD BIT 1 TB041FF6- 82-1
SCAN 8 ADDRESSES
BAR BIT 6
BAR BIT 5
ADDR SEL 2 IF 1
ADDR SEL 4 IF 1
BAR GATE
ADDR BUS 1 A
BAR BIT 4
ADDR SEL 1 IF 1
BAR BIT 7
ADDR SEL 8 IF 1
BUFFER ADDR 3 A
BUFFER ADDR 2 A
BUFFER ADDR 1 A
BUFFER ADDR 4 A
TIE LP
EDGE CONN.
141 A-A3U1D11
143 A-A3U1D11
159 A-A3U1E11
161 A-A3U1E11
174 A-A3U1C11
214 A-A3U1C11
237 A-A3U1A11
239 A-A3U1A11
LCC. TYPE
A-A3L2 7616
TA621
000
000 TA621
473 + TIE LP TA631-AB4
104 + SCAN 8 ADDRESSES TA651-AK2
173 - ADDR BUS 1 A TA651-BB2
167 + BAR GATE BC2
214 - ADDR SEL 1 IF 1 TA091-CC2
141 - ADDR SEL 2 IF 1 TA091-CF2
159 - ADDR SEL 4 IF 1 TA091-CJ2
237 - ADDR SEL 8 IF 1 TA091-CM2
315 + BUFFER ADDR 4 A DB2
174 - ADDR SEL 1 IF 2 DC2
246 + BUFFER ADDR 3 A DE2
143 - ADDR SEL 2 IF 2 DF2
256 + BUFFER ADDR 2 A DH2
161 - ADDR SEL 4 IF 2 DJ2
304 + BUFFER ADDR 1 A DL2
239 - ADDR SEL 8 IF 2 DM2
316 + BUFFER ADDR 4 B EB2
247 + BUFFER ADDR 3 B EE2
257 + BUFFER ADDR 2 B EH2
305 + BUFFER ADDR 1 B EL2
317 + BUFFER ADDR 4 C FB2
248 + BUFFER ADDR 3 C FE2
258 + BUFFER ADDR 2 C FH2
306 + BUFFER ADDR 1 C FL2
318 + BUFFER ADDR 4 D GB2
249 + BUFFER ADDR 3 B GE2
259 + BUFFER ADDR 2 D GH2
307 + BUFFER ADDR 1 D GL2
BUFFER AND LINE ADDRESS
E.C. HISTORY B
306518C
306539
MACH.27A/B
FRAME 01
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TA621
DATE LAST EC
04-24-72 309545
P.N. 1788246
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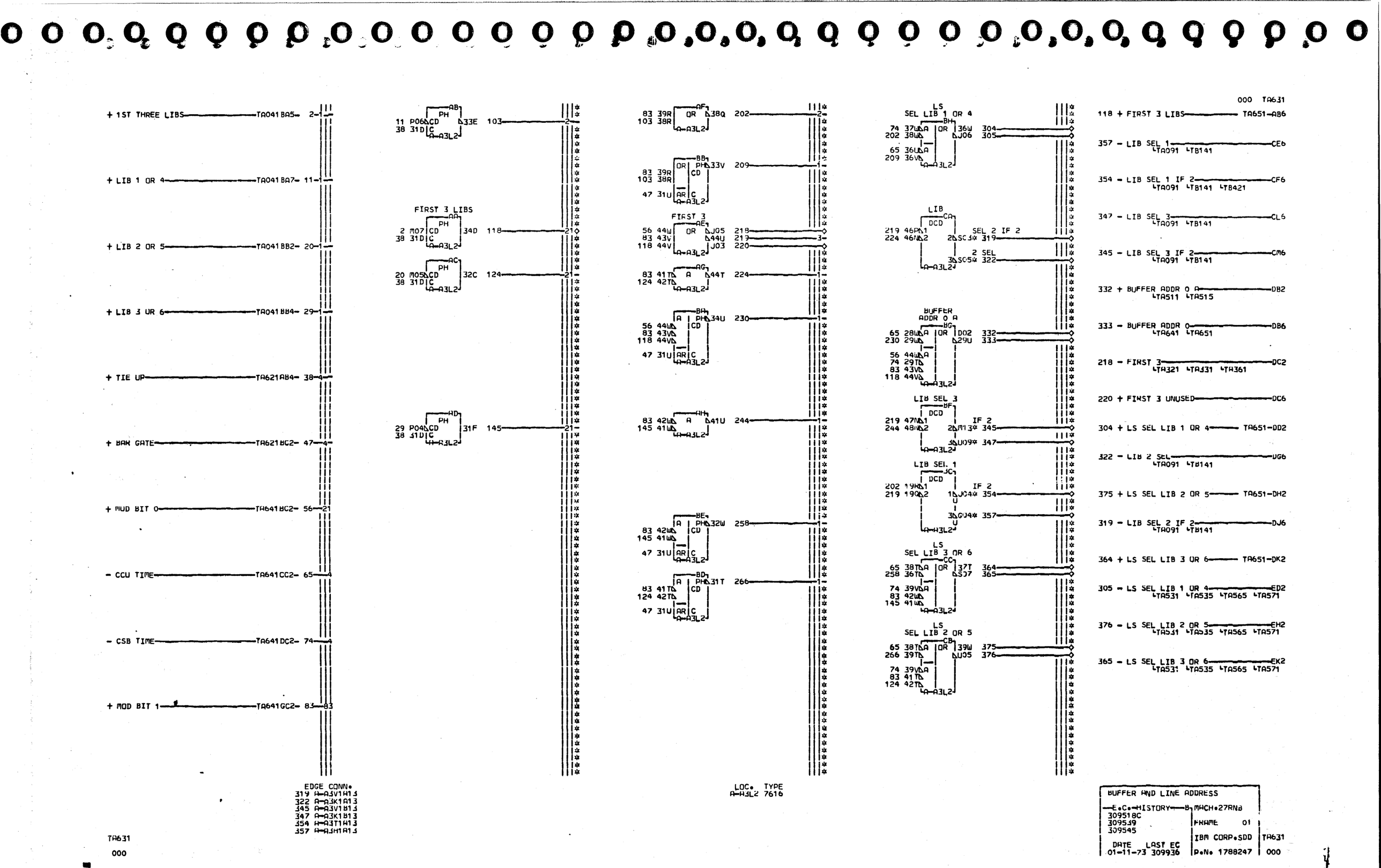
+ 1ST THREE LIBS TA041 BA5- 2
+ LIB 1 OR 4 TA041 BA7- 11
+ LIB 2 OR 5 TA041 BB2- 20
+ LIB 3 OR 6 TA041 BB4- 29
+ TIE UP TA621 AB4- 38
+ BAR GATE TA621 BC2- 47
+ MUD BIT 0 TA641 BC2- 56
- CCU TIME TA641 CC2- 65
- CSB TIME TA641 DC2- 74
+ MOD BIT 1 TA641 GC2- 83
EDGE CONN.
319 A-A3V1A13
322 A-A3K1A13
345 A-A3V1B13
347 A-A3K1B13
354 A-A3T1A13
357 A-A3M1A13
TA631
000
FIRST 3 LIBS
LIB SEL 1 OR 4
LIB SEL 1 IF 2
LIB SEL 3
LIB SEL 2 IF 2
LIB SEL 3 OR 6
LIB SEL 2 OR 5
BUFFER ADDR 0 A
LIB SEL 3
LIB SEL 1
LS SEL LIB 1 OR 4
LS SEL LIB 3 OR 6
LS SEL LIB 2 OR 5
LOC. TYPE
A-A3L2 7616
000 TA631
118 + FIRST 3 LIBS TA651-AB6
357 - LIB SEL 1 CE6
354 - LIB SEL 1 IF 2 CF6
347 - LIB SEL 3 CL6
345 - LIB SEL 3 IF 2 CM6
332 + BUFFER ADDR 0 A DB2
333 - BUFFER ADDR 0 DB6
218 - FIRST 3 DC2
220 + FIRST 3 UNUSED DC6
304 + LS SEL LIB 1 OR 4 TA651-DD2
322 - LIB 2 SEL UG6
375 + LS SEL LIB 2 OR 5 TA651-DH2
319 - LIB SEL 2 IF 2 DJ6
364 + LS SEL LIB 3 OR 6 TA651-DK2
305 - LS SEL LIB 1 OR 4 ED2
376 - LS SEL LIB 2 OR 5 EH2
365 - LS SEL LIB 3 OR 6 EK2
BUFFER AND LINE ADDRESS
E.C. HISTORY
309518C
309539
309545
DATE LAST EC
01-11-73 309936
MACH.27RN8
FRAME 01
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P.N. 1788247
TA631
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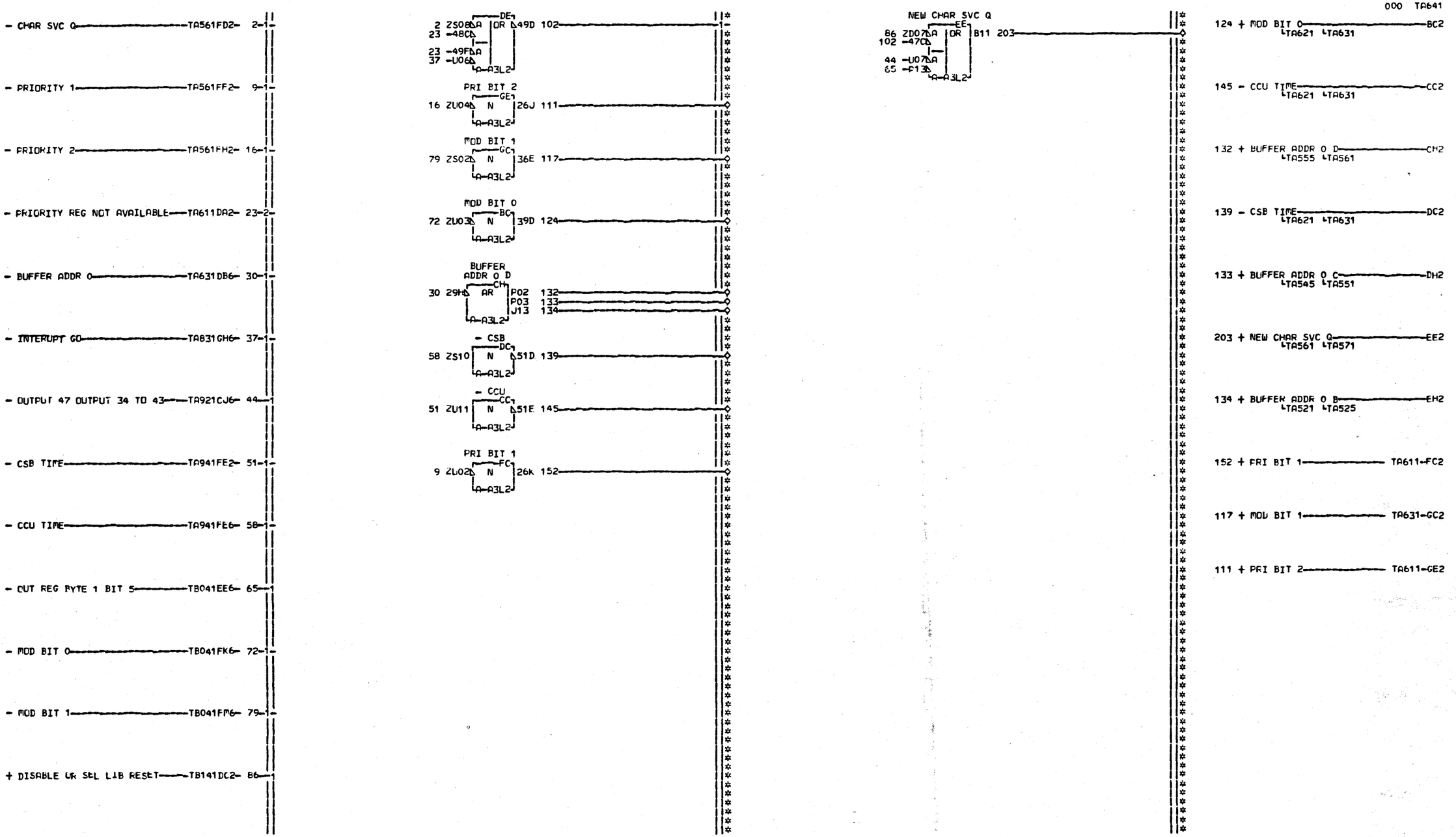
- CHAR SVC Q TA561FD2 2
- PRIORITY 1 TA561FF2 9
- PRIORITY 2 TA561FH2 16
- PRIORITY REG NOT AVAILABLE TA611DA2 23
- BUFFER ADDR 0 TA631DB6 30
- INTERUPT GO TA831GH6 37
- OUTPUT 47 OUTPUT 34 TO 43 TA921CJ6 44
- CSB TIME TA941FE2 51
- CCU TIME TA941FE6 58
- CUT REG BYTE 1 BIT 5 TB041EE6 65
- MOD BIT 0 TB041FK6 72
- MOD BIT 1 TB041FM6 79
+ DISABLE UR SEL LIB RESET TB141DC2 86
2 ZS08 A DE OR A 49D 102
23 -48C A
23 -49F A
37 -U06 A
A-A3L2
PRI BIT 2
16 ZU04 GE N 26J 111
A-A3L2
MOD BIT 1
79 ZS02 GC N 36E 117
A-A3L2
MOD BIT 0
72 ZU03 BC N 39D 124
A-A3L2
BUFFER ADDR 0 D
30 29H CH AR P02 132
P03 133
J13 134
A-A3L2
- CSB
58 ZS10 DC N A51D 139
A-A3L2
- CCU
51 ZU11 CC N A51E 145
A-A3L2
PRI BIT 1
9 ZU02 FC N 26K 152
A-A3L2
LOC. TYPE
A-A3L2 7616
NEW CHAR SVC Q
86 ZD07 A EE OR B11 203
102 -47C A
44 -U07 A
65 -P13 A
A-A3L2
000 TA641
124 + MOD BIT 0 BC2
TA621 TA631
145 - CCU TIME CC2
TA621 TA631
132 + BUFFER ADDR 0 D CH2
TA555 TA561
139 - CSB TIME DC2
TA621 TA631
133 + BUFFER ADDR 0 C DH2
TA545 TA551
203 + NEW CHAR SVC Q EE2
TA561 TA571
134 + BUFFER ADDR 0 B EH2
TA521 TA525
152 + PRI BIT 1 TA611-FC2
117 + MOD BIT 1 TA631-GC2
111 + PRI BIT 2 TA611-GE2
ADDRESS PARITY
-E.C.-HISTORY- B
309518C
309539
DATE LAST EC
04-24-72 309545
MACH.27RNB
FRAME 01
IBM CORP.SDD
P.N. 1788248
TA641
000

+ LINEADBUS BIT P — TA041BC7 — 2
+ SCAN 8 ADDRESSES — TA621AK2 — 8
- ADDR BUS 1 A — TA621BB2 — 14
+ BUFFER ADDR 4 A — TA621DB2 — 20
+ BUFFER ADDR 3 A — TA621DE2 — 26
+ BUFFER ADDR 2 A — TA621DH2 — 32
+ BUFFER ADDR 1 A — TA621DL2 — 38
+ FIRST 3 LIBS — TA631AB6 — 44
- BUFFER ADDR 0 — TA631DB6 — 50
+ LS SEL LIB 1 OR 4 — TA631DD2 — 56
+ LS SEL LIB 2 OR 5 — TA631DH2 — 62
+ LS SEL LIB 3 OR 6 — TA631DK2 — 68
- SAMPLE BAR PARITY — TA921DN2 — 74
- MOD BIT 0 — TB041FK6 — 80

14 17H — AB — EV — 16J — 102
44 16H — A-A3L2

SCAN 8 ADDRESSES

8 19L — AA — N — 19K — 111
A-A3L2

8 -19L — AC — A — DR — 28K — 202
102 -07L
44 -33L
80 ZU03
A-A3L2

2 ZJ09 — AD — CE — J07 — 302
202 -18H
A-A3L2

BAR XLATE ERROR

74 ZD10 — AE — AR — A — D09 — 404
20 ZD04 — OD
26 ZD05
32 ZD04
38 ZD03
50 -01Q
56 -01P
62 -01K
68 -02R
302 ZJ07
A-A3L2

111 - SCAN 8 ADDRESSES — TA621-AB2

302 + NEW PARITY TP — DC2

404 + BAR XLATE ERROR — TB131-FC2

LEC. TYPE
A-A3L2 7616

ADDRESS PAR ADJUSTMENT AND CHECK

ECO HISTORY	
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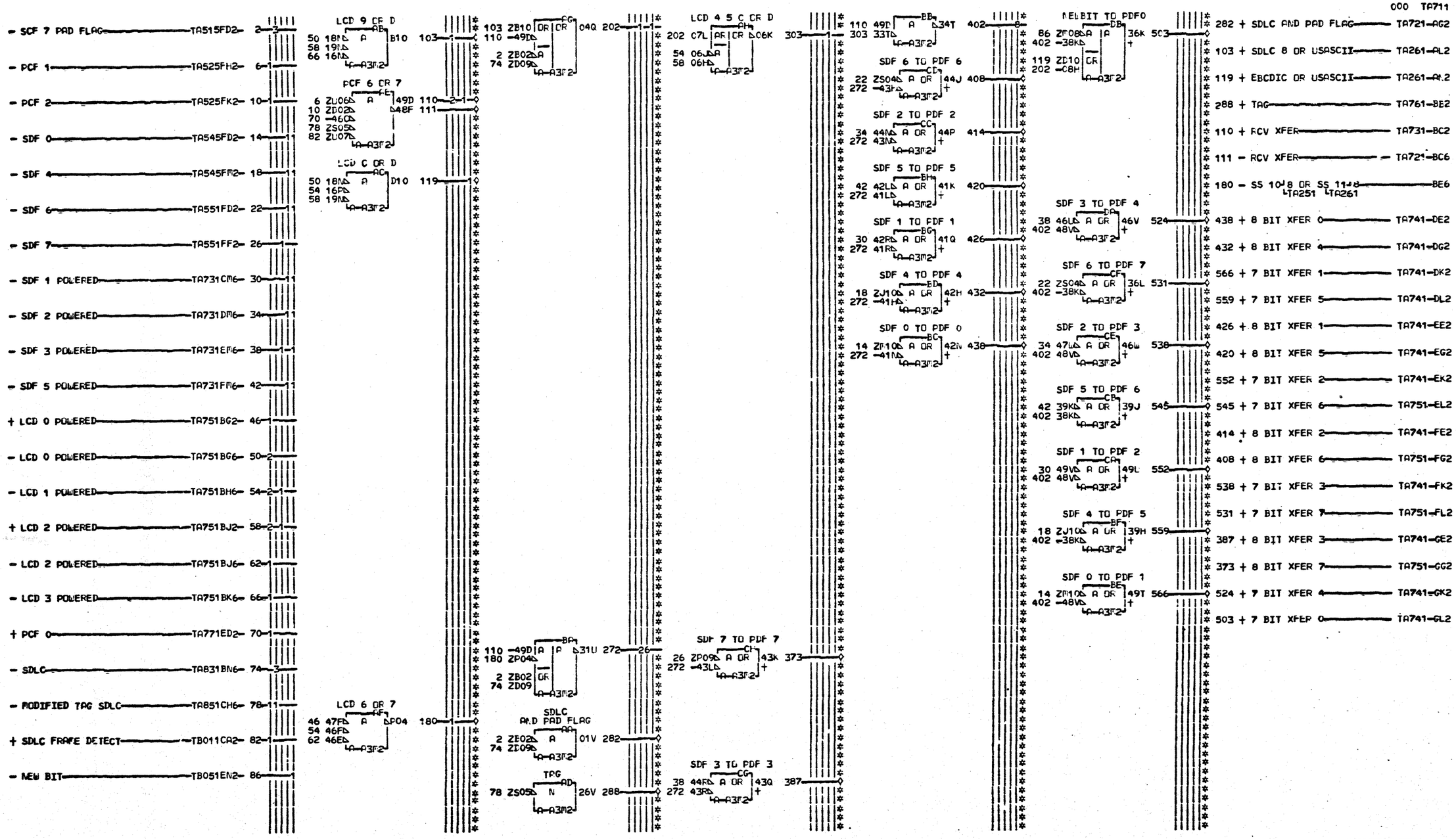
309539	FRAME 01
	IBM CORP.SDD TA651
DATE LAST EC	P.N. 1788249 000
04-24-72 309545	



TA711
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7 8 BIT XFER

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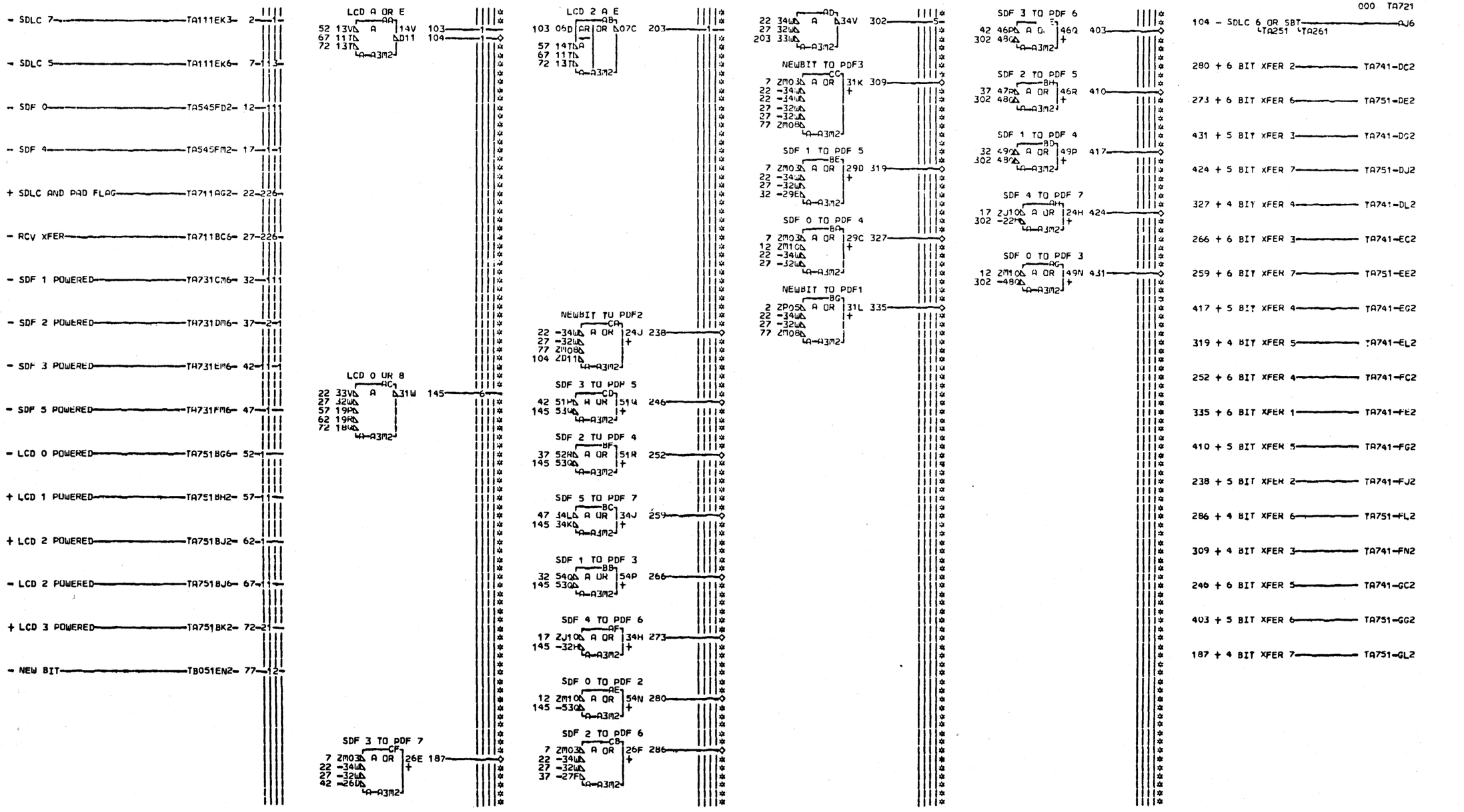
309936	IBM CORP.SDD	TA711
DATE LAST EC	PRM. 1788250	000
01-03-75 311283		


- SDLC 7 TA111EK3- 2-1
- SDLC 5 TA111EK6- 7-13
- SDF 0 TA545FD2- 12-111
- SDF 4 TA545FM2- 17-1-1
+ SDLC AND PAD FLAG TA711AG2- 22-226
- RCV XFER TA711BC6- 27-226
- SDF 1 POWERED TA731CM6- 32-111
- SDF 2 POWERED TA731DM6- 37-2-1
- SDF 3 POWERED TA731EM6- 42-1-1
- SDF 5 POWERED TA731FM6- 47-1-1
- LCD 0 POWERED TA751BG6- 52-1-1
+ LCD 1 POWERED TA751BH2- 57-1-1
+ LCD 2 POWERED TA751BJ2- 62-1-1
- LCD 2 POWERED TA751BJ6- 67-1-1
+ LCD 3 POWERED TA751BK2- 72-21
- NEW BIT TB051EN2- 77-12
LCD A OR E
52 13VD A 14V 103-1-1
67 11TD D11 104-1-1
72 13TD
A-A3M2
LCD 0 OR 8
22 33VD A 31W 145-6-1
27 32WD
57 19PD
62 19RD
72 18QD
A-A3M2
SDF 3 TO PDF 7
7 ZM03D A OR 26E 187
22 -34WD +
27 -32WD
42 -26QD
A-A3M2
LCD 2 A E
103 06D AR OR D07C 203-1-1
57 14TD A
67 11TD
72 13TD
A-A3M2
NEWBIT TO PDF2
22 -34WD A OR 24J 238
27 -32WD +
77 ZM08D
104 ZD11D
A-A3M2
SDF 3 TO PDF 5
42 51HD A OR 51Q 246
145 53WD +
A-A3M2
SDF 2 TO PDF 4
37 52RD A OR 51R 252
145 53QD +
A-A3M2
SDF 5 TO PDF 7
47 34LD A OR 34J 259
145 34KD +
A-A3M2
SDF 1 TO PDF 3
32 54QD A OR 54P 266
145 53QD +
A-A3M2
SDF 4 TO PDF 6
17 ZJ10D A OR 34H 273
145 -32HD +
A-A3M2
SDF 0 TO PDF 2
12 ZM10D A OR 54N 280
145 -53QD +
A-A3M2
SDF 2 TO PDF 6
7 ZM03D A OR 26F 286
22 -34WD +
27 -32WD
37 -27FD
A-A3M2
LOC. TYPE
A-A3M2 7617
22 34WD A 34V 302-5
27 32WD
203 33WD
A-A3M2
NEWBIT TO PDF3
7 ZM03D A OR 31K 309
22 -34WD +
22 -34WD
27 -32WD
27 -32WD
77 ZM08D
A-A3M2
SDF 1 TO PDF 5
7 ZM03D A OR 29D 319
22 -34WD +
27 -32WD
32 -29ED
A-A3M2
SDF 0 TO PDF 4
7 ZM03D A OR 29C 327
12 ZM10D +
22 -34WD
27 -32WD
A-A3M2
NEWBIT TO PDF1
2 ZP05D A OR 31L 335
22 -34WD +
27 -32WD
77 ZM08D
A-A3M2
SDF 3 TO PDF 6
42 46PD A OR 46Q 403
302 48QD +
A-A3M2
SDF 2 TO PDF 5
37 47RD A OR 46R 410
302 48QD +
A-A3M2
SDF 1 TO PDF 4
32 49QD A OR 49P 417
302 48QD +
A-A3M2
SDF 4 TO PDF 7
17 ZJ10D A OR 24H 424
302 -22HD +
A-A3M2
SDF 0 TO PDF 3
12 ZM10D A OR 49N 431
302 -48QD +
A-A3M2
000 TA721
104 - SDLC 6 OR SBT AJ6
TA251 TA261
280 + 6 BIT XFER 2 TA741-DC2
273 + 6 BIT XFER 6 TA751-DE2
431 + 5 BIT XFER 3 TA741-DG2
424 + 5 BIT XFER 7 TA751-DJ2
327 + 4 BIT XFER 4 TA741-DL2
266 + 6 BIT XFER 3 TA741-EC2
259 + 6 BIT XFER 7 TA751-EE2
417 + 5 BIT XFER 4 TA741-EG2
319 + 4 BIT XFER 5 TA741-EL2
252 + 6 BIT XFER 4 TA741-FC2
335 + 6 BIT XFER 1 TA741-FE2
410 + 5 BIT XFER 5 TA741-FG2
238 + 5 BIT XFER 2 TA741-FJ2
286 + 4 BIT XFER 6 TA751-FL2
309 + 4 BIT XFER 3 TA741-FN2
246 + 6 BIT XFER 5 TA741-GC2
403 + 5 BIT XFER 6 TA751-GG2
187 + 4 BIT XFER 7 TA751-GL2
4 5 6 BIT XFER
E.C. HISTORY B. MACH.27RNB
309518C
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IBM CORP. SDD TA721
DATE LAST EC
01-11-73 309936
P.N. 1788251 000
TA721
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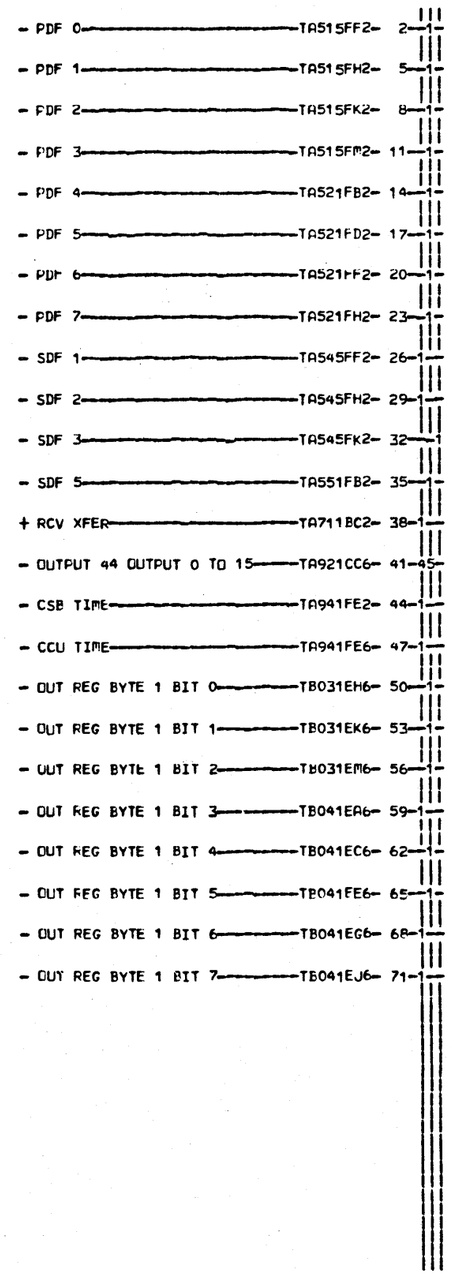
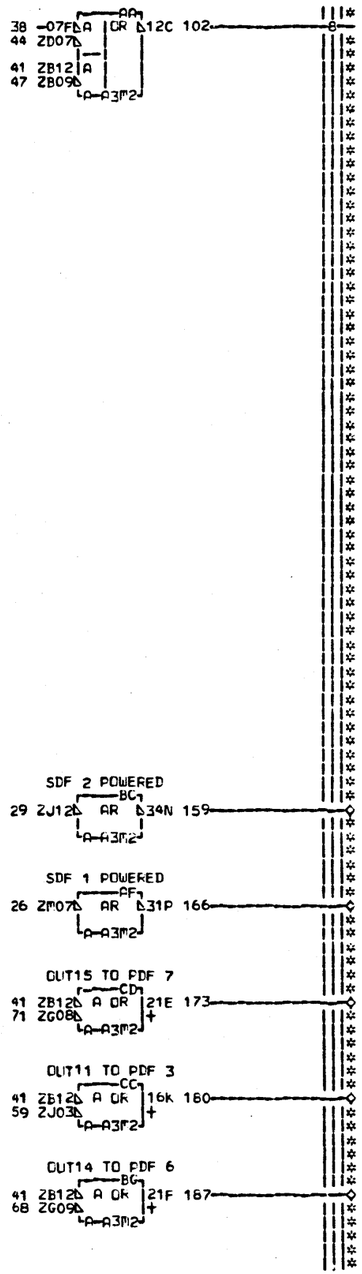
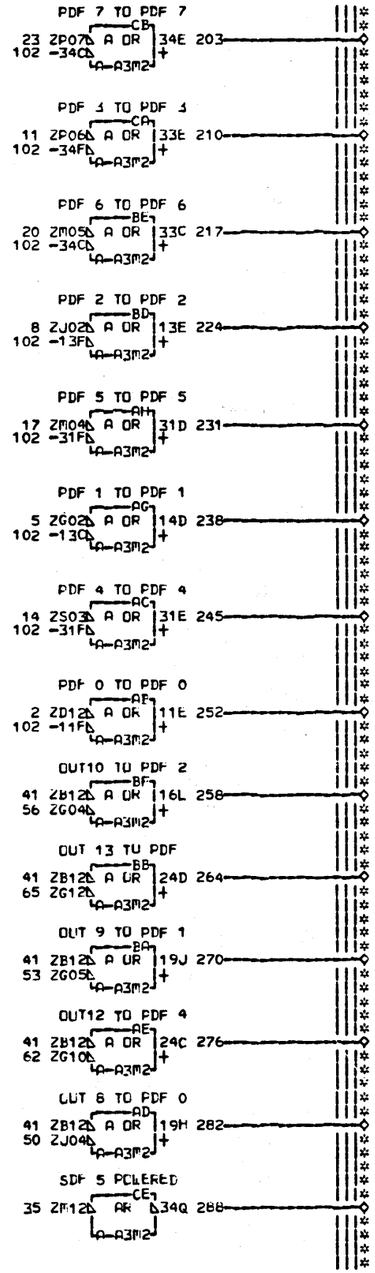
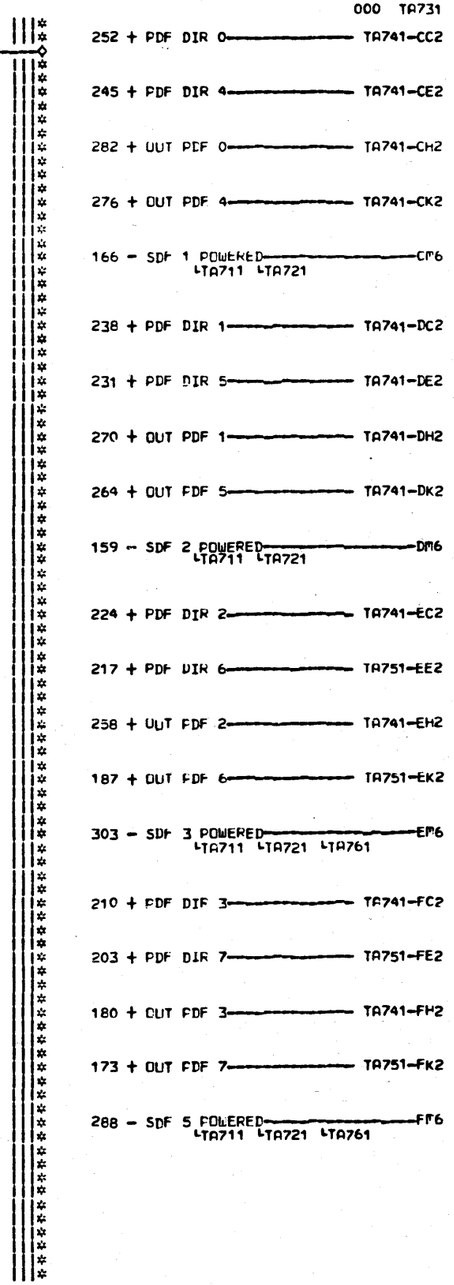






LOC. TYPE
F-A3F2 7617



000 TA731

252 + PDF DIR 0 TA741-CC2
245 + PDF DIR 4 TA741-CE2
282 + OUT PDF 0 TA741-CH2
276 + OUT PDF 4 TA741-CK2
166 - SDF 1 POWERED CM6
(TA711 TA721)
238 + PDF DIR 1 TA741-DC2
231 + PDF DIR 5 TA741-DE2
270 + OUT PDF 1 TA741-DH2
264 + OUT PDF 5 TA741-DK2
159 - SDF 2 POWERED DM6
(TA711 TA721)
224 + PDF DIR 2 TA741-EC2
217 + PDF DIR 6 TA751-EE2
258 + OUT PDF 2 TA741-EH2
187 + OUT PDF 6 TA751-EK2
303 - SDF 3 POWERED EM6
(TA711 TA721 TA761)
210 + PDF DIR 3 TA741-FC2
203 + PDF DIR 7 TA751-FE2
180 + OUT PDF 3 TA741-FH2
173 + OUT PDF 7 TA751-FK2
288 - SDF 5 POWERED FM6
(TA711 TA721 TA761)

PDF DIR AND OUT PDF

E.C. HISTORY — B MACH.27 RNB
309516
309539

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IBM CORP. SDD

DATE LAST EC
04-24-72 309545

P.N. 1788252

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TA731
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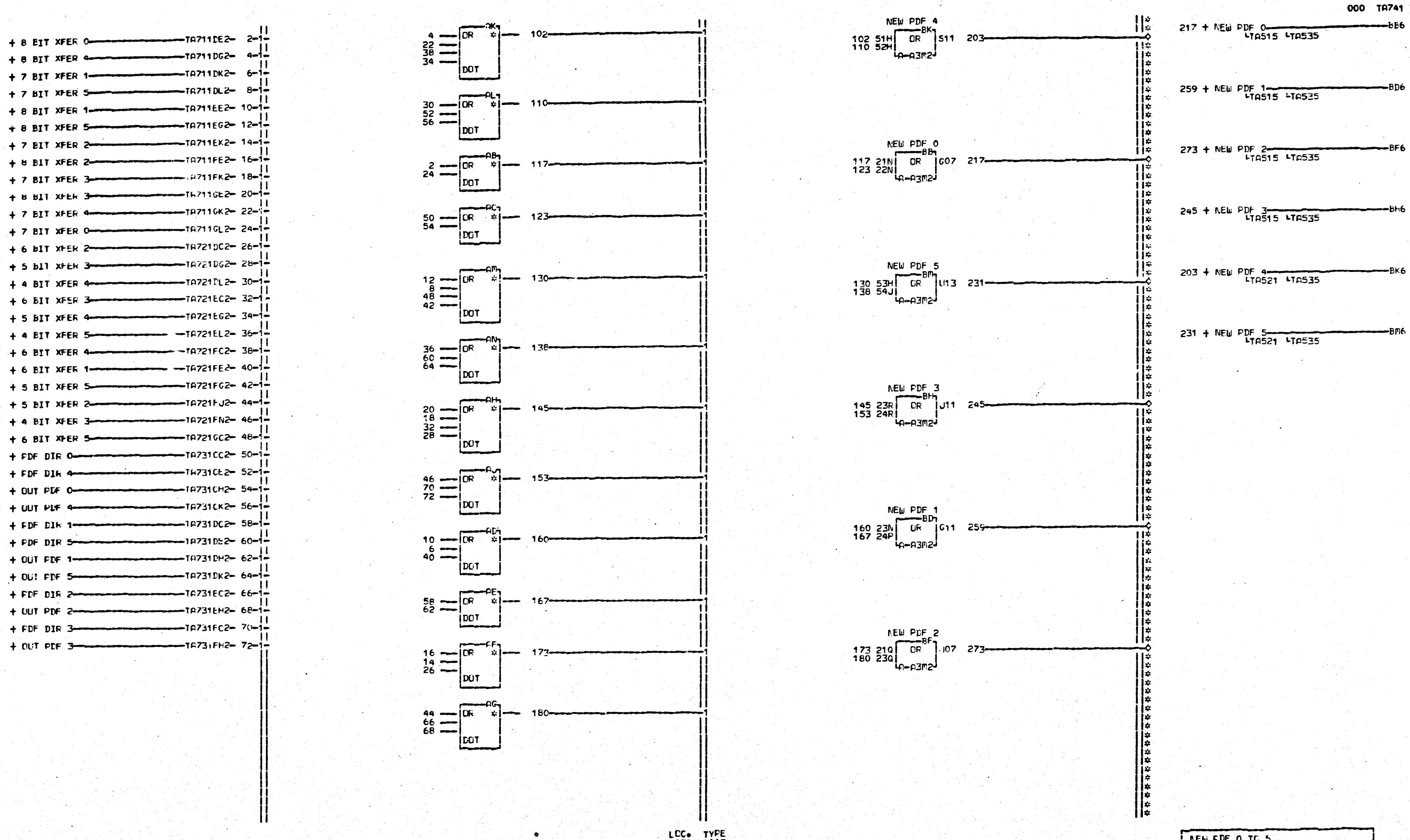

NEW PDF 0 TO 5

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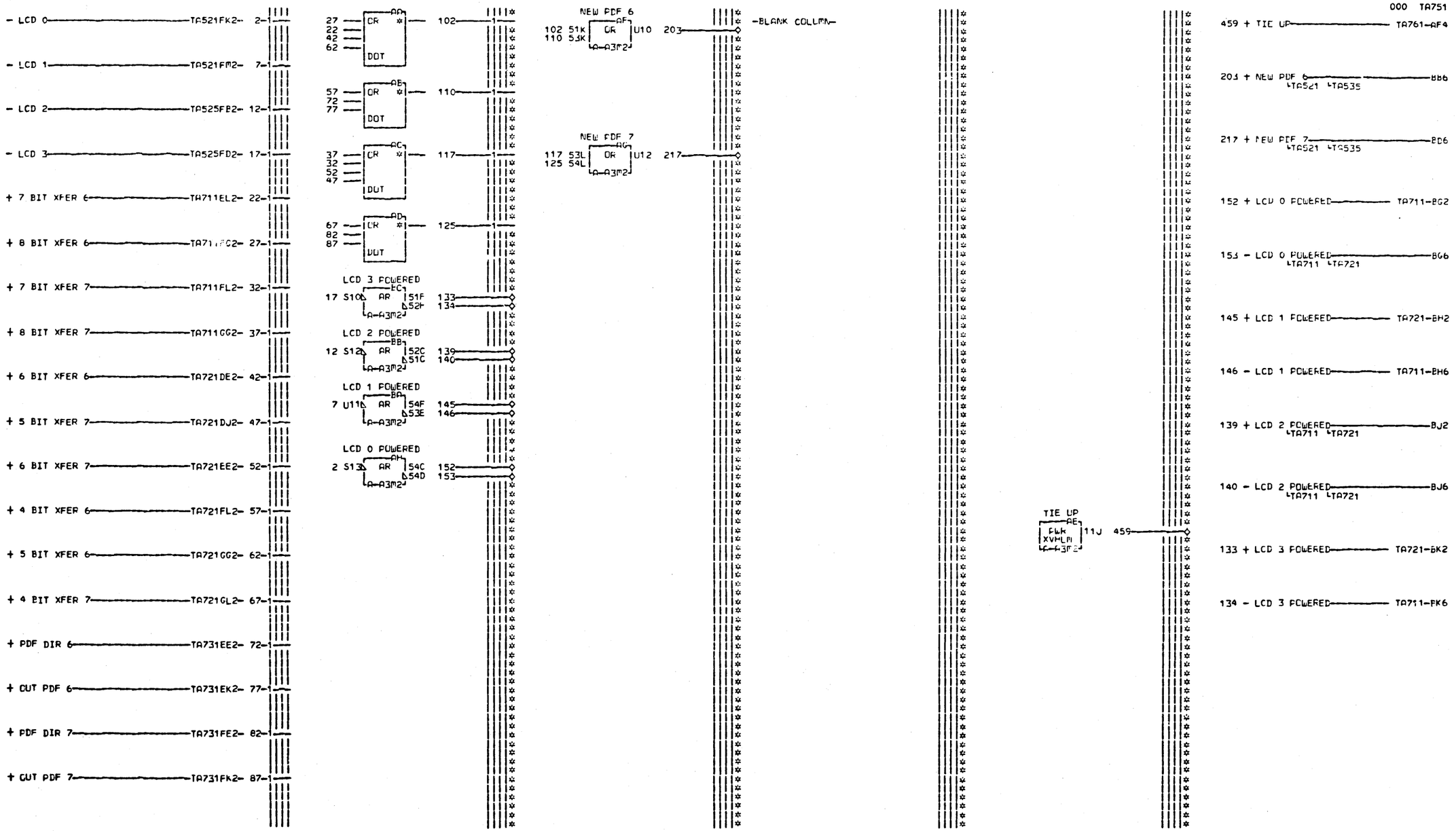
DATE LAST EC 04-24-72 309545	P.N. 1768253	000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- LCD 1 TA521FM2- 7
- LCD 2 TA525FB2- 12
- LCD 3 TA525FD2- 17
+ 7 BIT XFER 6 TA711EL2- 22
+ 8 BIT XFER 6 TA711FC2- 27
+ 7 BIT XFER 7 TA711FL2- 32
+ 8 BIT XFER 7 TA711GG2- 37
+ 6 BIT XFER 6 TA721DE2- 42
+ 5 BIT XFER 7 TA721DJ2- 47
+ 6 BIT XFER 7 TA721EE2- 52
+ 4 BIT XFER 6 TA721FL2- 57
+ 5 BIT XFER 6 TA721GG2- 62
+ 4 BIT XFER 7 TA721GL2- 67
+ PDF DIR 6 TA731EE2- 72
+ CUT PDF 6 TA731EK2- 77
+ PDF DIR 7 TA731FE2- 82
+ CUT PDF 7 TA731FK2- 87
AA CR * DOT 27 22 42 62 102
AB CR * DOT 57 72 77 110
AC CR * DOT 37 32 52 47 117
AD CR * DOT 67 82 87 125
LCD 3 POWERED EC 17 S10 AR 51F 52F 133 134 A-A3M2
LCD 2 POWERED BB 12 S12 AR 52C 51C 139 140 A-A3M2
LCD 1 POWERED BA 7 U11 AR 54F 53E 145 146 A-A3M2
LCD 0 POWERED AH 2 S13 AR 54C 54D 152 153 A-A3M2
NEW PDF 6 AF 102 51K 110 53K OR U10 203 A-A3M2
NEW PDF 7 AG 117 53L 125 54L OR U12 217 A-A3M2
-BLANK COLUMN-
TIE UP AE FWK XVHLN 11J 459 A-A3F2
000 TA751
459 + TIE UP TA761-AF4
203 + NEW PDF 6 BB6 LTA521 LTA535
217 + NEW PDF 7 BD6 LTA521 LTA535
152 + LCD 0 POWERED TA711-BG2
153 - LCD 0 POWERED BG6 LTA711 LTA721
145 + LCD 1 POWERED TA721-BH2
146 - LCD 1 POWERED TA711-BH6
139 + LCD 2 POWERED BJ2 LTA711 LTA721
140 - LCD 2 POWERED BJ6 LTA711 LTA721
133 + LCD 3 POWERED TA721-BK2
134 - LCD 3 POWERED TA711-FK6
LCC. TYPE A-A3F2 7617
NEW PDF 6 7
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BY MACH.27RNB
FRAME 01
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TA751
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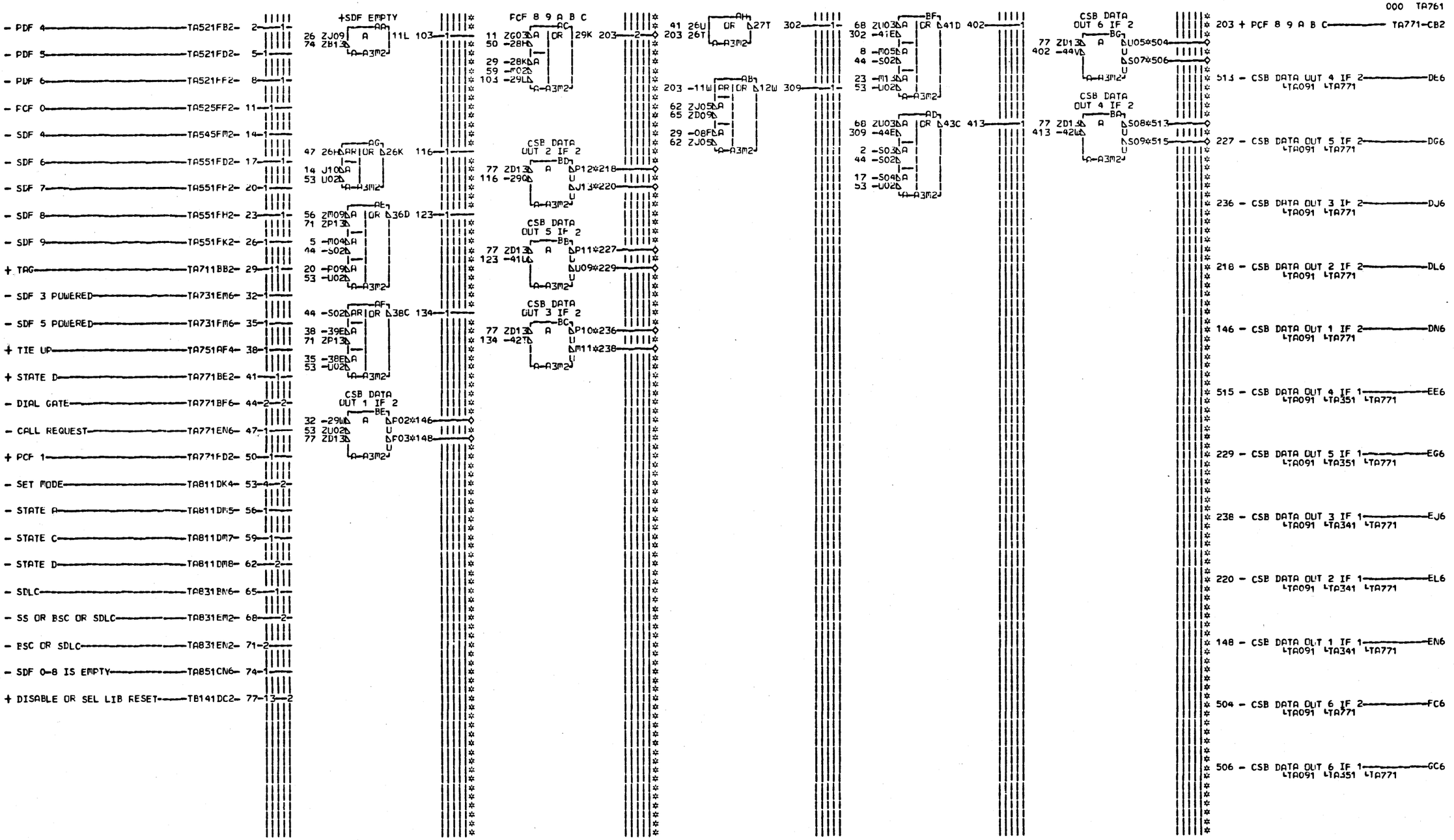

EDGE CONN.

146	P-A3V1B11	513	P-A3T1E13
148	P-A3K1B11	515	P-A3H1E13
218	P-A3T1C13		
220	P-A3H1C13		
227	P-A3U1B13		
229	P-A3U1B13		
236	P-A3T1D13		
238	P-A3H1D13		
504	P-A3U1C13		
506	P-A3U1C13		

LOC. TYPE
A-F3F2 7617

CSB DATA OUT 1 2 3 4 5 6
-E.C.-HISTORY- B MACH.27RNB
309518C
309539
FRAME 01
IBM CORP. SDD TA761
DATE LAST EC
04-24-72 309545
P.N. 1788255 000

TA761
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- DIAL ——— TA111EM6 — 2
- PCF 0 ——— TA525FF2 — 6
- PCF 1 ——— TA525FH2 — 10
- PCF 2 ——— TA525FK2 — 14
+ PCF 8 9 A B C ——— T A761CB2 — 18
- CSB DATA OUT 4 IF 2 ——— TA761DE6 — 22
- CSB DATA OUT 5 IF 2 ——— TA761DG6 — 26
- CSB DATA OUT 3 IF 2 ——— TA761DJ6 — 30
- CSB DATA OUT 2 IF 2 ——— TA761DL6 — 34
- CSB DATA OUT 1 IF 2 ——— TA761DN6 — 38
- CSB DATA OUT 4 IF 1 ——— TA761EE6 — 42
- CSB DATA OUT 5 IF 1 ——— TA761EG6 — 46
- CSB DATA OUT 3 IF 1 ——— TA761EJ6 — 50
- CSB DATA OUT 2 IF 1 ——— TA761EL6 — 54
- CSB DATA OUT 1 IF 1 ——— TA761EN6 — 58
- CSB DATA OUT 6 IF 2 ——— TA761FC6 — 62
- CSB DATA OUT 6 IF 1 ——— TA761GC6 — 66
- STATE B ——— TA811DM3 — 70
- STATE D ——— TA811DM8 — 74

PCF 4 5 C D

18 -04C AR DR 04D 103

10 ZU06 A
14 ZD02 A-A3M2

PCF 1

10 ZU06 N 16E 111

STATE D

74 ZJ05 N 19D 117

DIAL GATE

2 ZD04 A S02 124
70 ZJ06 A-A3M2

PCF 0

6 ZG03 N 17C 131

58 P03 R -615 A-A3M2

22 S08
26 F11
30 F10
34 F12
38 P02
42 S09
46 U09
50 M11
54 J13
62 U05
66 S07
R -615 A-A3M2

CALL REQUEST

2 ZD04 A 04E 203
103 -04F A-A3M2

117 + STATE D ——— TA761-BE2

124 - DIAL GATE ——— BF6
TA311 TA761

131 + PCF 0 ——— TA711-ED2

203 - CALL REQUEST ——— TA761-EN6

111 + PCF 1 ——— TA761-FD2

LCC. TYPE
A-A3M2 7617

TA771
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ENTRY PAGE

E.C.-HISTORY — P. PPCH.27RMB
309518C

FRAME 01

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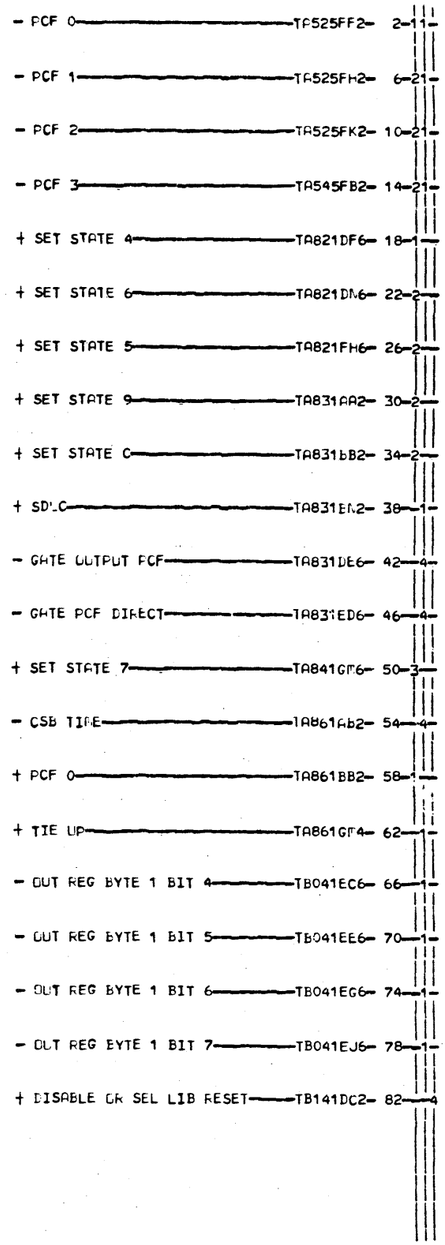
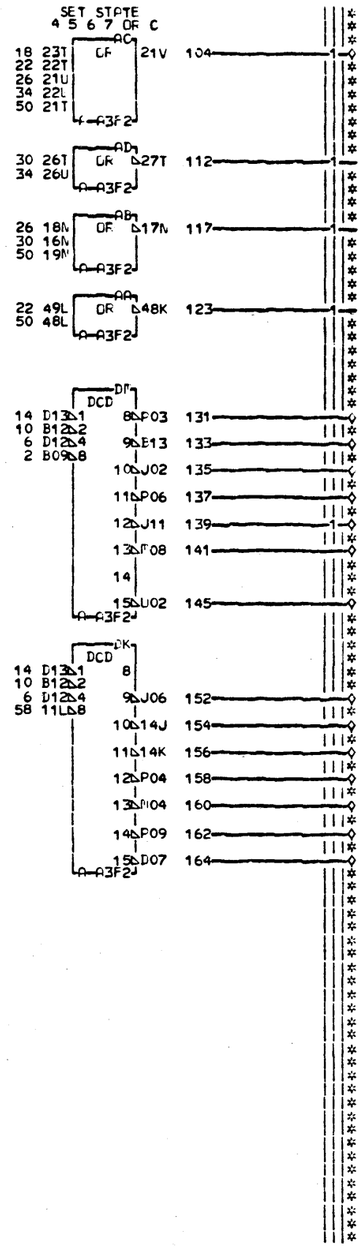
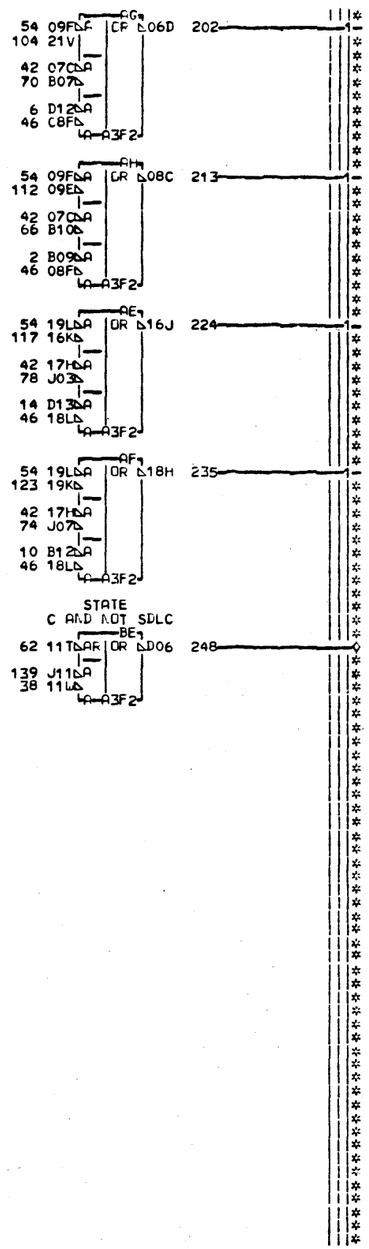
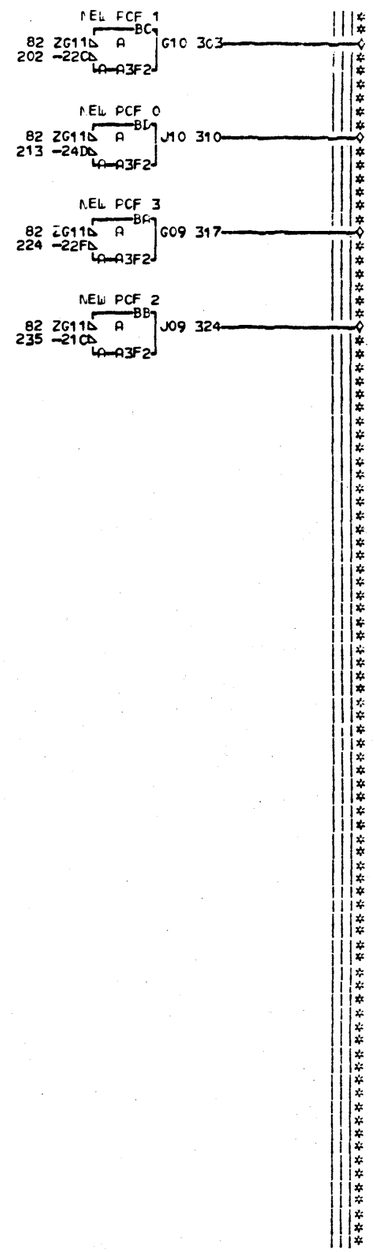
DATE LAST EC
04-24-72 309545

P.N. 1788256 | 000









OCC TA811

104 + SET STATE 4 5 6 7 OR C- TA831-EE6

164 - STATE 7 -DK0
LTA121 LTA261 LTA821 LTA831

152 - SET DECODE -DK4
LTA311 LTA361 LTA761 LTA861

154 - STATE 2 TA821-DK5

156 - STATE 3 TA821-DK6

158 - STATE 4 -DK7
LTA831 LTA861

160 - STATE 5 -DK8
LTA831 LTA861

162 - STATE 6 TA841-DK9

145 - DISABLE -DM0
LTA361 LTA821

131 - STATE 8 -DM3
LTA311 LTA771 LTA821 LTA831

133 - STATE 9 TA121-DM4

135 - STATE A -DM5
LTA311 LTA761

137 - STATE B -DM6
LTA831 LTB061

139 - STATE C -DM7
LTA361 LTA761 LTA821 LTA841
LTA851

141 - STATE D -DM8
LTA211 LTA761 LTA771 LTA821
LTA841

317 + NEW PCF 3 +B2
LTA545 LTA571

324 + NEW PCF 2 +D2
LTA525 LTA535

303 + NEW PCF 1 +F2
LTA525 LTA535

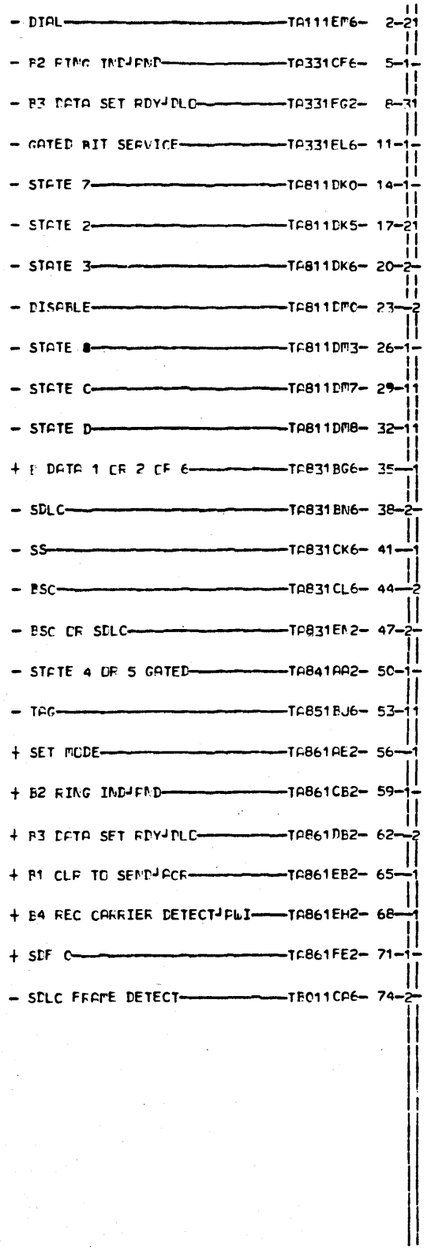
310 + NEW PCF 0 +H2
LTA525 LTA535

248 - STATE C AND NOT SDLC TA211-FJ6

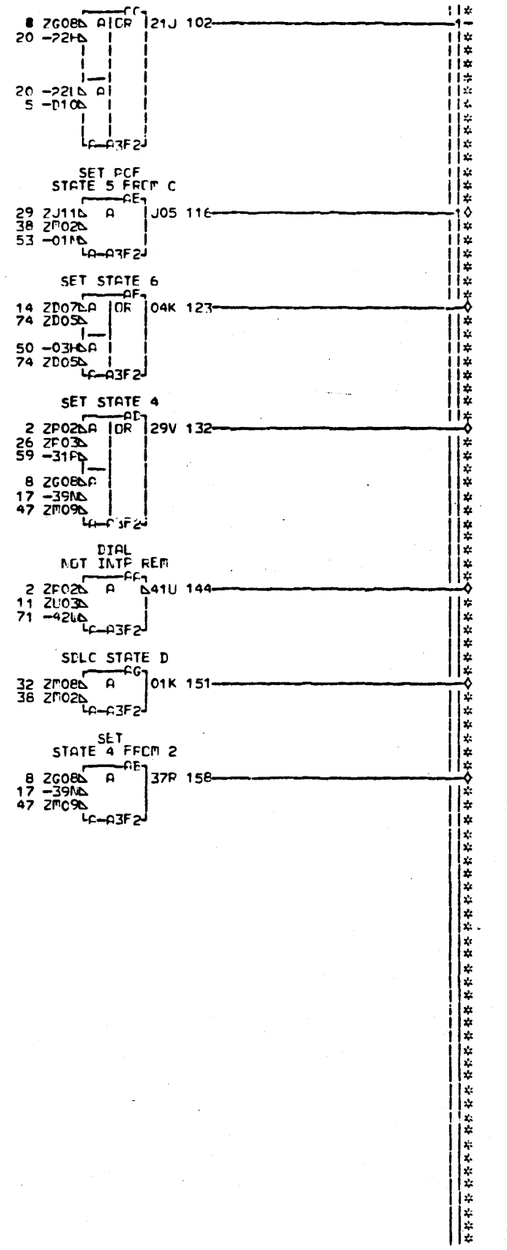
LOC. TYPE
A-A3F2 7618

TA811
000

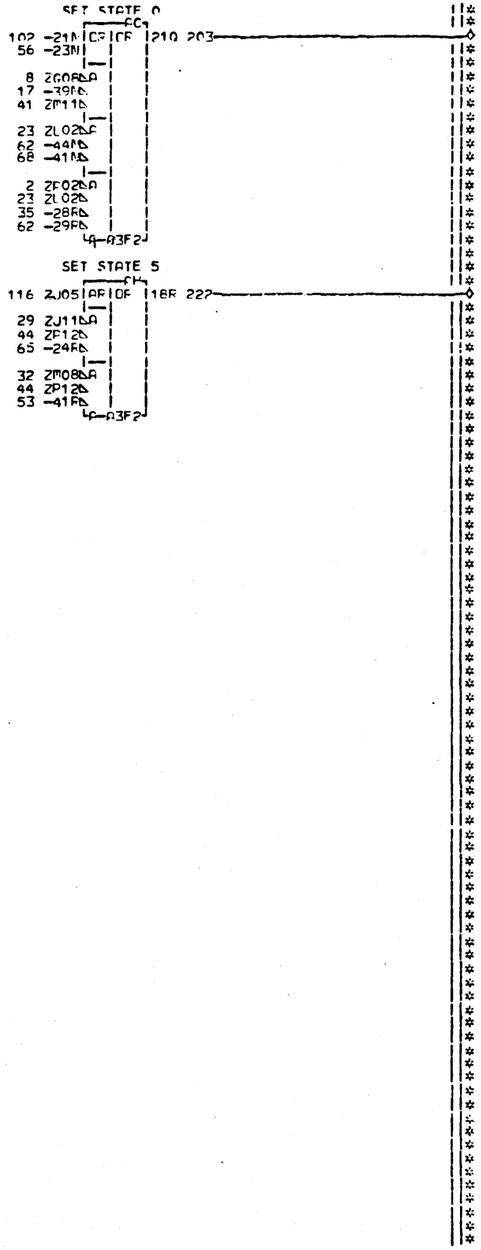
NEW PCF
PCF DECODE
E.C.-HISTORY C. MECH.27RNB
309518C
309539 FRAME 01
309545
309533 IBM CORP.SDD TA811
DATE LAST EC
02-19-75 311283 P.N. 1788257 000



TA821
CCO



LOC. TYPE
A-A3F2 7618



CCO TA821

144 - DIAL NOT INTP REM ——— TA831-AA6

158 + SET STATE 4 FROM 2 ——— TA831-CF2

203 + SET STATE C ——— TA831-DB6

132 + SET STATE 4 ——— TA811-DF6

116 + SET PCF STATE 5 FROM C ——— DJ2
LTB011 LTB021

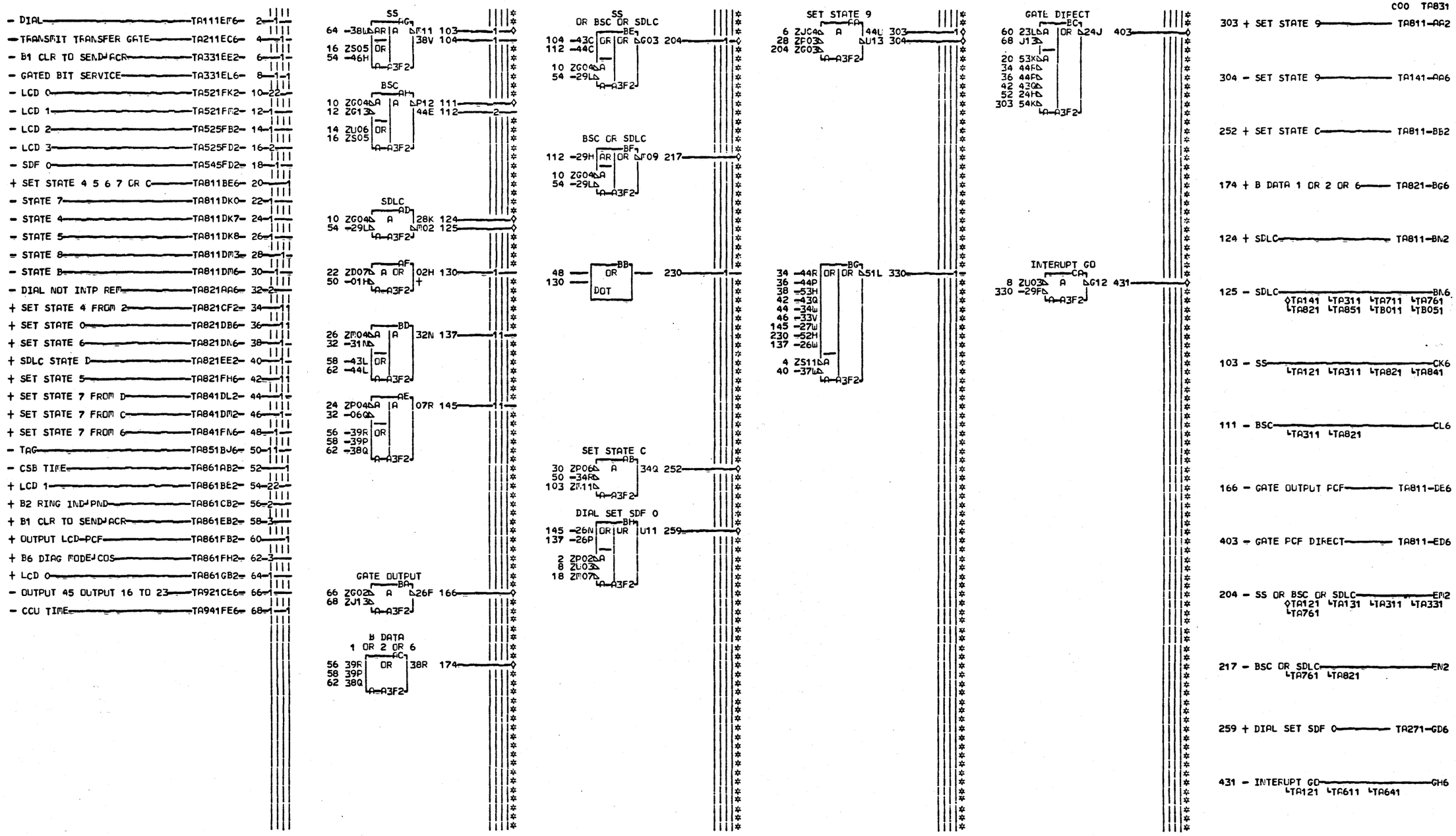
123 + SET STATE 6 ——— DM6
LTA811 LTA831

151 + SDLC STATE D ——— TA831-EE2

222 + SET STATE 5 ——— FF6
LTA811 LTA831

SET PCF STATES C-4-5-6

309518C	309936	FRCH.27RMB	
309539	311283	FRAME C1	
309545			
309533		IBF CCRF.SDD	TA821
DATE	LAST EC		
11-21-75	314410	P.N. 1788256	CCC


- DIAL TA111EM6- 2
- TRANSMIT TRANSFER GATE TA211EC6- 4
- B1 CLR TO SEND/RCR TA331EE2- 6
- GATED BIT SERVICE TA331EL6- 8
- LCD 0 TA521FK2- 10
- LCD 1 TA521FM2- 12
- LCD 2 TA525FB2- 14
- LCD 3 TA525FD2- 16
- SDF 0 TA545FD2- 18
+ SET STATE 4 5 6 7 OR C TA811BE6- 20
- STATE 7 TA811DK0- 22
- STATE 4 TA811DK7- 24
- STATE 5 TA811DK8- 26
- STATE 8 TA811DM3- 28
- STATE B TA811DM6- 30
- DIAL NOT INTP REM TA821AA6- 32
+ SET STATE 4 FROM 2 TA821CF2- 34
+ SET STATE 0 TA821DB6- 36
+ SET STATE 6 TA821DM6- 38
+ SDLC STATE D TA821EE2- 40
+ SET STATE 5 TA821FH6- 42
+ SET STATE 7 FROM D TA841DL2- 44
+ SET STATE 7 FROM C TA841DM2- 46
+ SET STATE 7 FROM 6 TA841FM6- 48
- TAG TA851BJ6- 50
- CSB TIME TA861AB2- 52
+ LCD 1 TA861BE2- 54
+ B2 RING IND/PND TA861CB2- 56
+ B1 CLR TO SEND/ACR TA861EB2- 58
+ OUTPUT LCD-PCF TA861FB2- 60
+ B6 DIAG MODE/COS TA861FH2- 62
+ LCD 0 TA861GB2- 64
- OUTPUT 45 OUTPUT 16 TO 23 TA921CE6- 66
- CCU TIME TA941FE6- 68
SS
64 -38L
16 ZS05
54 -46H
38V 104
BSC
10 ZG04
12 ZG13
44E 112
14 ZU06
16 ZS05
SDLC
10 ZG04
54 -29L
28K 124
M02 125
22 ZD07
50 -01H
02H 130
26 ZM04
32 -31N
32N 137
58 -43L
62 -44L
24 ZP04
32 -06Q
07R 145
56 -39R
58 -39P
62 -38Q
GATE OUTPUT
66 ZG02
68 ZJ13
26F 166
B DATA
1 OR 2 OR 6
56 39R
58 39P
62 38Q
38R 174
SS
OR BSC OR SDLC
104 -43C
112 -44C
10 ZG04
54 -29L
G03 204
BSC OR SDLC
112 -29H
10 ZG04
54 -29L
F09 217
48
130
OR
DOT
230
SET STATE C
30 ZP06
50 -34R
103 ZM11
34Q 252
DIAL SET SDF 0
145 -26N
137 -26P
2 ZP02
8 ZL03
18 ZM07
U11 259
LOC. TYPE
A-A3F2 7618
SET STATE 9
6 ZJ04
28 ZF03
204 ZG03
44U 303
U13 304
34 -44R
36 -44P
38 -53H
42 -43Q
44 -34E
46 -33V
145 -27W
230 -52H
137 -26W
4 ZS11
40 -37L
S1L 330
GATE DIRECT
60 23L
68 J13
20 53K
34 44F
36 44F
42 43Q
52 24K
303 54K
24J 403
INTERUPT GD
8 ZU03
330 -29F
G12 431
COO TA831
303 + SET STATE 9 TA811-AF2
304 - SET STATE 9 TA141-AA6
252 + SET STATE C TA811-BB2
174 + B DATA 1 OR 2 OR 6 TA821-BG6
124 + SDLC TA811-BN2
125 - SDLC BN6
TA141 TA311 TA711 TA761
TA821 TA851 TB011 TB051
103 - SS CK6
TA121 TA311 TA821 TA841
111 - BSC CL6
TA311 TA821
166 - GATE OUTPUT PCF TA811-DE6
403 - GATE PCF DIRECT TA811-ED6
204 - SS OR BSC OR SDLC EM2
TA121 TA131 TA311 TA331
TA761
217 - BSC OR SDLC EN2
TA761 TA821
259 + DIAL SET SDF 0 TA271-GD6
431 - INTERUPT GD GH6
TA121 TA611 TA641
SET PCF STATES 9 AND C
PCF GATING
E.C. HISTORY
309518C 309936
309539
309545
309533
DATE LAST EC
01-03-75 311283
MACH.27RNB
FRAME 01
IBM CORP.SDD
P.N. 1788259
TA831
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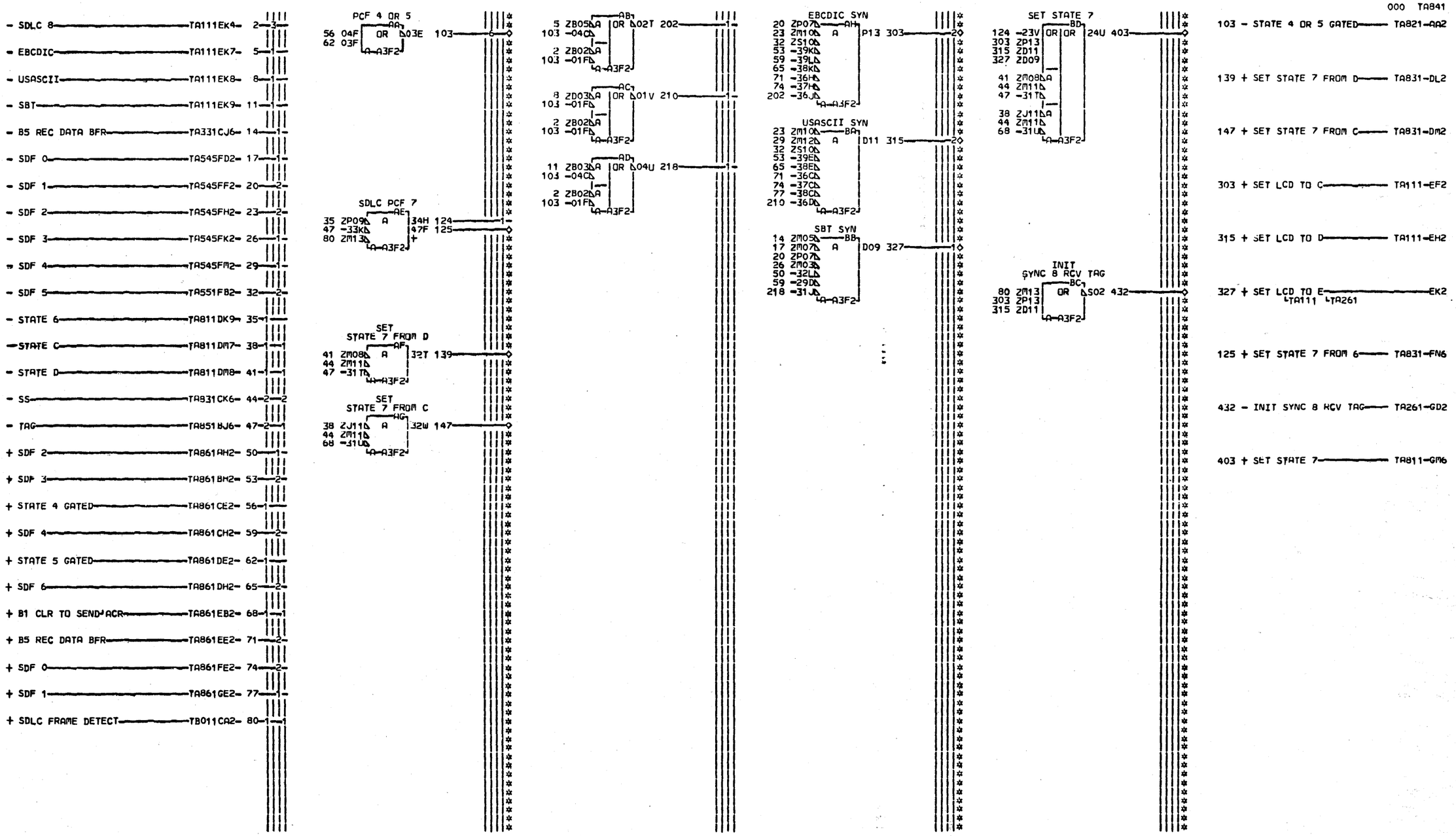
TA831
000



LOC. TYPE
A-A3F2 7618

TA841
000

LINE CONTROL DISCRIMINATOR AND SET STATE 7

E.C. HISTORY	MACH.27RNB
309518C	
309545	FRAME 01
309533	
	IBM CORP. SDD TA841
DATE LAST EC	P.N. 1788260 000
01-11-73 309936	

= TAG DETECTED — TA261EJ2 — 2

- GATED BIT SERVICE — TA331EL6 — 8

= STATE C — TA811DM7 — 14

- SDLC — TA831BN6 — 20

+ SDF 2 — TA861AH2 — 26

+ SDF 5 — TA861AL2 — 32

+ SDF 3 — TA861BH2 — 38

+ SDF 7 — TA861BL2 — 44

+ SDF 4 — TA861CH2 — 50

+ SDF 8 — TA861CL2 — 56

+ SDF 6 — TA861DH2 — 62

+ SDF 9 — TA861DL2 — 68

+ SDF 0 — TA861FE2 — 74

+ SDF 1 — TA861GE2 — 80

TA851
000

8 ZU03 A AP 04Q 102
14 ZJ11
20 ZF02
A-A3F2

SDF
0-8 IS EMPTY
26 47R AD
32 49Q A S13 111
38 48M
44 48R
50 47R
56 48Q
62 49R
74 46P
80 46M
A-A3F2

SDF 6 7 OR 8
AB
44 42T OR U09 123
56 41T
62 43T
A-A3F2

LOC. TYPE
A-A3F2 7618

MODIFIED
TAG SDLC
AC
2 ZD02 A OR B11 204
102 -14T 04V 205
8 ZL03
14 ZJ11
20 ZF02
68 -13V
111 -S13
A-A3F2

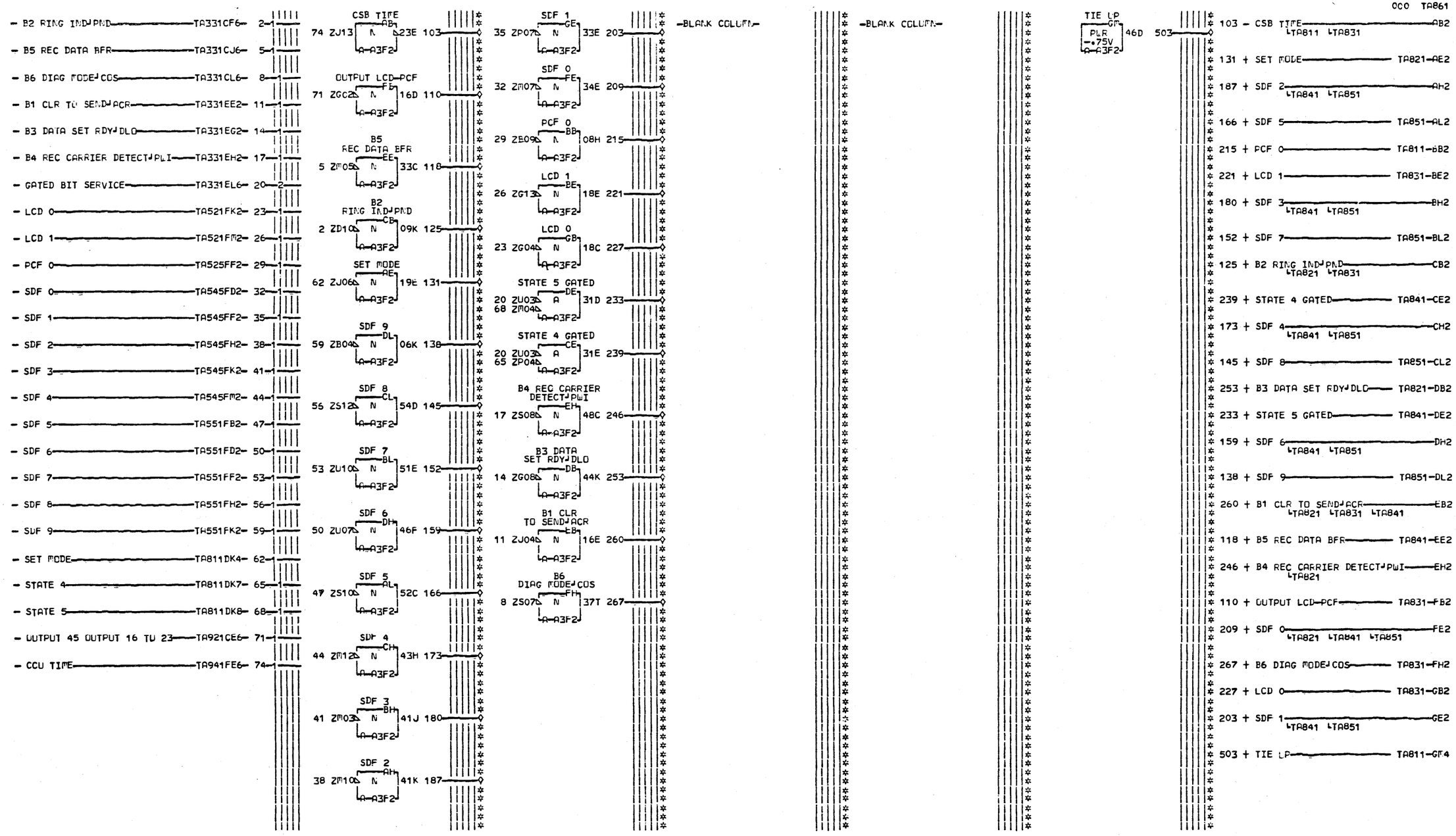
000 TA851
205 - TAG — BJ6
TA821 TA831 TA841

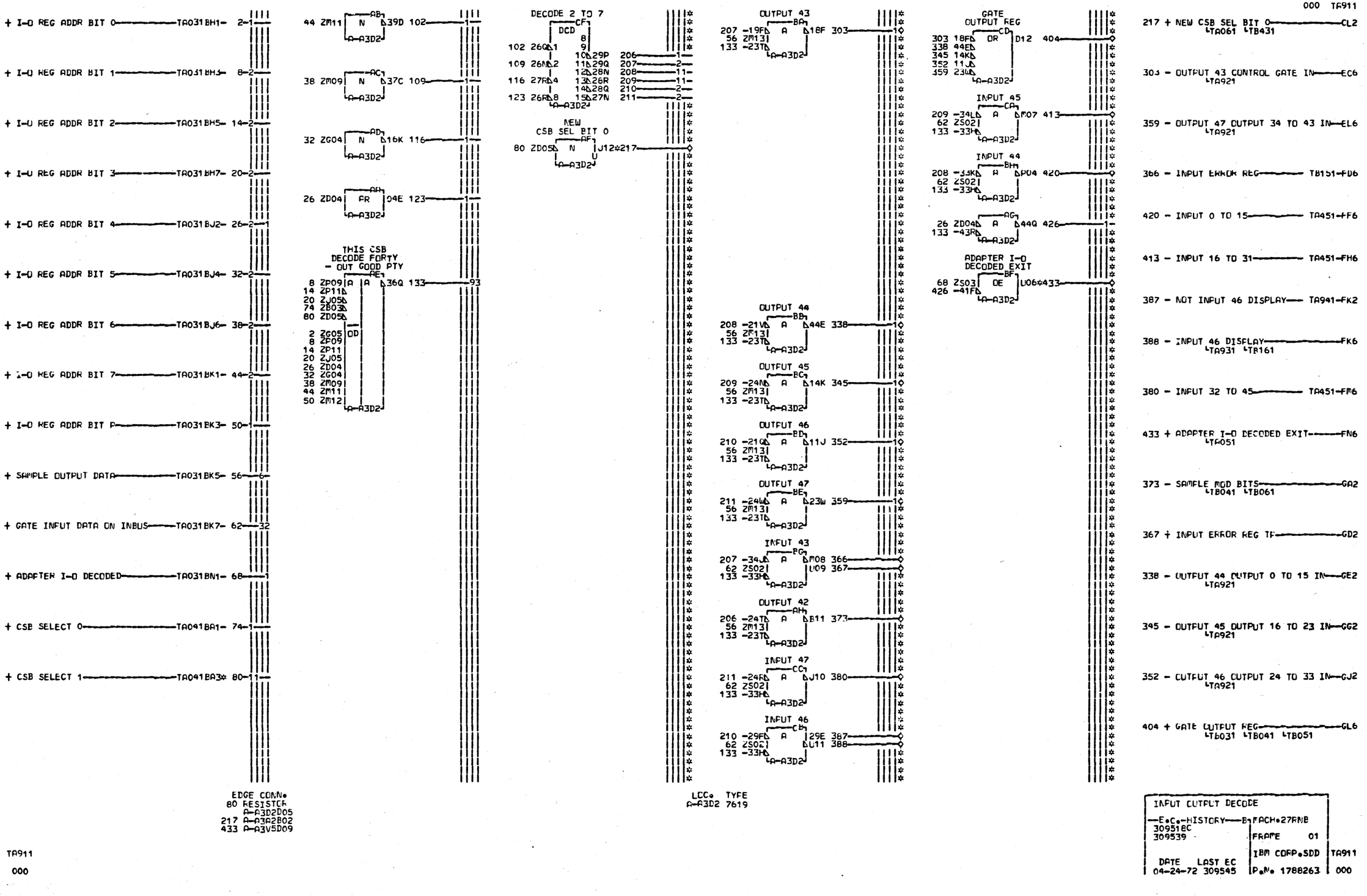
123 + SDF 6 7 OR 8 — TA151 — BK6

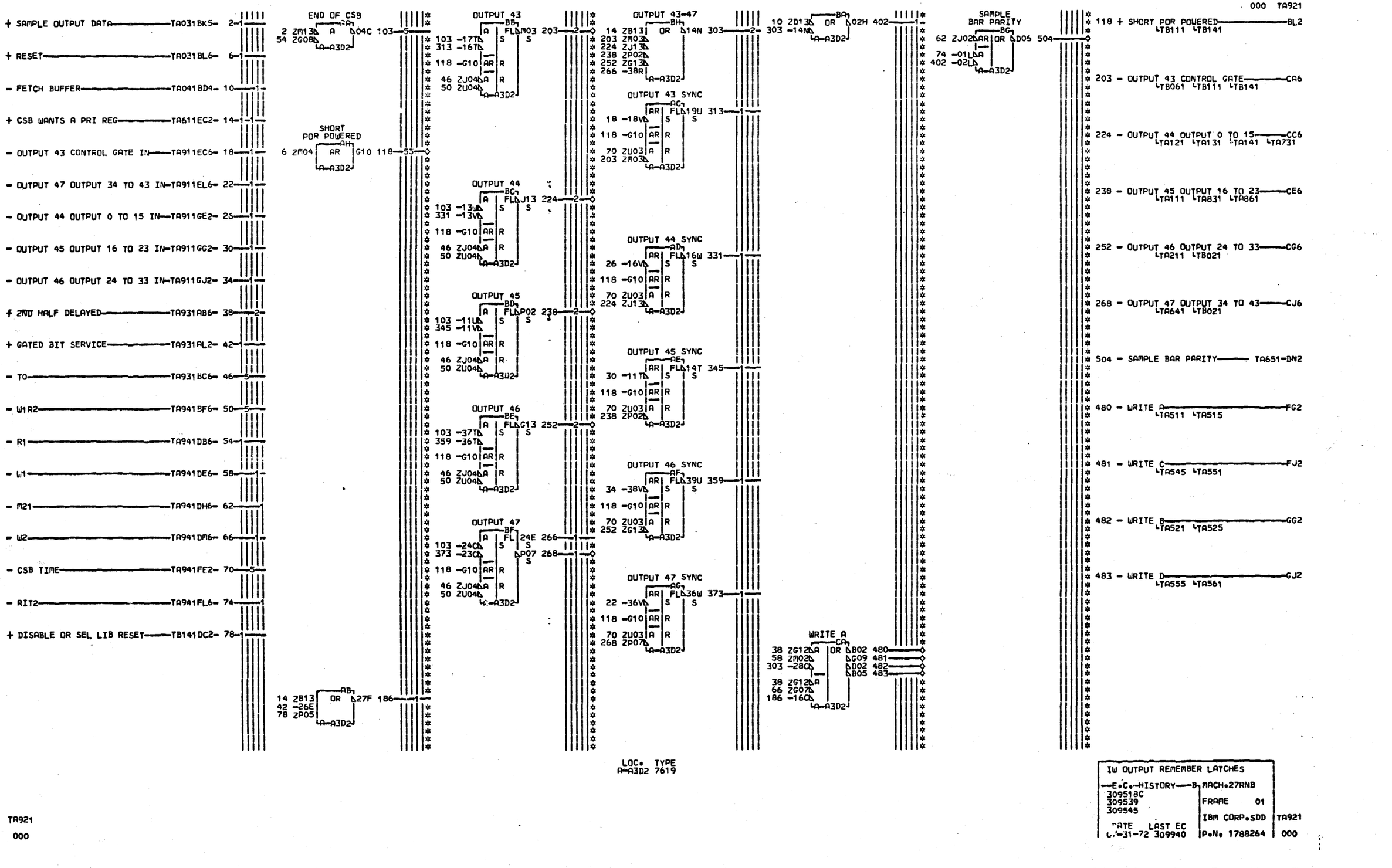
204 - MODIFIED TAG SDLC — CH6
TA141 TA151 TA361 TA711

111 - SDF 0-8 IS EMPTY — CN6
TA261 TA761

ENTRY PAGE
E.C. HISTORY | MACH.27RNB
309518C
309545 | FRAME 01
309533
309936 | IBM CORP.SDD | TA851
DATE LAST EC | P.N. 1788261 | 000
02-19-75 311283


- B2 RING IND/PND TA331CF6- 2-1
- B5 REC DATA BFR TA331CJ6- 5-1
- B6 DIAG MODE/COS TA331CL6- 8-1
- B1 CLR TO SEND/ACR TA331EE2- 11-1
- B3 DATA SET RDY/DLO TA331EG2- 14-1
- B4 REC CARRIER DETECT/PWI TA331EH2- 17-1
- GATED BIT SERVICE TA331EL6- 20-2
- LCD 0 TA521FK2- 23-1
- LCD 1 TA521FM2- 26-1
- PCF 0 TA525FF2- 29-1
- SDF 0 TA545FD2- 32-1
- SDF 1 TA545FF2- 35-1
- SDF 2 TA545FH2- 38-1
- SDF 3 TA545FK2- 41-1
- SDF 4 TA545FM2- 44-1
- SDF 5 TA551FB2- 47-1
- SDF 6 TA551FD2- 50-1
- SDF 7 TA551FF2- 53-1
- SDF 8 TA551FH2- 56-1
- SDF 9 TA551FK2- 59-1
- SET MODE TA811DK4- 62-1
- STATE 4 TA811DK7- 65-1
- STATE 5 TA811DK8- 68-1
- OUTPUT 45 OUTPUT 16 TO 23 TA921CE6- 71-1
- CCU TIME TA941FE6- 74-1
CSB TIME
74 ZJ13 N 23E 103
OUTPUT LCD-PCF
71 ZGC2 N 16D 110
B5 REC DATA BFR
5 ZM05 N 33C 118
B2 RING IND/PND
2 ZD10 N 09K 125
SET MODE
62 ZJ06 N 19E 131
SDF 9
59 ZB04 N 06K 138
SDF 8
56 ZS12 N 54D 145
SDF 7
53 ZU10 N 51E 152
SDF 6
50 ZU07 N 46F 159
SDF 5
47 ZS10 N 52C 166
SDF 4
44 ZM12 N 43H 173
SDF 3
41 ZM03 N 41J 180
SDF 2
38 ZM10 N 41K 187
SDF 1
35 ZP07 N 33E 203
SDF 0
32 ZM07 N 34E 209
PCF 0
29 ZB09 N 08H 215
LCD 1
26 ZG13 N 18E 221
LCD 0
23 ZG04 N 18C 227
STATE 5 GATED
20 ZU03 A 31D 233
68 ZM04
STATE 4 GATED
20 ZU03 A 31E 239
65 ZP04
B4 REC CARRIER DETECT/PWI
17 ZS08 N 48C 246
B3 DATA SET RDY/DLO
14 ZG08 N 44K 253
B1 CLR TO SEND/ACR
11 ZJ04 N 16E 260
B6 DIAG MODE/COS
8 ZS07 N 37T 267
A-A3F2
-BLANK COLUMN-
-BLANK COLUMN-
TIE LP
GP
PLR
-.75V
46D 503
000 TA861
103 - CSB TIME AB2
TA811 TA831
131 + SET MODE TA821-AE2
187 + SDF 2 AH2
TA841 TA851
166 + SDF 5 TA851-AL2
215 + PCF 0 TA811-BB2
221 + LCD 1 TA831-BE2
180 + SDF 3 BH2
TA841 TA851
152 + SDF 7 TA851-BL2
125 + B2 RING IND/PND CB2
TA821 TA831
239 + STATE 4 GATED TA841-CE2
173 + SDF 4 CH2
TA841 TA851
145 + SDF 8 TA851-CL2
253 + B3 DATA SET RDY/DLO TA821-DB2
233 + STATE 5 GATED TA841-DE2
159 + SDF 6 DH2
TA841 TA851
138 + SDF 9 TA851-DL2
260 + B1 CLR TO SEND/ACR EB2
TA821 TA831 TA841
118 + B5 REC DATA BFR TA841-EE2
246 + B4 REC CARRIER DETECT/PWI EH2
TA821
110 + OUTPUT LCD-PCF TA831-FB2
209 + SDF 0 FE2
TA821 TA841 TA851
267 + B6 DIAG MODE/COS TA831-FH2
227 + LCD 0 TA831-GB2
203 + SDF 1 GE2
TA841 TA851
503 + TIE LP TA811-GP4
LOC. TYPE
A-A3F2 7618
INVERSION PAGE
E.C. HISTORY
309518C
309545
309533
DATE LAST EC
01-03-75 311283
MACH.27RAB
FRAME 01
IBM CLRP.SDD
P.N. 1788262
TA861
000
TA861
000


+ I-O REG ADDR BIT 0 TA031BH1- 2-1
+ I-O REG ADDR BIT 1 TA031BH3- 8-2
+ I-O REG ADDR BIT 2 TA031BH5- 14-2
+ I-O REG ADDR BIT 3 TA031BH7- 20-2
+ I-O REG ADDR BIT 4 TA031BJ2- 26-2
+ I-O REG ADDR BIT 5 TA031BJ4- 32-2
+ I-O REG ADDR BIT 6 TA031BJ6- 38-2
+ I-O REG ADDR BIT 7 TA031BK1- 44-2
+ I-O REG ADDR BIT P TA031BK3- 50-1
+ SAMPLE OUTPUT DATA TA031BK5- 56-6
+ GATE INPUT DATA ON INBUS TA031BK7- 62-32
+ ADAPTER I-O DECODED TA031BN1- 68-1
+ CSB SELECT 0 TA041BA1- 74-1
+ CSB SELECT 1 TA041BA3* 80-11
EDGE CONN.
80 RESISTOR
A-A3D2D05
217 A-A3A2B02
433 A-A3V5D09
44 ZM11 AB N 39D 102
A-A3D2
38 ZM09 AC N 37C 109
A-A3D2
32 ZG04 AD N 16K 116
A-A3D2
26 ZD04 AA FR 04E 123
A-A3D2
THIS CSB
DECODE FORTY
- OUT GOOD PTY
AE
8 ZP09 A A 36Q 133
14 ZP11
20 ZJ05
74 ZB03
80 ZD05
2 ZG05 OD
8 ZP09
14 ZP11
20 ZJ05
26 ZD04
32 ZG04
38 ZM09
44 ZM11
50 ZM12
A-A3D2
DECODE 2 TO 7
CF
DCD 8
102 26Q 1 9
10 29P 206
109 26M 2 11 29Q 207
12 28N 208
116 27R 4 13 26R 209
14 28Q 210
123 26R 8 15 27N 211
A-A3D2
NEW
CSB SEL BIT 0
AF
80 ZD05 N J12*217
U
A-A3D2
OUTPUT 43
BA
207 -19F A 18F 303
56 ZM13
133 -23T
A-A3D2
OUTPUT 44
BB
208 -21M A 44E 338
56 ZM13
133 -23T
A-A3D2
OUTPUT 45
BC
209 -24M A 14K 345
56 ZM13
133 -23T
A-A3D2
OUTPUT 46
BD
210 -21Q A 11J 352
56 ZM13
133 -23T
A-A3D2
OUTPUT 47
BE
211 -24W A 23W 359
56 ZM13
133 -23T
A-A3D2
INPUT 43
BG
207 -34J A M08 366
62 ZS02 U09 367
133 -33H
A-A3D2
OUTPUT 42
AH
206 -24T A B11 373
56 ZM13
133 -23T
A-A3D2
INPUT 47
CC
211 -24R A J10 380
62 ZS02
133 -33H
A-A3D2
INPUT 46
CB
210 -29F A 29E 387
62 ZS02 U11 388
133 -33H
A-A3D2
LCC. TYPE
A-A3D2 7619
GATE
OUTPUT REG
CD
303 18F OR D12 404
338 44E
345 14K
352 11J
359 23W
A-A3D2
INPUT 45
CA
209 -34L A M07 413
62 ZS02
133 -33H
A-A3D2
INPUT 44
BH
208 -33K A P04 420
62 ZS02
133 -33H
A-A3D2
AG
26 ZD04 A 44Q 426
133 -43R
A-A3D2
ADAPTER I-O
DECODED EXIT
BF
68 ZS03 OE U06*433
426 -41F
A-A3D2
000 TA911
217 + NEW CSB SEL BIT 0 CL2
TA061 TB431
303 - OUTPUT 43 CONTROL GATE IN EC6
TA921
359 - OUTPUT 47 OUTPUT 34 TO 43 IN EL6
TA921
366 - INPUT ERROR REG TB151-FD6
420 - INPUT 0 TO 15 TA451-FF6
413 - INPUT 16 TO 31 TA451-FH6
387 - NOT INPUT 46 DISPLAY TA941-FK2
388 - INPUT 46 DISPLAY FK6
TA931 TB161
380 - INPUT 32 TO 45 TA451-FM6
433 + ADAPTER I-O DECODED EXIT FN6
TA051
373 - SAMPLE MOD BITS GA2
TB041 TB061
367 + INPUT ERROR REG TB GD2
338 - OUTPUT 44 OUTPUT 0 TO 15 IN GE2
TA921
345 - OUTPUT 45 OUTPUT 16 TO 23 IN GG2
TA921
352 - OUTPUT 46 OUTPUT 24 TO 33 IN GJ2
TA921
404 + GATE OUTPUT REG GL6
TB031 TB041 TB051
INPUT OUTPUT DECODE
E.C.-HISTORY B-TACH.27RNB
309518C
309539
FRAME 01
IBM CORP.SDD TA911
DATE LAST EC P.N. 1788263 000
TA911
000


000 TA921
+ SAMPLE OUTPUT DATA — TA031 BK5 — 2
+ RESET — TA031 BL6 — 6
- FETCH BUFFER — TA041 BD4 — 10
+ CSB WANTS A PRI REG — TA611 EC2 — 14
- OUTPUT 43 CONTROL GATE IN — TA911 EC5 — 18
- OUTPUT 47 OUTPUT 34 TO 43 IN — TA911 EL6 — 22
- OUTPUT 44 OUTPUT 0 TO 15 IN — TA911 GE2 — 26
- OUTPUT 45 OUTPUT 16 TO 23 IN — TA911 GG2 — 30
- OUTPUT 46 OUTPUT 24 TO 33 IN — TA911 GJ2 — 34
+ 2ND HALF DELAYED — TA931 AB6 — 38
+ GATED BIT SERVICE — TA931 AL2 — 42
- T0 — TA931 BC6 — 46
- W1R2 — TA941 BF6 — 50
- R1 — TA941 DB6 — 54
- W1 — TA941 DE6 — 58
- M21 — TA941 DH6 — 62
- W2 — TA941 DM6 — 66
- CSB TIME — TA941 FE2 — 70
- RIT2 — TA941 FL6 — 74
+ DISABLE OR SEL LIB RESET — TB141 DC2 — 78
END OF CSB
2 ZM13 A 04C 103
54 ZG08
A-A3D2
SHORT POR POWERED
6 ZM04 AR G10 118
A-A3D2
OUTPUT 43
103 -17T
313 -16T
118 -G10
46 ZJ04
50 ZU04
A-A3D2
FLA M03 203
OUTPUT 44
103 -13W
331 -13V
118 -G10
46 ZJ04
50 ZU04
A-A3D2
FLA J13 224
OUTPUT 45
103 -11U
345 -11V
118 -G10
46 ZJ04
50 ZU04
A-A3D2
FLA P02 238
OUTPUT 46
103 -37T
359 -36T
118 -G10
46 ZJ04
50 ZU04
A-A3D2
FLA G13 252
OUTPUT 47
103 -24C
373 -23C
118 -G10
46 ZJ04
50 ZU04
A-A3D2
FL 24E 266
P07 268
14 ZB13 OR 27F 186
42 -26E
78 ZP05
A-A3D2
OUTPUT 43-47
14 ZB13 OR 14N 303
203 ZM03
224 ZJ13
238 ZP02
252 ZG13
266 -38R
A-A3D2
OUTPUT 43 SYNC
18 -18V
118 -G10
70 ZU03
203 ZM03
A-A3D2
AR FLA 19U 313
OUTPUT 44 SYNC
26 -16V
118 -G10
70 ZU03
224 ZJ13
A-A3D2
AR FLA 16W 331
OUTPUT 45 SYNC
30 -11T
118 -G10
70 ZU03
238 ZP02
A-A3D2
AR FLA 14T 345
OUTPUT 46 SYNC
34 -38V
118 -G10
70 ZU03
252 ZG13
A-A3D2
AR FLA 39U 359
OUTPUT 47 SYNC
22 -36V
118 -G10
70 ZU03
268 ZP07
A-A3D2
AR FLA 36W 373
10 ZD13 OR 02H 402
303 -14M
A-A3D2
WRITE A
38 ZG12 A OR B02 480
58 ZM02 G09 481
303 -28Q D02 482
38 ZG12 A B05 483
66 ZG07
186 -16Q
A-A3D2
SAMPLE BAR PARITY
62 ZJ02 AR OR D05 504
74 -01L A
402 -02L
A-A3D2
118 + SHORT POR POWERED — BL2
TB111 TB141
203 - OUTPUT 43 CONTROL GATE — CA6
TB061 TB111 TB141
224 - OUTPUT 44 OUTPUT 0 TO 15 — CC6
TA121 TA131 TA141 TA731
238 - OUTPUT 45 OUTPUT 16 TO 23 — CE6
TA111 TA831 TA861
252 - OUTPUT 46 OUTPUT 24 TO 33 — CG6
TA211 TB021
268 - OUTPUT 47 OUTPUT 34 TO 43 — CJ6
TA641 TB021
504 - SAMPLE BAR PARITY — TA651-DN2
480 - WRITE A — FG2
TA511 TA515
481 - WRITE C — FJ2
TA545 TA551
482 - WRITE B — GG2
TA521 TA525
483 - WRITE D — GJ2
TA555 TA561
LOC. TYPE
A-A3D2 7619
IW OUTPUT REMEMBER LATCHES
E.C. HISTORY
309518C
309539
309545
DATE LAST EC
07-31-72 309940
MACH.27RNB
FRAME 01
IBM CORP. SDD
P.N. 1788264
TA921
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TA921
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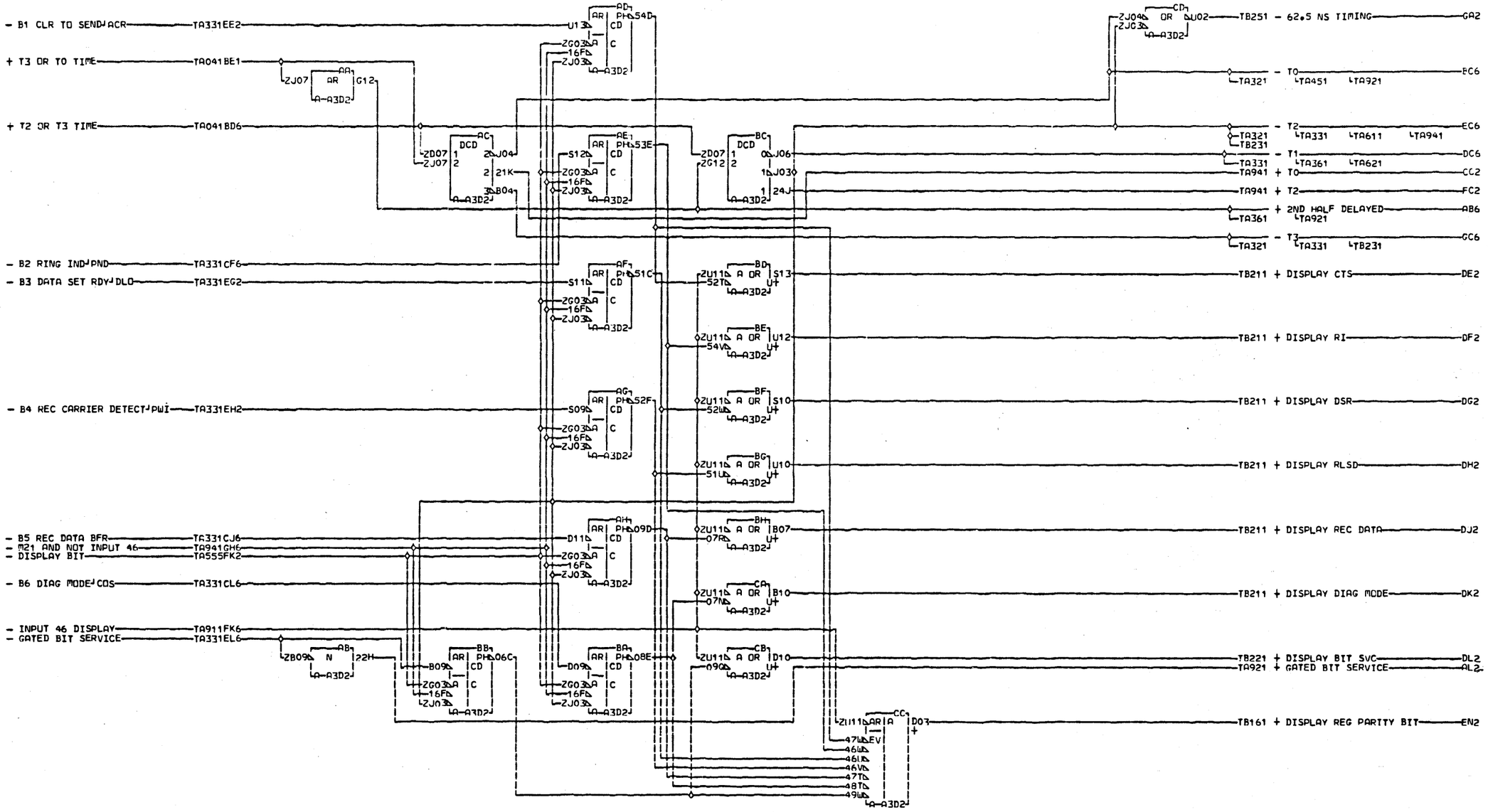
030 TA931



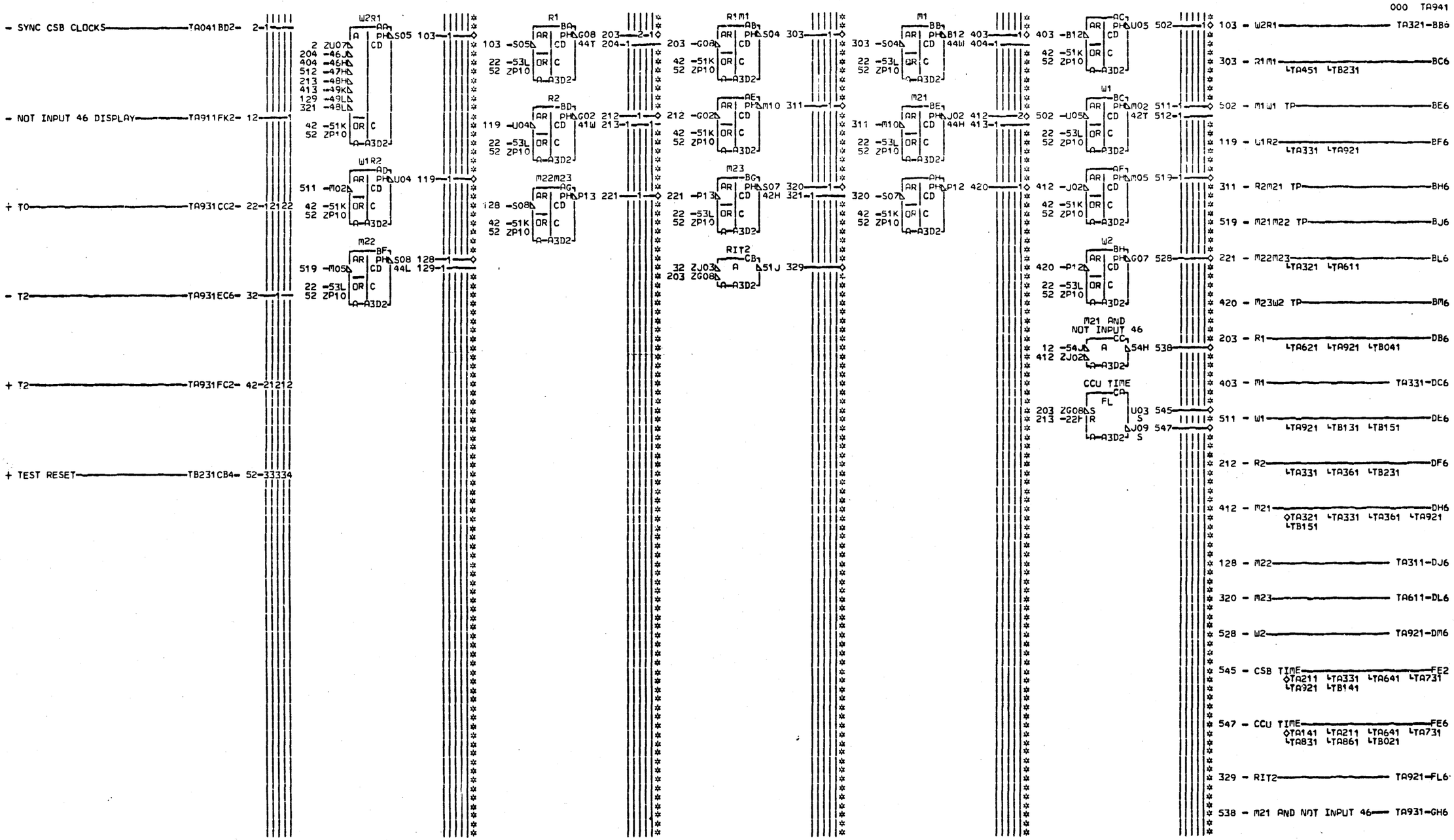
THIS PAGE IS FOR 3705-II ONLY.

T A 9 3 1

030 SIM TO PN 1788265 EC 311283

LOC. TYPE
A-A3D2 7619

DISPLAY REG		
F.C.-HISTORY	C. MACH.27RNB	T A 9 3 1
314403	FRAME 01	
	IBM CORP. SDD	
DATE LAST EC 05-20-76 314419	P.N. 1750077	030



CSB CLOCK

E.C. HISTORY: 309518C, 309539, 309545

DATE LAST EC: 07-31-72 309940

MACH.27RNB

FRAME 01

IBM CORP. SDD

P.N. 1788266

TA941 000

- NEW SCF 5 — TA141EC6 — 2
- XMT DATA — TA311AB6 — 6
- CSB DATA OUT 7 IF 1 — TA311FK2 — 10
- B5 REC DATA BFR — TA331CJ6 — 14
- GATED BIT SERVICE — TA331EL6 — 18
- SDLC CTR BIT 0 — TA555FB2 — 22
- SDLC CTR BIT 1 — TA555FD2 — 26
- SDLC CTR BIT 2 — TA555FF2 — 30
- LAST LINE STATE — TA555FH2 — 34
+ SET PCF STATE 5 FROM C — TA821DJ2 — 38
- SDLC — TA831BN6 — 42
- NEW NRZI MODE — TB021EE6 — 46
- PCF 6 OR 7 *FRAMED — TB051BN6 — 50
+ SDLC BIT 0 — TB061CB2 — 55
+ PCF 2 — TB061CF2 — 59
+ SDLC BIT 1 — TB061DB2 — 63
+ PCF 1 — TB061DF2 — 67
- PCF 1 POWERED — TB061DF6 — 71
+ SDLC BIT 2 — TB061EB2 — 75
+ PCF 0 — TB061EF2 — 79
- PCF 0 POWERED — TB061EF6 — 83

TRANSMIT AC: 67 -12C, 83 ZB11 | OR | A | ZP09 103 — 11
TRANSMIT 0 AA: 42 ZM13, 224 -21K, 503 -33W | 103 ZP09, 123 -31L, 203 -31T | OR | A — 112 — 2
SDLC BIT TIME AD: 18 ZM07, 42 ZM13 | A | 44Q 123 — 24
RECEIVE AE: 71 ZM10, 79 -36N | A | 36P 129 — 1

TRANSMIT 1 BIT AH: 6 ZM09, 103 ZP09 | A | 37C 203 — 1
SDLC 2 GATE BF: 30 ZP03, 112 | A | 26D 209 — 1
RECEIVE 1 BIT BA: 14 ZP06 | A | 32H 215 — 1
TRANS ICW 5 AF: 2 ZM04 | A | 32L 224 — 1

BB: 203 36F, 215 37F | OR | 36E 302 — 1
CARRY CA: 209 36G, 532 38Q | A | 36R 308 — 1

COUNTER 7 AB: 22 ZM03, 26 ZG13, 30 ZP03 | A | 23L 173 — 2

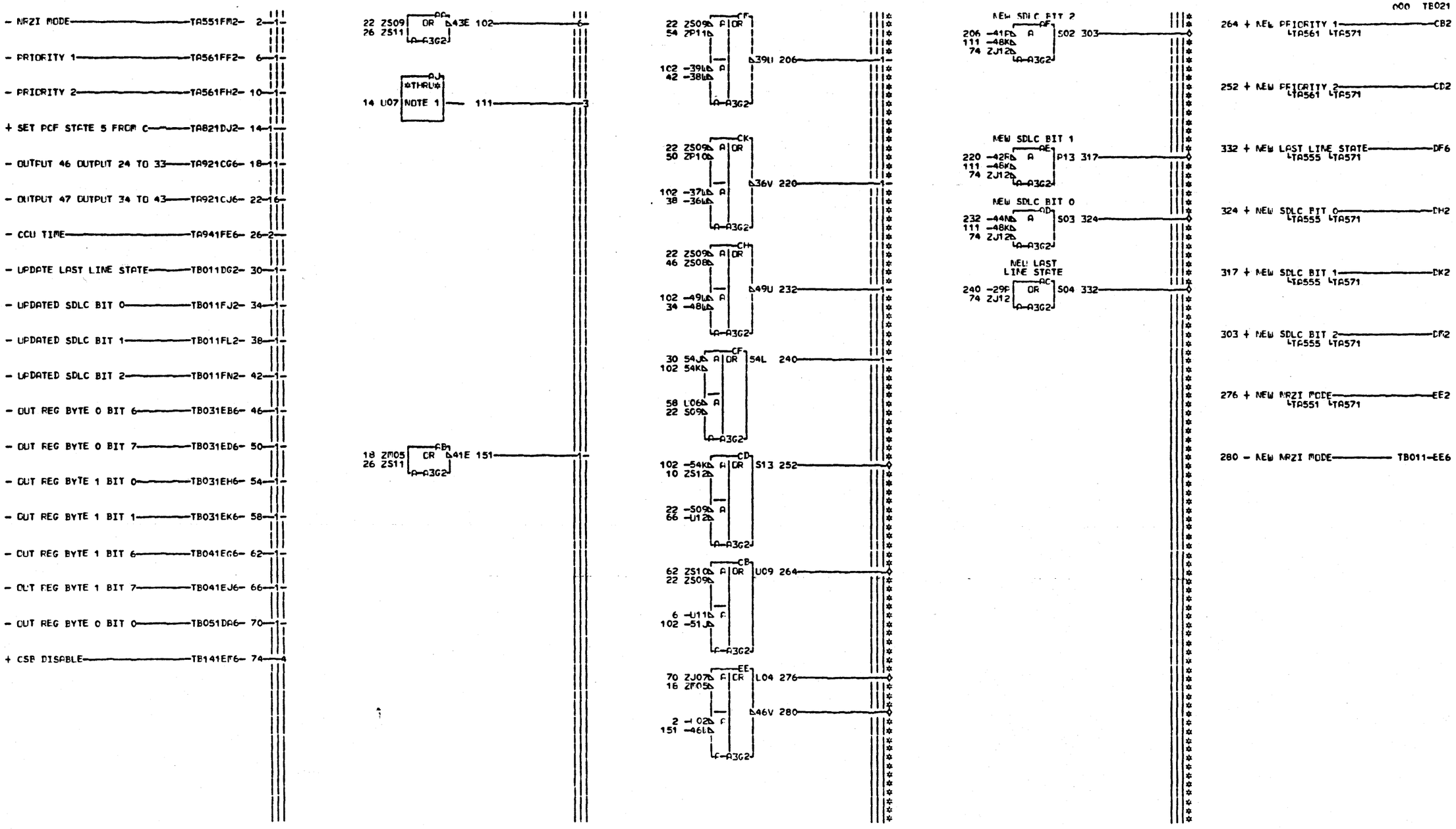
NRZI 0 BG: 34 ZM12, 302 -36H | OE | 36J 403 — 3
CARRY BH: 543 38N, 308 39P | A | 39N 409 — 1
UPDATE LAST LINE STATE BC: 38 ZU07, 46 -47J, 215 -46J | OR | OR | 46L 416
34 ZM12, 123 -44Q | A
10 ZD02, 103 ZP09, 123 -31L | A

RECEIVE TRUE 0 CC: 123 34H, 129 31H, 403 34L | A | 33L 503 — 1
CNTR OUT 0 CD: 549 38H, 409 39H | OE | 39J 510
COUNTER NOT 0 ADD 1 CB: 123 38R | AR | A | 39Q 532 — 1
55 26C, 63 27C, 75 28C, 224 31W, 503 33L | OR | A
SDLC 1 GATE BE: 26 ZG13, 112 | A | 24H 543 — 1
SDLC 0 GATE BD: 22 ZM03, 112 | A | 28F 549 — 1
CNTR OUT 1 CE: 543 37L, 308 36L | OE | 36K 555
CNTR OUT 2 CF: 209 39L, 532 38L | OE | 39K 561
RECEIVE TRUE 1 DA: 50 03K, 123 04J, 403 52C | A | 04K 567
ABORT DETECT CG: 173 18F, 567 04K | A | G12 574
FRAME DETECT AG: 173 38F, 503 39F | A | M11 580, P12 581
SEND DATA 1 CH: 103 ZP09, 123 -31L, 403 -52C | A | B03 587

103 - TRANSMIT STATE — BC6 — TA261 TA311 TA361 TB051
123 - SDLC BIT TIME — TB051-BE6
129 - PCF RECEIVE STATE — TB051-BG6
580 + SDLC FRAME DETECT — CA2 — TA111 TA141 TA261 TA711 TA841
581 - SDLC FRAME DETECT — TA821-CA6
416 - LPDATE LAST LINE STATE — TB021-DG2
587 - NRZI XMT DATA — TA311-FA2
503 - RECEIVE 0 NRZI — TB051-FE6
510 - UPDATED SDLC BIT 0 — TB021-FJ2
555 - UPDATED SDLC BIT 1 — TB021-FL2
561 - UPDATED SDLC BIT 2 — TB021-FN2
574 + SDLC ABORT DETECT — TA121-GA2
567 + RECEIVE NRZI DATA — TB051-GE2

LOC. TYPE
A-A3G2 7620

ONES COUNTER AND LAST LINE STATE
-E.C.-HISTORY-C- FACH.27RNB
309518C
309539
309545
309936
DATE LAST EC
01-03-75 311283
FRAME 01
IBM CORP.SDD
P.N. 1788267
TB011
000

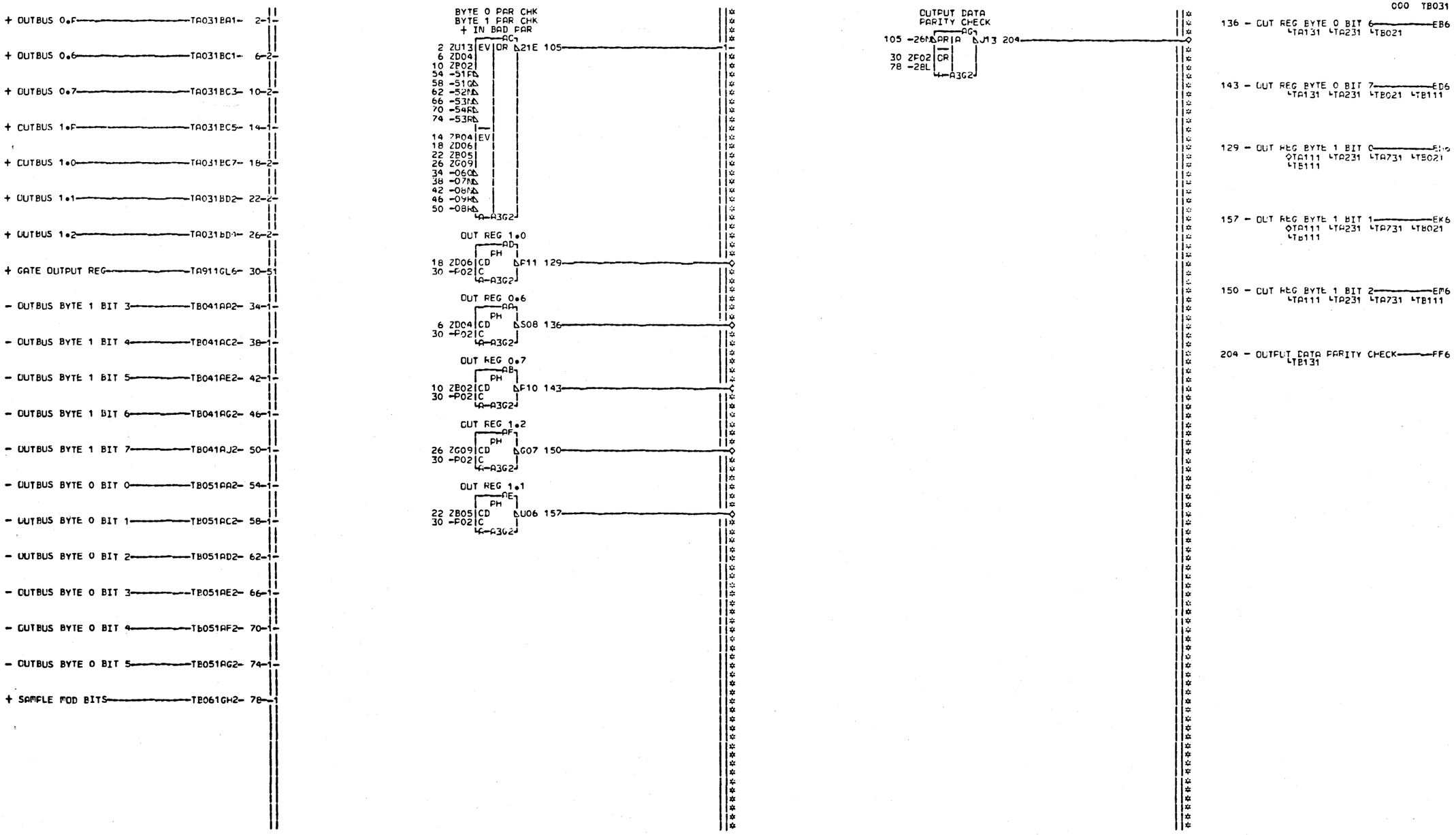


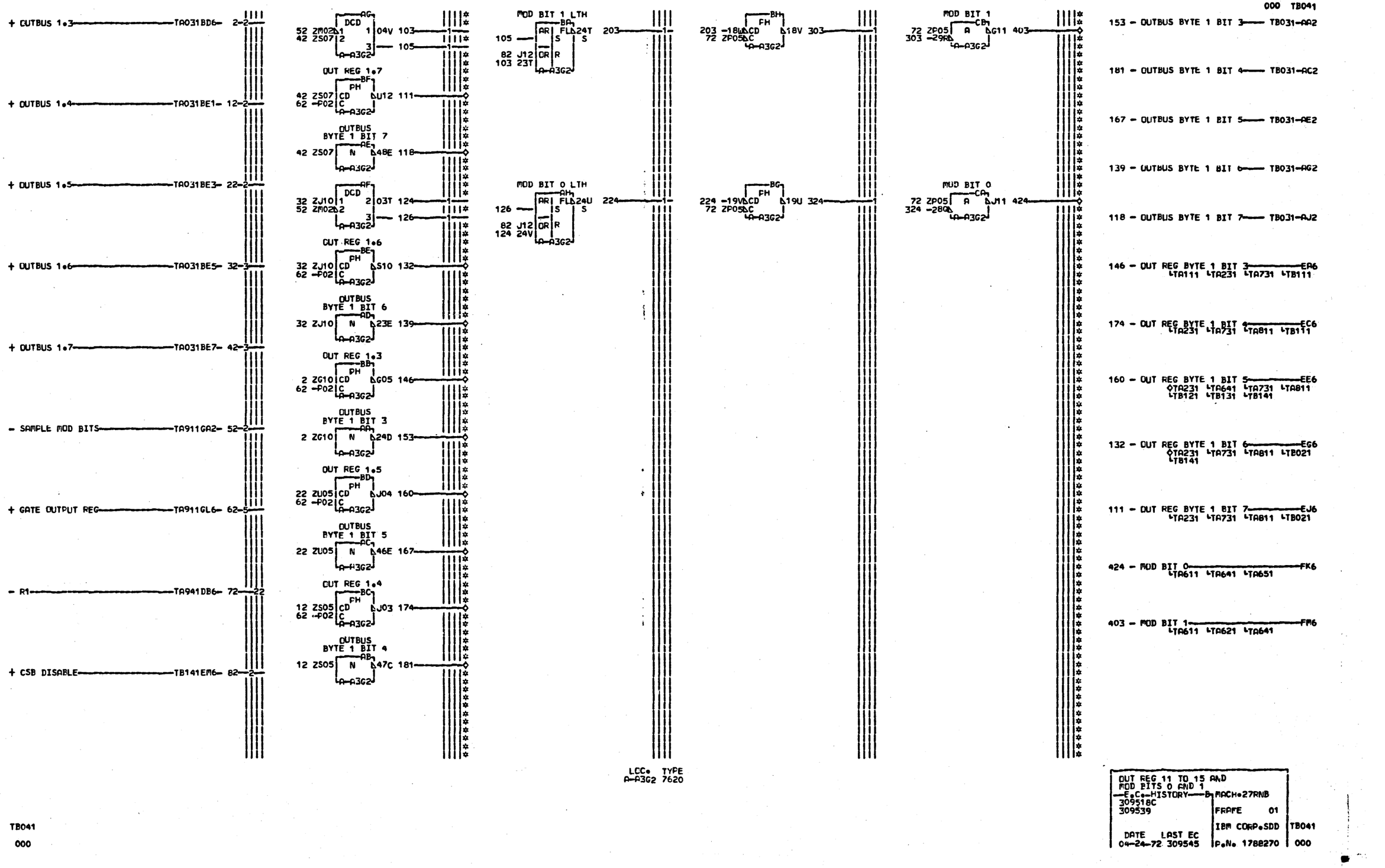
NOTE 1
THRU CONN VS CARD PN
THRU CPEN PN 8218952
THRU CONN PN 8250147

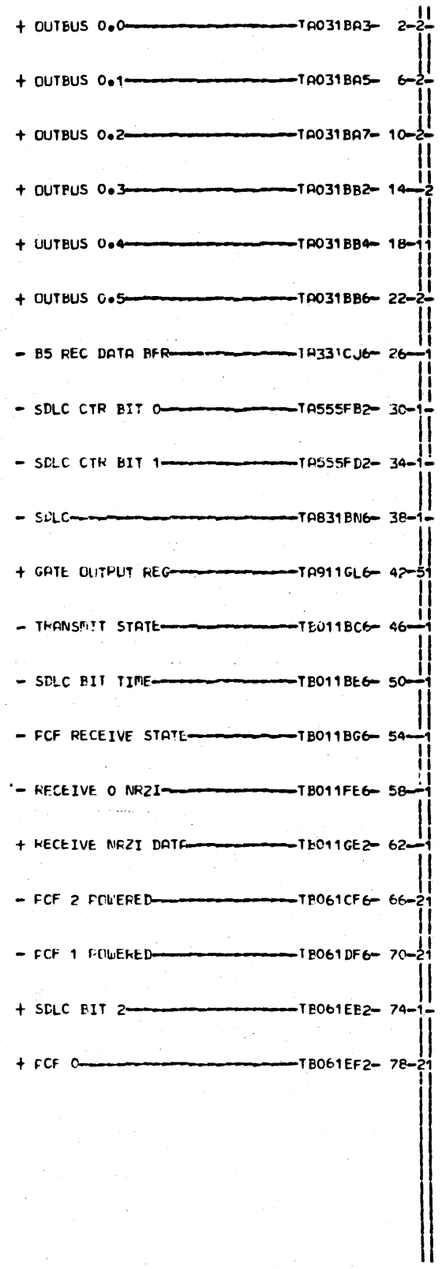
LOC. TYPE
A-A3G2 7620

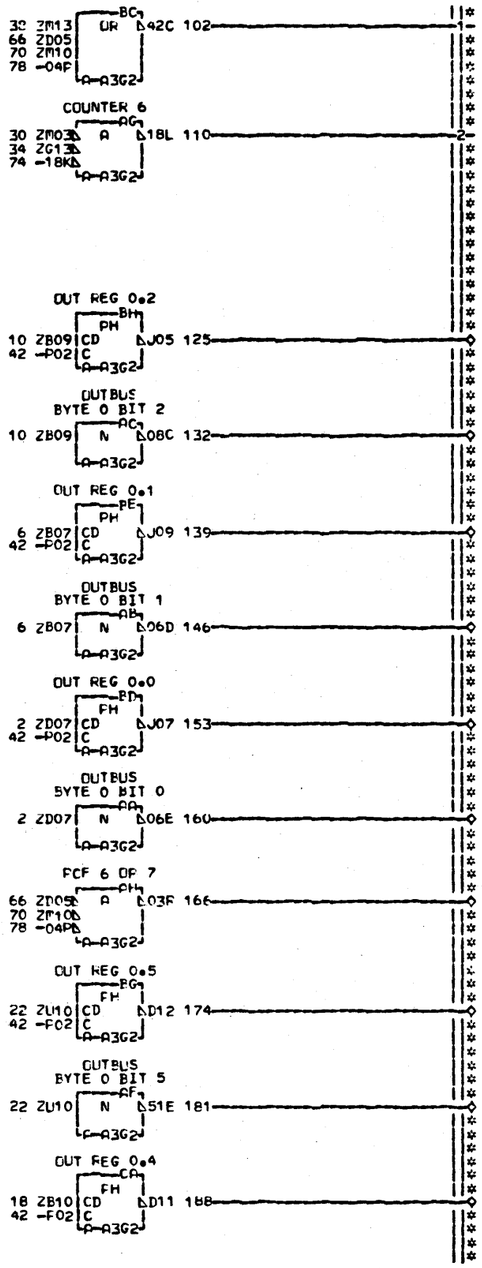
PRIORITY AND LAST LINE STATE AND SDLC ONES COUNTER UPDATE
E.C.+ISTORY FACM.27RAB
309518C
309539
309545
DATE LAST EC
11-21-75 314410
FRAME 01
IBM CORP.SDD TB021
P.N. 1788268 000

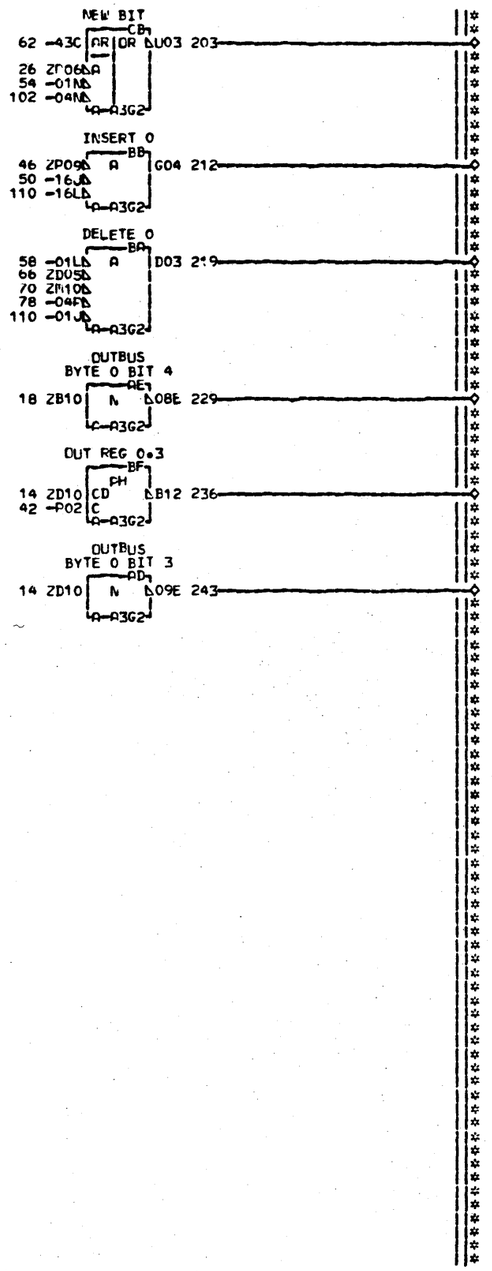
TB021
000


+ OUTBUS 0.F — TA031BA1 — 2-1
+ OUTBUS 0.6 — TA031BC1 — 6-2
+ OUTBUS 0.7 — TA031BC3 — 10-2
+ OUTBUS 1.F — TA031BC5 — 14-1
+ OUTBUS 1.0 — TA031BC7 — 18-2
+ OUTBUS 1.1 — TA031BD2 — 22-2
+ OUTBUS 1.2 — TA031BD4 — 26-2
+ GATE OUTPUT REG — TA911GL6 — 30-51
- OUTBUS BYTE 1 BIT 3 — TB041AA2 — 34-1
- OUTBUS BYTE 1 BIT 4 — TB041AC2 — 38-1
- OUTBUS BYTE 1 BIT 5 — TB041AE2 — 42-1
- OUTBUS BYTE 1 BIT 6 — TB041AG2 — 46-1
- OUTBUS BYTE 1 BIT 7 — TB041AJ2 — 50-1
- OUTBUS BYTE 0 BIT 0 — TB051AA2 — 54-1
- OUTBUS BYTE 0 BIT 1 — TB051AC2 — 58-1
- OUTBUS BYTE 0 BIT 2 — TB051AD2 — 62-1
- OUTBUS BYTE 0 BIT 3 — TB051AE2 — 66-1
- OUTBUS BYTE 0 BIT 4 — TB051AF2 — 70-1
- OUTBUS BYTE 0 BIT 5 — TB051AG2 — 74-1
+ SAMPLE MOD BITS — TB061GH2 — 78-1
BYTE 0 PAR CHK
BYTE 1 PAR CHK
+ IN BAD PAR
AC
2 ZU13 EV
6 ZD04
10 ZP02
54 -51R
58 -51Q
62 -52N
66 -53N
70 -54R
74 -53R
14 ZP04 EV
18 ZD06
22 ZB05
26 ZG09
34 -06Q
38 -07N
42 -08N
46 -09N
50 -08R
A-A3G2
OR
21E 105
OUT REG 1.0
AD
PH
18 ZD06 CD
30 -P02 C
A-A3G2
F11 129
OUT REG 0.6
AA
PH
6 ZD04 CD
30 -P02 C
A-A3G2
S08 136
OUT REG 0.7
AB
PH
10 ZB02 CD
30 -P02 C
A-A3G2
F10 143
OUT REG 1.2
AF
PH
26 ZG09 CD
30 -P02 C
A-A3G2
G07 150
OUT REG 1.1
AE
PH
22 ZB05 CD
30 -P02 C
A-A3G2
U06 157
LOC. TYPE
A-A3G2 7620
OUTPUT DATA
PARITY CHECK
AG
105 -26N
30 ZP02 CR
78 -28L
A-A3G2
A
J13 204
000 TB031
136 - OUT REG BYTE 0 BIT 6 — EB6
TA131 TA231 TB021
143 - OUT REG BYTE 0 BIT 7 — ED6
TA131 TA231 TB021 TB111
129 - OUT REG BYTE 1 BIT 0 — EH6
TA111 TA231 TA731 TB021
TB111
157 - OUT REG BYTE 1 BIT 1 — EK6
TA111 TA231 TA731 TB021
TB111
150 - OUT REG BYTE 1 BIT 2 — EM6
TA111 TA231 TA731 TB111
204 - OUTPUT DATA PARITY CHECK — FF6
TB131
TB031
000
OUT REG 6 TO 10
E.C. HISTORY
309518C
B1 MACH.27RNB
FRAME 01
IBM CORP. SDD
DATE LAST EC
04-24-72 309545
P.N. 1788269
TB031
000


+ OUTBUS 1•3 TA031BD6- 2-2
+ OUTBUS 1•4 TA031BE1- 12-2
+ OUTBUS 1•5 TA031BE3- 22-2
+ OUTBUS 1•6 TA031BE5- 32-3
+ OUTBUS 1•7 TA031BE7- 42-3
- SAMPLE MOD BITS TA911GA2- 52-2
+ GATE OUTPUT REG TA911GL6- 62-5
- R1 TA941DB6- 72-22
+ CSB DISABLE TB141EM6- 82-2
52 ZM02 42 ZS07 DCD AG 1 2 3 A-A3G2 04V 103
OUT REG 1•7 42 ZS07 62 -P02 PH BF C A-A3G2 U12 111
OUTBUS BYTE 1 BIT 7 42 ZS07 N AE A-A3G2 48E 118
32 ZJ10 52 ZM02 DCD AF 1 2 3 A-A3G2 03T 124
OUT REG 1•6 32 ZJ10 62 -P02 PH BE CD C A-A3G2 S10 132
OUTBUS BYTE 1 BIT 6 32 ZJ10 N AD A-A3G2 23E 139
OUT REG 1•3 2 ZG10 62 -P02 PH BB CD C A-A3G2 G05 146
OUTBUS BYTE 1 BIT 3 2 ZG10 N AA A-A3G2 24D 153
OUT REG 1•5 22 ZU05 62 -P02 PH BD CD C A-A3G2 J04 160
OUTBUS BYTE 1 BIT 5 22 ZU05 N AC A-A3G2 46E 167
OUT REG 1•4 12 ZS05 62 -P02 PH BC CD C A-A3G2 J03 174
OUTBUS BYTE 1 BIT 4 12 ZS05 N AB A-A3G2 47C 181
MOD BIT 1 LTH 105 82 J12 103 23T AR BA FL S 24T S QR R A-A3G2 203
MOD BIT 0 LTH 126 82 J12 124 24V AR AH FL S 24U S QR R A-A3G2 224
203 -18V 72 ZP05 FH BH CD C A-A3G2 18V 303
224 -19V 72 ZP05 FH BG CD C A-A3G2 19U 324
MOD BIT 1 72 ZP05 303 -29R A CB A-A3G2 G11 403
MOD BIT 0 72 ZP05 324 -28Q A CA A-A3G2 J11 424
000 TB041
153 - OUTBUS BYTE 1 BIT 3 TB031-AA2
181 - OUTBUS BYTE 1 BIT 4 TB031-AC2
167 - OUTBUS BYTE 1 BIT 5 TB031-AE2
139 - OUTBUS BYTE 1 BIT 6 TB031-AG2
118 - OUTBUS BYTE 1 BIT 7 TB031-AJ2
146 - OUT REG BYTE 1 BIT 3 EA6
TA111 TA231 TA731 TB111
174 - OUT REG BYTE 1 BIT 4 EC6
TA231 TA731 TA811 TB111
160 - OUT REG BYTE 1 BIT 5 EE6
TA231 TA641 TA731 TA811
TB121 TB131 TB141
132 - OUT REG BYTE 1 BIT 6 EG6
TA231 TA731 TA811 TB021
TB141
111 - OUT REG BYTE 1 BIT 7 EJ6
TA231 TA731 TA811 TB021
424 - MOD BIT 0 FK6
TA611 TA641 TA651
403 - MOD BIT 1 FM6
TA611 TA621 TA641
LCC• TYPE
A-A3G2 7620
OUT REG 11 TO 15 AND
MOD BITS 0 AND 1
E•C• HISTORY
309518C
309539
DATE LAST EC
04-24-72 309545
MACH•27RNB
FRAME 01
IBM CORP•SDD
P•N• 1788270
TB041
000
TB041
000







OCO TB051

160 - OUTBUS BYTE 0 BIT 0 — TB031-AA2

146 - OUTBUS BYTE 0 BIT 1 — TB031-AC2

132 - OUTBUS BYTE 0 BIT 2 — TB031-AD2

243 - OUTBUS BYTE 0 BIT 3 — TB031-AE2

229 - OUTBUS BYTE 0 BIT 4 — TB031-AF2

181 - OUTBUS BYTE 0 BIT 5 — TB031-AG2

166 - PCF 6 OR 7 — TB011-BN6

219 + DELETE 0 — CJ2
└TA211 └TA261

212 + INSERT 0 — CL2
└TA211 └TA261 └TA311

153 - OUT REG BYTE 0 BIT 0 — DA6
└TA121 └TB021 └TB061 └TB111

139 - OUT REG BYTE 0 BIT 1 — DC6
└TA121 └TB111 └TB141

236 - OUT REG BYTE 0 BIT 3 — TA131-DE6

174 - OUT REG BYTE 0 BIT 5 — TA141-DG6

125 - OUT REG BYTE 0 BIT 2 — ED6
└TA121 └TB061

188 SIGNAL NOT USED — EF6

203 - NEW BIT — EN2
└TA221 └TA711 └TA721

OUT REG 0 TO 5 AND NEW BIT

E.C. HISTORY — By MACH.27RNB
309518C
309539

FRAME 01

IBM CORP.SDD

TB051

DATE LAST EC
04-24-72 309545

P.N. 1788271

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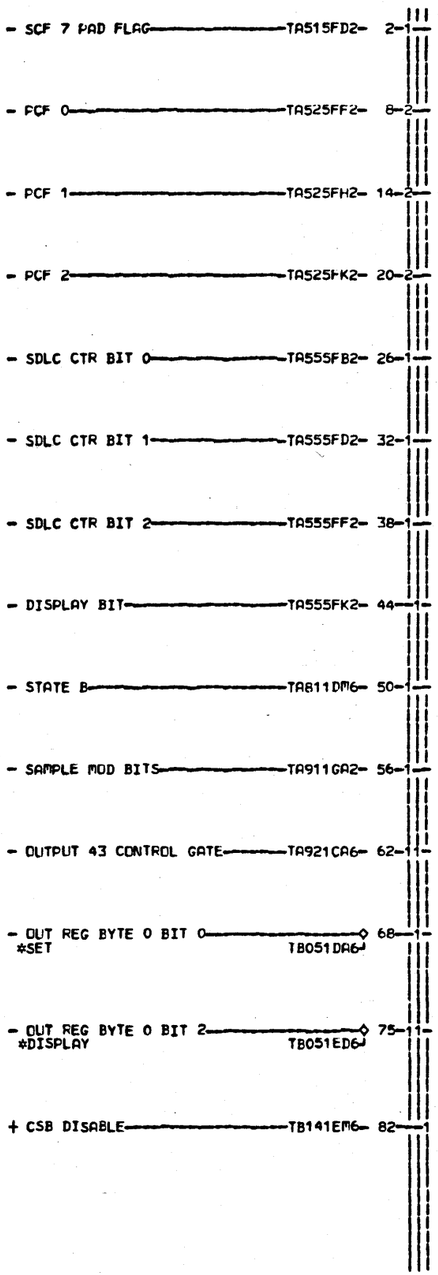
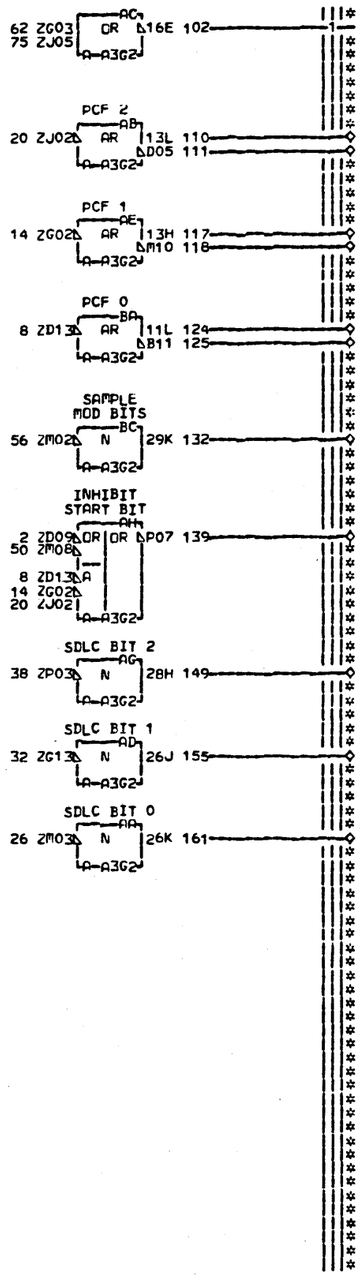
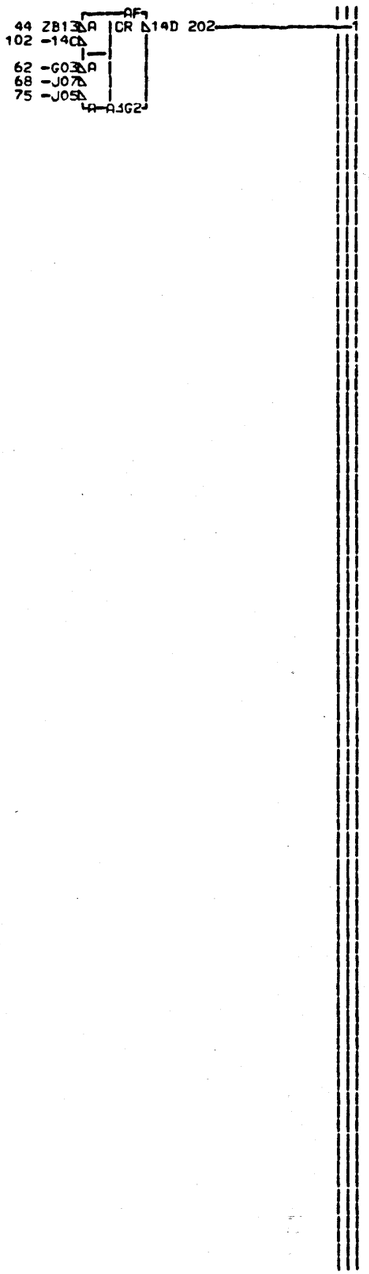
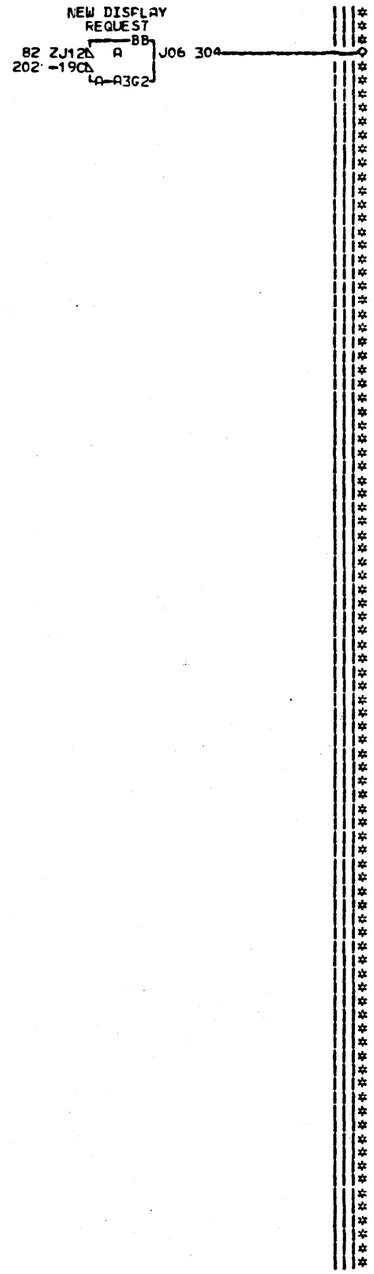








000 TB061

161 + SDLC BIT 0 TB011-CB2

110 + PCF 2 TB011-CF2

111 - PCF 2 POWERED CF6
TA211 TA221 TA251 TB051

155 + SDLC BIT 1 TB011-DB2

117 + PCF 1 TB011-DF2

118 - PCF 1 POWERED DF6
TA211 TA221 TA251 TB011
TB051

149 + SDLC BIT 2 EB2
TB011 TB051

139 - INHIBIT START BIT TA311-ED2

124 + PCF 0 EF2
TB011 TB051

125 - PCF 0 POWERED EF6
TA211 TA251 TB011

304 + NEW DISPLAY REQUEST EL2
TA555 TA571

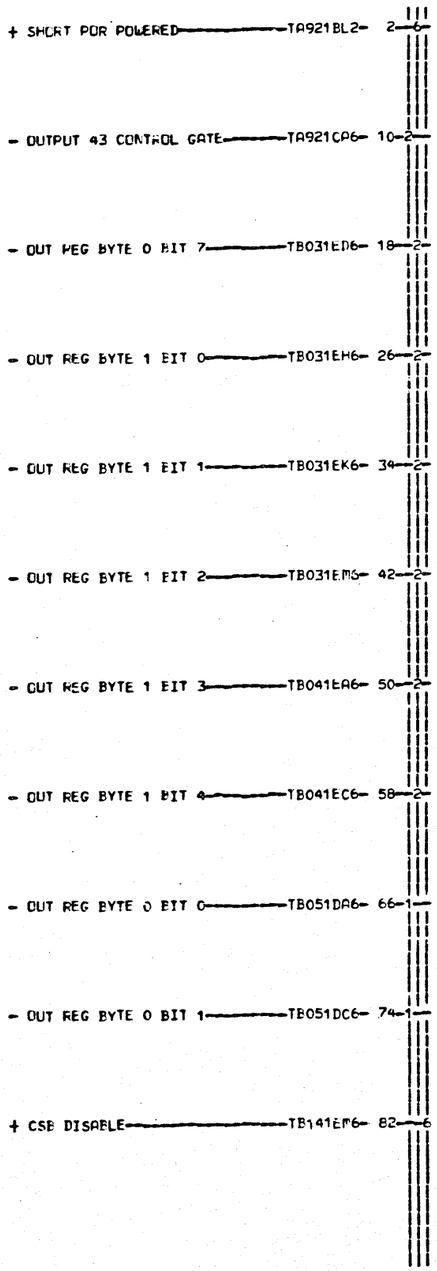
132 + SAMPLE MOD BITS TB031-GH2

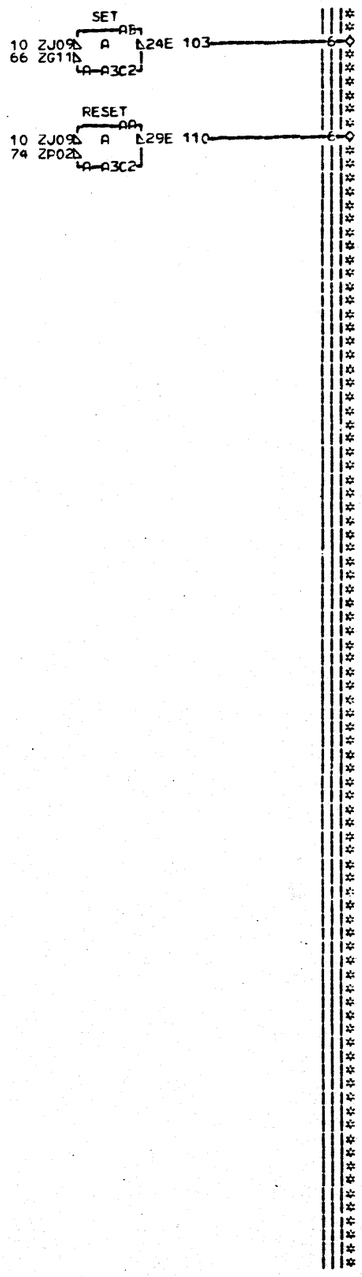
LOC. TYPE
A-A3G2 7620

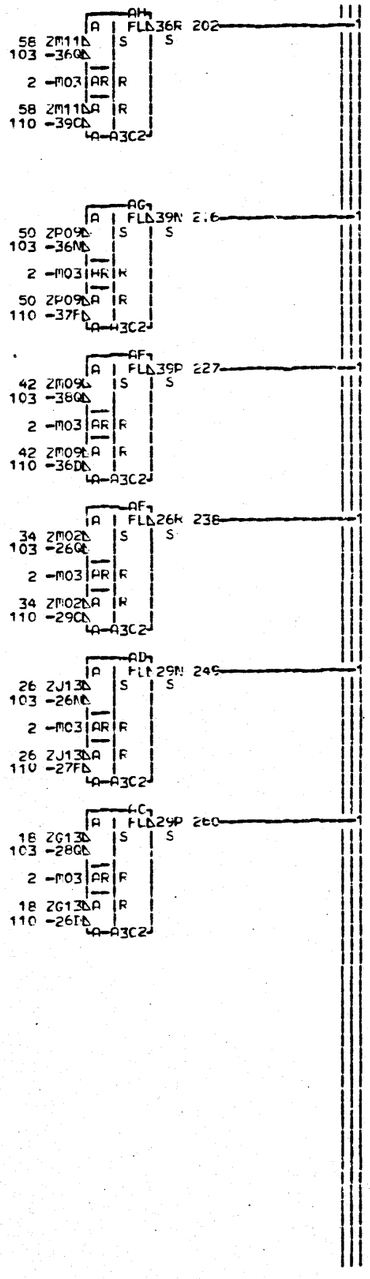
ENTRY PAGE AND DISPLAY REQUEST

E.C.-HISTORY B MACH.27 RNB
309518C
309539
FRAME 01
IBM CORP. SDD TB061
DATE LAST EC
04-24-72 309545
P.N. 1788272 000

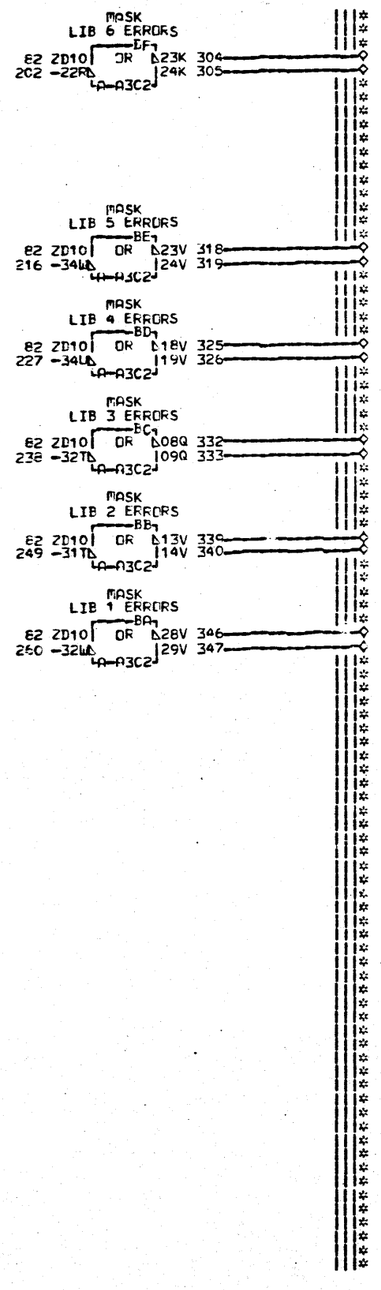
TB061
000







LOC. TYPE
A-A3C2 7621



000 TB111

110 - RESET — TB141-AC6

103 - SET — BA6
└TB121 └TB131 └TB141

346 - MASK LIB 1 ERRORS — TB141-FB2

347 + MASK LIB 1 ERRORS — TB121-FB6

339 - MASK LIB 2 ERRORS — TB141-FD2

340 + MASK LIB 2 ERRORS — TB121-FD6

332 - MASK LIB 3 ERRORS — TB141-FF2

333 + MASK LIB 3 ERRORS — TB121-FF6

325 - MASK LIB 4 ERRORS — TB141-FH2

326 + MASK LIB 4 ERRORS — TB121-FH6

318 - MASK LIB 5 ERRORS — TB141-FK2

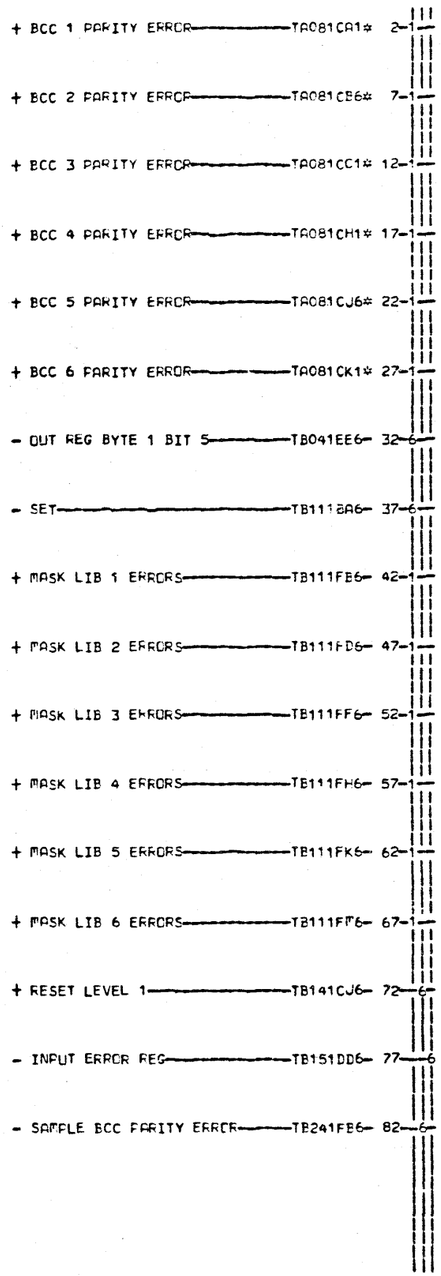
319 + MASK LIB 5 ERRORS — TB121-FK6

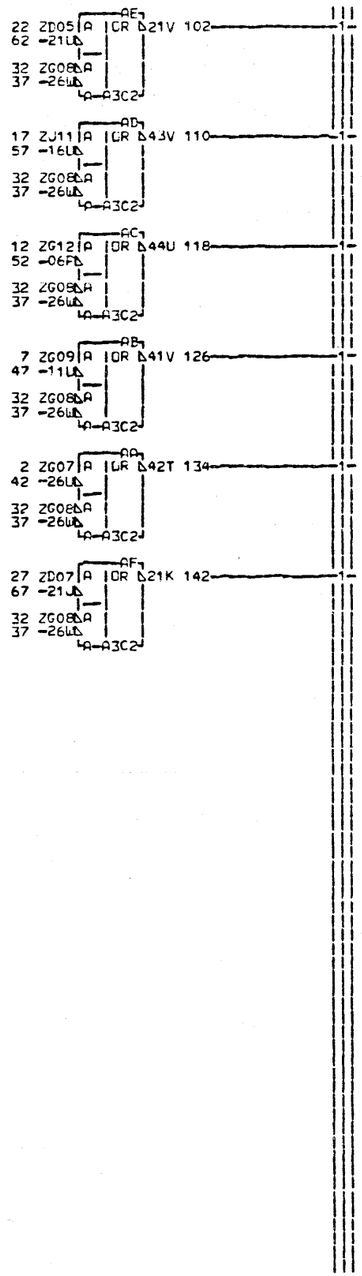
304 - MASK LIB 6 ERRORS — TB141-FM2

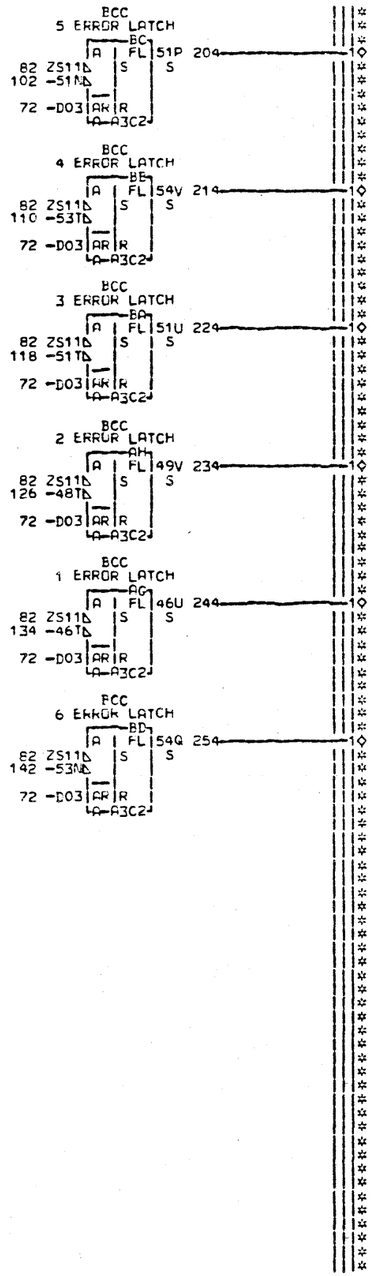
305 + MASK LIB 6 ERRORS — TB121-FM6

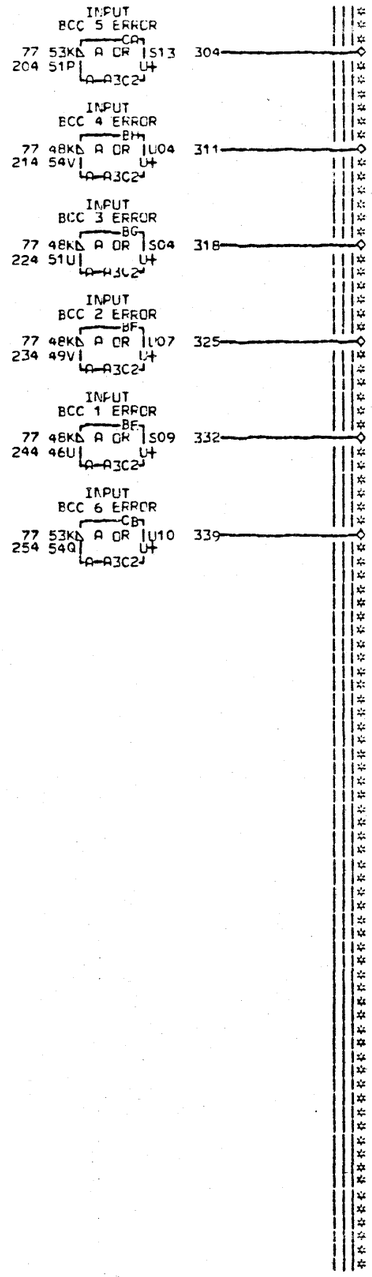
MASK LIB ERRORS

E.C.-HISTORY	B	MACH.27RNB	
30951EC			
309539		FRAME 01	
		IBM CORP.SDD	TB111
DATE LAST EC		P.N. 1788273	000
04-24-72 309545			









214 + BCC 1 ERROR LATCH FB2
TC141 TB161

234 + BCC 2 ERROR LATCH FD2
TB141 TB161

224 + BCC 3 ERROR LATCH FF2
TB141 TB161

214 + BCC 4 ERROR LATCH FH2
TB141 TB161

204 + BCC 5 ERROR LATCH FK2
TB141 TB161

254 + BCC 6 ERROR LATCH FM2
TB141 TB161

332 + INPUT BCC 1 ERROR TB211-GB2

325 + INPUT BCC 2 ERROR TB211-GD2

318 + INPUT BCC 3 ERROR TB211-GF2

311 + INPUT BCC 4 ERROR TB211-GH2

304 + INPUT BCC 5 ERROR TB211-GK2

339 + INPUT BCC 6 ERROR TB211-GM2

EDGE CONN.
2 RESISTOR A-A3C2G07
7 RESISTOR A-A3C2G09
12 RESISTOR A-A3C2G12
17 RESISTOR A-A3C2J11
22 RESISTOR A-A3C2D05
27 RESISTOR A-A3C2D07

LOC. TYPE
A-A3C2 7621

BCC ERRORS
ENG. HISTORY — BRANCH=27RAB
309518C
309539
FRAME 01
IBM CORP. SDD TB121
DATE LAST EC
04-24-72 309545
P.N. 1788274 000

TB121
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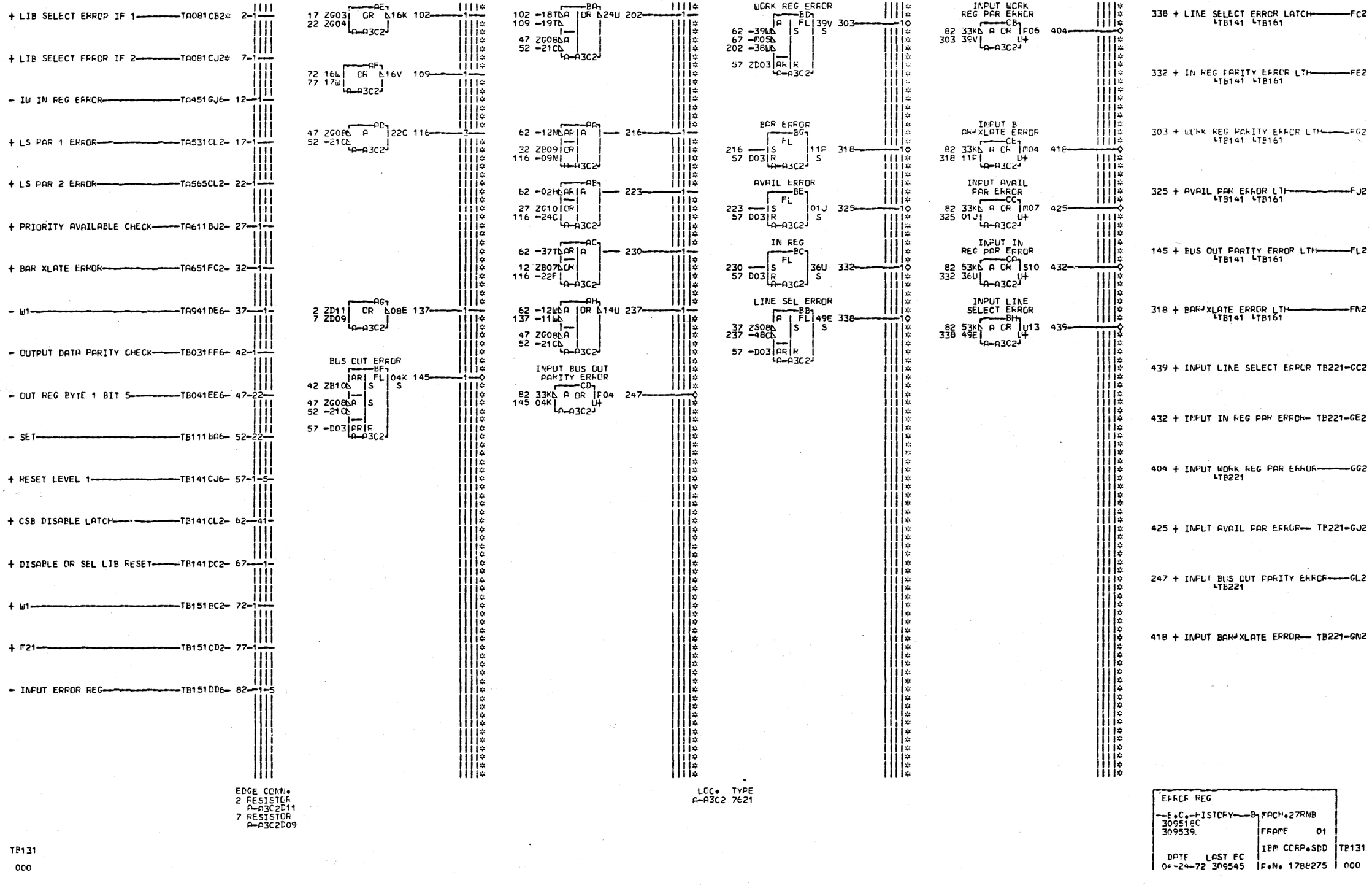

+ LIB SELECT ERROR IF 1 TA081CB2 2
+ LIB SELECT ERROR IF 2 TA081CJ2 7
- IW IN REG ERROR TA451GJ6 12
+ LS PAR 1 ERROR TA531CL2 17
+ LS PAR 2 ERROR TA565CL2 22
+ PRIORITY AVAILABLE CHECK TA611BJ2 27
+ BAR XLATE ERROR TA651FC2 32
- W1 TA941DE6 37
- OUTPUT DATA PARITY CHECK TB031FF6 42
- OUT REG BYTE 1 BIT 5 TB041EE6 47
- SET TB111BA6 52
+ RESET LEVEL 1 TB141CJ6 57
+ CSB DISABLE LATCH TB141CL2 62
+ DISABLE OR SEL LIB RESET TB141DC2 67
+ W1 TB151BC2 72
+ F21 TB151CD2 77
- INPUT ERROR REG TB151DD6 82
EDGE CONN.
2 RESISTOR A-A3C2D11
7 RESISTOR A-A3C2D09
BUS OUT ERROR
INPUT BUS OUT PARITY ERROR
LOC. TYPE
A-A3C2 7621
WORK REG ERROR
BAR ERROR
AVAIL ERROR
IN REG
LINE SEL ERROR
INPUT WORK REG PAR ERROR
INPUT B BAR/XLATE ERROR
INPUT AVAIL PAR ERROR
INPUT IN REG PAR ERROR
INPUT LINE SELECT ERROR
338 + LINE SELECT ERROR LATCH FC2
332 + IN REG PARITY ERROR LTH FE2
303 + WORK REG PARITY ERROR LTH FG2
325 + AVAIL PAR ERROR LTH FJ2
145 + BUS OUT PARITY ERROR LTH FL2
318 + BAR/XLATE ERROR LTH FN2
439 + INPUT LINE SELECT ERROR TB221-GC2
432 + INPUT IN REG PAR ERROR TB221-GE2
404 + INPUT WORK REG PAR ERROR GG2
425 + INPUT AVAIL PAR ERROR TB221-GJ2
247 + INPUT BUS OUT PARITY ERROR GL2
418 + INPUT BAR/XLATE ERROR TB221-GN2
ERROR REG
E.C.-HISTORY
FRAME 01
IBM CORP. SDD
DATE LAST EC
04-24-72 309545
F.N. 1788275
TB131
000

- LIB SEL 1 ——— TA631CE6 — 2
- LIB SEL 1 IF 2 ——— TA631CF6 — 4
- LIB SEL 3 ——— TA631CL6 — 6
- LIB SEL 3 IF 2 ——— TA631CM6 — 8
- LIB 2 SEL ——— TA631DG6 — 10
- LIB SEL 2 IF 2 ——— TA631DJ6 — 12
+ SHORT POR POWERED ——— TA921BL2 — 14
- OUTPUT 43 CONTROL GATE ——— TA921CA6 — 16
- CSB TIME ——— TA941FE2 — 18
- OUT REG BYTE 1 BIT 5 ——— TB041EE6 — 20
- OUT REG BYTE 1 BIT 6 ——— TB041EG6 — 22
- OUT REG BYTE 0 BIT 1 ——— TB051DC6 — 24
- RESET ——— TB111AC6 — 26
- SET ——— TB111BA6 — 28
- MASK LIB 1 ERRORS ——— TB111FB2 — 30
- MASK LIB 2 ERRORS ——— TB111FD2 — 32
- MASK LIB 3 ERRORS ——— TB111FF2 — 34
- MASK LIB 4 ERRORS ——— TB111FH2 — 36
- MASK LIB 5 ERRORS ——— TB111FK2 — 38
- MASK LIB 6 ERRORS ——— TB111FM2 — 40
+ BCC 1 ERROR LATCH ——— TB121FB2 — 42
+ BCC 2 ERROR LATCH ——— TB121FD2 — 44
+ BCC 3 ERROR LATCH ——— TB121FF2 — 46
+ BCC 4 ERROR LATCH ——— TB121FH2 — 48
+ BCC 5 ERROR LATCH ——— TB121FK2 — 50
+ BCC 6 ERROR LATCH ——— TB121FM2 — 52
+ LINE SELECT ERROR LATCH ——— TB131FC2 — 54
+ IN REG PARITY ERROR LTH ——— TB131FE2 — 56
+ WORK REG PARITY ERROR LTH ——— TB131FG2 — 58
+ AVAIL PAR ERROR LTH ——— TB131FJ2 — 60
+ BUS OUT PARITY ERROR LTH ——— TB131FL2 — 62
+ BAR/XLATE ERROR LTH ——— TB131FN2 — 64

DISABLE

AD
AR | FL | 14Q 103
S | S
14 ZJ04 | D10 105
22 ZG05A | S | S
28 -16CA
22 ZG05A | R
26 -19CA
A-A3C2

RESET L1

AC
14 ZJ04 | AR | CR | D03 115
16 ZJ09A
20 ZG08A
24 ZP02A
A-A3C2

SET L1

AB
42 52F
44 53C | OR | A51F 124
46 52C | M10 125
48 14K | U+
50 14L
52 13L
54 13K
56 11J
58 11H
60 12H
62 13H
64 12L
A-A3C2

INHIBIT ERRORS

AA
103 -26K | AR | DR | A27L 203
2 ZG02A
30 -13CA
10 -D13A
32 -13FA
6 -B13A
34 -11CA
4 -J02A
36 -14DA
12 ZS07A
38 -46CA
8 -U03A
40 -47FA
A-A3C2

DISABLE OR SEL LIB RESET

AE
18 ZP07A | A | M05 304
203 -34EA
A-A3C2

124 - ERROR SET LEVEL 1 INTERRUPT —— CG2
↳TB151

115 + RESET LEVEL 1 —— CJ6
↳TB121 ↳TB131

103 + CSB DISABLE LATCH —— TB131-CL2

304 + DISABLE OR SEL LIB RESET —— DC2
◇TA311 ↳TA321 ↳TA361 ↳TA611
◇TA641 ↳TA761 ↳TA811 ↳TA921
↳TB131

105 + CSB DISABLE —— EM6
↳TB021 ↳TB041 ↳TB061 ↳TB111

125 + ERROR SET LEVEL 1 INTERRUPT —— FH6
↳TA031

LOC. TYPE
A-A3C2 7621

TB141
000

INHIBIT ERRORS - SET L1
INTERRUPT AND POR LATCH
E.C. HISTORY — PAGE 27RNB
309518C
309539

DATE LAST EC
04-24-72 309545

FRAME 01
IBM CORP. SDD
P.N. 1788276

TB141
000

- GTE 1ST TEST POINTS ON INBUS-TA031BL2- 2-4

- IDENTIFY CSB 1-TA041BG1- 12-1

- IDENTIFY CSB 2-TA041BG3- 22-1

- IDENTIFY CSB 3-TA041BG5- 32-1

- IDENTIFY CSB 4-TA041BG7- 42-1

- INPUT ERROR REG-TA911FD6- 52-1

- W1-TA941DE6- 62-1

- M21-TA941DH6- 72-1

- ERROR SET LEVEL 1 INTERRUPT-TB141CG2- 82-4

CSB 3 ERROR
AG
2 ZJ06 A OR U04 103
32 ZU09 U4
82 -18FD
A-A3C2

CSB 1 ERROR
AF
2 ZJ06 A OR U07 110
12 ZU05 U4
82 -18FD
A-A3C2

CSB 4 ERROR
AD
2 ZJ06 A OR S13 117
42 ZS05 U4
82 -18FD
A-A3C2

CSB 2 ERROR
AC
2 ZJ06 A OR S04 124
22 ZU06 U4
82 -18FD
A-A3C2

M21
AB
72 ZJ03 N 17H 131
A-A3C2

W1
AA
62 ZJ10 N 24J 138
A-A3C2

INPUT ERROR REG
AE
52 ZU02 AR 141F 146
A-A3C2

000 TB151

138 + W1 - TB131-BC2

131 + M21 - TB131-CD2

124 + CSB 2 ERROR - TB211-CL2

117 + CSB 4 ERROR - TB211-CN2

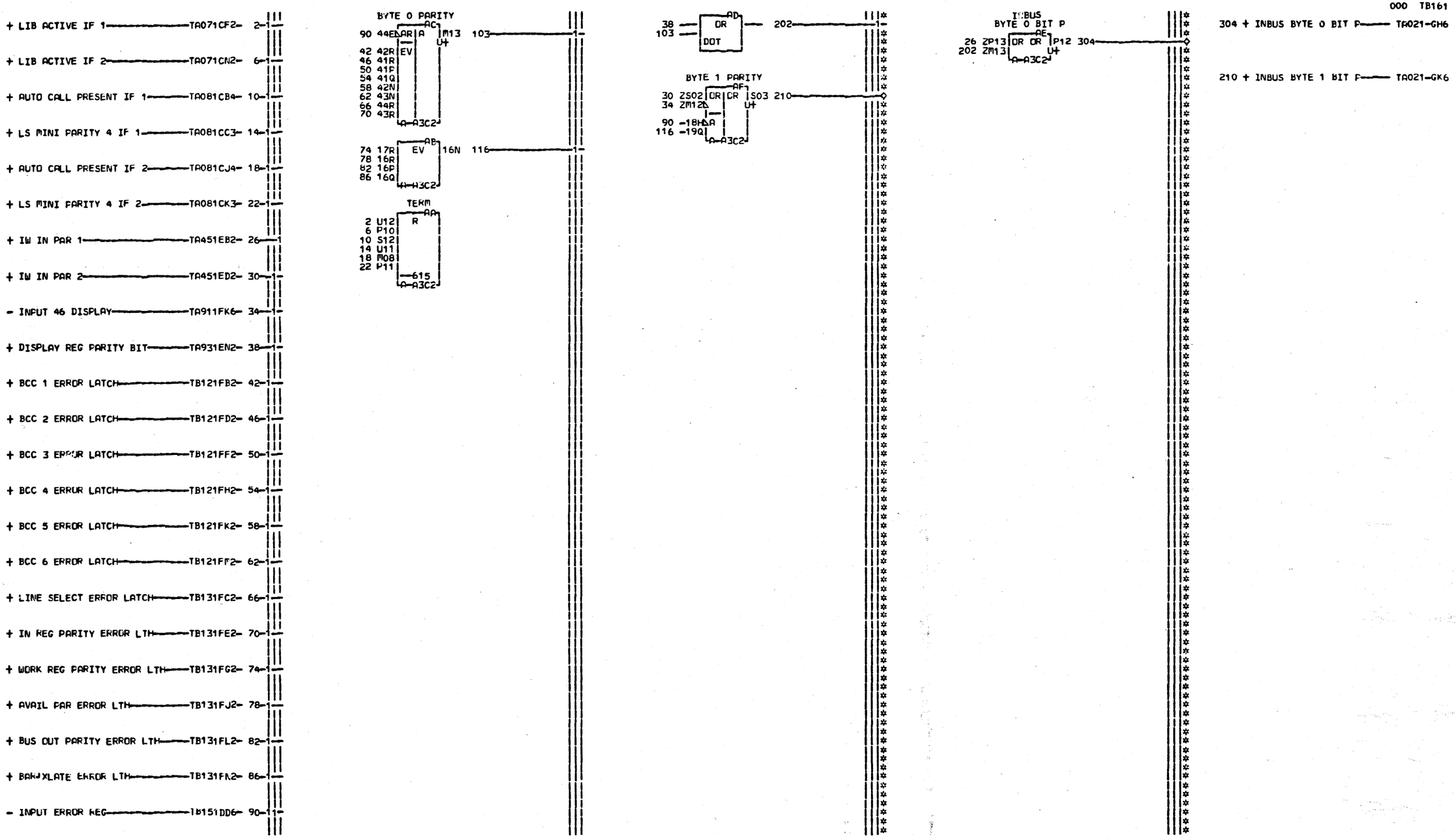
146 - INPUT ERROR REG - DD6
TB121 TB131 TB161

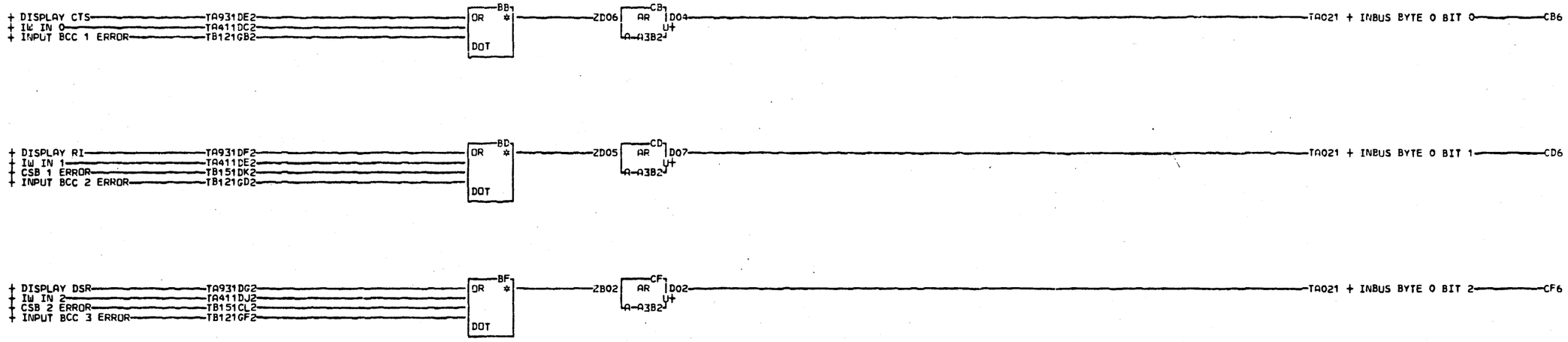
110 + CSB 1 ERROR - TB211-DK2

103 + CSB 3 ERROR - TB211-DM2

LOC. TYPE
A-A3C2 7621

ENTRY PAGE AND GATE TEST POINTS
E.C.-HISTORY- BY MACH.27RAB
309516C
FRAME C1
IBM CORP.SDD TB151
DATE LAST EC
04-24-72 309545
P.No. 1788277 000


+ LIB ACTIVE IF 1 TA071CF2- 2
+ LIB ACTIVE IF 2 TA071CN2- 6
+ AUTO CALL PRESENT IF 1 TA081CB4- 10
+ LS MINI PARITY 4 IF 1 TA081CC3- 14
+ AUTO CALL PRESENT IF 2 TA081CJ4- 18
+ LS MINI PARITY 4 IF 2 TA081CK3- 22
+ IW IN PAR 1 TA451EB2- 26
+ IW IN PAR 2 TA451ED2- 30
- INPUT 46 DISPLAY TA911FK6- 34
+ DISPLAY REG PARITY BIT TA931EN2- 38
+ BCC 1 ERROR LATCH TB121FB2- 42
+ BCC 2 ERROR LATCH TB121FD2- 46
+ BCC 3 ERROR LATCH TB121FF2- 50
+ BCC 4 ERROR LATCH TB121FH2- 54
+ BCC 5 ERROR LATCH TB121FK2- 58
+ BCC 6 ERROR LATCH TB121FM2- 62
+ LINE SELECT ERROR LATCH TB131FC2- 66
+ IN REG PARITY ERROR LTH TB131FE2- 70
+ WORK REG PARITY ERROR LTH TB131FG2- 74
+ AVAIL PAR ERROR LTH TB131FJ2- 78
+ BUS OUT PARITY ERROR LTH TB131FL2- 82
+ BAR/XLATE ERROR LTH TB131FN2- 86
- INPUT ERROR REG TB151DD6- 90
BYTE 0 PARITY
AC
90 44E AR A M13 103
42 42R EV U4
46 41R
50 41P
54 41Q
58 42N
62 43N
66 44R
70 43R
A-A3C2
AB
74 17R EV 16N 116
78 16R
82 16P
86 16Q
A-A3C2
TERM
AA
2 U12 R
6 P10
10 S12
14 U11
18 M08
22 P11
-615
A-A3C2
AD
38 OR 202
103 DOT
BYTE 1 PARITY
AF
30 ZS02 OR OR S03 210
34 ZM12 U4
90 -18H A
116 -19Q
A-A3C2
INBUS
BYTE 0 BIT P
AE
26 ZP13 OR OR P12 304
202 ZM13 U4
A-A3C2
000 TB161
304 + INBUS BYTE 0 BIT P TA021-GH6
210 + INBUS BYTE 1 BIT P TA021-GK6
LOC. TYPE
A-A3C2 7621
ERROR REG PARITY AND INBUS PARITY BITS
E.C.-HISTORY B-MACH.27RNB
309518C
309539
FRAME 01
IBM CORP.SDD TB161
DATE LAST EC
04-24-72 309545
P.N. 1788278 000
TB161
000



THIS PAGE IS FOR 3705-II ONLY.

T
B
2
1
1

030
SIM TO PN 1788279 EC 309545

LOC. TYPE
A-A3B2 AB88

INBUS BYTE 0 BITS 0 THRU 5

—E.C.—HISTORY—C— MACH.27RNB
314403
FRAME 01
IBM CORP. SCD
DATE LAST EC
05-20-76 314419
P.N. 1750072

T
B
2
1
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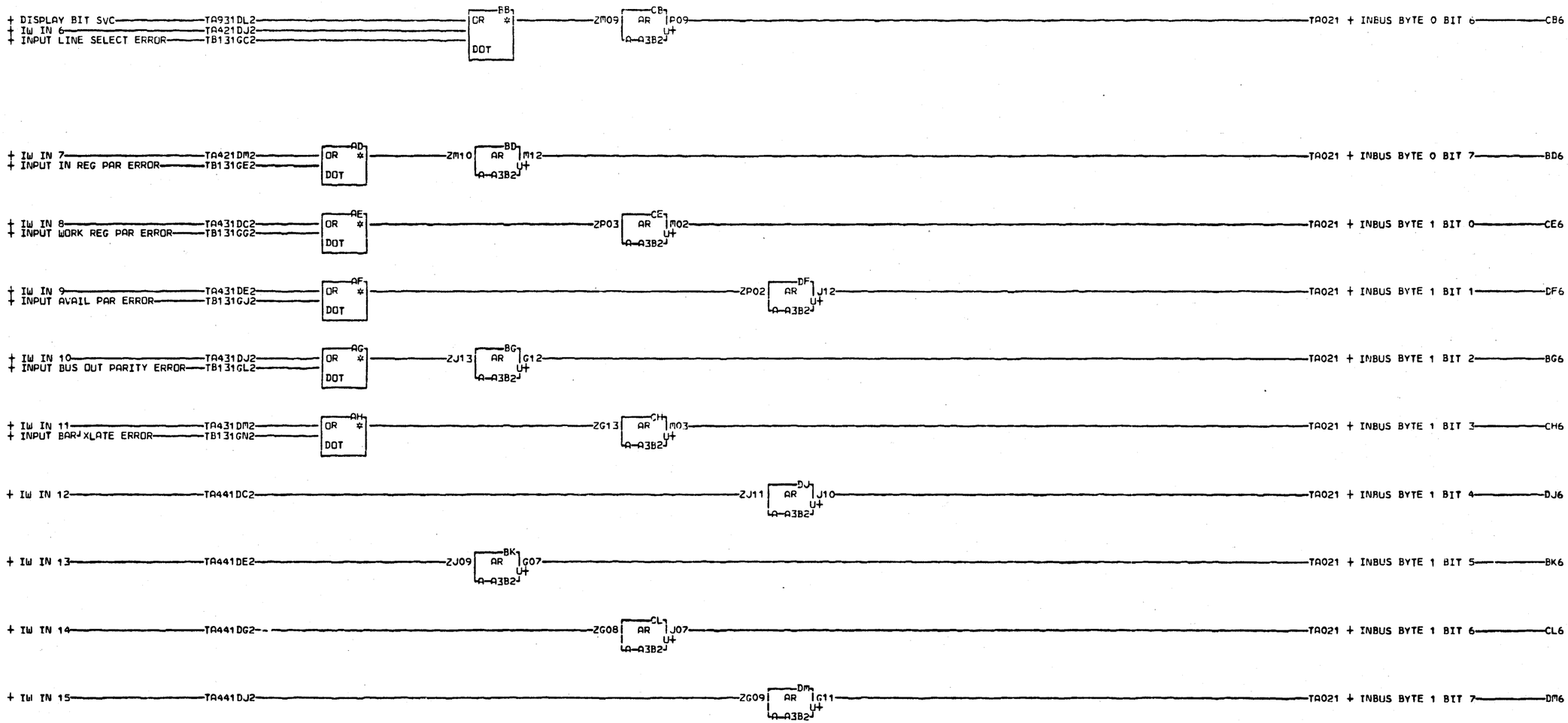
030



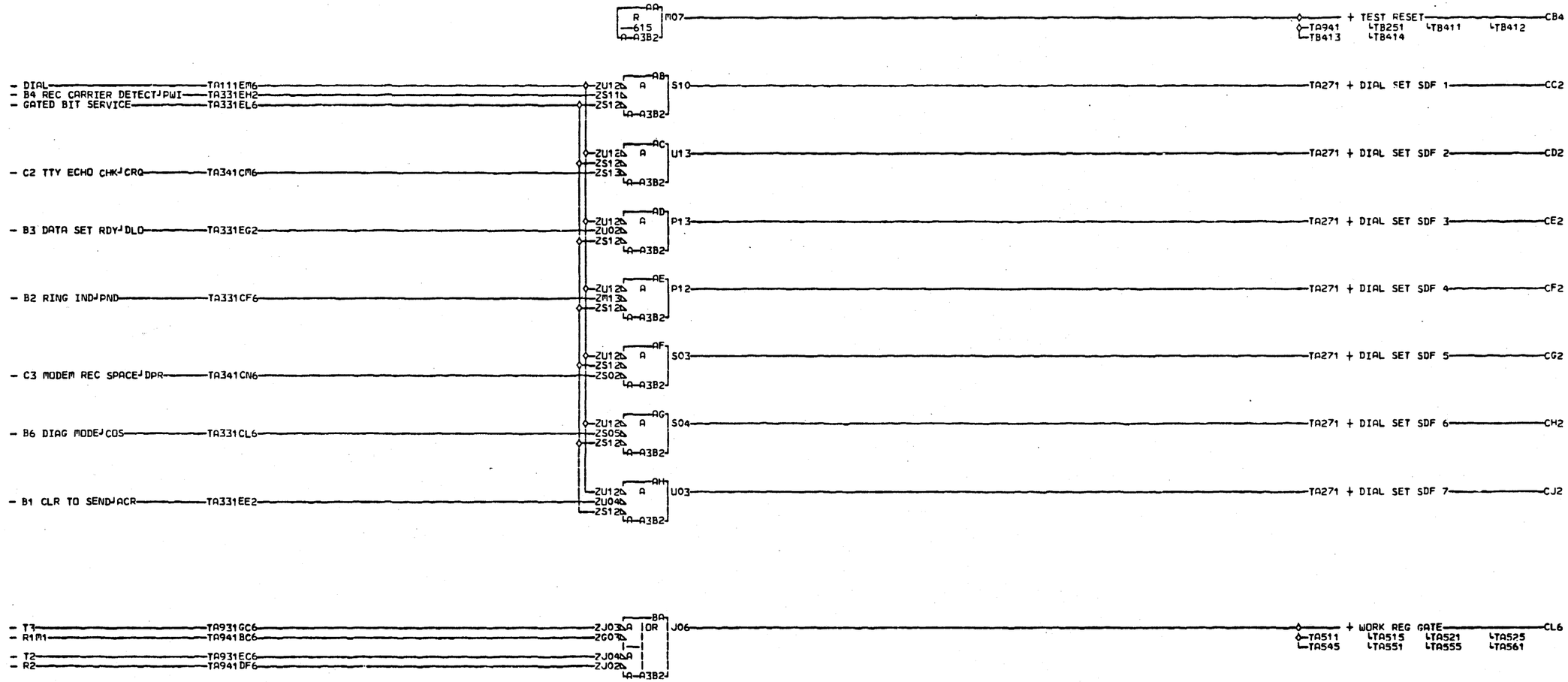
THIS PAGE IS FOR 3705-II ONLY.

T
B
2
2
1

030
SIM TO PN 1788280 EC 309545

LOC. TYPE
A-A382 AB88

INBUS BYTE 0 BITS 6 AND 7 BYTE 1 BITS 0 THRU 7		
E.C.-HISTORY	C. MACH.22 RNB	T
314403		B
	FRAME 01	2
		2
	IBM CORP. SCD	1
DATE LAST EC		
05-20-76 314419	P.N. 1750073	030



THIS PAGE IS FOR 3705-II ONLY.

T
B
2
3
1

030 SIM TO PN 1788281 EC 309944

LOC. TYPE
A-A3B2 AB88

DIAL INPUTS TO SDF AND WORK REG GATE

E.C.-HISTORY—C.-MACH.27RNB

314403

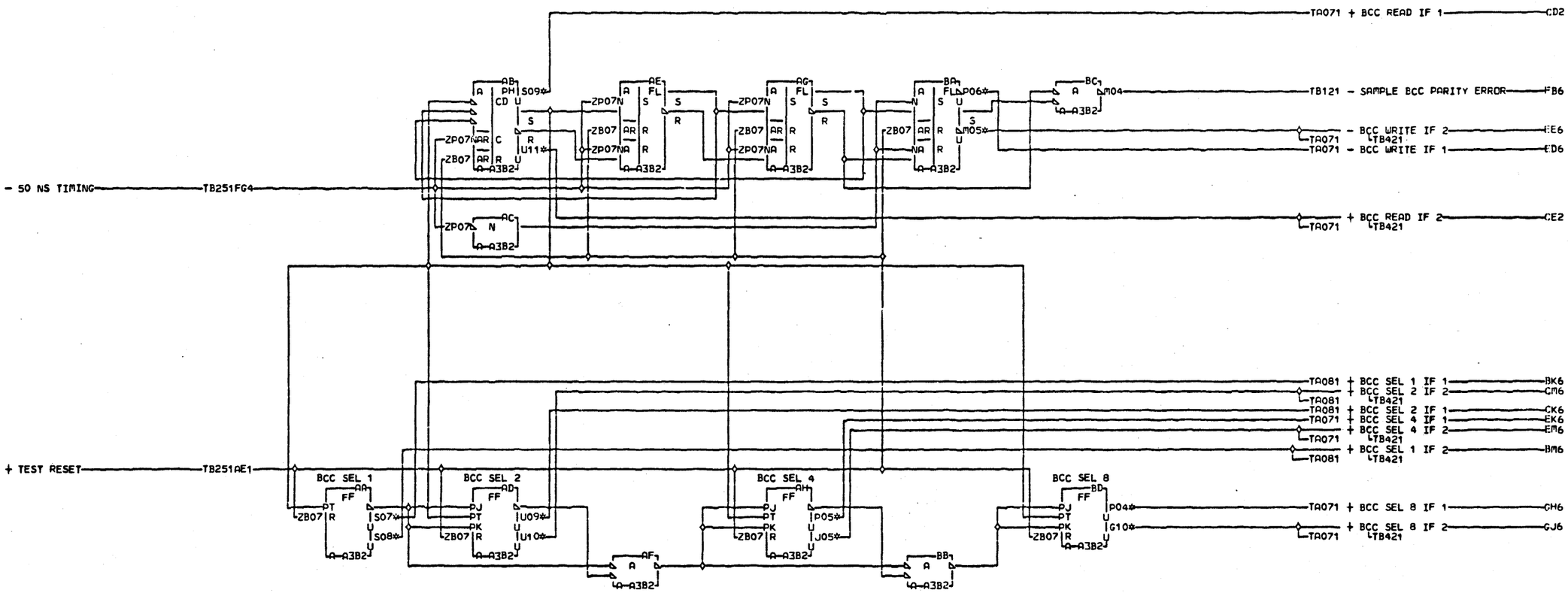
FRAME 01

IBM CORP. SCD

P.N. 1750074

DATE LAST EC
05-20-76 314419

T B 2 3 1 030



THIS PAGE IS FOR 3705-II ONLY.

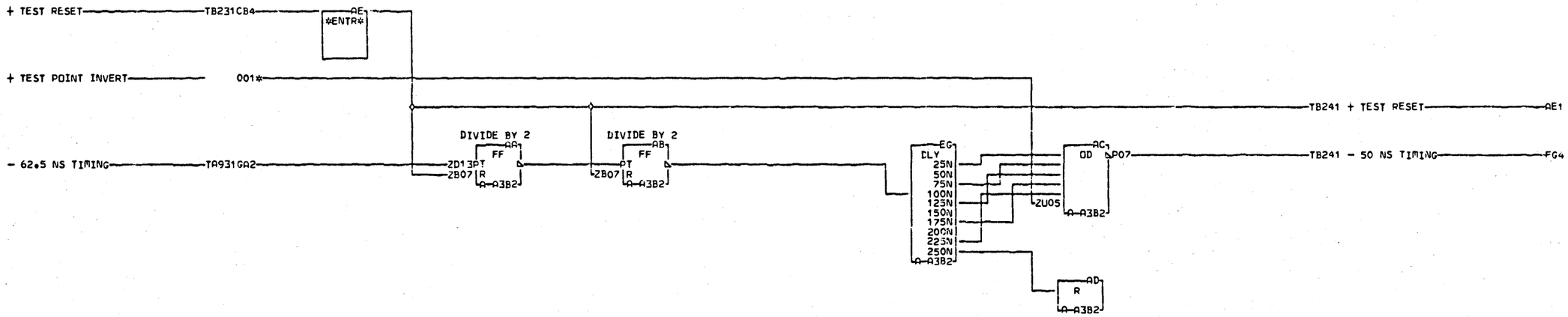
T		AA4	A-A3E1D11	BA6	A-A3M1D11
B		AA6	A-A3Q1D11	BD3	A-A3B1B11
2		AB2	A-A3B1C11	BD5	A-A3M1B11
4		AB8	A-A3M1C11		
1		AD4	A-A3G1A11		
		AD6	A-A3S1A11		
		AH4	A-A3A1E11		
030		AH6	A-A3L1E11		
	SIM TO PN 1788282 EC 309545	BA2	A-A3B1D11		

LOC. TYPE
A-A3B2 AB88

BCC DRIVE

E.C. HISTORY — C. MACH. 27RNB
314403
FRAME 01
IBM CORP. SCD
DATE LAST EC
05-20-76 314419
P.N. 1750075

T B 2 4 1 030



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001

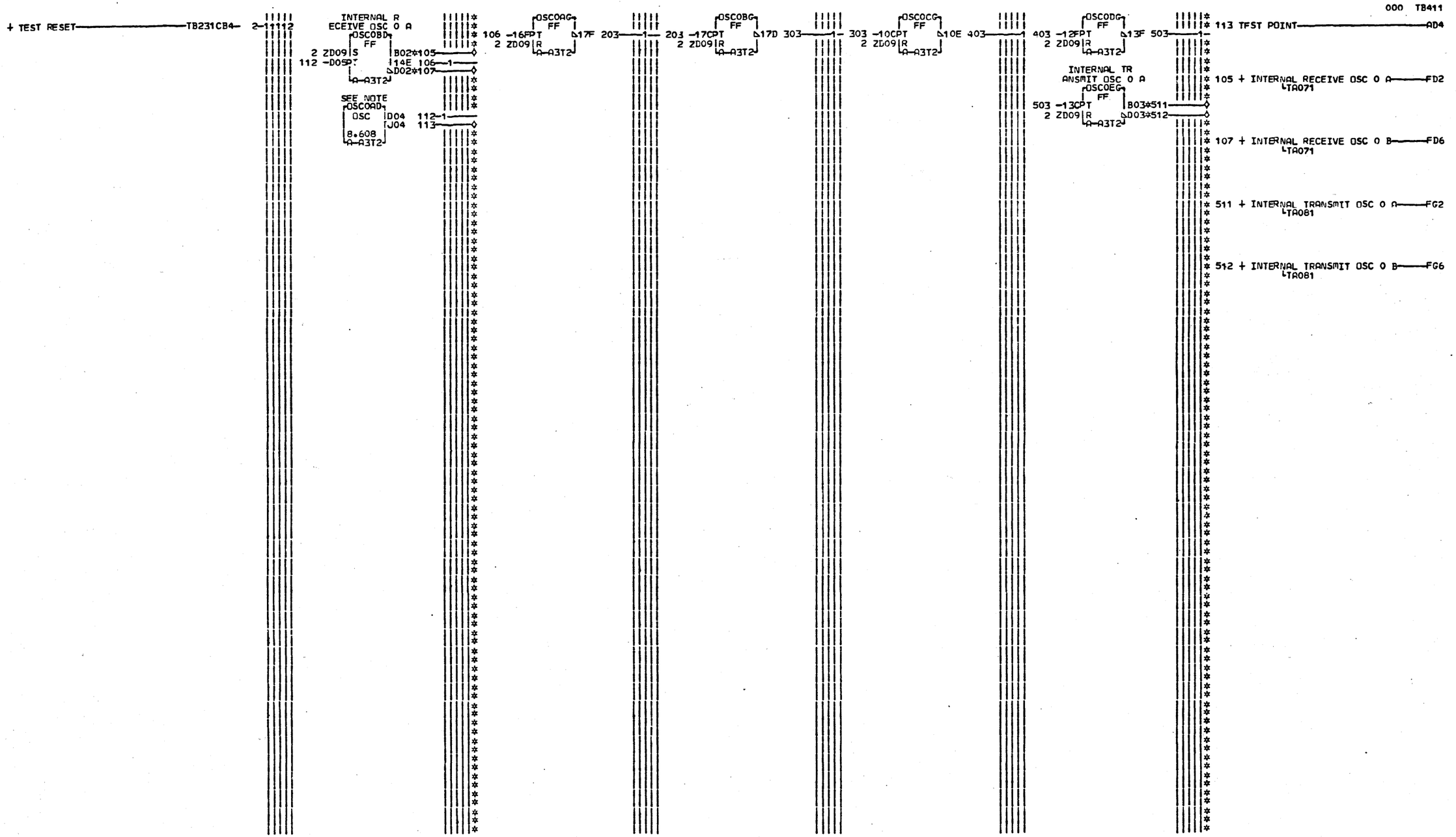
T
B
2
5
1

030

RESISTOR
A-A3B2105

LOC. TYPE
A-A3B2 AB88

CLOCK CONVERTER CIRCUIT		
E.C.-HISTORY	MACH.27RNB	T B 2 5 1
314403	FRAME 01	
DATE LAST EC	IBM CORP. SCD	030
05-20-76 314419	P.N. 1750076	



NOTE- BAUD RATE VS CARD P.N.
45.5-8211461
50.0-8211484
56.9-8211462
74.2-8211463
75.0-8211464

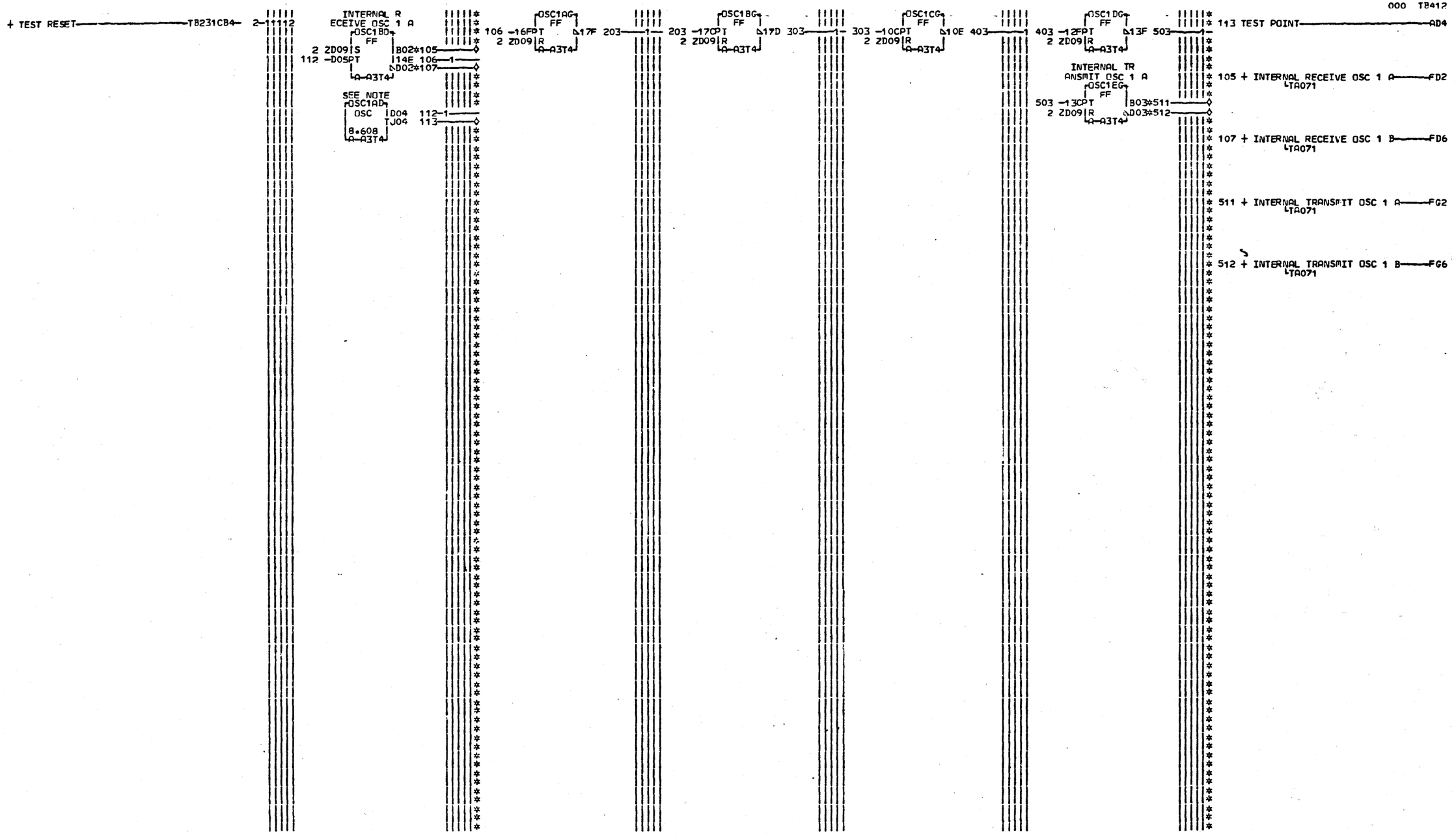
TB411 LIST CONTINUED ON PAGE TB412.
OSC 0 IS ANY OSC ASSIGNED.
000 SOC T2 MUST CONTAIN AN OSC.

EDGE CONN.
105 A-A3B1E13
107 A-A3M1E13
511 A-A3F1B13
512 A-A3R1B13

LOC. TYPE
A-A3T2 2935

INTERNAL CLOCK 0

E.C. HISTORY	MACH.27 RNB
309518C	
309539	FRAME 01
309545	
309941	IBM CORP. SDD TB411
DATE LAST EC	P.N. 1788283 000
05-24-74 311272	



NOTE- BAUD RATE VS CARD P.N.
LIST CONTINUED FROM PAGE TB411
100.0-8211482
110.0-8211466
134.5-8211467
150.0-8211469 OR 8238656
200.0-8211465

TB412

LIST CONTINUED ON PAGE TB413.

000 OSC 1 IS ANY OSC ASSIGNED.

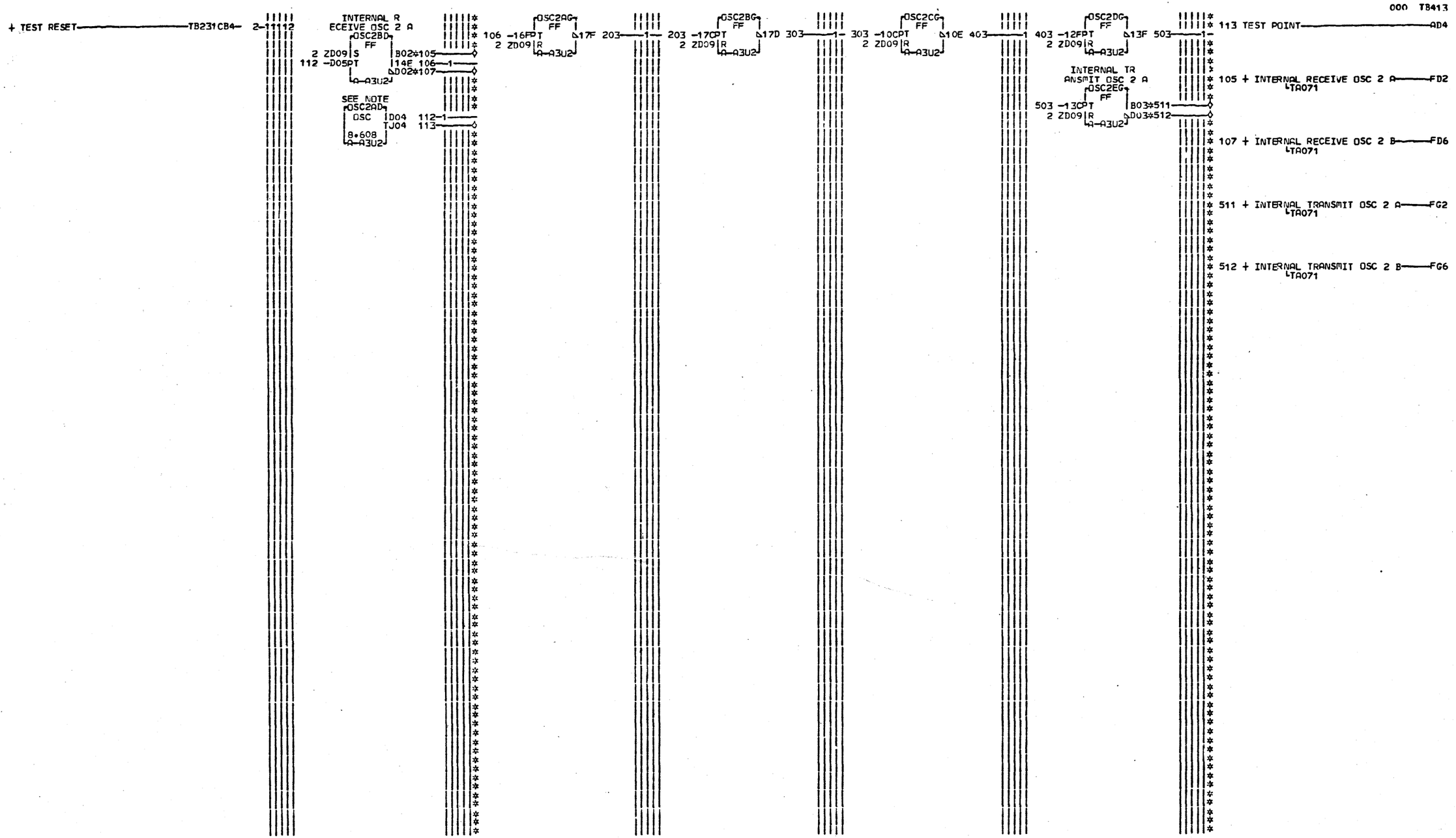
EDGE CONN.	
105	A-A3C1A13
107	A-A3M1A13
511	A-A3B1A13
512	A-A3M1A13

LOC.	TYPE
A-A3T4	2935

INTERNAL CLOCK 1

E.C. HISTORY	C	MACH.27 RNB
309518C		
309539		FRAME 01
309545		
309941		IBM CORP. SDD
DATE LAST EC		P.N. 1788284
05-24-74 311272		

TB412
000



NOTE- BAUD RATE VS CARD P.N.
LIST CONTINUED FROM PAGE TB412
300.0-8231700 OR 8238657
600.0-8211474 OR 8238658
950-8233269 OR 8238659
1050-8233278 OR 8238660
1200-8211475 OR 8238661

TB413
000 LIST CONTINUED ON PAGE TB414.
OSC 2 IS ANY OSC ASSIGNED.

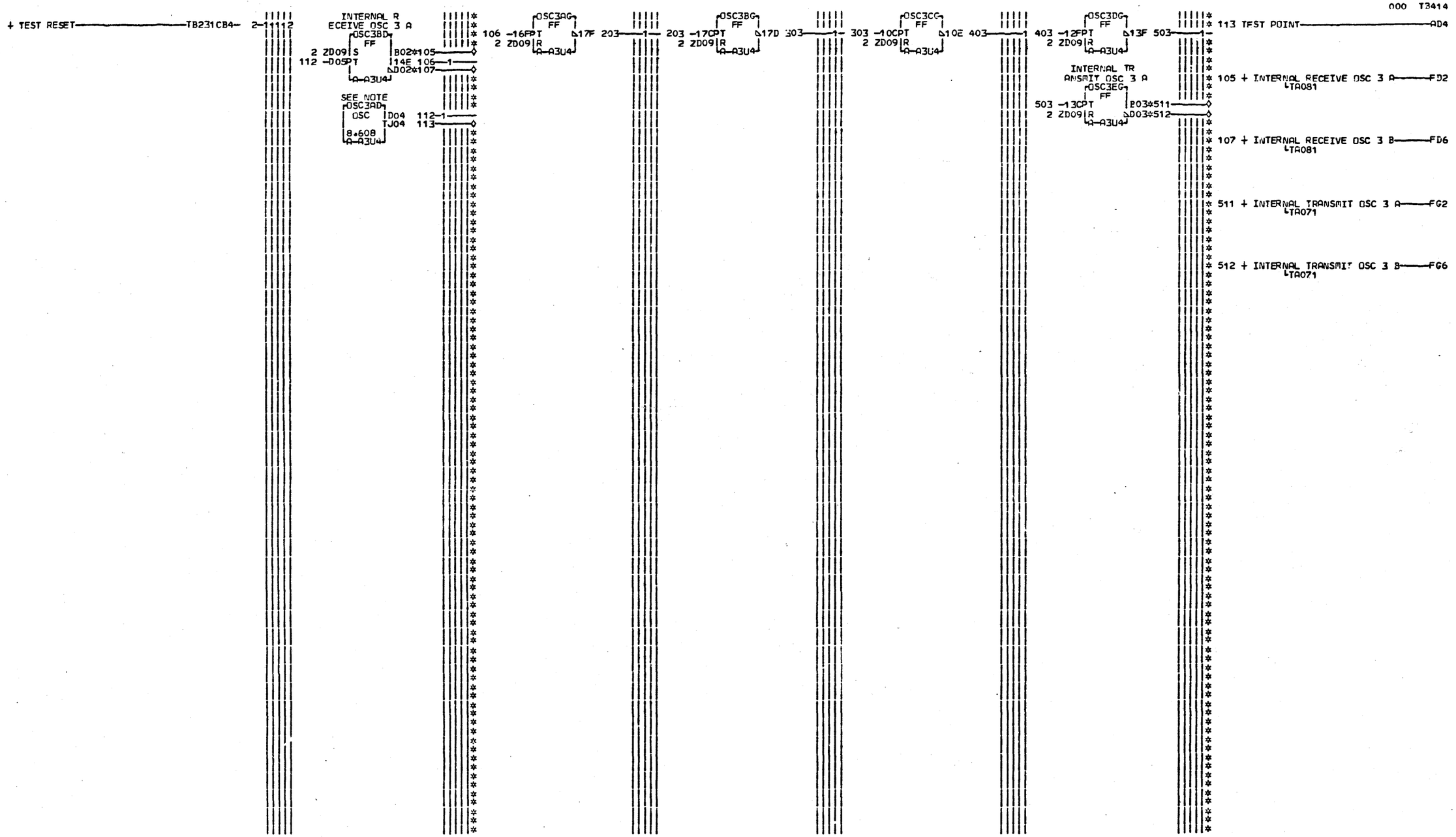
EDGE CONN.	LOC.	TYPE
105 A-A3C1B13	A-13U2	2935
107 A-A3N1B13		
511 A-A3B1B13		
512 A-A3M1B13		

INTERNAL CLOCK 2

E.C. HISTORY	MACH. 27RNB
309518C	
309539	FRAME 01
309545	
309941	IBM CORP. SDD
DATE LAST EC	P.N. 1788285
05-24-74 311272	

TB413
000

000 T3414



NOTE- BAUD RATE VS CARD P.N.
LIST CONTINUED FROM PAGE TB413
2000-8211468 OR 8238662
2400-8211476 OR 8236658

EDGE CONN.
105 A-A3E1A11
107 A-A3J1A11
511 A-A3B1C13
512 A-A3M1C13

LOC. TYPE
A-A3U4 2935

INTERNAL CLOCK 3

E.C.-HISTORY	MACH.27RNB	
309518C		
309539	FRAME 01	
309545		
309941	IBM CORP.SDD	TB414
DATE LAST EC		
05-24-74 311272	P.N. 1788286	000

TB414

000 OSC 3 IS ANY OSC ASSIGNED.

+ CSB CTRL OUT A IF 2 ——— TA321DD2 — 2
+ CSB CTRL OUT B IF 2 ——— TA321EG2 — 7
+ CSB CTRL IN A IF 2 ——— TA321EJ2 — 12
+ CSB CTRL IN C IF 2 ——— TA321EL2 — 17
+ CSB CTRL IN B IF2 ——— TA331CC2 — 22
+ BIT SVC RESET IF 2 ——— TA361CC2 — 27
- ADDR SEL 1 IF 2 ——— TA621DC2 — 32
- ADDR SEL 2 IF 2 ——— TA621DF2 — 37
- ADDR SEL 4 IF 2 ——— TA621DJ2 — 42
- ADDR SEL 8 IF 2 ——— TA621DM2 — 47
- LIB SEL 1 IF 2 ——— TA631CF6 — 52
+ BCC SEL 1 IF 2 ——— TB241BM6 — 57
+ BCC READ IF 2 ——— TB241CE2 — 62
+ BCC SEL 2 IF 2 ——— TB241CM6 — 67
- BCC WRITE IF 2 ——— TB241EE6 — 72
+ BCC SEL 4 IF 2 ——— TB241EM6 — 77
+ BCC SEL 8 IF 2 ——— TB241GJ6 — 82

NOTE TERMINATOR CARD INSTALLED ONLY WHEN IF 2 NOT USED. MOVE TO LAST LIB BOARD INSTALLED ON IF 2.

72 B06 NOTE DK R A-A3V2
27 B02 NOTE DH R A-A3V2
12 D05 NOTE DF R A-A3V2
47 D09 NOTE DD R A-A3V2
42 D13 NOTE DB R A-A3V2
52 B12 NOTE CM R A-A3V2
62 B08 NOTE CK R A-A3V2
7 B04 NOTE CH R A-A3V2
67 D03 NOTE CF R A-A3V2
17 D07 NOTE CD R A-A3V2
37 D11 NOTE CB R A-A3V2
77 B10 NOTE BM R A-A3V2
82 B09 NOTE BK R A-A3V2
2 B05 NOTE BH R A-A3V2
57 D02 NOTE BF R A-A3V2

22 D06 NOTE BD R A-A3V2
32 D10 NOTE BB R A-A3V2

LOC. TYPE
A-A3V2 N885

LIB IF 2 TERMINATION WHEN IF 2 NOT USED
—E.C.—HISTORY—B— FACH.27RNB
309518C

FRAME 01

IBM CORP. SDD TB421

DATE LAST EC
04-24-72 309545

P.N. 1788287 000

+ CSB SELECT 0 ——— TA041BA1- 2

+ 1ST THREE LIBS ——— TA041BA5- 7

+ LIB 1 OR 4 ——— TA041BA7- 12

+ LIB 2 OR 5 ——— TA041BB2- 17

+ LIB 3 OR 6 ——— TA041BB4- 22

+ LINE SELECT 8 ——— TA041BB6- 27

+ LINE SELECT 4 ——— TA041BC1- 32

+ LINE SELECT 2 ——— TA041BC3- 37

+ LINE SELECT 1 ——— TA041BC5- 42

+ LINEADBUS BIT P ——— TA041BC7- 47

- SYNC CSB CLOCKS ——— TA041BD2- 52

- FETCH BUFFER ——— TA041BD4- 57

+ T2 OR T3 TIME ——— TA041BD6- 62

+ T3 OR T0 TIME ——— TA041BE1- 67

- PRI 0 AVAIL TO NEXT ——— TA611FF6- 72

- PRI 1 AVAIL TO NEXT ——— TA611FG6- 77

- PRI 2 AVAIL TO NEXT ——— TA611FH6- 82

+ NEW CSB SEL BIT 0 ——— TA911CL2- 87

NOTE TERMINATOR CARD INSTALLED
IN LAST CSB ONLY.

82 D13 NOTE DM R 615 A-A3A2

67 D09 NOTE DK R A-A3A2

52 D05 NOTE DH R A-A3A2

37 B13 NOTE LF R A-A3A2

22 B09 NOTE DD R A-A3A2

7 B05 NOTE DB R A-A3A2

77 D11 NOTE CM R 615 A-A3A2

62 D07 NOTE CK R A-A3A2

47 D03 NOTE CH R A-A3A2

32 B12 NOTE CF R A-A3A2

17 B08 NOTE CD R A-A3A2

2 B04 NOTE CB R A-A3A2

72 D10 NOTE BM R 615 A-A3A2

57 D06 NOTE BK R A-A3A2

42 D02 NOTE BH R A-A3A2

27 B10 NOTE BF R A-A3A2

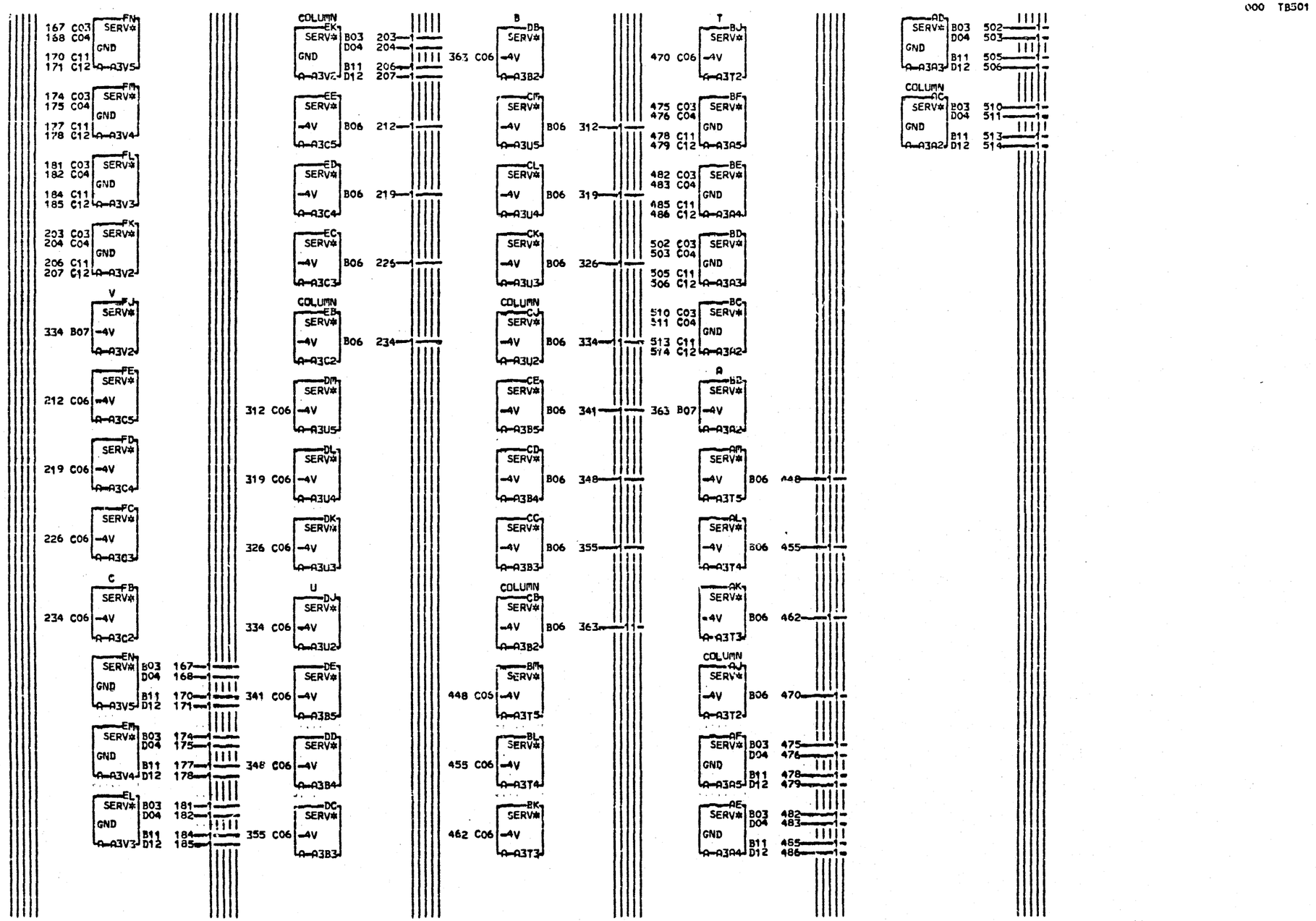
12 B06 NOTE BD R A-A3A2

87 B02 NOTE BB R A-A3A2

LOC. TYPE
A-A3A2 N884

CSB CABLE 7 TERMINATOR

E.C.-HISTORY-B | MACH.27RNB
309518C | FRAME 01
IBM CORP.SDD | TB431
DATE LAST EC | P.N. 1788288 | 000
04-24-72 309545



SERVICE WIRING MAXI CSB	
BOARD A3	
E.C.-HISTORY-5	MACH.27RNB
309518C	
309539	FRAME 01
309545	
DATE LAST EC	IBM CORP.SDD TB501
09-29-72 309944	P.N. 1788289 000

TB501
000