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CIRCUIT DIAGRAMS MANUAL
AN/GSC-24(V) MULTIPLEXER SET

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ORLANDO DIVISION
COMMUNICATIONS AND ELECTRONICS

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LIST OF EFFECTIVE PAGES

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2-1 - 2-100	0	FO-22 Blank	0
3-1 - 3-22	0	FO-23.....	0
3-3	0	FO-24 Blank	0
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3-23 - 3-26	0	FO-27.....	0
3-27	1	FO-28 Blank	0
3-28	0	FO-29.....	0
3-29 - 3-30	1	FO-30 Blank	0
4-1	1	FO-31.....	0
4-2 Blank.....	0	FO-32 Blank	0
FO-1	0	FO-33.....	0
FO-2 Blank.....	0	FO-34 Blank	0
FO-3	0	FO-35.....	0
FO-4 Blank.....	0	FO-36 Blank	0
FO-5	0	FO-37.....	0
FO-6 Blank.....	0	FO-38 Blank	0
FO-7	0	FO-39.....	0
FO-8 Blank.....	0	FO-40 Blank	0
FO-9	0	FO-41.....	0
FO-10 Blank.....	0	FO-42 Blank	0
FO-II.....	0	FO-43.....	0
FO-12 Blank.....	0	FO-44 Blank	0
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FO-55	0	FO-90 Blank.....	0
FO-56 Blank.....	0	FO-91	0
FO-57	0	FO-92 Blank.....	0
FO-58 Blank.....	0	FO-93	0
FO-59	0	FO-94 Blank.....	0
FO-60 Blank.....	0	FO-95	0
FO-61	0	FO-96 Blank.....	0
FO-62 Blank.....	0	FO-97	1
FO-63	1	FO-98 Blank.....	0
FO-64 Blank.....	0	FO-99	0
FO-65	2	FO-100 Blank.....	0
FO-66 Blank.....	0	FO-101	0
FO-67	0	FO-102 Blank.....	0
FO-68 Blank.....	0	FO-103	0
FO-69	0	FO-104 Blank.....	0
FO-70 Blank.....	0	FO-105	0
FO-71	0	FO-106 Blank.....	0
FO-72 Blank.....	0	FO-107	1
FO-73	0	FO-108 Blank.....	0
FO-74 Blank.....	0	FO-109	2
FO-75	0	FO-110 Blank.....	0
FO-76 Blank.....	0	FO-111	1
FO-77	0	FO-112 Blank.....	0
FO-78 Blank.....	0	FO-113	1
FO-79	0	FO-114 Blank.....	0
FO-80 Blank.....	0	FO-115	0
FO-81	0	FO-116 Blank.....	0

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SECTION I INTRODUCTION

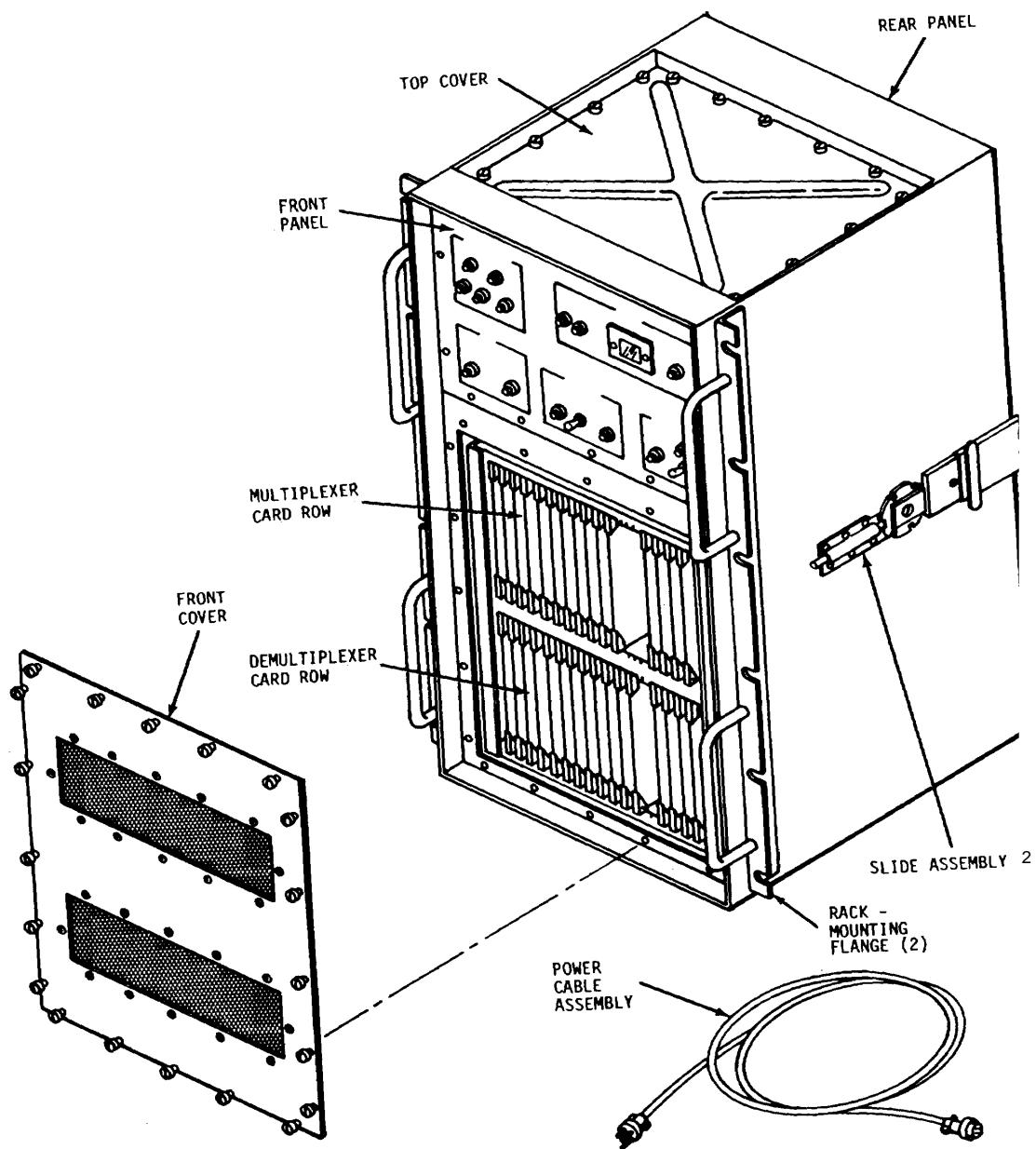
1-1. PURPOSE.

1-2. The purpose of this manual is to provide support information required for troubleshooting of the AN/GSC-24(V) multiplexer set (figure 1-1). Included are schematic and logic diagrams, as well as wire running lists and signal name lists required for tracing signals in the multiplexer set.

1-3. SCOPE.

1-4. The manual is divided in four sections. Section II contains an alphabetical listing of all signals between

the printed circuit cards in the card file assembly. The listing is used for tracing signal distribution within the card file assembly when the signal names are known. Section III contains wire running lists for the interconnecting wiring between the front and back panels, the power supply, and the card file assembly. Also included in section III is a wire running list for the backplane wiring in the card file assembly. Section IV contains the schematic diagrams of the front panel and power supply, and the logic diagrams of the circuit cards mounted in the card file assembly.



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Figure 1-1. AN/GSC-24(V) Multiplexer Set

SECTION II CARD FILE ASSEMBLY SIGNAL LIST

2-1. GENERAL.

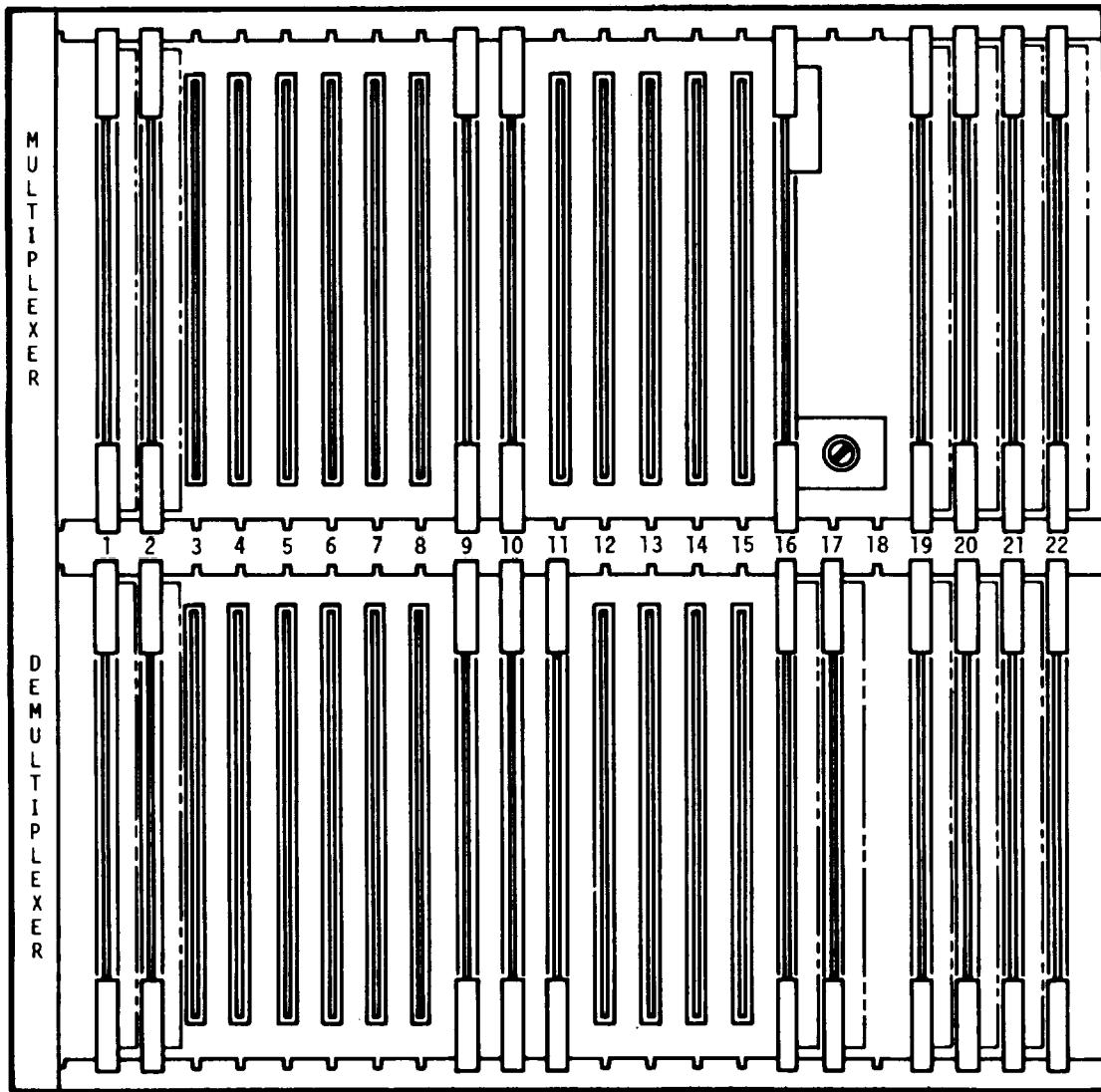
2-2. This section contains an alphabetical listing of the signals generated on the printed circuit cards in the card file assembly, and their sources and destinations. In the list, the signals have the same input/output functional names as those that appear on the card logic diagrams in section IV. The list does not include signal destinations or sources that are outside the card file assembly. External inputs and outputs associated with cards in the card file assembly can be traced by using the wire running lists in section III.

2-3. EXPLANATION OF USAGE.

2-4. The 44 plug-in circuit card locations (slots) in the card file, as viewed from the front of the multiplexer set, are marked 1 through 22 for the MULTIPLEXER row and 1 through 22 for the DEMULTIPLEXER row. Up to 40 of the 44 card slots may contain functional printed circuit cards; slots 17 and 18 in the MULTIPLEXER row and slot 18 in the DE-MULTIPLEXER row are not used. Slot 22 in the DEMULTIPLEXER row stores the extender card. The card slots are so marked to support the diagnostic function. A faulty circuit card can be the corresponding card slot number appearing in the FAULT LOCATION numerical display on the front panel.

2-5. Since three card slots are not used, the reference designation for a given circuit card electrical connector does not necessarily match the card slot number. The connector reference designations are marked consecutively as XA1 through XA41 on the rear of the card file. Figure 2-1 shows a front view of the card file assembly, and lists the connector reference designations associated with the card slots shown. Table 2-1 lists the 44 card slots and the electrical connector designations and card types associated with each of the 41 used card slots.

2-6. Table 2-2 is used to locate the sources and/or destinations of signals between the printed circuit cards in the card file assembly when the signal names are known. The table is divided into three columns: the "Signal Name" column lists the signal names alphabetically; the "Source" column lists the connector and pin numbers of the points of origin; and the "Destination" column lists the connector and pin numbers of the destinations.



MULTIPLEXER ROW:

<u>SLOT</u>	<u>CONNECTOR</u>
1 THRU 15	XAO1 THRU XA15
16	XA16
17, 18	NOT USED
19	XA17
20	XA18
21	XA19
22	XA20
	XA41

DEMULITPLEXER ROW:

<u>SLOT</u>	<u>CONNECTOR</u>
1 THRU 15	XA21 THRU XA35
16	XA36
17	XA37
18	NOT USED
19	XA38
20	XA39
21	XA40

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Figure 2-1. Card File Assembly (Front View) With Card Slots and Associated Connector Reference Designations

Table 2-1. List of Card Locations and Associated
Electrical Connectors

Diagnostic Card Slot	Electrical Connector	Card Type	Function
MULTIPLEXER row: 1 thru 15	XA01 thru XA15	RCB, VE, or TE/TR	Multiplexer channel card
16	XA16	RT	Multiplexer common card
17, 18	Not used		
19	XA17	OEG	Multiplexer common card
20	XA18	GC/DM	Multiplexer common card
21	XA19	Seq	Multiplexer common card
22	XA20	Display	Multiplexer and demultiplexer common card
DEMULITPLEXER row: 1 thru 15	XA21 thru XA35	SB, VD, TD, or NBSB	Demultiplexer channel card
16	XA36	FS	Demultiplexer common card
17	XA37	ERD	Demultiplexer common card
18	Not used		
19	XA38	OEG	Demultiplexer common card
20	XA39	GC/DM	Demultiplexer common card
21	XA40	Seq	Demultiplexer common card
22	XA41	Extender	Test usage

Table 2-2. Card File Signal and Source/Destination Data

SIGNAL NAME	SOURCE	DESTINATION	SIGNAL NAME	SOURCE	DESTINATION
CHMAX0	19-63	20-89	DERRS-	37-69	20-66
CHMAX1	19-64	20-88			21-49
CHMAX2	19-69	20-87			22-49
CHMAX3	19-67	20-86			23-49
DCHAD1	40-59	39-83			24-49
DCHAD2	40-58	39-15			25-49
DCHAD4	40-56	39-81			26-49
DCHAD8	40-55	39-82			27-49
DDON	20-64	37-85			28-49
DENAO	36-72	37-18			29-49
DENA1	36-71	37-14			30-49
DENA2	36-70	37-78			31-49
DENSO	36-76	37-20			32-49
DENS1	36-73	37-16			33-49
DENS2	36-81	37-76			34-49
DEOS	40-78	38-78			35-49
DEOS-	40-80	37-60	DFS	36-75	37-59
DEOS2	40-53	36-13	DGC-	39-18	20-29
DEOS2-	40-57	36-25	DGC01	39-07	21-26
DEOS2B	40-52	39-21	DGC02	39-06	22-26
DEOS2B-	40-54	37-57	DGC03	39-05	23-26
		39-72	DGC04	39-02	24-26
DEOS3N1	39-66	21-31	DGC05	39-03	25-26
		22-31	DGC06	39-04	26-26
		23-31	DGC07	39-85	27-26
DEOS3N2	38-64	24-31	DGC08	39-14	28-26
		25-31	DGC09	39-13	29-26
		26-31	DGC10	39-12	30-26
		27-31	DGC11	39-08	31-26
DEOS3N3	38-63	28-31	DGC12	39-09	32-26
		29-31	DGC13	39-10	33-26
		30-31	DGC14	39-11	34-26
DEOS3N4	38-72	31-31	DGC15	39-84	35-26
		32-31	DGNDD	39-42	39-31
		33-31			39-32
		34-31			39-33
		35-31			39-34
DEPSO	36-69	37-19			39-35
DEPS1	36-67	37-15			39-36
DEPS2	36-80	37-77			39-37
DERD-	37-87	20-28			39-38
DERRS	37-24	38-61			39-39
		39-66			39-40
					40-62

Table 2-2. Card File Signal and Source/Destination Data (Cont)

SIGNAL NAME	SOURCE	DESTINATION	SIGNAL NAME	SOURCE	DESTINATION
DGNDD (Cont)	39-42	39-41 39-52 39-56 39-57 39-58	DOH3	39-79	20-55 38-19
DLEOS-	40-60	20-26	DPSA-	38-89	20-59
DLOF	36-83	37-84	DPSC	39-24	36-78
DLOT-	38-21	20-58	DPSE	36-84	37-17 39-89
DLOTRA-	20-56	37-65	DPST01-	21-48	38-14
DLW28-	39-19	20-25	DPST02-	22-48	38-12
DMFCO	37-41	40-11	DPST03-	23-48	38-10
DMFC1	37-40	40-10	DPST04-	24-48	38-08
DMFC2	37-39	40-09	DPST05-	25-48	38-06
DMFC3	37-38	40-08	DPST06-	26-48	38-04
DMFC4	37-37	40-07	DPST07-	27-48	38-02
DMF31A-	37-55	20-18 21-33 22-33 23-33	DPST08-	28-48	38-03
DMF31B-	37-52	24-33 25-33 26-33 27-33	DPST09-	29-48	38-05
DMF31C-	37-53	28-33 29-33 30-33 31-33	DPST10-	30-48	38-07
DMF31D	37-54	32-33 33-33 34-33 35-33	DPST11-	31-48	38-09
DMF=PS	40-66	39-86	DPST12-	32-48	38-11
DNAC	39-26	36-59	DPST13-	33-48	38-13
DNSC	39-25	36-66	DPST14-	34-48	38-15
DNSE	36-85	37-75 39-87	DPST15-	35-48	38-16
DOD-	36-65	37-36	DPUB0	40-02	36-79
DOHO	39-80	38-17 20-52	DPUB1	40-03	36-55
DOH1	39-17	20-53 38-18	DPUB2	40-04	36-54
DOH2	39-16	20-54 38-20	DPUB3	40-05	36-53
			DPUB4	40-06	36-40
			DRI0	38-54	39-88
			DSEQ-	40-71	20-31
			DSYNC-	36-56	40-84
			DTI1-	36-03	21-52
			DTI2-	36-04	24-52
			DTI3-	36-07	25-52
			DTI4-	36-08	26-52
					27-52
					28-52
					29-52
					30-52
					31-52
					32-52
					33-52
					34-52
					35-52

Table 2-2. Card File Signal and Source/Destination Data (Cont)

SIGNAL NAME	SOURCE	DESTINATION
DTMOG-	38-70	20-57
DWCO	39-61	38-85
DWC1	39-62	38-86
DWC2	39-59	38-87
DWC4	39-73	38-88
DWPR-	36-64	39-64
DW24N1-	38-69	21-34 22-34 23-34
DW24N2-	38-62	24-34 25-34 26-34 27-34
DW24N3-	38-67	28-34 29-34 30-34
DW24N4-	38-65	31-34 32-34 33-34 34-34 35-34
DW2401-	38-74	21-35 22-35 23-35
DW2402-	38-75	24-35 25-35 26-35 27-35
DW2403-	38-71	28-35 29-35 30-35
DW2404-	38-73	31-35 32-35 33-35 34-35 35-35
DW2429	39-71	36-17 37-25
DW28	39-20	36-16 37-72
DW29	39-78	40-76 38-77
DW29-	39-22	36-77 37-51

SIGNAL NAME	SOURCE	DESTINATION
D24EOS2	38-79	20-20
ERST	37-71	17-61 18-66
ERST-	37-70	19-62 01-65 02-65 03-65 04-65 05-65
FAIL	20-82	06-65
FSD-	36-06	07-65
+5A1	37-34	08-65 09-65 10-65 11-65 12-65 13-65 14-65 15-65 16-59 20-69 36-14
+5A2	37-35	37-88 20-30 21-79 22-79 23-79 24-79 25-79 26-79 27-79 28-79 29-79 30-79 31-79 32-79 33-79 34-79 35-79 21-12 22-12 23-12 24-12 25-12

Table 2-2. Card File Signal and Source/Destination Data (Cont)

SIGNAL NAME	SOURCE	DESTINATION
+5A2 (Cont)	37-35	26-12 27-12 28-12 29-12 30-12 31-12 32-12 33-12 34-12 35-12
LBS-	36-15	20-27
LMOOT	20-77	37-89
LOMFC-	37-66	20-24
LT	20-17	37-79
MCHAD1	19-59	18-83
MCHAD2	19-58	18-15
MCHAD4	19-56	18-81
MCHAD8	19-55	18-82
MDM-	18-19	20-37
MDTO01	01-29	18-31
MDTO02	02-29	18-32
MDTO03	03-29	18-33
MDTO04	04-29	18-34
MDTO05	05-29	18-58
MDTO06	06-29	18-57
MDTO07	07-29	18-56
MDTO08	08-29	18-41
MDTO09	09-29	18-40
MDTO10	10-29	18-39
MDTO11	11-29	18-38
MDTO12	12-29	18-37
MDTO13	13-29	18-36
MDTO14	14-29	18-52
MDTO15	15-29	18-35
MEOS	19-78	17-78
MEOS2	19-53	17-78
MEOS2B	19-52	18-21
MEOS2B-	19-54	18-72
MEOS3N1	17-66	01-56 02-56 03-56 20-83 04-56 05-56 06-56 07-56
MEOS3N2	17-64	

SIGNAL NAME	SOURCE	DESTINATION
MEOS3N3	17-63	08-56 09-56 10-56 11-56
MEOS3N4	17-72	12-56 13-56 14-56 15-56
MGC-	18-18	20-39
MGC01	18-07	01-57
MGC02	18-06	02-57
MGC03	18-05	03-57
MGC04	18-02	04-57
MGC05	18-03	05-57
MGC06	18-04	06-57
MGC07	18-85	07-57
MGC08	18-14	08-57
MGC09	18-13	09-57
MGC10	18-12	10-57
MGC11	18-08	11-57
MGC12	18-09	12-57
MGC13	18-10	13-57
MGC14	18-11	14-57
MGC15	18-84	15-57
M+5R	19-72	19-84
MLEOS-	19-60	20-36
MLOT-	16-61	20-40
MMFC0	18-50	19-11
MMFC1	18-63	19-10
MMFC2	18-60	19-09
MMFC3	18-53	19-08
MMFC4	18-49	19-07
MMF31A-	18-51	01-35
		02-35
		03-35
		04-35
		05-35
MMF31B-	18-48	20-19 06-35 07-35 08-35 09-35 10-35

Table 2-2. Card File Signal and Source/Destination Data (Cont)

SIGNAL NAME	SOURCE	DESTINATION	SIGNAL NAME	SOURCE	DESTINATION
MMF31C-	18-65	11-35 12-35 13-35 14-35 15-35	MPSTI1-	11-39	17-09
MMF=PS	19-66	18-86	MPST12-	12-39	17-11
MNSA	17-80	18-28	MPST13-	13-39	17-13
MNSE	18-29	18-87	MPST14-	14-39	17-15
MNST01-	01-53	17-29	MPST15-	15-39	17-16
MNST02-	02-53	17-31	MRIO	17-54	18-88
MNST03-	03-53	17-33	MRIO1-	17-58	01-55
MNST04-	04-53	17-35	MRIO2-	17-57	36-20
MNST05-	05-53	17-37	MRIO3-	17-56	02-55
MNST06-	06-53	17-39	MRIO4-	17-52	03-55
MNST07-	07-53	17-41	MRIO5-	17-51	04-55
MNST08-	08-53	17-40	MRIO6-	17-50	05-55
MNST09-	09-53	17-38	MRIO7-	17-59	Q0-55
MNST10-	10-53	17-36	MRIO8-	17-53	07-55
MNST11-	11-53	17-34	MRT-	17-51	08-55
MNST12-	12-53	17-32	MSD	16-56	09-55
MNST13-	13-53	17-30	MSD-	18-55	10-55
MNST14-	14-53	17-28	MSEQ-	18-54	11-55
MNST15-	15-53	17-27	MTMOG-	19-71	12-55
MOHO	18-80	17-17 20-48	MWCO	20-52	13-55
MOH1	18-17	17-18 20-49	MWC1	17-59	14-55
MOH2	18-16	17-20 20-50	MWC2	18-54	15-55
MOH3	18-79	17-19 20-51	MWC4	19-71	20-65
MPSA	17-84	18-27	MW24N1-	20-55	16-89
MPSA-	17-89	?0-60	MW24N2-	18-54	36-19
MPSE	18-70	18-89	MW24N3-	19-71	20-38
MPST01-	01-39	17-14			20-35
MPST02-	02-39	17-12			17-85
MPST03-	03-39	17-10			17-86
MPST04-	04-39	17-08			17-87
MPST05-	05-39	17-06			17-88
MPST06-	06-39	17-04			01-76
MPST07-	07-39	17-02			02-76
MPST08-	08-39	17-03			03-76
MPST09-	09-39	17-05			05-76
MPST10-	10-39				06-76
					07-76
					08-76
					09-76
					10-76
					11-76
					17-07

Table 2-2. Card File Signal and Source/Destination Data (Cont)

SIGNAL NAME	SOURCE	DESTINATION
MW24N4-	17-65	12-76 13-76 14-76 15-76
MW2401-	17-74	01-30 02-30 03-30
MW2402-	17-75	04-30 05-30 06-30 07-30
MW2403-	17-71	08-30 09-30 10-30 11-30
MW2404-	17-73	12-30 13-30 14-30 15-30
MW28	18-20	19-76
MW29	18-78	17-77
M24EOS2	i7-79	20-70
OOT01-	01-81	20-06
OOT02-	02-81	20-07
OOT03-	03-81	20-08
OOT04-	04-81	20-09
OOT05-	05-81	20-05
OOT06-	06-81	20-04
OOT07-	07-81	20-03
OOT08-	08-81	20-16
OOT09-	09-81	20-10
OOT10-	10-81	20-15
OOT11-	11-81	20-14
OOT12-	12-81	20-13
OOT13-	13-81	20-12
OOT14-	14-81	20-11
OOT15-	15-81	20-02
RI	36-58	38-55
RO	16-62	17-55
ST1-	37-22	01-75 02-75 03-75 04-75 05-75

SIGNAL NAME	SOURCE	DESTINATION
ST1-(Cont)	37-22	06-75 07-75 08-75 09-75 10-75 11-75 12-75 13-75 14-75 15-75 21-50 22-50 23-50 24-50 25-50 26-50 27-50 28-50 29-50 30-50 31-50 32-50 33-50 34-50 35-50 16-57 17-82 18-67 19-65 20-21 36-12 38-82 39-67 40-65 01-84 02-84 03-84 04-84 05-84 06-84 07-84 08-84 09-84 10-84
ST2-	37-21	
T3600A	16-53	
T3600B	16-52	

Table 2-2. Card File Signal and Source/Destination Data (Cont)

SIGNAL NAME	SOURCE	DESTINATION	SIGNAL NAME	SOURCE	DESTINATION
T3600C	16-50	11-84 12-84 13-84 14-84 15-84	T4800B	16-54	06-80 07-80 08-80 09-80 10-80
T4800A	16-55	01-80 02-80 03-80 04-80 05-80	T4800C	16-51	11-80 12-80 13-80 14-80 15-80

SECTION III

WIRE RUNNING LISTS

3-1. GENERAL.

3-2. The wire running lists in this section are provided as troubleshooting aids for performing continuity checks between the power supply, the front and back panels, the card file assembly, and the fan assembly. The physical location of each cable assembly or wiring harness in the multiplexer set is shown in an associated figure. Designators A1 through AS represent the following major multiplexer set components in the wire run lists.

- A1 - Power supply
- A2 - Front panel
- A3 - Rear panel
- A4 - Fan assembly
- A5 - Card file assembly

3-3. CABLE ASSEMBLY W1.

3-4. Cable assembly W1 (branched dc power wiring harness) is shown in figure 3-1. This cable assembly connects the power supply to the card file assembly. The wire running list is presented in table 3-1.

3-5. CHASSIS POWER WIRING HARNESS.

3-6. The chassis power wiring harness is shown in figure 3-2. This wiring harness connects interlock switch S1 and the fan assembly to primary power. The wire running list is presented in table 3-2.

3-7. CABLE ASSEMBLY W3.

3-8. Cable assembly W3 is shown in figure 3-3. This cable assembly interconnects the primary power source, the power supply, the front panel, and the

Table 3-1. Cable Assembly W1
Wire Running List

Wire No.	From LUG	To LUG	Function
1	ASE4	A1TB1-1	+12V
2	A5E2	A1TB1-2	+12V COMM
3	A5E2	A1W2-1	+SV COMM
4	A5E3	A1TB1-3	-12V
5	A5E1	A1W1-1	+5V

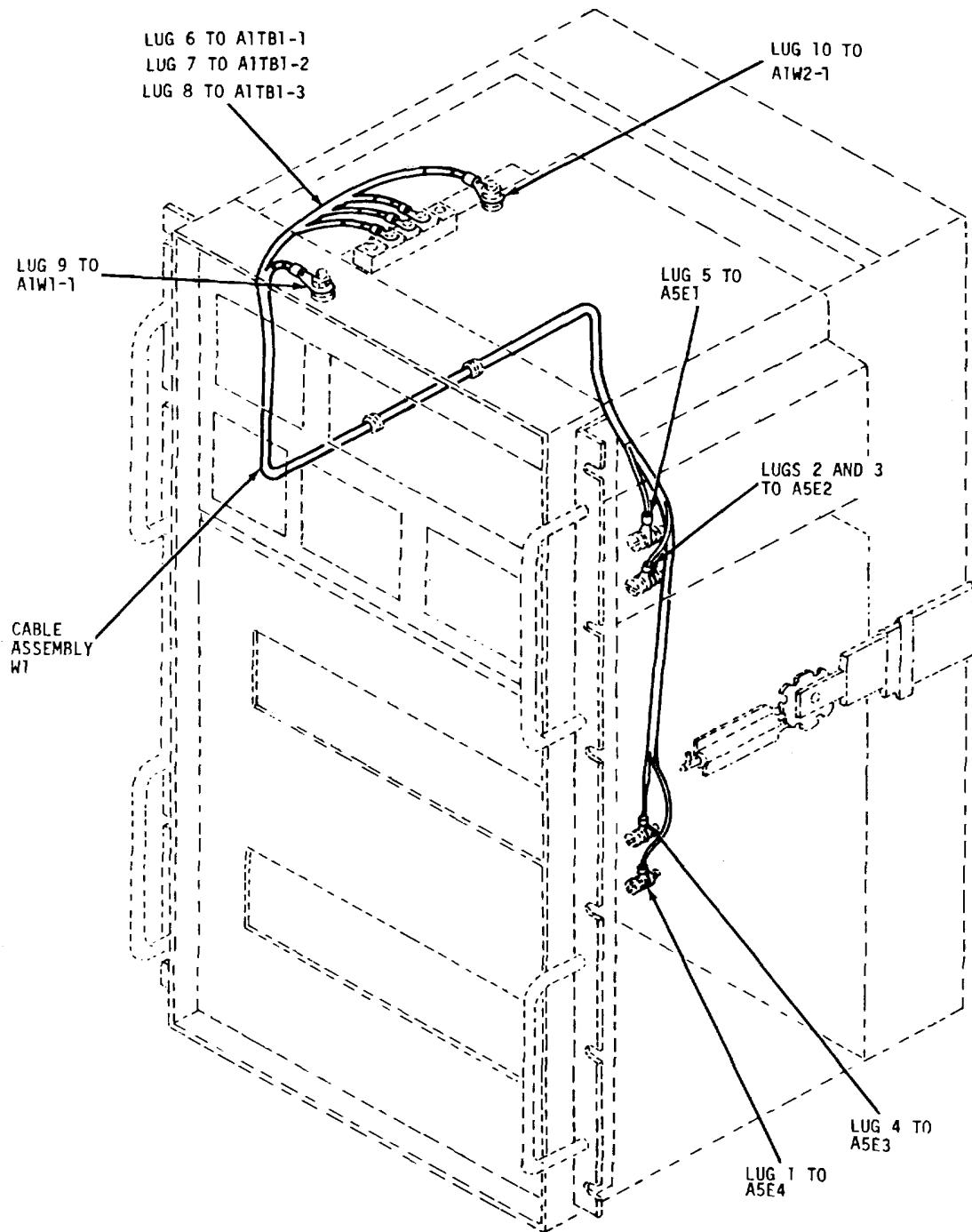
Table 3-2. Chassis Power Wiring Harness Wiring Running List'

Wire No.	From	To
1	FL1-2	S1B-C
2	FL2-2	S1A-C
3	S1A-NO	EI
4	EI	P1-C
5	E2	P1-B
6	S1B-NO	P1-D

filters for the interlock switch an assembly. The wire running list is presented in table 3-3. Entries in table 3-3 designated as STP A, STP D, E, and STP F are shield connections cable assembly W3.

3-9. TWINAX PANEL WIRING.

3-10. The Twinax panel cables are in figure 3-4. These cables connect back panel connectors to the card file assembly and to cable assembly W3. The wire running list is presented in table 3-4.

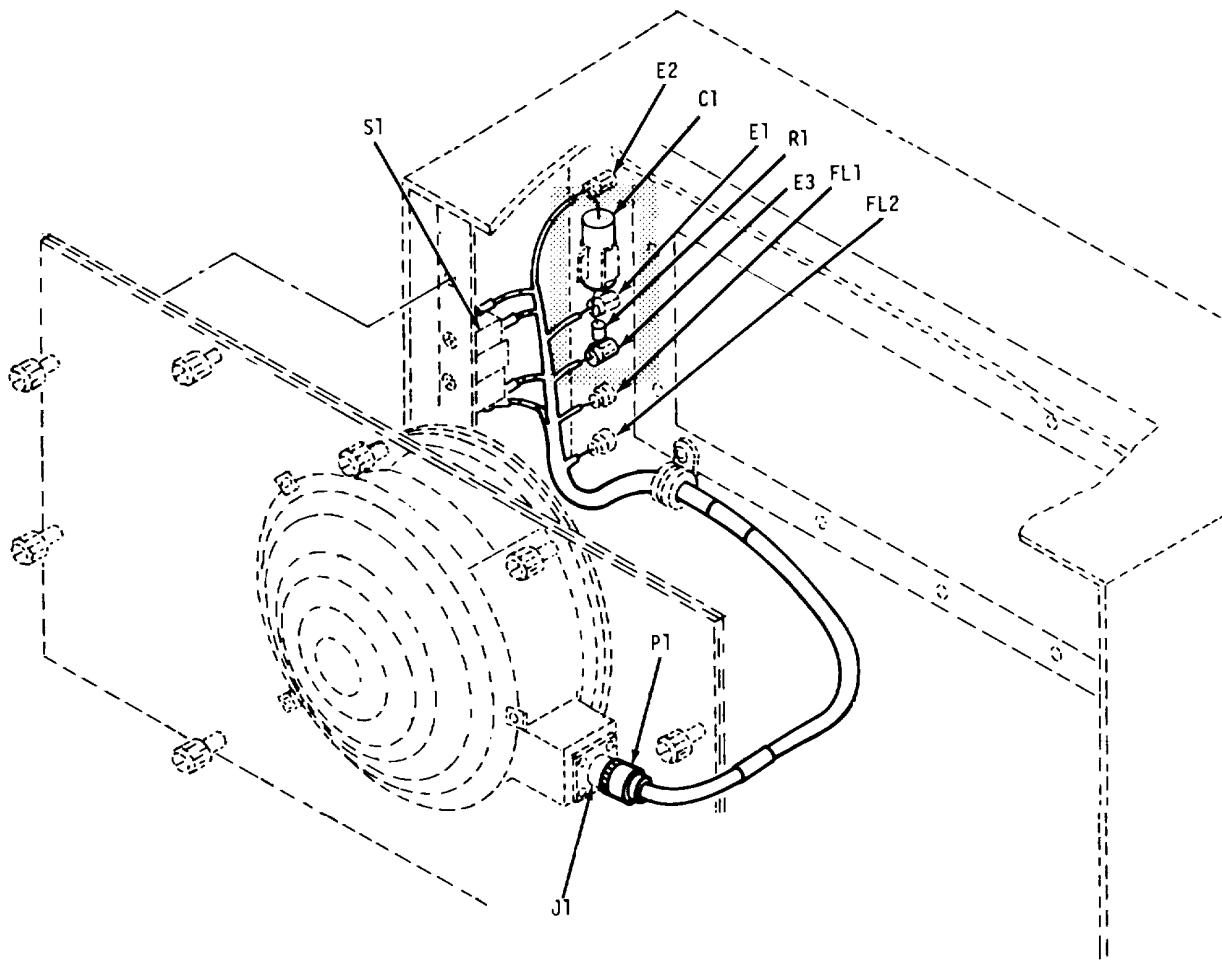


A1 - POWER SUPPLY

A5 - CARD FILE ASSEMBLY

6186-164

Figure 3-1. Cable Assembly W1 - Physical Location



6186-165A

3-11. CARD FILE ASSEMBLY BACKPLANE WIRING.

3-12. The backplane wiring provides interconnections between the printed circuit cards in the card file assembly and between the cards and electrical connectors J1 and J2 on the assembly. These wire runs are presented in the wire running list in table 3-5.

Table 3-6 is the wire running list for wire runs between the printed circuit cards in the card file assembly and the capacitor assembly that is attached to the backplane assembly. Figure 3-5 shows the locations of the card connectors, and card connector pins on the card file assembly. The illustration also shows the location of electrical connectors J1 and J2 and the capacitor assembly.

Change 1 3-3

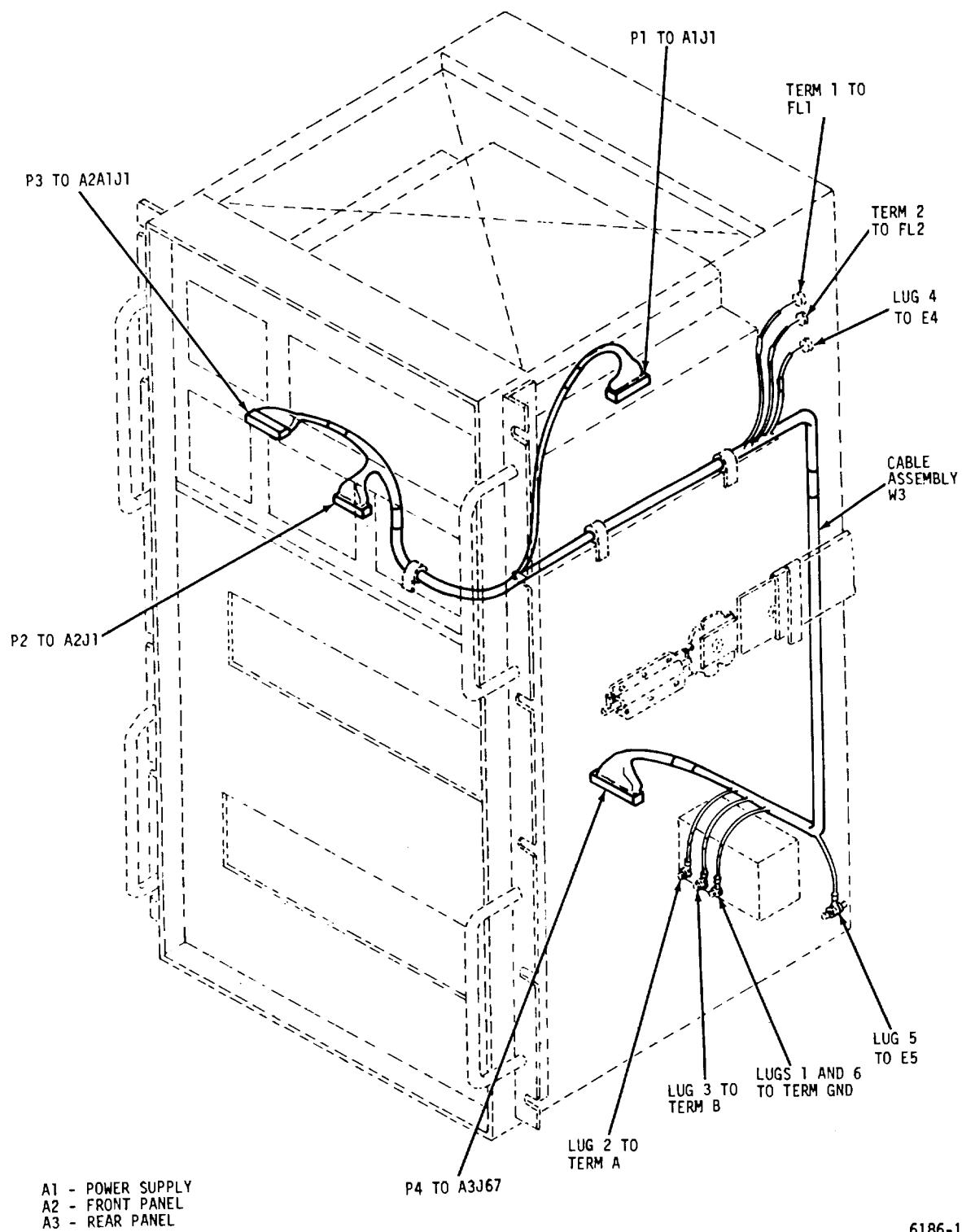


Figure 3-3. Cable Assembly W3 - Physical Location

Table 3-3. Card Assembly W3 Wire Running List

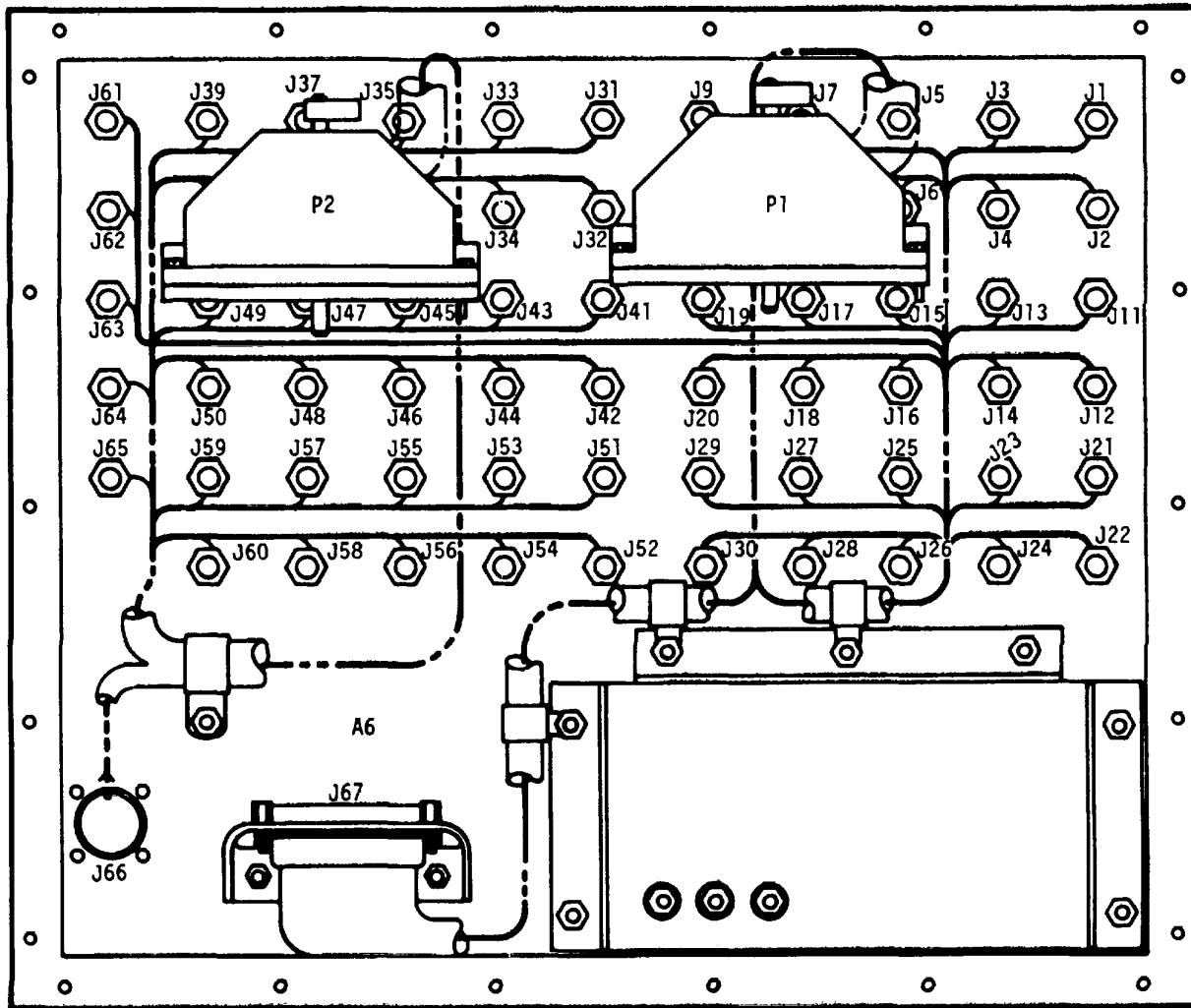
From	To	Signal Name
P1-1	P3-35	PSFLT-
P1-2	P3-36	PSF-
P1-3	P3-4	+12 PSF
P1-4	P4-33	-12PSFR
P1-5	P3-5	IPSE-
P1-6	P4-48	STPS
P1-7	P4-49	PSFR
P1-8	P3-6	HOT-
P1-9	P4-50	HOT
P1-A1	STP F	SHLD 4
P1-A2	P2-A3	ACPSH
P1-A3	P2-A4	ACPSN
P2-1	FL1 TERM 1	ACFANN-
P2-2	FL2 TERM 1	ACFANH
P2-5	STPA	CHS GND
P2-A1	LUG NO. 2	ACINH
P2-A2	LUG NO. 3	ACINN
P2-A3	P1-A2	ACPSH
P2-A4	P1-A3	ACPSN
P3-1	P4-1	STS
P3-2	P4-2	RTA
P3-3	P4-3	+12V
P3-4	P1-3	+12 PSF
P3-5	P1-5	IPSE-
P3-6	P1-8	HOT-
P3-7	P4-4	TEMPC2
P3-8	P4-5	TEMPC1
P3-9	P4-6	+5V1
P3-10	P4-7	TOO
P3-11	P4-8	RBI-
P3-12	P4-9	TA1
P3-13	P4-10	UAO
P3-14	P4-11	UA3
P3-15	P4-12	UA2
P3-16	P4-13	UA1
P3-17	P4-14	GND1
P3-18	P4-15	LT
P3-25	P4-16	+5V2
P3-33	P4-17	GND2
P3-34	P4-34	LDCRD
P3-35	Pi-I	PSFLT-
P3-36	P1-2	PSF-
P3-37	P4-35	GND4
P3-38	P4-36	STS-

From	To	Signal Name
P3-39	P4-37	ERSTSW
P3-40	P4-38	ERSTSW-
P3-41	P4-39	LMOOT
P3-42	P4-40	+5V3
P3-43	P4-41	LMCRD
P3-45	P4-42	LDTIM
P3-46	P4-43	LMTIM
P3-47	P4-44	LLER
P3-48	P4-45	LLOFB
P3-49	P4-46	LLOFA
P3-50	P4-47	GND3
P4-1	P3-1	STS
P4-2	P3-2	RTA
P4-3	P3-3	+12V
P4-4	P3-7	TEMPC2
P4-5	P3-8	TEMPC1
P4-6	P3-9	+5V1
P4-7	P3-10	TAO
P4-8	P3-11	RBI-
P4-9	P3-12	TA1
P4-10	P3-13	UAO
P4-11	P3-14	UA3
P4-12	P3-15	UA2
P4-13	P3-16	UA1
P4-14	P3-17	GND1
P4-15	P3-18	LT
P4-16	P3-25	+5V2
P4-17	P3-33	GND2
P4-33	P1-4	-12PSFR
P4-34	P3-34	LDCRD
P4-35	P3-37	GND4
P4-36	P3-38	STS-
P4-37	P3-39	ERSTSW
P4-38	P3-40	ERSTSW-
P4-39	P3-41	LMOOT
P4-40	P3-42	+5V3
P4-41	P3-43	LMCRD
P4-42	P3-45	LDTIM
P4-43	P3-46	LMTIM
P4-44	P3-47	ILER
P4-45	P3-48	LLOFB
P4-46	P3-49	LLOFA
P4-47	P3-50	GND3
P4-48	P1-6	STPS

Table 3-3. Cable Assembly W3 Wire Running List (Cont)

From	To	Signal Name
F4-49	P1-7	PSFR
F4-50	PI-9	HOT
STP A	P2-5	CHS GND
STP D	LUG NO. 1	SHLD 1
STP E	LUG NO. 4	SHLD 5
STP F	P1-A1	SHLD 4
FL1 TERM 1	P2-1	ACFANN

From	To	Signal Name
FL2 TERM 1	P2-2	ACFANH
LUG NO. 1	STP D	SHLD 1
LUG NO. 2	PA-A1	ACINH
LUG NO. 3	P2-A2	ACINN
LUG NO. 4	STP E	SHLD 5
LUG NO. 5	LUG 6	CHS GND
LUG 6	LUG NO. 5	CHS GND



NOTE: P1 AND P2 MATE WITH J1 AND J2 ON REAR OF BACKPLANE WIRING PANEL (ON CARD FILE ASSEMBLY).

6186-171

Figure 3-4. Twinax Connector Panel Locations - Rear View

Table 3-4. Twinax Panel Wire Running List

From	To	Signal Name	From	To	Signal Name
J1-F	P1-2 <u>c</u>	TI01-	J23-F	P1-2R	TI12-
J1-M	P1-1 <u>c</u>	TI01	J23-M	P1-1R	T112
J2-F	P1-5 <u>c</u>	DI01-	J24-F	P1-SR	DI12-
J2-M	P1-4 <u>c</u>	DI01	J24-M	P1-4R	DI12
J3-F	P1-2 <u>b</u>	TI02-	J25-F	P1-2P	TI13-
J3-M	P1-1 <u>b</u>	TI02	J25-M	P1-1P	TI13
J4-F	P1-5 <u>b</u>	DI02-	J26-F	P1-5P	D113-
J4-M	P1-4 <u>b</u>	DI02	J26-M	P1-4P	DI13
J5-F	P1-2 <u>a</u>	TI03-	J27-F	P1-2N	TI14-
J5-M	P1-1 <u>a</u>	TI03	J27-M	P1-IN	TI14
J6-F	P1-5 <u>a</u>	DI03-	J28-F	P1-5N	DI14-
J6-M	P1-4 <u>a</u>	DI03	J28-M	P1-4N	DI14
J7-F	P1-2Z	TI04-	J29-F	P1-2M	TI15-
J7-M	P1-1Z	TI04	J29-M	P1-1M	TI15
J8-F	P1-5Z	DI04-	J30-F	P1-5M	DI15-
J8-M	P1-4Z	DI04	J30-M	P1-4M	DI15
J9-F	P1-2Y	TI05-	J31-F	P2-2A	TO01-
J9-M	P1-1Y	TI05	J31-M	P2-1A	TO01
J10-F	P1-5Y	DI05-	J32-F	P2-5A	DO01-
J10-M	P1-4Y	DI05	J32-M	P2-4A	DO01
J11-F	P1-2X	TI06-	J33-F	P2-2B	TO02-
J11-M	P1-IX	TI06	J33-M	P2-1B	TO002
J12-F	P1-5X	DI06-	J34-F	P2-5B	D002-
J12-M	P1-4X	DI06	J34-M	P2-4B	D002
J13-F	P1-2W	TI07-	J35-F	P2-2C	T003-
J13-M	P1-1W	TI07	J35-M	P2-1C	TO03
J14-F	P1-5W	DI07-	J36-F	P2-5C	D003-
J14-M	P1-4W	DI07	J36-M	P2-4C	D003
J15-F	P1-2V	TI08-	J37-F	P2-2D	TO004-
J15-M	P1-1V	TI08	J37-M	P2-1D	T004
J16-F	P1-5V	DI08-	J38-F	P2-5D	D004-
J16-M	P1-4V	DI08	J38-M	P2-4D	D004
J17-F	P1-2U	TI09-	J39-F	P2-2E	TO005-
J17-M	P1-1U	T109	J39-M	P2-1E	TO005
J18-F	P1-5U	DI09-	J40-F	P2-5E	DO05-
J18-M	P1-4U	DI09	J40-M	P2-4E	DO05
J19-F	P1-2T	TI10-	J41-F	P2-2F	TO006-
J19-M	P1-1T	TI10	J41-M	P2-1F	TO006
J20-F	P1-5T	DI10-	J42-F	P2-5F	DO006-
J20-M	P1-4T	DI10	J42-M	P2-4F	D006
J21-F	P1-2S	TI11-	J43-F	P2-2G	TO007-
J21-M	P1-1S	TI11	J43-M	P2-1G	TO007
J22-F	P1-5S	DI11-	J44-F	P2-5G	D007-
J22-M	P1-4S	DI11	J44-M	P2-4G	D007

Table 3-4. Twinax Panel Wire Running List (Cont)

From	To	Signal Name	From	To	Signal Name
J45-F	P2-2H	TO08-	J66-C	P2-6Z	LOFBC1
J45-M	P2-1H	T008	J66-D	P2-5Z	LOFBC2
J46-F	P2-5H	D008-	J66-E	P2-6W	FAILC1
J46-M	P2-4H	D008	J66-F	P2-5W	FAILC2
J47-F	P2-2J	TO09-	J66-G	P2-6Y	LERRC1
J47-M	P2-1J	TO09	J66-H	P2-5Y	LERRC2
J48-F	P2-5J	D009-	J66-J	P2-6c	TEMPC1
J48-M	P2-4J	D009	J66-K	P2-5c	TEMPC2
J49-F	P2-2K	TO10-	J66-L	P2-6b	PSFC1
J49-M	P2-1K	TO10	J66-M	P2-5b	PSFC2
J50-F	P2-5K	DO10-	J66-N	P2-6X	OOTC1
J50-M	P2-4K	D010	J66-P	P2-5X	OOTC2
J51-F	P2-2L	TO11-	J67-1	P1-6D	STS
J51-M	P2-1L	TO11	J67-2	P1-6G	RTA
J52-F	P2-5L	DO11-	J67-3	P1-4K	+12V
J52-M	P2-4L	DO11	J67-4	P1-5L	TEMPC2
J53-F	P2-2M	TO12-	J67-5	P1-6L	TEMPC1
J53-M	P2-1M	T012	J67-6	P1-4J	+5V1
J54-F	P2-5M	D012-	J67-7	P1-3E	TAO
J54-M	P2-4M	D012	J67-8	P1-3B	RBI-
J55-F	P2-2N	TO13-	J67-9	P1-3F	TA1
J55-M	P2-1N	TO13	J67-10	P1-2E	UAO
J56-F	P2-5N	D013-	J67-11	P1-2D	UA3
J56-M	P2-4N	DO13	J67-12	P1-3D	UA2
J57-F	P2-2P	TO14-	J67-13	P1-2F	UA1
J57-M	P2-1P	TO14	J67-14	P1-5K	GND1
J58-F	P2-5P	D014-	J67-15	P1-2B	LT
J58-M	P2-4P	D014	J67-16	P1-4H	+5V2
J59-F	P2-2R	TO15-	J67-17	P1-5J	GND2
J59-M	P2-1R	TO15	J67-33	P1-6J	-12 PSFR
J60-F	P2-5R	D015-	J67-34	P1-3A	LDCRD
J60-M	P2-4R	D015	J67-35	P1-4F	GND4
J61-F	P1-2J	TIMOUT-	J67-36	P1-6F	STS-
J61-M	P1-3J	TIMOUT	J67-37	P1-6H	ERSTSW
J62-F	P1-2K	SDATAO-	J67-38	P1-6E	ERSTSW-
J62-M	P1-3K	SDATAO	J67-39	P1-3C	LMOOT
J63-F	P1-2H	TIMIN-	J67-40	P1-4G	+5V3
J63-M	P1-3H	TIMIN	J67-41	P1-3G	LMCRD
J64-F	P2-5U	TM-	J67-42	P1-2C	LDTIM
J64-M	P2-6U	TM+	J67-43	P1-2A	LMTIM
J65-F	P2-5T	DATA-	J67-44	P1-6B	LLER
J65-M	P2-6T	DATA+	L67-45	P1-6C	LLOFB
J66-A	P2-6a	LOFAC1	J67-46	P1-6A	LLOFA
J66-B	P2-5a	LOFAC2	J67-47	P1-5H	GND3

Table 3-4. Twinax Panel Wire Running List (Cont)

From	To	Signal Name
J67-48	P1-5F	STPS
J67-49	P1-6K	PSFR
J67-50	P1-5G	HOT
P1-1M	J29-M	TI15
P1-1N	J27-M	TI14
P1-1P	J25-M	TI13
P1-1R	J23-M	TI12
P1-1S	J21-M	TI11
P1-1T	J19-M	TI10
P1-1U	J17-M	TI09
P1-1V	J15-M	TI08
P1-1W	J13-M	TI07
P1-1X	J11-M	TI06
P1-1Y	J9-M	TI05
P1-1Z	J7-M	TI04
P1-1a	J5-M	TI03
P1-1c	J1-M	TI01
P1-1b	J3-M	TI02
P1-2A	J67-43	LMTIM
P1-2B	J67-15	LT
P1-2C	J67-42	LDTIM
P1-2D	J67-11	UA3
P1-2E	J67-10	UAO
P1-2F	J67-13	UA1
P1-2H	J63-F	TIMIN-
P1-2J	J61-F	TIMOUT-
P1-2K	J62-F	SDATAAO-
P1-2M	J29-F	TI15-
P1-2N	J27-F	TI14-
P1-2P	J25-F	TI13-
P1-2R	J23-F	TI12-
P1-2S	J21-F	T111-
P1-2T	J19-F	TI10-
P1-2U	J17-F	TI09-
P1-2V	J15-F	TI08-
P1-2W	J13-F	TI07-
P1-2X	J11-F	TI06-
P1-2Y	J9-F	TI05-
P1-2Z	J7-F	TI04-
P1-2a	J5-F	TI03-
P1-2b	J3-F	TI02-
P1-2c	J1-F	TI01-
P1-3A	J67-34	LDCRD
P1-3B	J67-8	RBI-

From	To	Signal Name
P1-3C	J67-39	LMOOT
P1-3D	J67-12	UA2
P1-3E	J67-7	TAO
P1-3F	J67-9	TA1
P1-3G	J67-41	LMCRD
P1-3H	J63-M	TIMIN
P1-3J	J61-M	TIMOUT
P1-3K	J62-M	SDATAAO
P1-4F	J67-35	GND4
P1-4G	J67-40	+5V3
P1-4H	J67-16	+5V2
P1-4J	J67-6	+5V1I
P1-4K	J67-3	+12V
P1-4M	J30-M	DI15
P1-4N	J28-M	DI14
P1-4P	J26-M	DI13
P1-4R	J24-M	DI12
P1-4S	J22-M	DI11
P1-4T	J20-M	DI10
P1-4U	J18-M	DI09
P1-4V	J16-M	DI08
P1-4W	J14-M	DI07
P1-4X	J12-M	DI06
P1-4Y	J10-M	D105
P1-4Z	J8-M	DI04
P1-4a	J6-M	DI03
P1-4b	J4-M	DI02
P1-4c	J2-M	DI01
P1-5F	J67-48	STPS
P1-5G	J67-50	HOT
P1-5H	J67-47	GND3
P1-5J	J67-17	GND2
P1-5K	J67-14	GND1
P1-5L	J67-4	TEMPC2
P1-5M	J30-F	DI15-
P1-5N	J28-F	DI14-
P1-5P	J26-F	DI13-
P1-5R	J24-F	DI12-
P1-5S	J22-F	DI11-
P1-5T	J20-F	DI10-
P1-5U	J18-F	DI09-
P1-5V	J16-F	DI08-
P1-5W	J14-F	DI07-
P1-5X	J12-F	DI06-

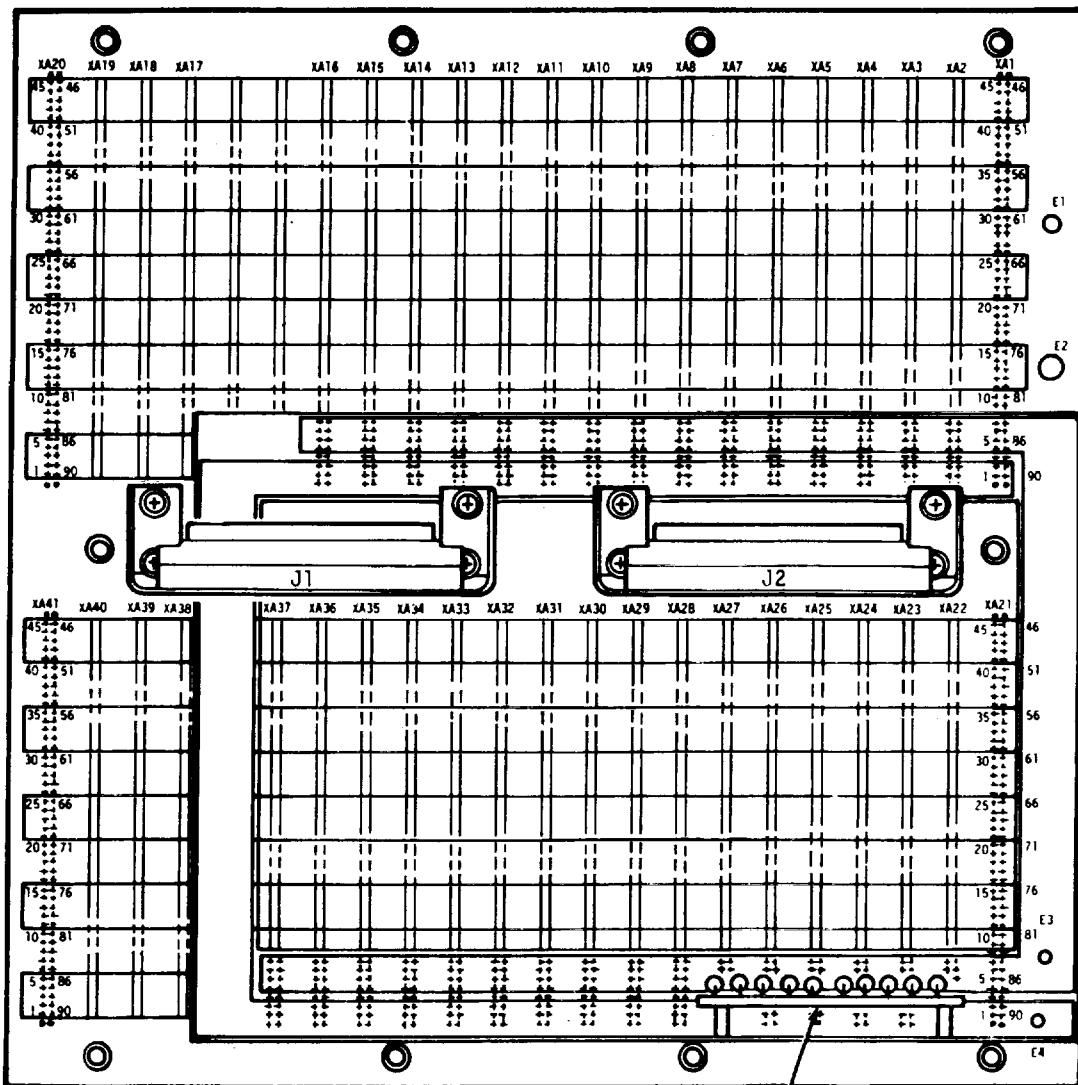
Table 3-4. Twinax Panel Wire Running List (Cont)

SIGNAL NAME	SOURCE	DESTINATION	SIGNAL NAME	SOURCE	DESTINATION
P1-5Y	J10-F	DI05-	P2-2P	J57-F	TO14-
P1-5Z	J8-F	DI04-	P2-2R	J59-F	T015-
P1-5a	J6-F	DI03-	P2-4A	J32-M	DO01
P1-5b	J4-F	DI02-	P2-4B	J34-M	D002
P1-5c	J2-F	DI01-	P2-4C	J36-M	D003
P1-6A	J67-46	LLOFA	P2-4D	J38-M	D004
P1-6B	J67-44	LLER	P2-4E	J40-M	D005
P1-6C	J67-45	LLOFB	P2-4F	J42-M	D006
P1-6D	J67-1	STS	P2-4G	J44-M	D007
P1-6E	J67-38	ERSTSW-	P2-4H	J46-M	D008
P1-6F	J67-36	STS-	P2-4J	J48-M	D009
P1-6G	J67-2	RTA	P2-4K	J50-M	D010
P1-6H	J67-37	ERSTSW	P2-4L	J52-M	D011
P1-6J	J67-33	-12 PSFR	P2-4M	J54-M	D012
P1-6K	J67-49	PSFR	P2-4N	J56-M	D013
P1-6L	J67-5	TEMPC1	P2-4P	J58-M	D014
P2-1A	J31-M	TO01	P2-4R	J60-M	DO15
P2-1B	J33-M	TO02	P2-5A	J32-F	DO01-
P2-1C	J35-M	TO03	P2-5B	J34-F	D002-
P2-1D	J37-M	TO04	P2-5C	J36-F	D003-
P2-1E	J39-M	TO05	P2-5D	J38-F	D004-
P2-1F	J41-M	TO06	P2-5E	J40-F	D005-
P2-1G	J43-M	TO07	P2-5F	J42-F	D006-
P2-1H	J45-M	TO08	P2-5G	J44-F	D007-
P2-1J	J47-M	TO09	P2-5H	J46-F	D008-
P2-1K	J49-M	TO10	P2-5J	J48-F	D009-
P2-1L	J51-M	TO11	P2-5K	J50-F	D010-
P2-1M	J53-M	TO12	P2-5L	J52-F	D011-
P2-1N	J55-M	TO13	P2-5M	J54-F	D012-
P2-1P	J57-M	TO14	P2-5N	J56-F	D013-
P2-1R	J59-M	TO15	P2-5P	J58-F	D014-
P2-2A	J31-F	TO01-	P2-5R	J60-F	D015-
P2-2B	J33-F	TO02-	P2-5T	J65-F	DATA-
P2-2C	J35-F	TO03-	P2-5U	J64-F	TM-
P2-2D	J37-F	TO04-	P2-5W	J66-F	FAILC2
P2-2E	J39-F	TO05-	P2-5X	J66-P	00TC2
P2-2F -	J41-F	TO06-	P2-5Y	J66-H	LERRC2
P2-2G	J43-F	TO07-	P2-5Z	J66-D	LOFBC2
P2-2H	J45-F	TO08-	P2-5a	J66-B	LOFAC2
P2-2J	J47-F	TO09-	P2-5b	J66-M	PSFC2
P2-2K	J49-F	TO10-	P2-5c	J66-K	TEMPC2
P2-2L	J51-F	TO11-	P2-6T	J65-M	DATA+
P2-2M	J53-F	TO12-	P2-6U	J64-M	TM+
P2-2N	J55-F	TO13-	P2-6W	J66-E	FAILC1

Table 3-4. Twinax Panel Wire Running List (Cont)

SIGNAL NAME	SOURCE	DESTINATION
P2-6X	J66-N	OOTC1
P2-6Y	J66-G	LERRC1
P2-6Z	J66-C	LOFBC1

SIGNAL NAME	SOURCE	DESTINATION
P2-6a	J66-A	LOFAC1
P2-6b	J66-L	PSFC1
P2-6c	J66-J	TEMPC1



NOTE: J1 AND J2 MATE WITH P1 AND P2 ON REAR OF TWINAX CONNECTOR PANEL.

CAPACITOR
ASSEMBLY
TB1

6186-151

Figure 3-5. Card File Assembly Connector Locations - Rear View

Table 3-5. Card File Assembly Backplane Wire Running List (Cont)

From	To	Signal Name	From	To	Signal Name
J1-1M	XA15-83	TI15	J1-3F	XA20-72	TA1
J1-1N	XA14-83	TI14	J1-3G	XA20-67	LMCRD
J1-1P	XA13-83	T113	J1-3H	XA16-77	TIMIN
J1-1R	XA12-83	TI12	J1-3J	XA16-63	TIMOUT
J1-1S	XAI1-83	TI11	J1-3K	XA16-79	SDATAO
J1-1T	XA10-83	TI10	J1-3M	XA15-07	TERT15
J1-1U	XA09-83	TI09	J1-3N	XA14-07	TERT14
J1-1V	XA08-83	TI08	J1-3P	XA13-07	TERT13
J1-1W	XA07-83	TI07	J1-3R	XA12-07	TERT12
J1-1X	XA06-83	TI06	J1-3T	XA10-07	TERT10
J1-1Y	XA05-83	TI05	J1-3U	XA09-07	TERT09
J1-1Z	XA04-83	TI04	J1-3V	XA08-07	TERT08
J1-1a	XA03-83	TI03	J1-3W	XA07-07	TERT07
J1-1b	XA02-83	TI02	J1-3X	XA06-07	TERT06
J1-1c	XA01-83	TI01	J1-3Y	XA05-07	TERT05
J1-2A	XA20-80	LMTIM	J1-3X	XA04-07	TERT04
J1-2B	XA20-17	LT	J1-3a	XA03-07	TERT03
J1-2C	XA20-76	LDTIM	J1-3b	XA02-07	TERT02
J1-2D	XA20-74	UA3	J1-3c	XA01-07	TERT01
J1-2E	XA20-22	UAO	J1-3s	XAI1-07	TERT11
J1-2F	XA20-71	UA1	J1-4F	XA19-01	GND4
J1-2H	XA16-76	TIMIN-	J1-4G	XA18-47	+5V3
J1-2J	XA16-64	TIMOUT-	J1-4H	XA17-47	+5V2
J1-2K	XA16-78	SDATAO-	J1-4J	XA17-46	+5V1
J1-2M	XA15-85	TI15-	J1-4K	XA16-01	+12V
J1-2N	XA14-85	TI14-	J1-4M	XA15-87	DI15
J1-2P	XA13-85	TI13-	J1-4N	XA14-87	DI14
J1-2R	XA12-85	TI12-	J1-4P	XA13-87	DI13
J1-2S	XAI1-85	TI11-	J1-4R	XA12-87	DI12
J1-2T	XA10-85	TI10-	J1-4S	XAI1-87	DI11
J1-2U	XA09-85	TI09-	J1-4T	XA10-87	DI10
J1-2V	XA08-85	TI08-	J1-4U	XA09-87	DI09
J1-2W	XA07-85	TI07-	J1-4V	XA08-87	DI08
J1-2X	XA06-85	TI06-	J1-4W	XA07-87	DI07
J1-2Y	XA05-85	TI05-	J1-4X	XA06-87	DI06
J1-2Z	XA04-85	TI04-	J1-4Y	XA05-87	DI05
J1I-2a	XA03-85	TI03-	J1-4Z	XA04-87	DI04
J1-2b	XA02-85	TI02-	J1-4a	XA03-87	DI03
J1-2c	XA01-85	TI01-	J1-4b	XA02-87	DI02
J1-3A	XA20-81	LDCRD	J1-4c	XA01-87	DI01
J1-3B	XA20-78	RBI-	J1-5F	XA17-24	STPS
J1-3C	XA20-77	LMOOT	J1-5G	XA19-90	HOT
J1-3D	XA20-75	UA2	J1-5H	XA18-01	GND3
J1-3E	XA20-73	TAO	J1-5J	XA18-90	GND2
			J1-5K	XA17-01	GND1

Table 3-5. Card File Assembly Backplane Wire Running List (Cont)

From	To	Signal Name	From	To	Signal Name
J1-5L	J2-5c	TEMPC2	J2-1C	XA23-77	TO03
J1-5M	XA15-88	DI15-	J2-1D	XA24-77	TO04
J1-5N	XA14-88	DI14-	J2-1E	XA25-77	TO05
J1-5P	XA13-88	DI13-	J2-1F	XA26-77	TO06
J1-5R	XA12-88	DI12-	J2-1G	XA27-77	TO07
J1-5S	XAI1-88	DI11-	J2-1H	XA28-77	TO08
J1-5T	XA10-88	DI10-	J2-1J	XA29-77	TO09
J1-5U	XA09-88	DI09-	J2-1K	XA30-77	TO10
J1-5V	XA08-88	D108-	J2-1L	XA31-77	Toll
J1-5W	XA07-88	DI07-	J2-1M	XA32-77	TO12
J1-5X	XA06-88	DI06-	J2-1N	XA33-77	TO13
J1-5Y	XA05-88	DI05-	J2-1P	XA34-77	TO14
J1-5Z	XA04-88	DI04-	J2-1R	XA35-77	TO15
J1-5a	XA03-88	DI03-	J2-2A	XA21-78	TO01-
J1I-5b	XA02-88	DI02-	J2-2B	XA22-78	TO02-
J1-5c	XA01-88	DI01-	J2-2C	XA23-78	TO03-
J1-6A	XA37-83	LLOFA	J2-2D	XA24-78	TO04-
J1-6B	XA37-81	LLER	J2-2E	XA25-78	TO05-
J1-6C	XA37-80	LLOFB	J2-2F	XA26-78	TO06-
J1-6D	XA37-74	STS	J2-2G	XA27-78	TO07-
J1-6E	XA37-73	ERSTSW-	J2-2H	XA28-78	TO08-
J1-6F	XA37-67	STS-	J2-2J	XA29-78	TO09-
J1-6G	XA37-26	RTA	J2-2K	XA30-78	TO10-
J1-6H	XA37-27	ERSTSW	J2-2L	XA31-78	TOII-
J1-6J	XA37-63	-12 PSFR	J2-2M	XA32-78	TO12-
J1-6K	XA37-61	PSFR	J2-2N	XA33-78	TO13-
J1-6L	J2-6c	TEMPC1	J2-2P	XA34-78	TO14-
J1-6M	XA15-89	TERD15	J2-2R	XA35-78	TO15-
J1-6N	XA14-89	TERD14	J2-3A	XA21-13	GT01
J1-6P	XA13-89	TERD13	J2-3B	XA22-13	GT02
J1-6R	XA12-89	TERD12	J2-3C	XA23-13	GT03
J1-6S	XAI1-89	TERD11	J2-3D	XA24-13	GT04
J1-6T	XA10-89	TERD10	J2-3E	XA25-13	GT05
J1-6U	XA09-89	TERD09	J2-3F	XA26-13	GT06
J1-6V	XA08-89	TERD08	J2-3G	XA27-13	GT07
J1-6W	XA07-89	TERD07	J2-3H	XA28-13	GT08
J1-6X	XA06-89	TERD06	J2-3J	XA29-13	GT09
J1-6Y	XA05-89	TERD05	J2-3K	XA30-13	GT10
J1-6Z	XA04-89	TERD04	J2-3L	XA31-13	GTI1
J1-6a	XA03-89	TERD03	J2-3M	XA32-13	GT12
J1-6b	XA02-89	TERD02	J2-3N	XA33-13	GT13
J1-6c	XA01-89	TERD01	J2-3P	XA34-13	GT14
J2-1A	XA21-77	TO01	J2-3R	XA35-13	GT15
J2-1B	XA22-77	TO02	J2-4A	XA21-06	DO01

Table 3-5. Card File Assembly Backplane Wire Running List (Cont)

From	To	Signal Name	From	To	Signal Name
J2-4B	XA22-06	D002	J2-6H	XA28-87	GD08
J2-4C	XA23-06	DO03	J2-6J	XA29-87	GD09
J2-4D	XA24-06	D004	J2-6K	XA30-87	GD10
J2-4E	XA25-06	DO05	J2-6L	XA31-87	GDII
J2-4F	XA26-06	DO06	J2-6M	XA32-87	GD12
J2-4G	XA27-06	DO07	J2-6N	XA33-87	GD13
J2-4H	XA28-06	D008	J2-6P	XA34-87	GD14
J2-4J	XA29-06	DO09	J2-6R	XA35-87	GD15
J2-4K	XA30-06	DO10	J2-6T	XA36-88	DATA+
J2-4L	XA31-06	DO11	J2-6U	XA36-02	TM+
J2-4M	XA32-06	DO12	J2-6W	XA37-02	FAILC1
J2-4N	XA33-06	DO13	J2-6X	XA37-04	OOTC1
J2-4P	XA34-06	DO14	J2-6Y	XA37-07	LERRC1
J2-4R	XA35-06	DO15	J2-6Z	XA37-10	LOFBC1
J2-5A	XA21-04	DO01-	J2-6a	XA37-12	LOFAC1
J2-5B	XA22-04	D002-	J2-6b	XA37-64	PSFC1
J2-5C	XA23-04	D003-	XA01-07	JI-3c	TERT01
J2-5D	XA24-04	D004-	XA01-29	XA18-31	MDTO01
J2-5E	XA25-04	DO05-	XA01-30	XA02-30	MW2401-
J2-5F	XA26-04	D006-	XA01-35	XA02-35	MMF31A-
J2-5G	XA27-04	DO07-	XA01-39	XA17-14	MPST01-
J2-5H	XA28-04	D008-	XA01-53	XA17-29	MNST01-
J2-5J	XA29-04	DO09-	XA01-55	XA17-58	MRI01-
J2-5K	XA30-04	DO10-	XA01-56	XA02-56	MEOS3N1
J2-5L	XA31-04	DO11-	XA01-57	XA18-07	MGC01
J2-5M	XA32-04	D012-	XA01-65	XA02-65	ERST-
J2-5N	XA33-04	D013-	XA01-75	XA02-75	ST1-
J2-5P	XA34-04	DO14-	XA01-75	XA21-50	ST1-
J2-5R	XA35-04	DO15-	XA01-76	XA02-76	MW24N1-
J2-5T	XA36-89	DATA-	XA01-80	XA02-80	T4800A
J2-5U	XA36-87	TM-	XA01-81	XA20-06	OOT01-
J2-5W	XA37-03	FAILC2	XA01-83	J1-1c	TI01
J2-5X	XA37-06	OOTC2	XA01-84	XA02-84	T3600A
J2-5Y	XA37-08	LERRC2	XA01-85	J1-2c	TIO1-
J2-5Z	XA37-11	LOFBC2	XA01-87	J1-4c	DI01
J2-5a	XA37-13	LOFAC2	XA01-88	J1-5c	DI01-
J2-5b	XA37-62	PSFC2	XA01-89	J1-6c	TERD01
J2-6A	XA21-87	GD01	XA02-07	J1-3b	TERT02
J2-6B	XA22-87	GD02	XA02-29	XA18-32	MDTO02
J2-6C	XA23-87	GD03	XA02-30	XA01-30	MW2401-
J2-6D	XA24-87	GD04	XA02-30	XA03-30	MW2401-
J2-6E	XA25-87	GD05	XA02-35	XA01-35	MMF31A-
J2-6F	XA26-87	GD06	XA02-35	XA03-35	MMF31A-
J2-6G	XA27-87	GD07	XA02-39	XA17-12	MPST02-

Table 3-5. Card File Assembly Backplane Wire Running List (Cont)

From	To	Signal Name	From	To	Signal Name
XA02-53	XA17-31	MNST02-	XA03-84	XA02-84	T3600A
XA02-55	XA03-55	MRI02-	XA03-84	XA04-84	T3600A
XA02-56	XA01-56	MEOS3N1	XA03-85	<u>Jl-2a</u>	TI03-
XA02-56	XA03-56	MEOS3N1	XA03-87	<u>Jl-4a</u>	DI03
XA02-57	XA18-06	MGC02	XA03-88	<u>Jl-5a</u>	DI03-
XA02-65	XA01-65	ERST-	XA03-89	<u>J1-6a</u>	TERD03
XA02-65	XA03-65	ERST-	XA04-07	<u>J1-3Z</u>	TERT04
XA02-75	XA01-75	ST1-	XA04-29	XA18-34	MDTO04
XA02-75	XA03-75	ST1-	XA04-30	XA05-30	MW2402-
XA02-76	XA01-76	MW24NI-	XA04-35	XA03-35	MMF31A-
XA02-76	XA03-76	MW24N1-	XA04-35	XA05-35	MMF31A-
XA02-80	XA01-80	T4800A	XA04-39	XA17-08	MPST04-
XA02-80	XA03-80	T4800A	XA04-53	XA17-35	MNST04-
XA02-81	XA20-07	OOT02-	XA04-55	XA05-55	MRI03-
XA02-83	<u>JI-1b</u>	T102	XA04-56	XA05-56	MEOS3N2
XA02-84	XA01-84	T3600A	XA04-57	XA18-02	MGC04
XA02-84	XA03-84	T3600A	XA04-65	XA03-65	ERST-
XA02-85	<u>JI-2b</u>	TI02-	XA04-65	XA05-65	ERST-
XA02-87	<u>JI-4b</u>	DI02	XA04-75	XA03-75	ST1-
XA02-88	<u>JI-5b</u>	DI02-	XA04-75	XA05-75	ST1-
XA02-89	<u>JI-6b</u>	TERD02	XA04-76	XA05-76	MW24N2-
XA03-07	<u>J1-3a</u>	TERT03	XA04-80	XA03-80	T4800A
XA03-29	XA18-33	MDTO03	XA04-80	XA05-80	T4800A
XA03-30	XA02-30	MW2401-	XA04-81	XA20-09	OOT04-
XA03-30	XA17-74	MW2401-	XA04-83	<u>JI-Iz</u>	TI04
XA03-35	XA02-35	MMF31A-	XA04-84	XA03-84	T3600A
XA03-35	XA04-35	MMF31A-	XA04-84	XA05-84	T3600A
XA03-39	XA17-10	MPST03-	XA04-85	<u>J1-2Z</u>	TI04-
XA03-53	XA17-33	MNST03-	XA04-87	<u>J1-4Z</u>	DI04
XA03-55	XA02-55	MRI02-	XA04-88	<u>J1-5Z</u>	DI04-
XA03-55	XA17-57	MRI02-	XA04-89	<u>J1-6Z</u>	TERD04
XA03-56	XA02-56	MEOS3N1	XA05-07	<u>J1-3Y</u>	TERT05
XA03-56	XA17-66	MEOS3N1	XA05-29	XA18-58	MDT005
XA03-57	XA18-05	MGC03	XA05-30	XA04-30	MW2402-
XA03-65	XA02-65	ERST-	XA05-30	XA06-30	MW2402-
XA03-65	XA04-65	ERST-	XA05-35	XA04-35	MMF31A-
XA03-75	XA02-75	ST1-	XA05-35	XA18-51	MMF31A-
XA03-75	XA04-75	ST1-	XA05-39	XA17-06	MPST05-
XA03-76	XA02-76	MW24N1-	XA05-53	XA17-37	MNST05-
XA03-76	XA17-69	MW24N1-	XA05-55	XA04-55	MRI03-
XA03-80	XA02-80	T4800A	XA05-55	XA17-56	MRI03-
XA03-80	XA04-80	T4800A	XA05-56	XA04-56	MEOS3N2
XA03-81	XA20-08	00OT03-	XA05-56	XA06-56	MEOS3N2
XA03-83	<u>JI-1a</u>	TI03	XA05-57	XA18-03	MGC05

Table 3-5. Card File Assembly Backplane Wire Running List (Cont)

From	To	Signal Name	From	To	Signal Name
XA05-65	XA04-65	ERST-	XA07-30	XA17-75	MW2402-
XA05-65	XA06-65	ERST-	XA07-35	XA06-35	MMF31B-
XA05-75	XA04-75	ST1-	XA07-35	XA08-35	MMF31B-
XA05-75	XA06-75	ST1-	XA07-39	XA17-02	MPST07-
XA05-76	XA04-76	MW24N2-	XA07-53	XA17-41	MNST07-
XA05-76	XA06-76	MW24N2-	XA07-55	XA06-55	MRI04-
XA05-80	XA04-80	T4800A	XA07-55	XA17-52	MRI04-
XA05-80	XA16-55	T4800A	XA07-56	XA06-56	MEOS3N2
XA05-81	XA20-05	OOT05-	XA07-56	XA17-64	MEOS3N2
XA05-83	JI-1Y	TI05	XA07-57	XA18-85	MGC07
XA05-84	XA04-84	T3600A	XA07-65	XA06-65	ERST-
XA05-84	XA16-53	T3600A	XA07-65	XA08-65	ERST-
XA05-85	J1-2Y	TI05-	XA07-75	XA06-75	ST1-
XA05-87	J1-4Y	DI05	XA07-75	XA08-75	ST1-
XA05-88	J1-5Y	DI05-	XA07-76	XA06-76	MW24N2-
XA05-89	J1-6Y	TERD05	XA07-76	XA17-62	MW24N2-
XA06-07	J1-3X	TERT06	XA07-80	XA06-80	T4800B
XA06-29	XA18-57	MDTO06	XA07-80	XA08-80	T4800B
XA06-30	XA05-30	MW2402-	XA07-81	XA20-03	OOT07-
XA06-30	XA07-30	MW2402-	XA07-83	J1-IW	TI07
XA06-35	XA07-35	MMF31B-	XA07-84	XA06-84	T3600B
XA06-39	XA17-04	MPST06-	XA07-84	XA08-84	T3600B
XA06-53	XA17-39	MNST06-	XA07-85	J1-2W	TI07-
XA06-55	XA07-55	MRI04-	XA07-87	J1-4W	DI07
XA06-56	XA05-56	MEOS3N2	XA07-88	J1-5W	DI07-
XA06-56	XA07-56	MEOS3N2	XA07-89	J1-6W	TERD07
XA06-57	XA18-04	MGC06	XA08-07	J1-3V	TERT08
XA06-65	XA05-65	ERST-	XA08-29	XA18-41	MDTO08
XA06-65	XA07-65	ERST-	XA08-30	XA09-30	MW2403-
XA06-75	XA05-75	ST1-	XA08-35	XA07-35	MMF31B-
XA06-75	XA07-75	ST1-	XA08-35	XA09-35	MMF31B-
XA06-76	XA05-76	MW24N2-	XA08-39	XA17-03	MPST08-
XA06-76	XA07-76	MW24N2-	XA08-53	XA17-40	MNST08-
XA06-80	XA07-80	T4800B	XA08-55	XA09-55	MRI05-
XA06-81	XA20-04	OOT06-	XA08-56	XA09-56	MEOS3N3
XA06-83	JI-IX	TI06	XA08-57	XA18-14	MGC08
XA06-84	XA07-84	T3600B	XA08-65	XA07-65	ERST-
XA06-85	J1-2X	TI06-	XA08-65	XA09-65	ERST-
XA06-87	J1-4X	DI06	XA08-75	XA07-75	ST1-
XA06-88	J1-5X	DI06-	XA08-75	XA09-75	ST1-
XA06-89	J1-6X	TERD06	XA08-76	XA09-76	MW24N3-
XA07-07	J1-3W	TERT07	XA08-80	XA07-80	T4800B
XA07-29	XA18-56	MDTO07	XA08-80	XA09-80	T4800B
XA07-30	XA06-30	MW2402-	XA08-81	XA20-16	OOT08-

Table 3-5. Card File Assembly Backplane Wire Running List (Cont)

From	To	Signal Name	From	To	Signal Name
XA08-83	J1-1V	TI08	XA10-55	XAI1-55	MRI06-
XA08-84	XA07-84	T3600B	XA10-56	XA09-56	MEOS3N3
XA08-84	XA09-84	T3600B	XA10-56	XAI1-56	MEOS3N3
XA08-85	J1-2V	TI08-	XA10-57	XA18-12	MGC10
XA08-87	J1-4V	DI08	XA10-65	XA09-65	ERST-
XA08-88	J1-5V	DI08-	XA10-65	XAI1-65	ERST-
XA08-89	J1-6V	TERD08	XA10-75	XA09-75	ST1-
XA09-07	J1-3U	TERT09	XA10-75	XA11-75	ST1-
XA09-29	XA18-40	MDTO09	XA10-76	XA09-76	MW24N3-
XA09-30	XA08-30	MW2403-	XA10-76	XAI1-76	MW24N3-
XA09-30	XA10-30	MW2403-	XA10-80	XA09-80	T4800B
XA09-35	XA08-35	MMF31B-	XA10-80	XA16-54	T4800B
XA09-35	XA10-35	MMF31B-	XA10-81	XA20-15	OOT10-
XA09-39	XA17-05	MPST09-	XA10-83	JI-IT	TI10
XA09-53	XA17-38	MNST09-	XA10-84	XA09-84	T3600B
XA09-55	XA08-55	MRI05-	XA10-84	XA16-52	T3600B
XA09-55	XA17-51	MRI05-	XA10-85	J1-2T	TI10-
XA09-56	XA08-56	MEO\$3N3	XA10-87	J1-4T	DI10
XA09-56	XA10-56	MEOS3N3	XA10-88	J1-5T	DI10-
XA09-57	XA18-13	MGC09	XA10-89	J1-6T	TERD10
XA09-65	XA08-65	ERST-	XAI1-07	JI-3S	TERTII
XA09-65	XA10-65	ERST-	XA11-29	XA18-38	MDTOII
XA09-75	XA08-75	ST1-	XA11-30	XA10-30	MW2403-
XA09-75	XA10-75	ST1-	XAI1-30	XA17-71	MW2403-
XA09-76	XA08-76	MW24N3-	XAI1-35	XA12-35	MMF31C-
XA09-76	XA10-76	MW24N3-	XA11-39	XA17-09	MPSTII
XA09-80	XA08-80	T4800B	XAI1-53	XA17-34	MNSTII-
XA09-80	XA10-80	T4800B	XAI1-55	XA10-55	MRI06-
XA09-81	XA20-10	00OT09-	XAI1-55	XA17-50	MRI06-
XA09-83	JI-IU	TI09	XA11-56	XA10-56	MEOS3N3
XA09-84	XA08-84	T3600B	XAI1-56	XA17-63	MEOS3N3
XA09-84	XA10-84	T3600B	XA11-57	XA18-08	MCGII
XA09-85	J1-2U	TI09-	XAI1-65	XA10-65	ERST-
XA09-87	J1-4U	DI09	XAI1-65	XA12-65	ERST-
XA09-88	J1-5U	DI09-	XAI1-75	XA10-75	ST1-
XA09-89	J1-6U	TERD09	XAI1-75	XA12-75	ST1-
XA10-07	J1-3T	TERT10	XAI1-76	XA10-76	MW24N3-
XA10-29	XA18-39	MDTO10	XA11-76	XA17-67	MW24N3-
XA10-30	XA09-30	MW2403-	XAI1-80	XA12-80	T4800C
XA10-30	XA11-30	MW2403-	XAI1-81	XA20-14	OOT11-
XA10-35	XA09-35	MMF31B-	XAI1-83	JI-1S	TI11
XA10-35	XA18-48	MMF31B-	XAI1-84	XA12-84	T3600C
XA10-39	XA17-07	MPST10-	XAI1-85	J1-2S	TI11-
XA10-53	XA17-36	MNST10-	XAI1-87	J1-4S	DI11

Table 3-5. Card File Assembly Backplane Wire Running List (Cont)

From	To	Signal Name	From	To	Signal Name
XA11-88	J1-5S	DI11-	XA13-76	XA12-76	MW24N4-
XA11-89	J1-6S	TERD11	XA13-76	XA14-76	MW24N4-
XA12-07	J1-3R	TERT12	XA13-80	XA12-80	T4800C
XA12-29	XA18-37	MDTO12	XA13-80	XA14-80	T4800C
XA12-30	XA13-30	MW2404-	XA13-81	XA20-12	OOT13-
XA12-35	XAI1-35	MMF31C-	XA13-83	J1-1P	TI13
XA12-35	XA13-35	MMF31C-	XA13-84	XA12-84	T3600C
XA12-39	XA17-11	MPST12-	XA13-84	XA14-84	T3600C
XA12-53	XA17-32	MNST12-	XA13-85	J1-2P	TI13-
XA12-55	XA13-55	MRI07-	XA13-87	J1-4P	DI13
XA12-56	XA13-56	MEOS3N4	XA13-88	J1-5P	DI13-
XA12-57	XA18-09	MGC12	XA13-89	J1-6P	TERD13
XA12-65	XAI1-65	ERST-	XA14-07	J1-3N	TERT14
XA12-65	XA13-65	ERST-	XA14-29	XA18-52	MDTO14
XA12-75	XAI1-75	ST1-	XA14-30	XA13-30	MW2404-
XA12-75	XA13-75	ST1-	XA14-30	XA15-30	MW2404-
XA12-76	XA13-76	MW24N4-	XA14-35	XA13-35	MMF31C-
XA12-80	XAI1-80	T4800C	XA14-35	XA15-35	MMF31C-
XA12-80	XA13-80	T4800C	XA14-39	XA17-15	MPST14-
XA12-81	XA20-13	OOT12-	XA14-53	XA17-28	MNST14-
XA12-83	J1-1R	TI12	XA14-55	XA15-55	MRI08-
XA12-84	XAI1-84	T3600C	XA14-56	XA13-56	MEOS3N4
XA12-84	XA13-84	T3600C	XA14-56	XA15-56	MEOS3N4
XA12-85	J1-2R	TI12-	XA14-57	XA18-11	MGC14
XA12-87	J1-4R	DI12	XA14-65	XA13-65	ERST-
XA12-88	J1-5R	DI12-	XA14-65	XA15-65	ERST-
XA12-89	J1-6R	TERD12	XA14-75	XA13-75	ST1-
XA13-07	J1-3P	TERT13	XA14-75	XA15-75	ST1-
XA13-29	XA18-36	MDTO13	XA14-76	XA13-76	MW24N4-
XA13-30	XA12-30	MW2404-	XA14-76	XA15-76	MW24N4-
XA13-30	XA14-30	MW2404-	XA14-80	XA13-80	T4800C
XA13-35	XA12-35	MMF31C-	XA14-80	XA15-80	T4800C
XA13-35	XA14-35	MMF31C-	XA14-81	XA20-11	OOT14-
XA13-39	XA17-13	MPST13-	XA14-83	JI-1N	TI14
XA13-53	XA17-30	MNST13-	XA14-84	XA13-84	T3600C
XA13-55	XA12-55	MRI07-	XA14-84	XA15-84	T3600C
XA13-55	XA17-59	MRI07-	XA14-85	J1-2N	TI14-
XA13-56	XA12-56	MEOS3N4	XA14-87	J1-4N	DI14
XA13-56	XA14-56	MEOS3N4	XA14-88	J1-5N	DI14-
XA13-57	XA18-10	MGC13	XA14-89	J1-6N	TERD14
XA13-65	XA12-65	ERST-	XA15-07	J1-3M	TERT15
XA13-65	XA14-65	ERST-	XA15-29	XA18-35	MDTO15
XA13-75	XA12-75	ST1-	XA15-30	XA14-30	MW2404-
XA13-75	XA14-75	ST1-	XA15-30	XA17-73	MW2404-

Table 3-5. Card File Assembly Backplane Wire Running List (Cont)

From	To	Signal Name	From	To	Signal Name
XA15-35	XA14-35	MMF31C-	XA16-89	XA18-55	MSD
XA15-35	XA18-65	MMF31C-	XA17-01	J1-5K	GND1
XA15-39	XA17-16	MPST15-	XA17-02	XA07-39	MPST07-
XA15-53	XA17-27	MNST15-	XA17-03	XA08-39	MPST08-
XA15-55	XA14-55	MRI08-	XA17-04	XA06-39	MPST06-
XA15-55	XA17-53	MRI08-	XA17-05	XA09-39	MPST09-
XA15-56	XA14-56	MEOS3N4	XA17-06	XA05-39	MPST05-
XA15-56	XA17-72	MEOS3N4	XA17-07	XA10-39	MPST10-
XA15-57	XA18-84	MGC15	XA17-08	XA04-39	MPST04-
XA15-65	XA14-65	ERST-	XA17-09	XAI1I-39	MPST11-
XA15-65	XA16-59	ERST-	XA17-10	XA03-39	MPST03-
XA15-75	XA14-75	ST1-	XA17-11	XA12-39	MPST12-
XA15-76	XA14-76	MW24N4-	XA17-12	XA02-39	MPST02-
XA15-76	XA17-65	MW24N4-	XA17-13	XA13-39	MPST13-
XA15-80	XA14-80	T4800C	XA17-14	XA01-39	MPST01-
XA15-80	XA16-51	T4800C	XA17-15	XA14-39	MPST14-
XA15-81	XA20-02	OOT15-	XA17-16	XA15-39	MPST15-
XA15-83	J1-1M	TI15	XA17-17	XA18-80	MOHO
XA15-84	XA14-84	T3600C	XA17-18	XA18-17	MOH1
XA15-84	XA16-50	T3600C	XA17-19	XA18-79	MOH3
XA15-85	J1-2M	TI15-	XA17-20	XA18-16	MOH2
XA15-87	J1-4M	DI15	XA17-24	J1-5F	STPS
XA15-88	J1-5M	DI15-	XA17-27	XA15-53	MNST15-
XA15-89	J1-6M	TERD15	XA17-28	XA14-53	MNST14-
XA16-01	J1-4K	+12V	XA17-29	XA01-53	MNST01-
XA16-50	XA15-84	T3600C	XA17-30	XA13-53	MNST13-
XA16-51	XA15-80	T4800C	XA17-31	XA02-53	MNST02-
XA16-52	XA10-84	T3600B	XA17-32	XA12-53	MNST12-
XA16-53	XA05-84	T3600A	XA17-33	XA03-53	MNST03-
XA16-54	XA10-80	T4800B	XA17-34	XA11-53	MNST11-
XA16-55	XA05-80	T4800A	XA17-35	XA04-53	MNST04-
XA16-56	XA20-65	MRT-	XA17-36	XA10-53	MNST10-
XA16-57	XA17-82	ST2-	XA17-37	XA05-53	MNST05-
XA16-57	XA36-12	ST2-	XA17-38	XA09-53	MNST09-
XA16-59	XA15-65	ERST-	XA17-39	XA06-53	MNST06-
XA16-59	XA20-60	ERST-	XA17-40	XA08-53	MNST08-
XA16-61	XA20-40	MLOT-	XA17-41	XA07-53	MNST07-
XA16-62	XA17-55	RO	XA17-46	J1-4J	+5V1
XA16-63	J1-3J	TIMOUT	XA17-47	J1-4H	+5V2
XA16-64	J1-2J	TIMOUT-	XA17-50	XA11-55	MRI06-
XA16-76	J1-2H	TIMIN-	XA17-51	XA09-55	MRI05-
XA16-77	J1-3H	TIMIN	XA17-52	XA07-55	MRI04-
XA16-78	J1-2K	SDATAO-	XA17-53	XA15-55	MRI08-
XA16-79	J1-3K	SDATAO	XA17-54	XA18-88	MARIO

Table 3-5. Card File Assembly Backplane Wire Running List (Cont)

From	To	Signal Name	From	To	Signal Name
XA17-55	XA16-62	RO	XA18-11	XA14-57	MGC14
XA17-56	XA05-55	MRI03-	XA18-12	XA10-57	MGC10
XA17-57	XA03-55	MRI02-	XA18-13	XA09-57	MGC09
XA17-58	XA01-55	MRI01-	XA18-14	XA08-57	MGC08
XA17-58	XA36-20	MRI01-	XA18-15	XA19-58	MCHAD2
XA17-59	XA13-55	MRI07-	XA18-16	XA17-20	MOH2
XA17-61	XA18-66	ERST	XA18-16	XA20-50	MOH2
XA17-61	XA37-71	ERST	XA18-17	XA17-18	MOH1
XA17-62	XA07-76	MW24N2-	XA18-17	XA20-49	MOH1
XA17-63	XAI1-56	MEOS3N3	XA18-18	XA20-39	MGC-
XA17-64	XA07-56	MEOS3N2	XA18-19	XA20-37	MDM-
XA17-65	XA15-76	MW24N4-	XA18-20	XA19-76	MW28
XA17-66	XA03-56	MEOS3N1	XA18-21	XA19-52	MEOS2B
XA17-66	XA20-83	MEOS3N1	XA18-27	XA17-84	MPSA
XA17-67	XAI1-76	MW24N3-	XA18-28	XA17-80	MNSA
XA17-69	XA03-76	MW24N1-	XA18-29	XA18-87	MNSE
XA17-70	XA20-35	MTMOG-	XA18-31	XA01-29	MDTO01
XA17-71	XAI1-30	MW2403-	XA18-32	XA02-29	MDTO02
XA17-72	XA15-56	MEOS3N4	XA18-33	XA03-29	MDT003
XA17-73	XA15-30	MW2404-	XA18-34	XA04-29	MDT004
XA17-74	XA03-30	MW2401-	XA18-35	XA15-29	MDT015
XA17-75	XA07-30	MW2402-	XA18-36	XA13-29	MDTO13
XA17-77	XA18-78	MW29	XA18-37	XA12-29	MDT012
XA17-78	XA19-78	MEOS	XA18-38	XAI1-29	MDTO11
XA17-79	XA20-70	M24EOS2	XA18-39	XA10-29	MDTO10
XA17-80	XA18-28	MNSA	XA18-40	XA09-29	MDTO09
XA17-82	XA16-57	ST2-	XA18-41	XA08-29	MDT008
XA17-82	XA18-67	ST2-	XA18-47	J1-4G	+5V3
XA17-84	XA18-27	MPSA	XA18-48	XA10-35	MMF31B-
XA17-85	XA18-61	MWC0	XA18-49	XA19-07	MMFC4
XA17-86	XA18-62	MWC1	XA18-50	XA19-11	MMFC0
XA17-87	XA18-59	MWC2	XA18-51	XA05-35	MMF31A-
XA17-88	XA18-73	MWC4	XA18-51	XA20-19	MMF31A-
XA17-89	XA20-60	MPSA-	XA18-52	XA14-29	MDT014
XA18-01	J1-5H	GND3	XA18-53	XA19-08	MMFC3
XA18-02	XA04-57	MGC04	XA18-54	XA36-19	MSD-
XA18-03	XA05-57	MGC05	XA18-55	XA16-89	MSD
XA18-04	XA06-57	MGC06	XA18-56	XA07-29	MDT007
XA18-05	XA03-57	MGC03	XA18-57	XA06-29	MDT006
XA18-06	XA02-57	MGC02	XA18-58	XA05-29	MDT005
XA18-07	XA01-57	MGC01	XA18-59	XA17-87	MWC2
XA18-08	XAI1-57	MCGII	XA18-60	XA19-09	MMFC2
XA18-09	XA12-57	MGC12	XA18-61	XA17-85-	MWC0
XA18-10	XA13-57	MGC13	XA18-62	XA17-86	MWC1

Table 3-5. Card File Assembly Backplane Wire Running List (Cont)

From	To	Signal Name	From	To	Signal Name
XA18-63	XA19-10	MMFC1	XA19-66	XA18-86	MMF-PS
XA18-64	XA19-72	M+5R	XA19-67	XA20-86	CHMAX3
XA18-65	XA15-35	MMF31C-	XA19-69	XA20-87	CHMAX2
XA18-66	XA17-61	ERST	XA19-71	XA20-38	MSEQ-
XA18-66	XA19-62	ERST	XA19-72	XA18-64	M+5R
XA18-67	XA19-65	ST2-	XA19-72	XA19-84	M+5R
XA18-67	XA17-82	ST2-	XA19-76	XA18-20	MW28
XA18-70	XA18-89	MPSE	XA19-78	XA17-78	MEOS
XA18-72	XA19-54	MEOS2B-	XA19-79	XA18-88	MRIO
XA18-73	XA17-88	MWC4	XA19-84	XA19-72	M+5R
XA18-78	XA17-77	MW29	XA19-90	J1-5G	HOT
XA18-79	XA17-19	MOH3	XA20-02	XA15-81	OOT15-
XA18-79	XA20-51	MOH3	XA20-03	XA07-81	OOT07-
XA18-80	XA17-17	MOHO	XA20-04	XA06-81	OOT06-
XA18-80	XA20-48	MOHO	XA20-05	XA05-81	OOT05-
XA18-81	XA19-56	MCHAD4	XA20-06	XA01-81	OOT01-
XA18-82	XA19-55	MCHAD8	XA20-07	XA02-81	OOT02-
XA18-83	XA19-59	MCHAD1	XA20-08	XA03-81	OOT03-
XA18-84	XA15-57	MGC15	XA20-09	XA04-81	OOT04-
XA18-85	XA07-57	MGC07	XA20-10	XA09-81	OOT09-
XA18-86	XA19-66	MMF-PS	XA20-11	XA14-81	OOT14-
XA18-87	XA18-29	MNSE	XA20-12	XA13-81	OOT13-
XA18-88	XA17-54	MRIO	XA20-13	XA12-81	OOT12-
XA18-88	XA19-79	MRIO	XA20-14	XAI1-81	OOT11-
XA18-89	XA18-70	MPSE	XA20-15	XA10-81	OOT10-
XA18-90	J1-5J	GND2	XA20-16	XA08-81	OOT08-
XA19-01	J1-4F	GND4	XA20-17	J1-2B	LT
XA19-07	XA18-49	MMFC4	XA20-17	XA37-79	LT
XA19-08	XA18-53	MMFC3	XA20-18	XA37-55	DMF31A-
XA19-09	XA18-60	MMFC2	XA20-19	XA18-51	MMF31A-
XA19-10	XA18-63	MMFC1	XA20-20	XA38-79	D24EOS2
XA19-11	XA18-50	MMFC0	XA20-21	XA19-65	ST2-
XA19-52	XA18-21	MEOS2B	XA20-22	J1-2E	UAO
XA19-54	XA18-72	MEOS2B-	XA20-24	XA37-66	LOMFC-
XA19-55	XA18-82	MCHAD8	XA20-25	XA39-19	DLW28-
XA19-56	XA18-81	MCHAD4	XA20-26	XA40-60	DLEOS-
XA19-58	XA18-15	MCHAD2	XA20-27	XA36-15	LBS-
XA19-59	XA18-83	MCHAD1	XA20-28	XA37-87	DERD-
XA19-60	XA20-36	MLEOS-	XA20-29	XA39-18	DGC-
XA19-62	XA18-66	ERST	XA20-30	XA36-06	FSD-
XA19-63	XA20-89	CHMAX0	XA20-31	XA40-71	DSEQ-
XA19-64	XA20-88	CHMAX1	XA20-35	XA17-70	MTMOG-
XA19-65	XA18-67	ST2-	XA20-36	XA19-60	MLEOS-
XA19-65	XA20-21	ST2-	XA20-37	XA18-19	MDM-

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Table 3-5. Card File Assembly Backplane Wire Running List (Cont)

From	To	Signal Name	From	To	Signal Name
XA20-38	XA19-71	MSEQ-	XA21-26	XA39-07	DGC01
XA20-39	XA18-18	MGC-	XA21-31	XA22-31	DEOS3N1
XA20-40	XA16-61	MLOT-	XA21-33	XA22-33	DMF31A-
XA20-48	XA18-80	MOH0	XA21-34	XA22-34	MW24N1-
XA20-49	XA18-17	MOH1	XA21-35	XA22-35	DW2401-
XA20-50	XA18-16	MOH2	XA21-48	XA38-14	DPST01-
XA20-51	XA18-70	MOH3	XA21-49	XA22-49	DERRS-
XA20-52	XA38-17	DOHO	XA21-50	XA01-75	ST1-
XA20-53	XA38-18	DOH1	XA21-50	XA22-50	ST1-
XA20-54	XA38-20	DOH2	XA21-52	XA22-52	DTI1-
XA20-55	XA38-19	DOH3	XA21-77	J2-1A	TO01
XA20-56	XA37-65	DLOTRA-	XA21-78	J2-2A	TO01-
XA20-57	XA38-70	DTMOG-	XA21-79	XA22-79	+5A1
XA20-58	XA38-21	DLOT-	XA21-79	(Note 1)	+5A11
XA20-59	XA38-89	DPSA-	XA21-87	J2-6A	GD01
XA20-60	XA17-89	MPSA-	XA22-04	J2-5B	D002-
XA20-64	XA37-85	DDON	XA22-06	J2-4B	DO02
XA20-65	XA16-56	MRT-	XA22-12	XA21-22	+5A2
XA20-66	XA37-69	DERRS-	XA22-12	XA23-12	+5A2
XA20-67	J1-3G	LMCRD	XA22-13	J2-3B	GT02
XA20-69	XA16-59	ERST-	XA22-26	XA39-06	DGC02
XA20-69	XA37-70	ERST-	XA22-31	XA21-31	DEOS3N1
XA20-70	XA17-79	M24EOS2	XA22-31	XA23-31	DEOS3N1
XA20-71	J1-2F	UA1	XA22-33	XA21-33	DMF31A-
XA20-72	J1-3F	TA1	XA22-33	XA23-33	DMF31A-
XA20-73	J1-3E	TAO	XA22-34	XA21-34	DW24N1-
XA20-74	J1-2D	UA3	XA22-34	XA23-34	DW24N1-
XA20-75	J1-3D	UA2	XA22-35	XA21-35	DW2401-
XA20-76	J1-2C	LDTIM	XA22-35	XA23-35	DW2401-
XA20-77	J1-3C	LMOOT	XA22-48	XA38-12	DPST02-
XA20-77	XA37-89	LMOOT	XA22-49	XA21-49	DERRS-
XA20-78	J1-3B	RBI-	XA22-49	XA23-49	DERRS-
XA20-80	J1-2A	LMTIM	XA22-50	XA21-50	ST1-
XA20-81	J1-3A	LDCRD	XA22-50	XA23-50	ST1-
XA20-82	XA37-88	FAIL	XA22-52	XA21-52	DTI1-
XA20-83	XA17-66	MEOS3N1	XA22-52	XA23-52	DTI1-
XA20-86	XA19-67	CHMAX3	XA22-77	J2-1B	TO02
XA20-87	XA19-69	CHMAX2	XA22-78	J2-2B	T002-
XA20-88	XA19-64	CHMAX1	XA22-79	XA21-79	+5A1
XA20-89	XA19-63	CHMAX0	XA22-79	XA23-79	+5A1
XA21-04	J2-5A	DO01-	XA22-87	J2-6B	GD02
XA21-06	J2-4A	DO01	XA23-04	J2-5C	DO03-
XA21-12	XA22-12	+5A2	XA23-06	J2-4C	D003
XA21-12	(Note 1)	+5A2	XA23-12	XA22-12	+5A2
XA21-13	J2-3A	GT01	XA23-12	XA24-12	+5A2

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Table 3-5. Card File Assembly Backplane Wire Running List (Cont)

From	To	Signal Name	From	To	Signal Name
XA23-13	J2-3C	GT03	XA25-06	J2-4E	DO05
XA23-26	XA39-05	DGC03	XA25-12	XA24-12	+5A2
XA23-31	XA22-31	DEOS3N1	XA25-12	XA26-12	+5A2
XA23-31	XA38-66	DEOS3N1	XA25-13	J2-3E	GT05
XA23-33	XA22-33	DMF31A-	XA25-26	XA39-03	DGC05
XA23-33	XA37-55	DMF31A-	XA25-31	XA24-31	DEOS3N2
XA23-34	XA22-34	DW24N1-	XA25-31	XA26-31	DEOS3N2
XA23-34	XA38-69	DW24N1-	XA25-33	XA24-33	DMF31B-
XA23-35	XA22-35	DW2401-	XA25-33	XA26-33	DMF31B-
XA23-35	XA38-74	DW2401-	XA25-34	XA24-34	DW24N2-
XA23-48	XA38-10	DPST03-	XA25-34	XA26-34	DW24N2-
XA23-49	XA22-49	DERRS-	XA25-35	XA24-36	DW2402-
XA23-49	XA24-49	DERRS-	XA25-35	XA26-35	DW2402-
XA23-50	XA22-50	ST1-	XA25-48	XA38-06	DPST05-
XA23-50	XA24-50	ST1-	XA25-49	XA24-49	DERRS-
XA23-52	XA22-52	DTI1-	XA25-49	XA26-49	DERRS-
XA23-52	XA36-03	DTI1-	XA25-50	XA24-50	ST1-
XA23-77	J2-1C	TO03	XA25-50	XA26-50	ST1-
XA23-78	J2-2C	T003-	XA25-52	XA24-52	DTI2-
XA23-79	XA22-79	+5A1	XA25-52	XA26-52	DTI2-
XA23-79	XA24-79	+5A1	XA25-77	J2-1E	TO05
XA23-87	J2-6C	GD03	XA25-78	J2-2E	TO05-
XA24-04	J2-5D	D004-	XA25-79	XA24-79	+5A1
XA24-06	J2-4D	D004	XA25-79	XA26-79	+5A1
XA24-12	XA23-12	+5A2	XA25-87	J2-6E	GD05
XA24-12	XA25-12	+5A2	XA26-04	J2-5F	D006-
XA24-13	J2-3D	GT04	XA26-06	J2-4F	D006
XA24-26	XA39-02	DGC04	XA26-12	XA25-12	+5A2
XA24-31	XA25-31	DEOS3N2	XA26-12	XA27-12	+5A2
XA24-33	XA25-33	DMF31B-	XA26-13	J2-3F	GT06
XA24-34	XA25-34	DW24N2-	XA26-26	XA39-04	DGC06
XA24-35	XA25-35.	DW2402-	XA26-31	XA25-31	DEOS3N2
XA24-48	XA38-08	DPST04-	XA26-31	XA27-31	DEOS3N2
XA24-49	XA23-49	DERRS-	XA26-33	XA25-33	DMF31B-
XA24-49	XA25-49	DERRS-	XA26-33	XA27-33	DMF31B-
XA24-50	XA23-50	ST1-	XA26-34	XA25-34	DW24N2-
XA24-50	XA25-50	ST1-	XA26-34	XA27-34	DW24N2-
XA24-52	XA25-52	DTI2-	XA26-35	XA25-35	DW2402-
XA24-77	J2-1D	TO04	XA26-35	XA27-35	DW2402-
XA24-78	J2-2D	TO04-	XA26-48	XA38-04	DPST06-
XA24-79	XA23-79	+5A1	XA26-49	XA25-49	DERRS-
XA24-79	XA25-79	+5A1	XA26-49	XA27-49	DERRS-
XA24-87	J2-6D	GD04	XA26-50	XA25-50	ST1-
XA25-04	J2-5E	DO05-	XA26-50	XA27-50	ST1-

Table 3-5. Card File Assembly Backplane Wire Running List (Cont)

From	To	Signal Name	From	To	Signal Name
XA26-52	XA25-52	DTI2-	XA28-49	XA27-49	DERRS-
XA26-52	XA27-52	DTI2-	XA28-49	XA29-49	DERRS-
XA26-77	J2-1F	TO06	XA28-50	XA27-50	ST1-
XA26-78	J2-2F	TO06-	XA'28-50	XA29-50	ST1-
XA26-79	XA25-79	+5A1	XA28-52	XA29-52	DTI3-
XA26-79	XA27-79	+5A1	XA28-77	J2-1H	TO08
XA26-87	J2-6F	GD06	XA28-78	J2-2H	TO08-
XA27-04	J2-5G	D007-	XA28-79	XA27-79	+5A1
XA27-06	J2-4G	D007	XA28-79	XA29-79	+5A1
XA27-12	XA26-12	+5A2	XA28-87	J2-6H	GD08
XA27-12	XA28-12	+5A2	XA29-04	J2-5J	DO09-
XA27-13	J2-3G	GT07	XA29-06	J2-4J	D009
XA27-26	XA39-85	DG07	XA29-12	XA28-12	+5A2
XA27-31	XA26-31	DEOS3N2	XA29-12	XA30-12	+5A2
XA27-31	XA38-64	DEOS3N2	XA29-13	J2-3J	GT09
XA27-33	XA26-33	DMF31B-	XA29-26	XA39-13	DGC09
XA27-33	XA37-52	DMF31B-	XA29-31	XA28-31	DEOS3N3
XA27-34	XA26-34	DW24N2-	XA29-31	XA30-31	DEOS3N3
XA27-34	XA38-62	DW24N2-	XA29-33	XA28-33	DMF31C-
XA27-35	XA26-35	DW2402-	XA29-33	XA30-33	DMF31C-
XA27-35	XA38-75	DW2402-	XA29-34	XA28-34	DW24N3-
XA27-48	XA38-02	DPST07-	XA29-34	XA30-34	DW24N3-
XA27-49	XA26-49	DERRS-	XA29-35	XA28-35	DW2403-
XA27-49	XA28-49	DERRS-	XA29-35	XA30-35	DW2403-
XA27-50	XA26-50	ST1-	XA29-48	XA38-05	DPST09-
XA27-50	XA28-50	ST1-	XA29-49	XA28-49	DERRS-
XA27-52	XA26-52	STI2-	XA29-49	XA30-49	DERRS-
XA27-52	XA36-04	DTI2-	XA29-50	XA28-50	ST1-
XA27-77	J2-1G	TO07	XA29-50	XA30-50	ST1-
XA27-78	J2-2G	TO07-	XA29-52	XA28-52	DTI3-
XA27-79	XA26-79	+5A1	XA29-52	XA30-52	DTI3-
XA27-79	XA28-79	+5A1	XA29-77	J2-1J	T009
XA27-87	J2-6G	GD07	XA29-78	J2-2J	T009-
XA28-04	J2-5H	D008-	XA29-79	XA28-79	+5A1
XA28-06	J2-4H	D008	XA29-79	XA30-79	+5A1
XA28-12	XA27-12	+5A2	XA29-87	J2-6J	GD09
XA28-12	XA29-12	+5A2	XA30-04	J2-5K	DO10-
XA28-13	J2-3H	GT08	XA30-06	J2-4K	DO10
XA28-26	XA39-14	DGC08	XA30-12	XA29-12	+5A2
XA28-31	XA29-31	DEOS3N3	XA30-12	XA31-12	+5A2
XA28-33	XA29-33	DMF31C-	XA30-13	J2-3K	GT10
XA28-34	XA29-34	DW24N3-	XA30-26	XA39-12	DGC10
XA28-35	XA29-35	DW2403-	XA30-31	XA29-31	DEOS3N3
XA28-48	XA38-03	DPST08-	XA30-31	XA31-31	DEOS3N3

Table 3-5. Card File Assembly Backplane Wire Running List (Cont)

From	To	Signal Name	From	To	Signal Name
XA30-33	XA29-33	DMF31C-	XA32-04	J2-5M	D012-
XA30-33	XA31-33	DMF31C-	XA32-06	J2-4M	D012
XA30-34	XA29-34	DW24N3-	XA32-12	XA31-12	+5A2
XA30-34	XA31-34	DW24N3-	XA32-12	XA33-12	+5A2
XA30-35	XA29-35	DW2403-	XA32-13	J2-3M	GT12
XA30-35	XA31-35	DW2403-	XA32-26	XA39-09	DGC12
XA30-48	XA38-07	DPST10-	XA32-31	XA33-31	DEOS3N4
XA30-49	XA29-49	DERRS-	XA32-33	XA33-33	DMF31D-
XA30-49	XA31-49	DERRS-	XA32-34	XA33-34	DW24N4-
XA30-50	XA29-50	ST1-	XA32-35	XA33-35	DW2404-
XA30-50	XA31-50	ST1-	XA32-48	XA38-11	DPST12-
XA30-52	XA29-52	DTI3-	XA32-49	XA31-49	DERRS-
XA30-52	XA31-52	DTI3-	XA32-49	XA33-49	DERRS-
XA30-77	J2-1K	TO10	XA32-50	XA31-50	ST1-
XA30-78	J2-2K	TO10-	XA32-50	XA33-50	ST1-
XA30-79	XA29-79	+5A1	XA32-52	XA33-52	DTI4-
XA30-79	XA31-79	+5A1	XA32-77	J2-1M	T012
XA30-87	J2-6K	GD10	XA32-78	J2-2M	T012-
XA31-04	J2-5L	DO11-	XA32-79	XA31-79	+5A1
XA31-06	J2-4L	D01	XA32-79	XA33-79	+5A1
XA31-12	XA30-12	+5A2	XA32-87	J2-6M	GD12
XA31-12	XA32-12	+5A2	XA33-04	J2-5N	D013-
XA31-13	J2-3L	GT1	XA33-06	J2-4N	D013
XA31-26	XA39-08	DGC11	XA33-12	XA32-12	+5A2
XA31-31	XA30-31	DEOS3N3	XA33-12	XA34-12	+5A2
XA31-31	XA38-63	DEOS3N3	XA33-13	J2-3N	GT13
XA31-33	XA30-33	DMF31C-	XA33-26	XA39-10	DGC13
XA31-33	XA37-53	DMF31C-	XA33-31	XA32-31	DEOS3N4
XA31-34	XA30-34	DW24N3-	XA33-31	XA34-31	DEOS3N4
XA31-34	XA38-67	DW24N3-	XA33-33	XA32-33	DMF31D-
XA31-35	XA30-35	DW2403-	XA33-33	XA34-33	DMF31D-
XA31-35	XA38-71	DW2403-	XA33-34	XA32-34	DW24N4-
XA31-48	XA38-09	DPST11-	XA33-34	XA34-34	DW24N4-
XA31-49	XA30-49	DERRS-	XA33-35	XA32-35	DW2404-
XA31-49	XA32-49	DERRS-	XA33-35	XA34-35	DW2404-
XA31-50	XA30-50	ST1-	XA33-48	XA38-13	DPST13-
XA31-50	XA32-50	ST1-	XA33-49	XA32-49	DERRS-
XA31-52	XA30-52	DTI3-	XA33-49	XA34-49	DERRS-
XA31-52	XA36-07	DTI3-	XA33-50	XA32-50	ST1-
XA31-77	J2-1L	TO04	XA33-50	XA34-50	ST1-
XA31-78	J2-2L	TO04-	XA33-52	XA32-52	DTI4-
XA31-79	XA30-79	+5AI	XA33-52	XA34-52	DTI4-
XA31-79	XA32-79	+5A1	XA33-77	J2-1N	T013
XA31-87	J2-6L	GD11	XA33-78	J2-2N	T013-

Table 3-5. Card File Assembly Backplane Wire Running List (Cont)

From	To	Signal Name	From	To	Signal Name
XA33-79	XA32-79	+5A1	XA35-49	XA34-49	DERRS-
XA33-79	XA34-79	+5A1	XA35-49	XA37-69	DERRS-
XA33-87	J2-6N	GD13	XA35-50	XA34-50	ST1-
XA34-04	J2-5P	D014-	XS35-50	XA37-22	ST1-
XA34-06	J2-4P	D014	XA35-52	XA34-52	DTI4-
XA34-12	XA33-12	+5A2	XA35-52	XA36-08	DTI4-
XA34-12	XA35-12	+5A2	XA35-77	J2-1R	T015
XA34-13	J2-3P	GT14	XA35-78	J2-2R	TO15-
XA34-26	XA39-11	DGC14	XA35-79	XA34-79	+5A1
XA34-31	XA33-31	DEOS3N4	XA35-79	XA37-34	+5A1
XA34-31	XA35-31	DEOS3N4	XA35-87	J2-6R	GD15
XA34-33	XA33-33	DMF31D-	XA36-02	J2-6U	TM+
XA34-33	XA35-33	DMF31D-	XA36-03	XA23-52	DTI1-
XA34-34	XA33-34	DW24N4-	XA36-04	XA27-52	DTI2-
XA34-34	XA35-34	DW24N4-	XA36-06	XA20-30	FSD-
XA34-35	XA33-35	DW2404-	XA36-07	XA31-52	DTI3-
XA34-35	XA35-35	DW2404-	XA36-08	XA35-52	DTI4-
XA34-48	XA38-15	DPST14-	XA36-12	XA16-57	ST2-
XA34-49	XA33-49	DERRS-	XA36-12	XA37-21	ST2-
XA34-49	XA35-49	DERRS-	XA36-13	XA40-53	DEOS2
XA34-50	XA33-50	ST1-	XA36-14	XA37-70	ERST-
XA34-50	XA35-50	ST1-	XA36-15	XA20-27	LBS-
XA34-52	XA33-52	DTI4-	XA36-16	XA37-72	DW28
XA34-52	XA35-52	DTI4-	XA36-17	XA37-25	DW2429
XA34-77	J2-1P	T014	XA36-19	XA18-54	MSD-
XA34-78	J2-2P	T014-	XA36-20	XA17-58	MRIO1-
XA34-79	XA33-79	+5A1	XA36-25	XA40-57	DEOS2-
XA34-79	XA35-79	+5A1	XA36-40	XA40-06	DPUB4
XA34-87	J2-6P	GD14	XA36-53	XA40-05	DPUB3
XA35-04	J2-5R	D015-	XA36-54	XA40-04	DPUB2
XA35-06	J2-4R	D015	XA36-55	XA40-03	DPUB1
XA35-12	XA34-12	+5A2	XA36-56	XA40-84	DSYNC-
XA35-12	XA37-35	+5A2	XA36-58	XA38-55	RI
XA35-13	J2-3R	GT15	XA36-59	XA39-26	DNAC
XA35-26	XA39-84	DGC15	XA36-64	XA39-64	DWPR-
XA35-31	XA34-31	DEOS3N4	XA36-65	XA37-36	DOD-
XA35-31	XA38-72	DEOS3N4	XA36-66	XA39-25	DNSC
XA35-33	XA34-33	DMF31D-	XA36-67	XA37-15	DEPS1
XA35-33	XA37-54	DMF31D-	XA36-69	XA37-19	DEPSO
XA35-34	XA34-34	DW24N4-	XA36-70	XA37-78	DENA2
XA35-34	XA38-65	DW24N4-	XA36-71	XA37-14	DENA1
XA35-35	XA34-35	DW2404-	XA36-72	XA37-18	DENAO
XA35-35	XA38-72	DW2404-	XA36-73	XA37-16	DENSI
XA35-48	XA38-16	DPST15-	XA36-75	XA37-59	DES

Table 3-5. Card File Assembly Backplane Wire Running List (Cont)

From	To	Signal Name	From	To	Signal Name
XA36-76	XA37-20	DENSO	XA37-40	XA40-10	DMFC1
XA36-77	XA37-51	DW29-	XA37-41	XA40-11	DMFCO
XA36-78	XA39-24	DPSC	XA37-51	XA39-22	DW29-
XA36-79	XA40-02	DPUBO	XA37-51	XA36-77	DW29-
XA36-80	XA37-77	DEPS2	XA37-52	XA27-33	DMF31B-
XA36-81	XA37-76	DENS2	XA37-53	XA31-33	DMF31C-
XA36-83	XA37-84	DLOF	XA37-54	XA35-33	DMF31D-
XA36-84	XA37-17	DPSE	XA37-55	XA20-18	DMF31A-
XA36-85	XA37-75	DNSE	XA37-55	XA23-33	DMF31A-
XA36-87	J2-5U	TM-	XA37-57	XA39-72	DEOS2B-
XA36-88	J2-6T	DATA+	XA37-59	XA36-75	DES
XA36-89	J2-5T	DATA-	XA37-60	XA40-80	DEOS-
XA37-02	J2-6W	FAILC1	XA37-61	J1-6K	PSFR
XA37-03	J2-5W	FAILC2	XA37-62	J2-5b	PSFC2
XA37-04	J2-6X	OOTC1	XA37-63	J1-6J	-12 PSFR
XA37-06	J2-5X	OOTC2	XA37-64	J2-6b	PSFC1
XA37-07	J2-6Y	LERRC1	XA37-65	XA20-56	DLOTRA-
XA37-08	J2-5Y	LERRC2	XA37-66	XA20-24	LOMFC-
XA37-10	J2-6Z	LOFBC1	XA37-67	J1-6F	STS-
XA37-11	J2-5Z	LOFBC2	XA37-69	XA35-49	DERRS-
XA37-12	J2-6a	LOFAC1	XA37-69	XA20-66	DERRS-
XA37-13	J2-5a	LOFAC2	XA37-70	XA20-69	ERST-
XA37-14	XA36-71	DENA1	XA37-70	XA36-14	ERST-
XA37-15	XA36-67	DEPS1	XA37-71	XA17-61	ERST
XA37-16	XA36-73	DENS1	XA37-72	XA36-16	DW28
XA37-17	XA36-84	DPSE	XA37-72	XA39-20	DW28
XA37-17	XA39-89	DPSE	XA37-73	J1-6E	ERSTSW-
XA37-18	XA36-72	DENAO	XA37-74	J1-6D	STS
XA37-19	XA36-69	DEPSO	XA37-75	XA36-85	DNSE
XA37-20	XA36-76	DENSO	XA37-75	XA39-87	DNSE
XA37-21	XA36-12	ST2-	XA37-76	XA36-81	DENS2
XA37-21	XA38-82	ST2-	XA37-77	XA36-80	DEPS2
XA37-22	XA35-50	ST1-	XA37-78	XA36-70	DENA2
XA37-24	XA38-61	DERRS	XA37-79	XA20-17	LT
XA37-25	XA36-17	DW2429	XA37-80	J1-6C	LLOFB
XA37-25	XA39-71	DW2429	XA37-81	J1-6B	LLER
XA37-26	J1-6G	RTA	XA37-83	J1-6A	LLOFA
XA37-27	J1-6H	ERSTSW	XA37-84	XA36-83	DLOF
XA37-34	(Note 2)	+5A1	XA37-85	XA20-64	DDON
XA37-34	XA35-79	+5A1	XA37-87	XA20-28	DERD-
XA37-35	(Note 2)	+5A2	XA37-88	XA20-82	FAIL
XA37-35	XA35-12	+5A2	XA37-89	XA20-77	LMOOT
XA37-36	XA36-65	DOD-	XA38-02	XA27-48	DPST07-
XA37-37	XA40-07	DMFC4	XA38-03	XA28-48	DPST08-
XA37-38	XA40-08	DMFC3			
CA37-39	XA40-09	DMFC2			

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Table 3-5. Card File Assembly Backplane Wire Running List (Cont)

From	To	Signal Name	From	To	Signal Name
XA38-04	XA26-48	DPST06-	XA38-85	XA39-61	DWCO
XA38-05	XA29-48	DPST09-	XA38-86	XA39-62	DWC1
XA38-06	XA26-48	DPST05-	XA38-87	XA39-59	DWC2
XA38-07	XA30-48	DPST10-	XA38-88	XA39-73	DWC4
XA38-08	XA24-48	DPST04-	XA38-89	XA20-59	DPSA-
XA38-09	XA31-48	DPSTII-	XA39-02	XA24-26	DGC04
XA38-10	XA23-48	DPST03-	XA39-03	XA25-26	DGC05
XA38-11	XA32-48	DPST12-	XA39-04	XA26-26	DGC06
XA38-12	XA22-48	DPST02-	XA39-05	XA23-26	DGC03
XA38-13	XA33-48	DPST13-	XA39-06	XA22-26	DGC02
XA38-14	XA21-48	DPST01-	XA39-07	XA21-26	DGC01
XA38-15	XA34-48	DPST14-	XA39-08	XA31-26	DGCII
XA38-16	XA35-48	DPST15-	XA39-09	XA32-26	DGC12
XA38-17	XA20-52	DOHO	XA39-10	XA33-26	DGC13
XA38-17	XA39-80	DOHO	XA39-11	XA34-26	DGC14
XA38-18	XA20-53	DOH1	XA39-12	XA30-26	DGC10
XA38-18	XA39-17	DOH1	XA39-13	XA29-26	DGC09
XA38-19	XA20-55	DOH3	XA39-14	XA28-26	DGC08
XA38-19	XA39-79	DOH3	XA39-15	XA40-58	DCHAD2
XA38-20	XA20-54	DOH2	XA39-16	XA38-20	DOH2
XA38-20	XA39-16	DOH2	XA39-17	XA38-18	DOH1
XA38-21	XA20-58	DLOT-	XA39-18	XA20-29	DGC-
XA38-54	XA39-88	DRI0	XA39-19	XA20-25	DLW28-
XA38-55	XA36-58	RI	XA39-20	XA37-72	DW28
XA38-61	XA37-24	DERRS	XA39-20	XA40-76	DW28
XA38-61	XA39-66	DERRS	XA39-21	XA40-52	DEOS2B
XA38-62	XA27-34	DW24N2-	XA39-22	XA37-51	DW29-
XA38-63	XA31-31	DEOS3N3	XA39-24	XA36-78	DPSC
XA38-64	XA27-31	DEOS3N2	XA39-25	XA36-66	DNSC
XA38-65	XA35-34	DW24N4-	XA39-26	XA36-59	DNAC
XA38-66	XA23-31	DEOS3N1	XA39-31	XA39-32	DGNDD
XA38-67	XA31-34	DW24N3-	XA39-32	XA39-31	DGNDD
XA38-69	XA23-34	DW24N1-	XA39-32	XA39-33	DGNDD
XA38-70	XA20-57	DTMOG-	XA39-33	XA39-32	DGNDD
XA38-71	XA31-35	DW2403-	XA39-33	XA39-58	DGNDD
XA38-72	XA35-31	DEOS3N	XA39-34	XA39-57	DGNDD
XA38-73	XA35-35	DW2404-	XA39-34	XA39-35	DGNDD
XA38-74	XA23-35	DW2401-	XA39-35	XA39-34	DGNDD
XA38-75	XA27-35	DW2402-	XA39-35	XA39-56	DGNDD
XA38-77	XA39-78	DW29	XA39-36	XA39-56	DGNDD
XA38-78	XA40-78	DEOS	XA39-36	XA39-37	DGNDD
XA38-79	XA20-20	D24EOS2	XA39-37	XA39-36	DGNDD
XA38-82	XA37-21	ST2-	XA39-37	XA39-38	DGNDD
XA38-82	XA39-67	ST2-	XA39-38	XA39-37	DGNDD

Table 3-5. Card File Assembly Backplane Wire Running List (Cont)

From	To	Signal Name	From	To	Signal Name
XA39-38	XA39-39	DGNDD	XA39-85	XA27-26	DGC07
XA39-39	XA39-38	DGNDD	XA39-86	XA40-66	DMF=PS
XA39-39	XA39-52	DGNDD	XA39-87	XA37-75	DNSE
XA39-40	XA39-52	DGNDD	XA39-88	XA38-54	DRIO
XA39-40	XA39-41	DGNDD	XA39-88	XA40-79	DRIO
XA39-41	XA39-40	DGNDD	XA39-89	XA37-17	DPSE
XA39-41	XA39-42	DGNDD	XA40-02	XA36-79	DPUBO
XA39-42	XA39-41	DGNDD	XA40-03	XA36-55	DPUB1
XA39-52	XA39-40	DGNDD	XA40-04	XA36-54	DPUB2
XA39-52	XA39-39	DGNDD	XA40-05	XA36-53	DPUB3
XA39-56	XA39-36	DGNDD	XA40-06	XA36-40	DPUB4
XA39-56	XA39-35	DGNDD	XA40-07	XA37-37	DMFC4
XA39-57	XA39-34	DGNDD	XA40-08	XA37-38	DMFC3
XA39-57	XA39-58	DGNDD	XA40-09	XA37-39	DMFC2
XA39-58	XA39-57	DGNDD	XA40-10	XA37-40	DMFC1
XA39-58	XA39-33	DGNDD	XA40-11	XA37-41	DMFC0
XA39-59	XA38-87	DWC2	XA40-52	XA39-21	DEOS2B
XA39-61	XA38-85	DWCO	XA40-53	XA36-13	DEOS2
XA39-62	XA38-86	DWC1	XA40-54	XA39-72	DEOS2B-
XA39-64	XA36-64	DWPR-	XA40-55	XA39-82	DCHAD8
XA39-66	XA38-61	DERRS	XA40-56	XA39-81	DCHAD4
XA39-66	XA40-62	DERRS	XA40-57	XA36-25	DEOS2-
XA39-67	XA38-82	ST2-	XA40-58	XA39-15	DCHAD2
XA39-67	XA40-65	ST2-	XA40-59	XA39-83	DCHAD1
XA39-71	XA37-25	DW2429	XA40-60	XA20-26	DLEOS-
XA39-72	XA37-57	DEOS2B-	XA40-62	XA39-66	DERRS
XA39-72	XA40-54	DEOS2B-	XA40-65	XA39-67'	ST2-
XA39-73	XA38-88	DWC4	XA40-66	XA39-86	DMF=PS
XA39-78	XA38-77	DW29	XA40-71	XA20-31	DSEQ-
XA39-79	XA38-19	DOH3	XA40-76	XA39-20	DW28
XA39-80	XA38-17	DOHO	XA40-78	XA38-78	DEOS
XA39-81	XA40-56	DCHAD4	XA40-79	XA39-88	DRIO
XA39-82	XA40-55	DCHAD8	XA40-80	XA37-60	DEOS-
XA39-83	XA40-59	DCHAD1	XA40-R4	XA96-56	DSYNC-
XA39-84	XA35-26	DGC15			
Notes:					
1. Connect to XA37-35 or XA37-34.					
2. Connect to XA21-12 or XA21-79.					
			Change 1 3-29		

Table 3-6. Card File Assembly Backplane Wire Running List

From	To	Signal Name
TBI-EI	XA32-9	GND
TBL-E5	XA27-9	GND
TB1-E6	XA26-9	GND
TBI-E10	XA21-9	GND
TBI-EII	(Note 1)	+5A1
TBI-EII	XA21-12	+5A2
TBI-E12	XA31-5	-12V DC
TBI-E13	XA30-90	+12V DC

From	To	Signal Name
TBI-E14	XA28-5	-12V DC
TBI-E15	XA27-90	+12V DC
TBI-E16	(Note 2)	+5A1
TBI-E16	XA37-34	+5A2
TBI-E17	XA24-5	-12V DC
TBI-E18	XA23-90	+12V DC
TB1-E19	XA22-5	-12V DC
TB1-E20	XA21-90	+12V DC

Notes:

1. Connect to XA31-79, XA32-79, or XA33-7'
2. Connect to XA25-79, XA26-79, or XA27-7'

3-30 Change 1

SECTION IV

DIAGRAMS

4-1. GENERAL

4-2. This section contains the schematic and logic diagrams for the multiplexer set. Figure 4-1 is the schematic diagram for the 115 vac input circuit to the fan assembly. This schematic diagram is associated with the chassis power wiring harness described in paragraph 3-5. Figures FO-1 through FO-16 are the schematic and logic diagrams for the front panel, the power supply, and the circuit cards in the card file assembly.

4-3. SIGNAL SOURCE INFORMATION

4-4. The majority of the input pins on the circuit card logic diagrams have the electrical connector and pin number of the signal source shown adjacent to the input pin. For example, (1-39) appears next to signal MPST01-at input pin 14 on the OEG card. This indicates that the signal is from pin 39 on the card in slot XA01 (a channel card). Card locations 1 through 20 (XA01 through XA20) are associated with the multiplexer cards. Card locations XA21 and up are associated with the demultiplexer cards. Multiple signal sources are

shown in the logic diagrams for cards that are used in the demultiplexer and the multiplexer.

4-5. The signal sources are not shown for all of the input pins of the channel cards since the cards can be installed in any one or more of electrical connectors XA01 through XA15 (multiplexer card slots) or XA21 through XA35 (demultiplexer card slots). To determine the signal source (or signal destinations) for a given input or output pin, locate the known electrical connector and pin number in table 3-5 under the From column. The opposite end of the wire run is listed under the To column.

4-6. When the signal name is known, table 2-2 can be used to quickly determine signal source and destination information as described in paragraph 2-6. An initial letter M in a signal name indicates a multiplexer signal. An initial letter D in a signal name indicates a demultiplexer signal. Signal names ending with X or XX identify a particular signal within a signal family; for example, MGCXX consists of 15 signals: MGC01 through MCG15.

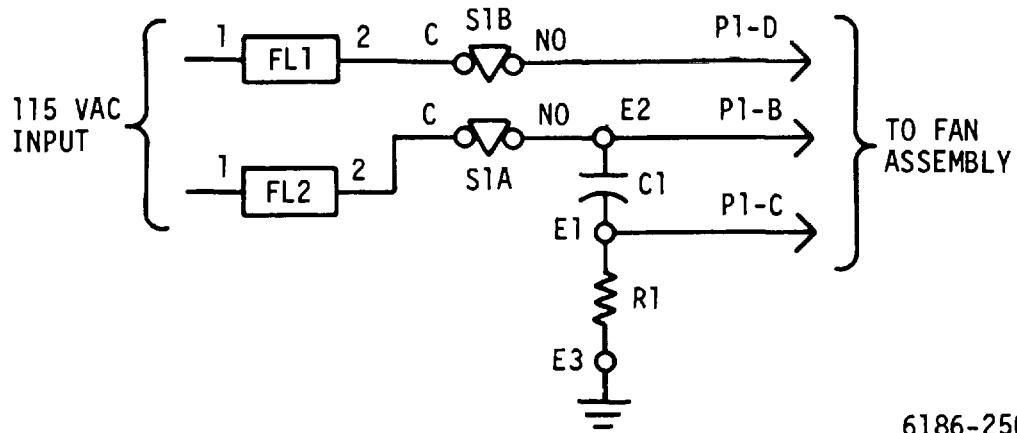


Figure 4-1. Fan Assembly Input Circuit - Schematic Diagram

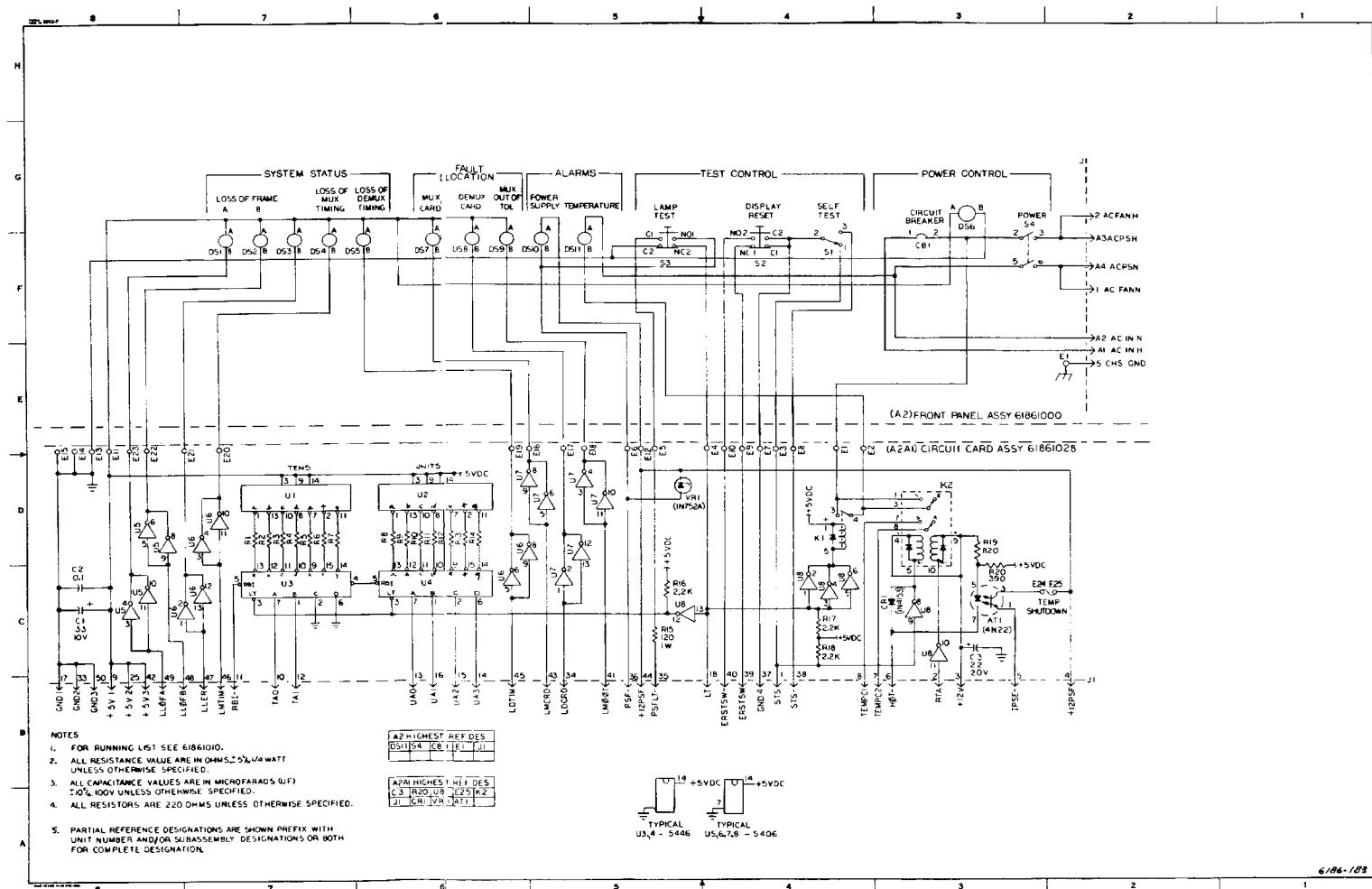


Figure FO-1. Front Panel - Schematic Diagram
 FO-1/(FO-2 blank)

T.O. 31W2-2GSC24-3

TM 11-5805-688-14-2

NAVELEX 0967-LP-545-3020

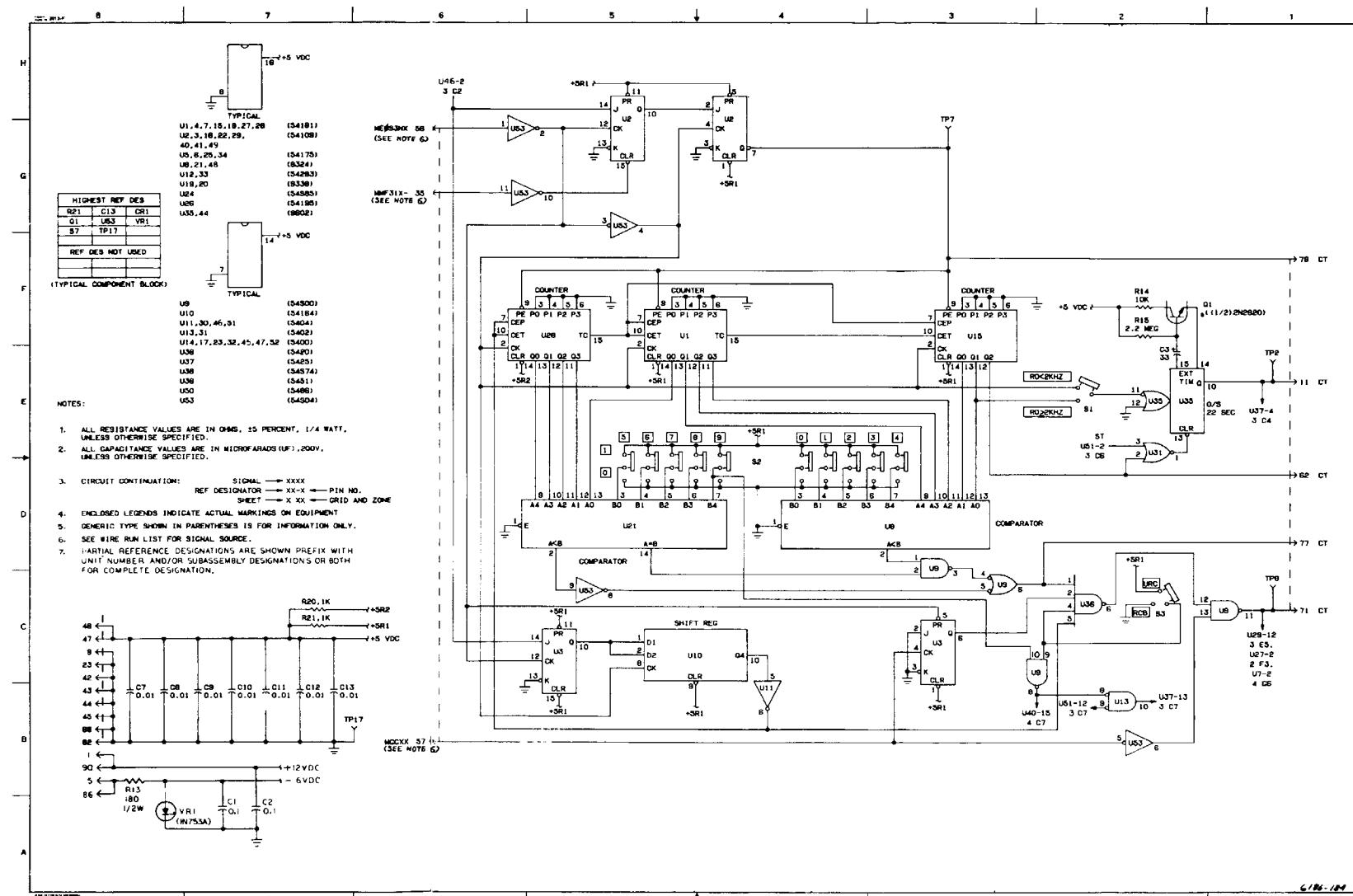


Figure FO-2. RCB Card - Logic Diagram
(Sheet 1 of 4). FO-3

T.O 31W2-2GSC24-3
TM 11-5805-688-14-2
NAVELEX 0967-LP-545-3020

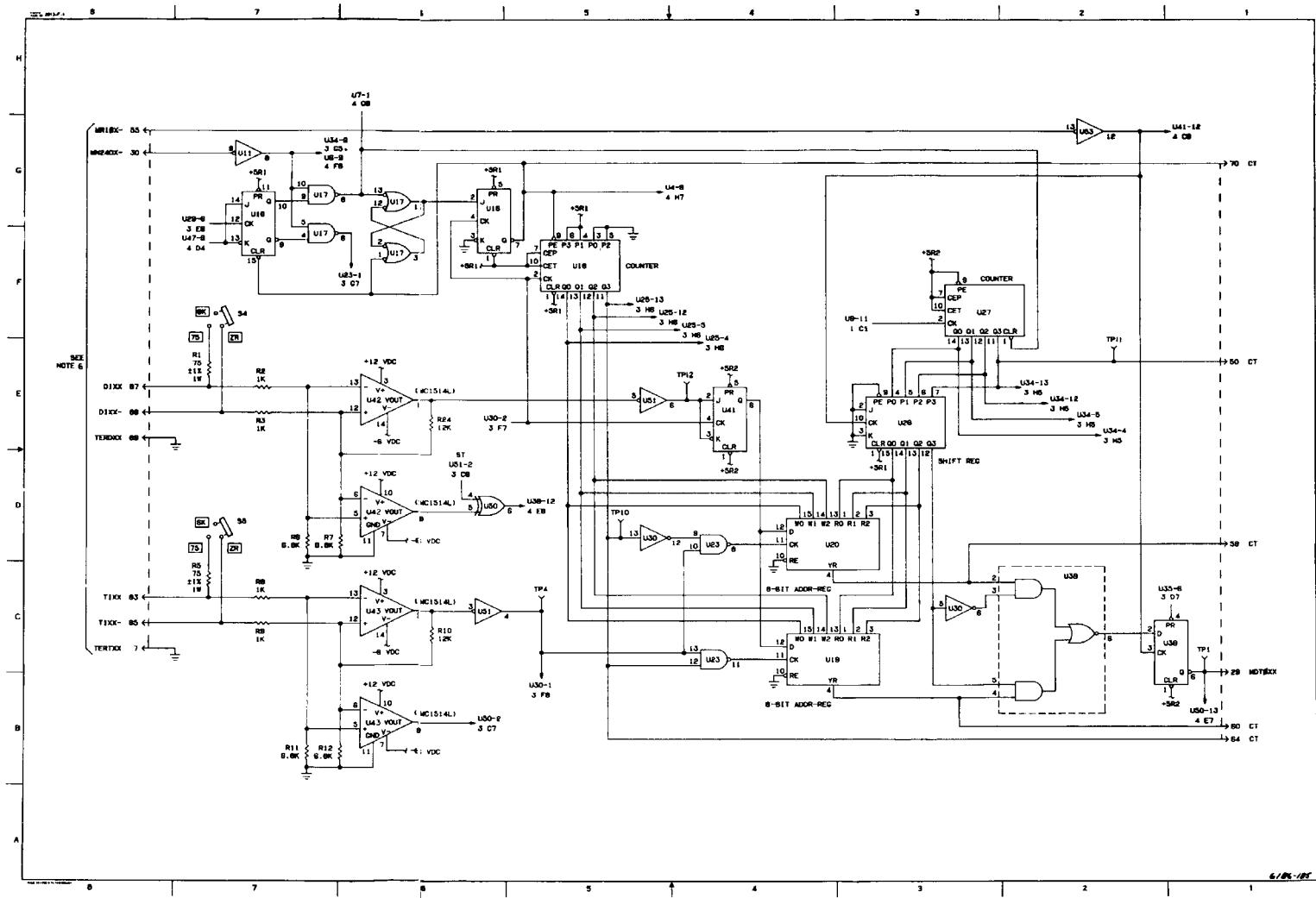


Figure FO-2. RCB Card - Logic Diagram
(Sheet 2 of 4)
FO-5/FO-6 blank)

T.O 31W2-2GSC24-3
 TM 11-5805-688-14-2
 NAVELEX 0967-LP-545-3020

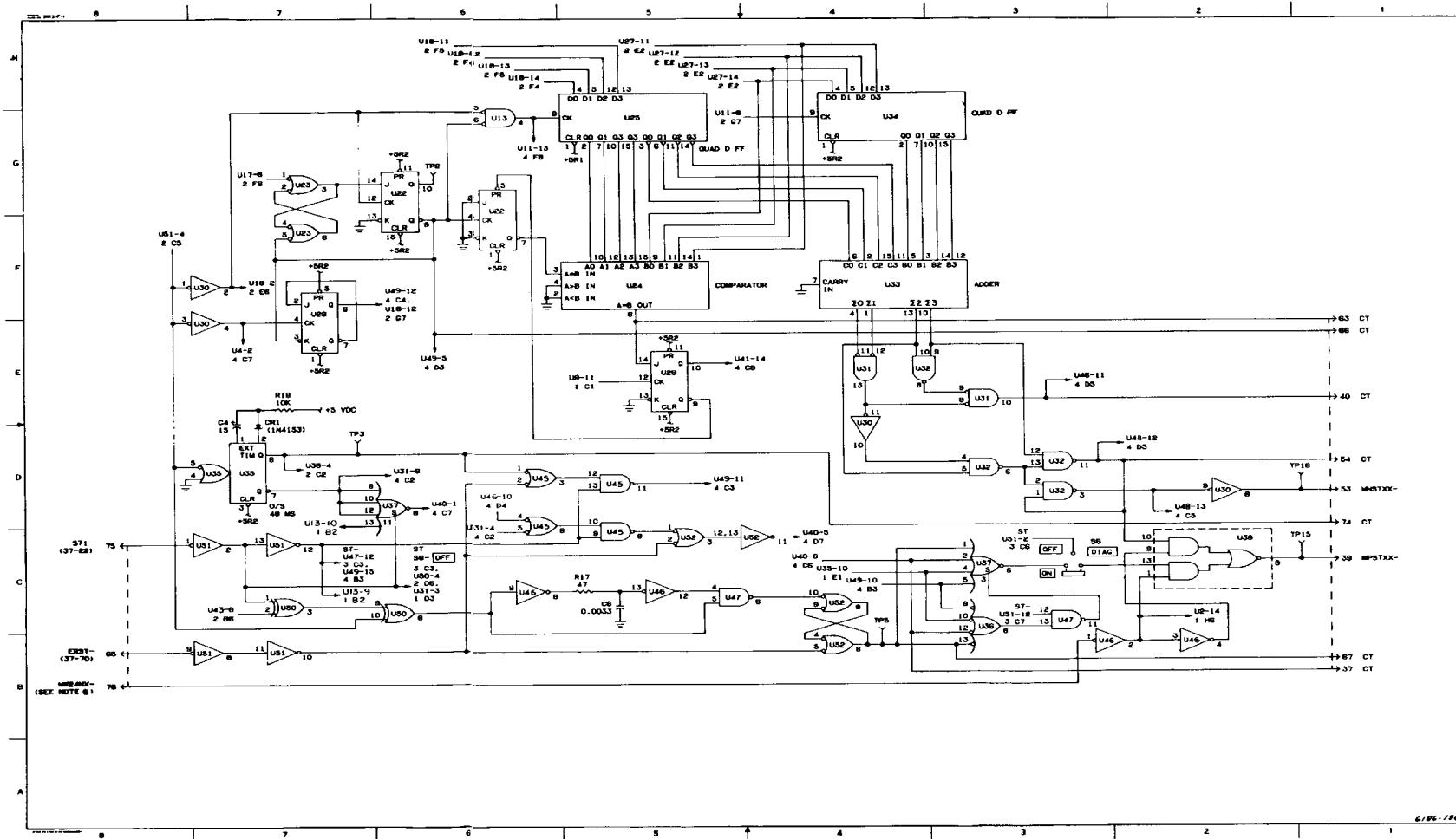
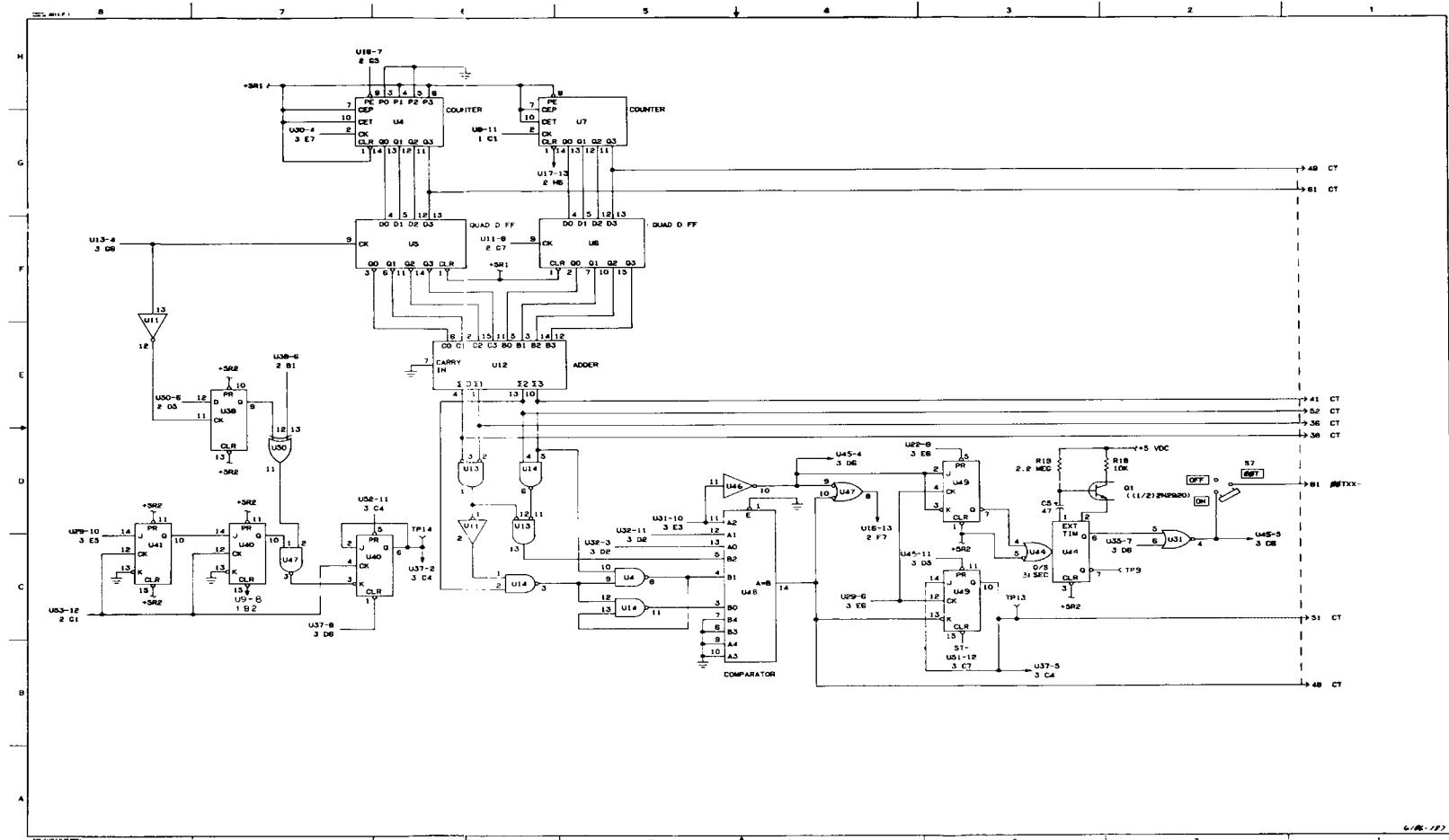


Figure FO-2. RCB Card - Logic Diagram
 (Sheet 3 of 4)
 FO-7/(FO-8 blank)



*Figure FO-2. RCB Card - Logic Diagram
(Sheet 4 of 4)
FO-9/(FO-10 blank)*

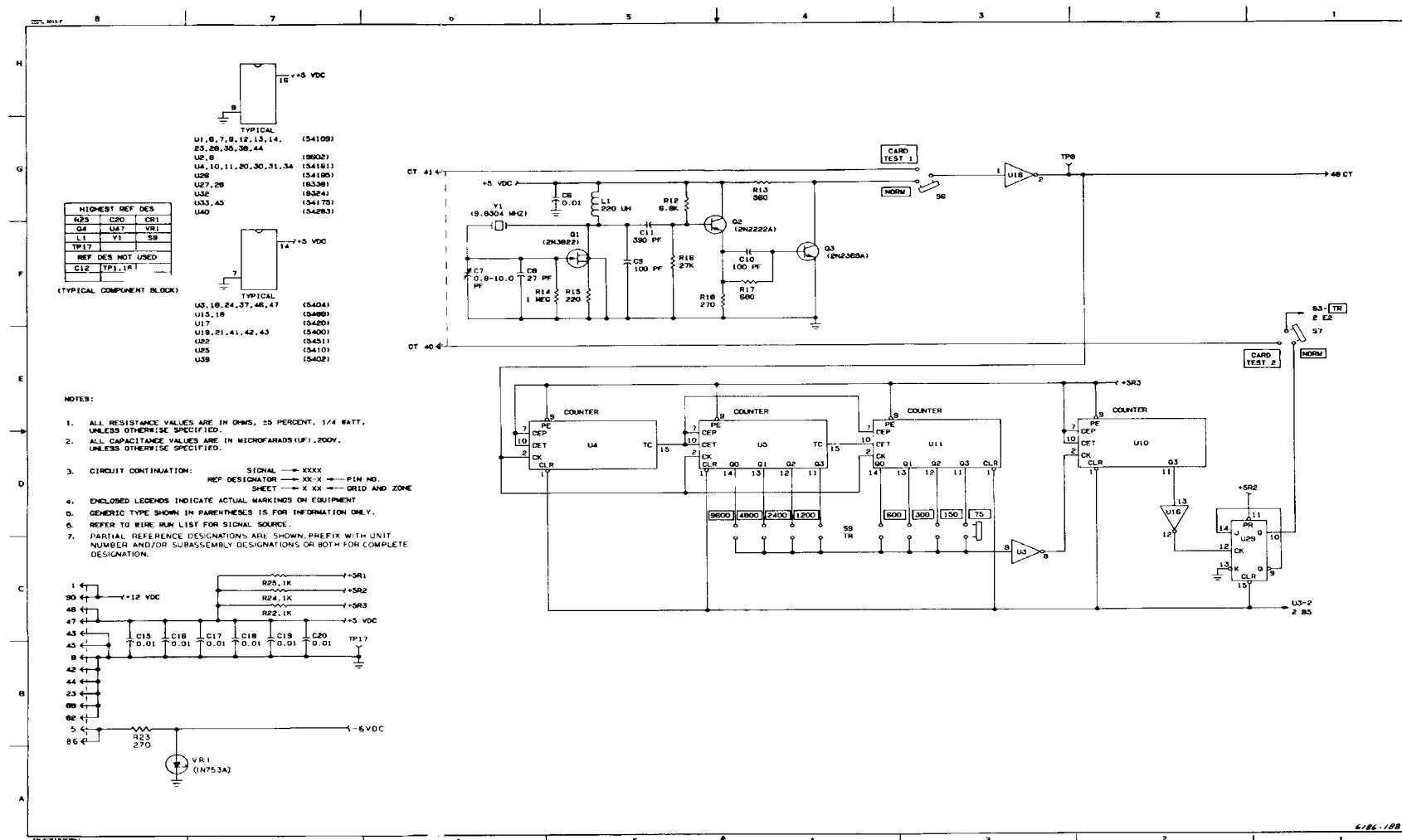
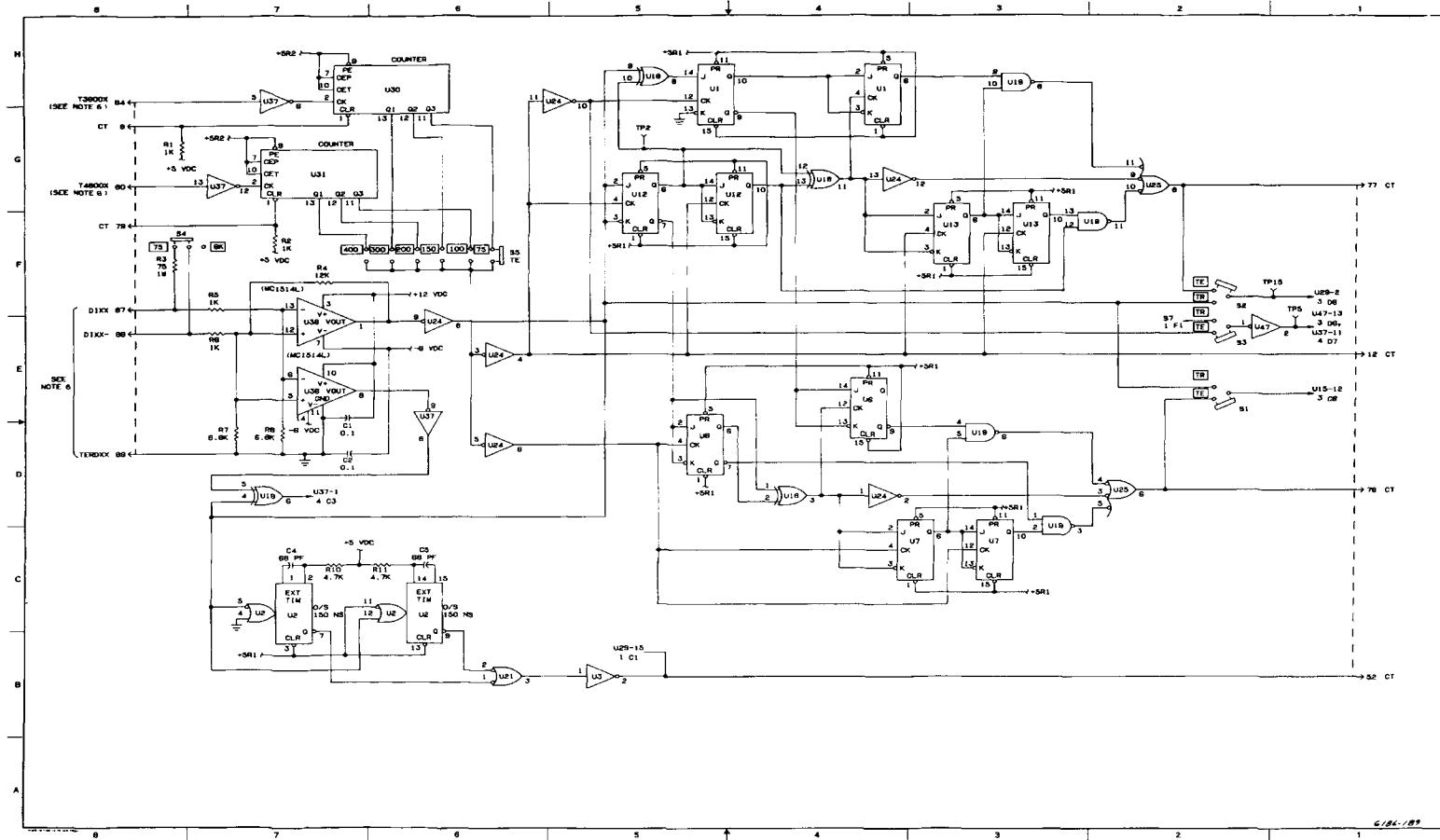


Figure FO-3. TE/TR Card - Logic Diagram
 (Sheet 1 of 4)
 FO-11/(FO-12 blank)



*Figure FO-3. TE/TR Card - Logic Diagram
(Sheet 2 of 4)
FO-13/FO-14 blank)*

T.O. 31W2-2GSC
 TM 11-5805-688-14-2
 NAVELEX 0967-LP-545-3020

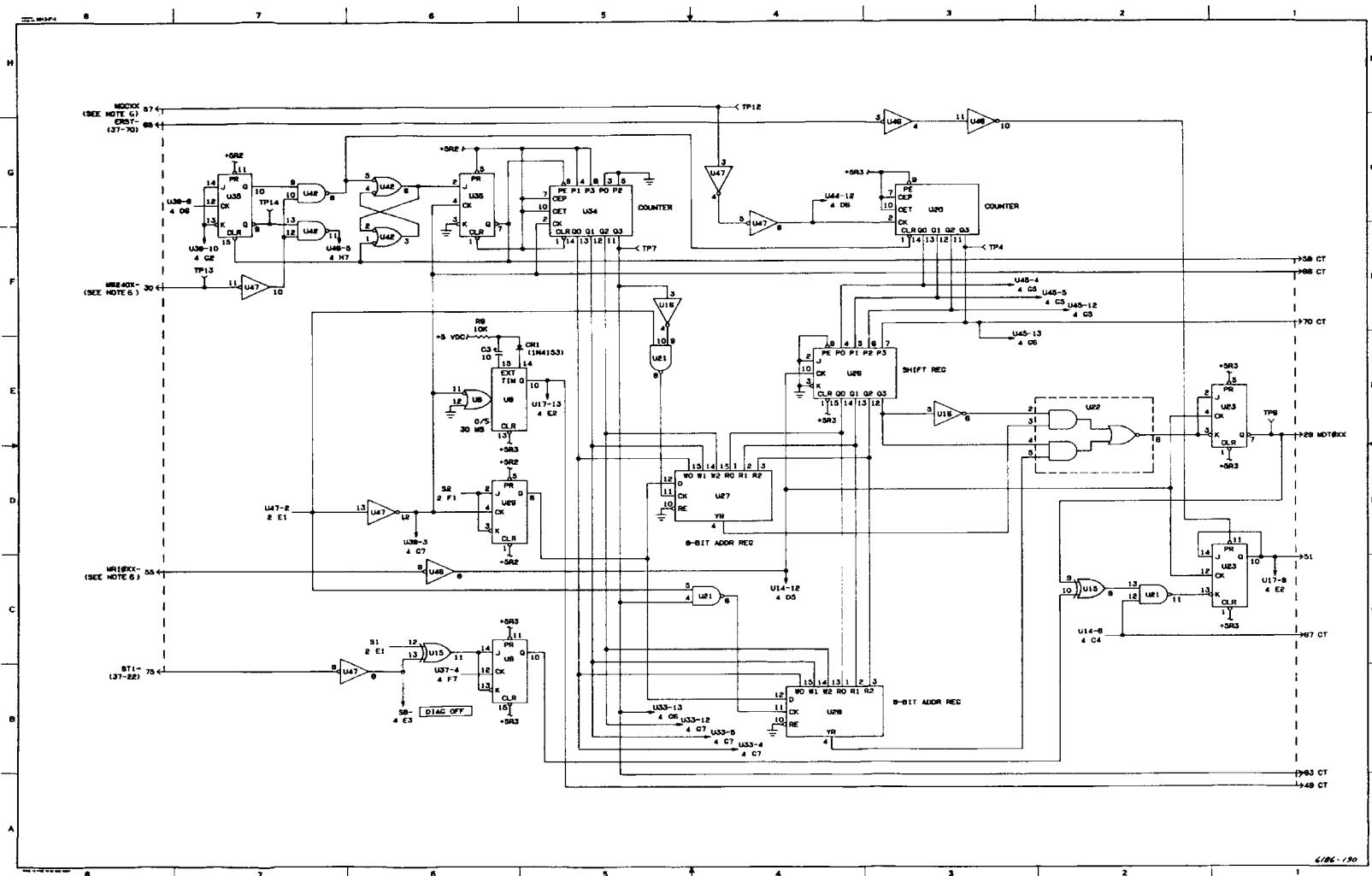


Figure FO-3. TE/TR Card - Logic Diagram
 (Sheet 3 of 4)
 FO-15/FO-16 blank)

T.O. 31W2-2GSC
 TM 11-5805-688-14-2
 NAVELEX 0967-LP-545-3020

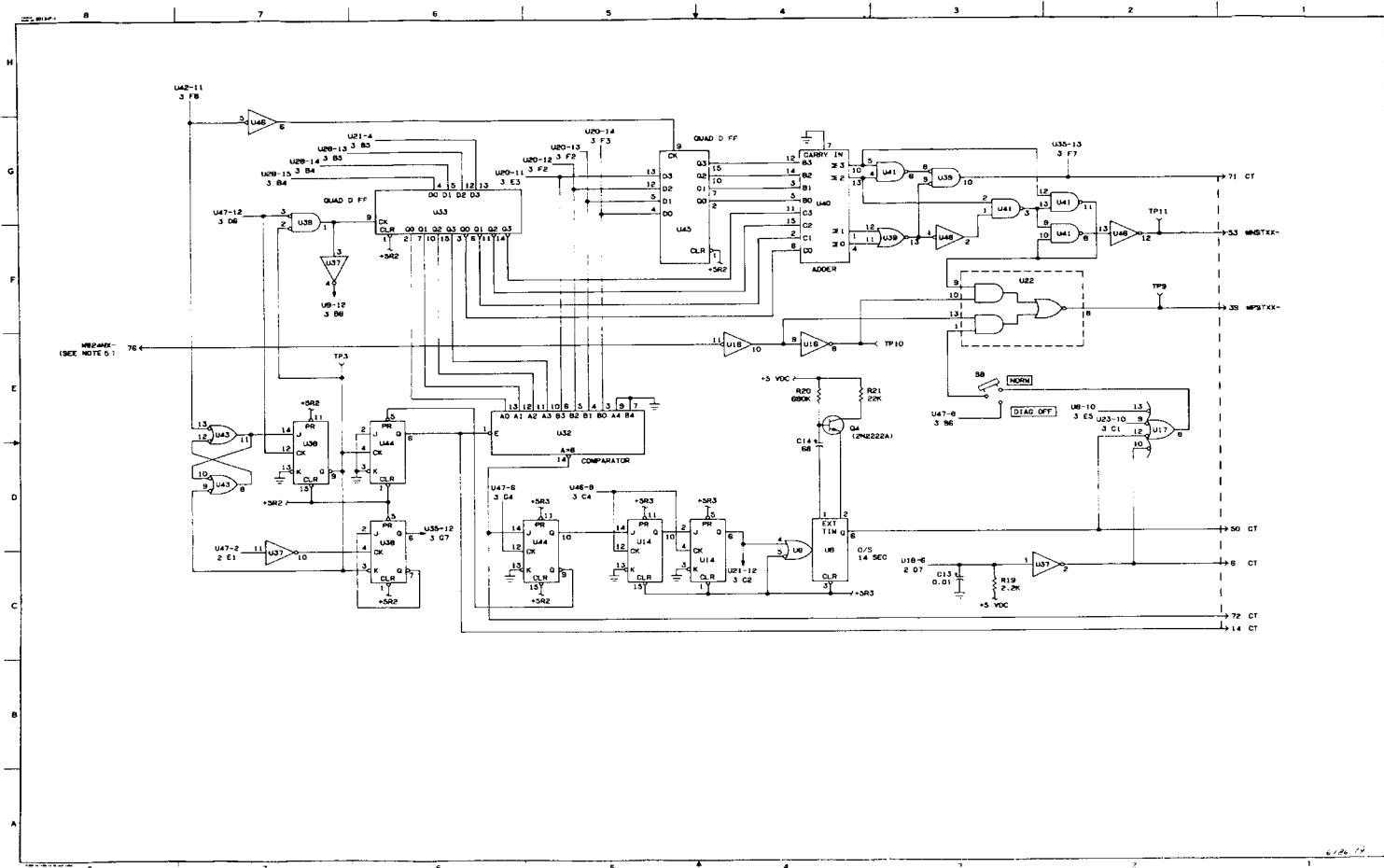
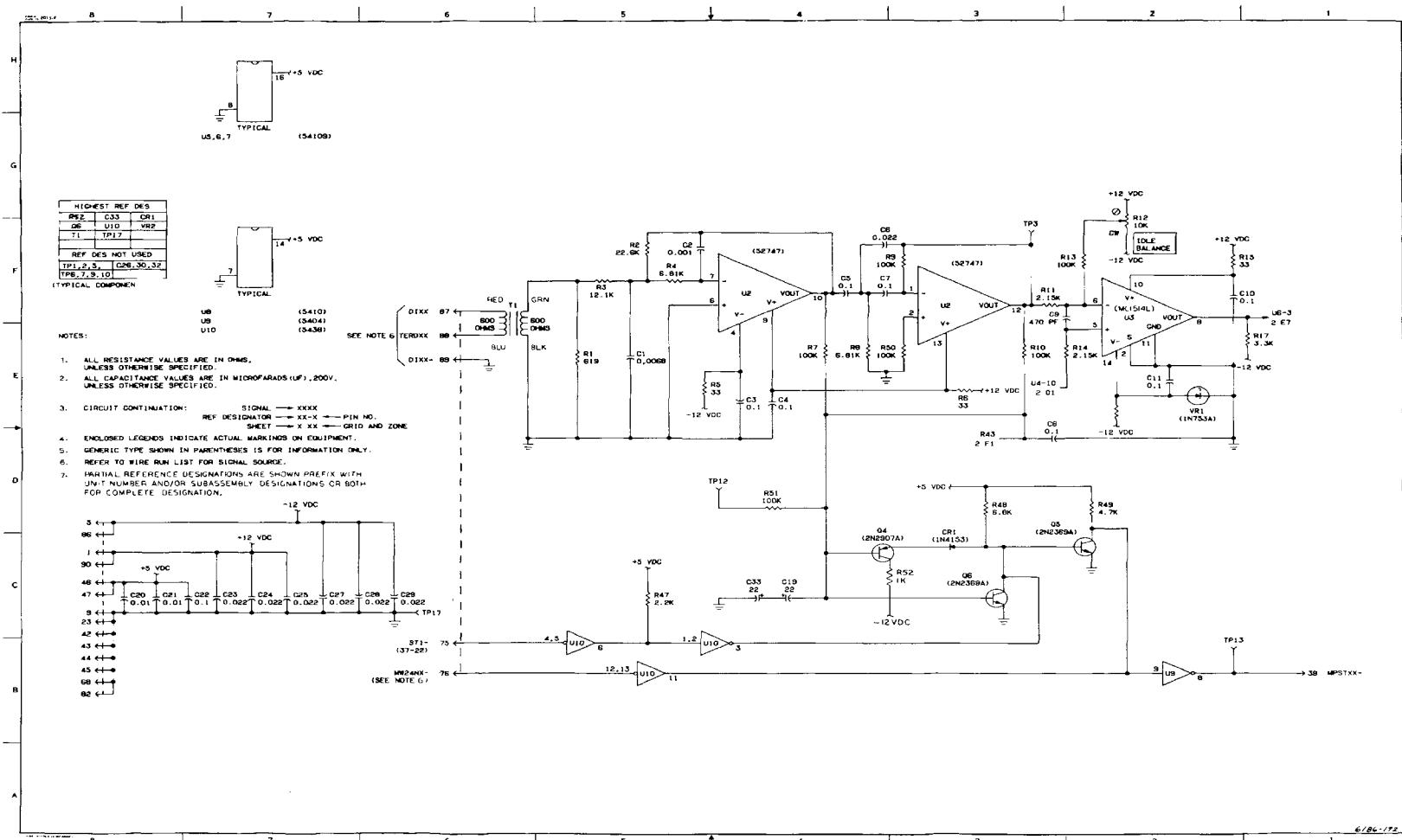


Figure FO-3. TE/TR Card - Logic Diagram
 (Sheet 4 of 4)
 FO-17/(FO-18 blank)



*Figure FO-4. VE Card - Logic Diagram
(Sheet 1 of 2)
FO-19/(FO-20 blank)*

T.O. 31W2-2GSC
 TM 11-5805-688-14-2
 NAVELEX 0967-LP-545-3020

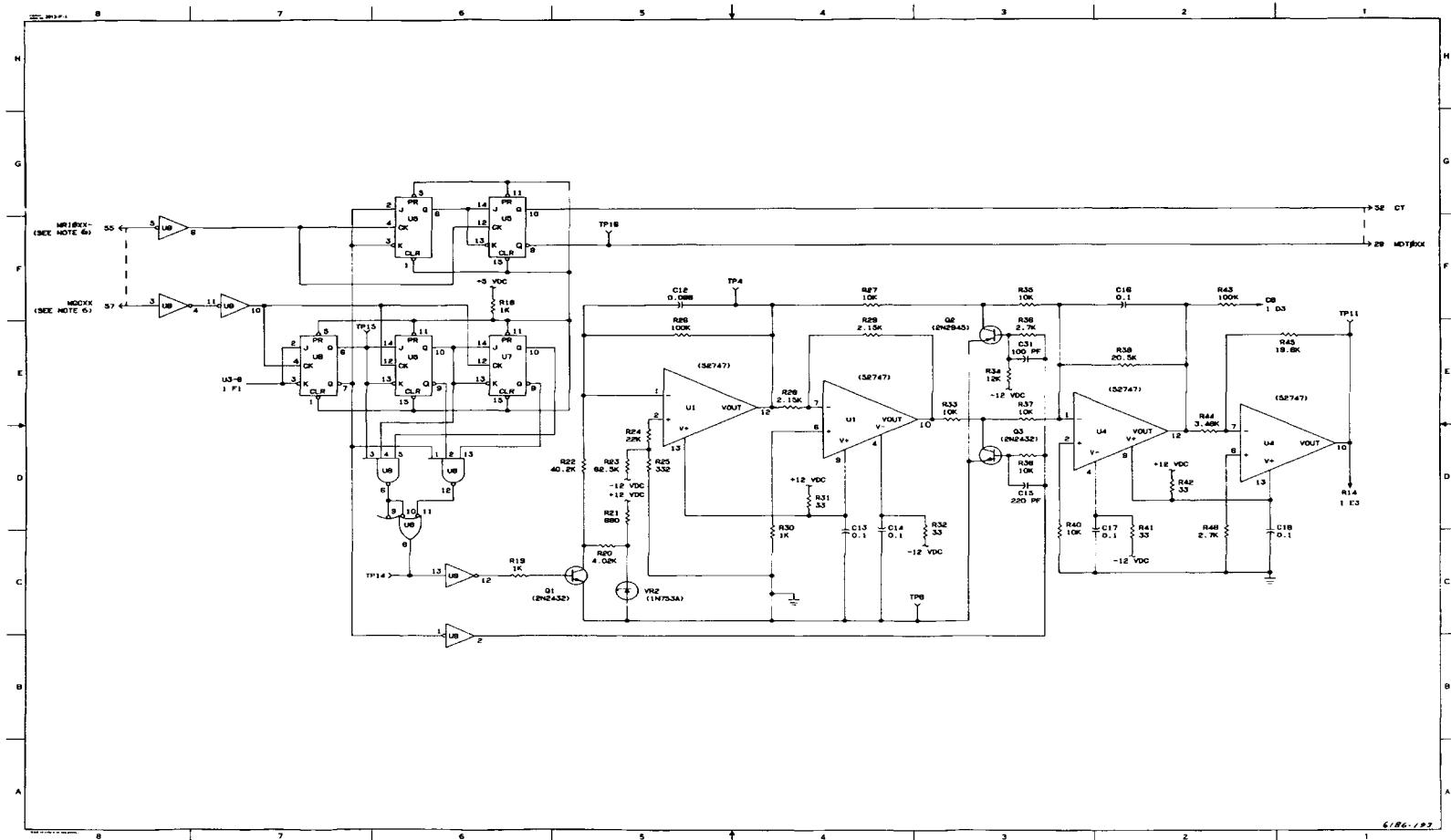
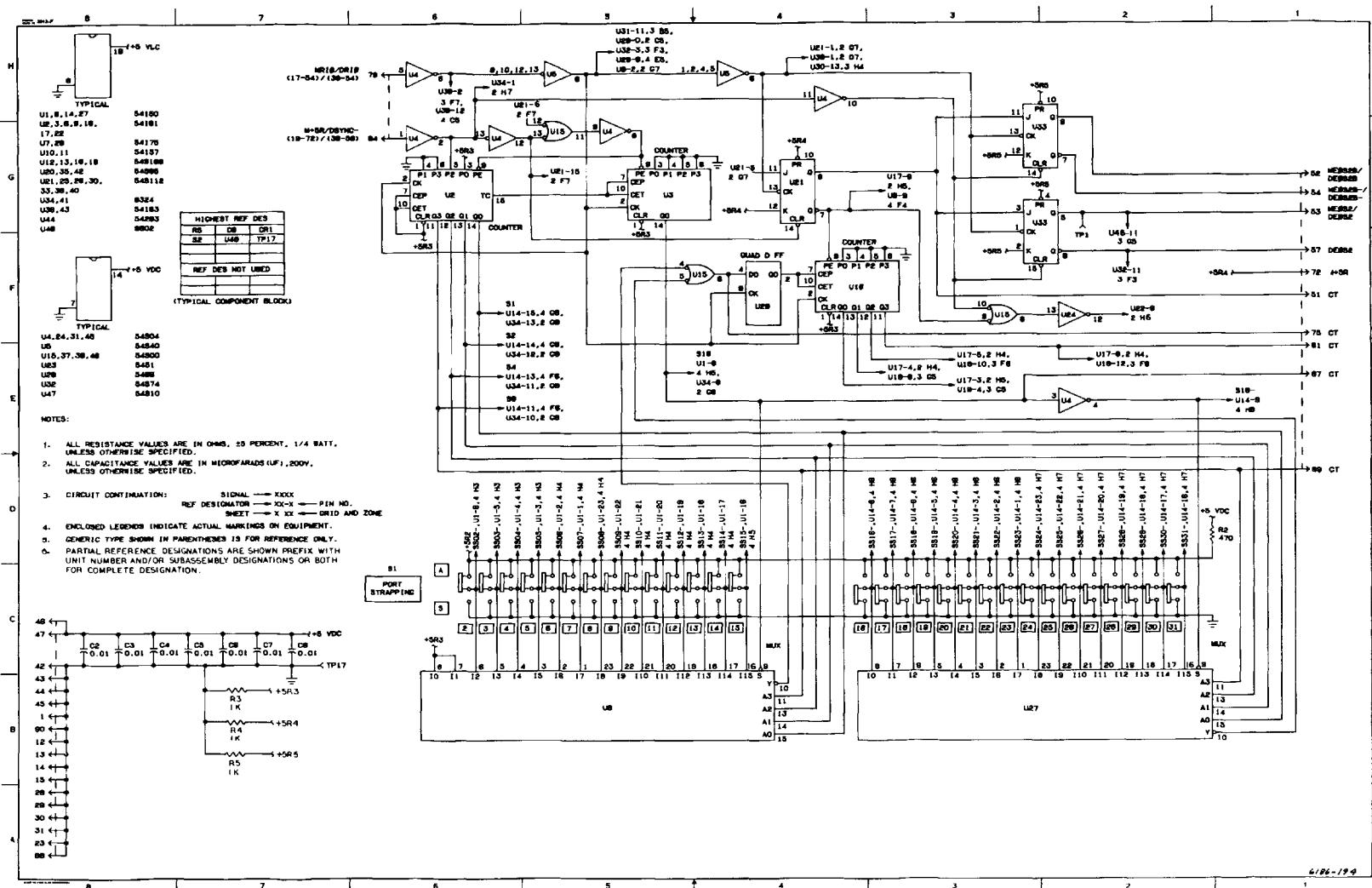
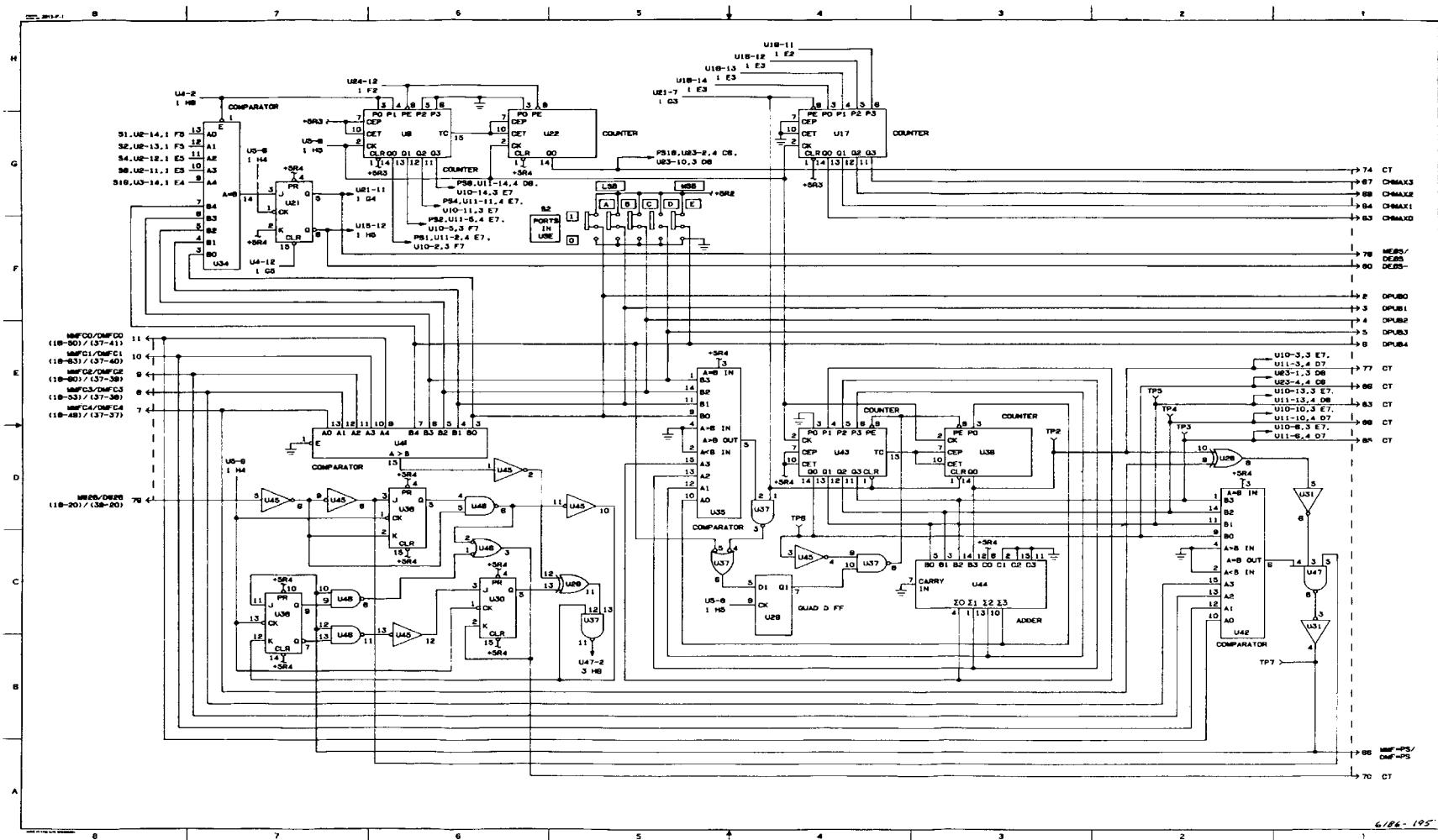


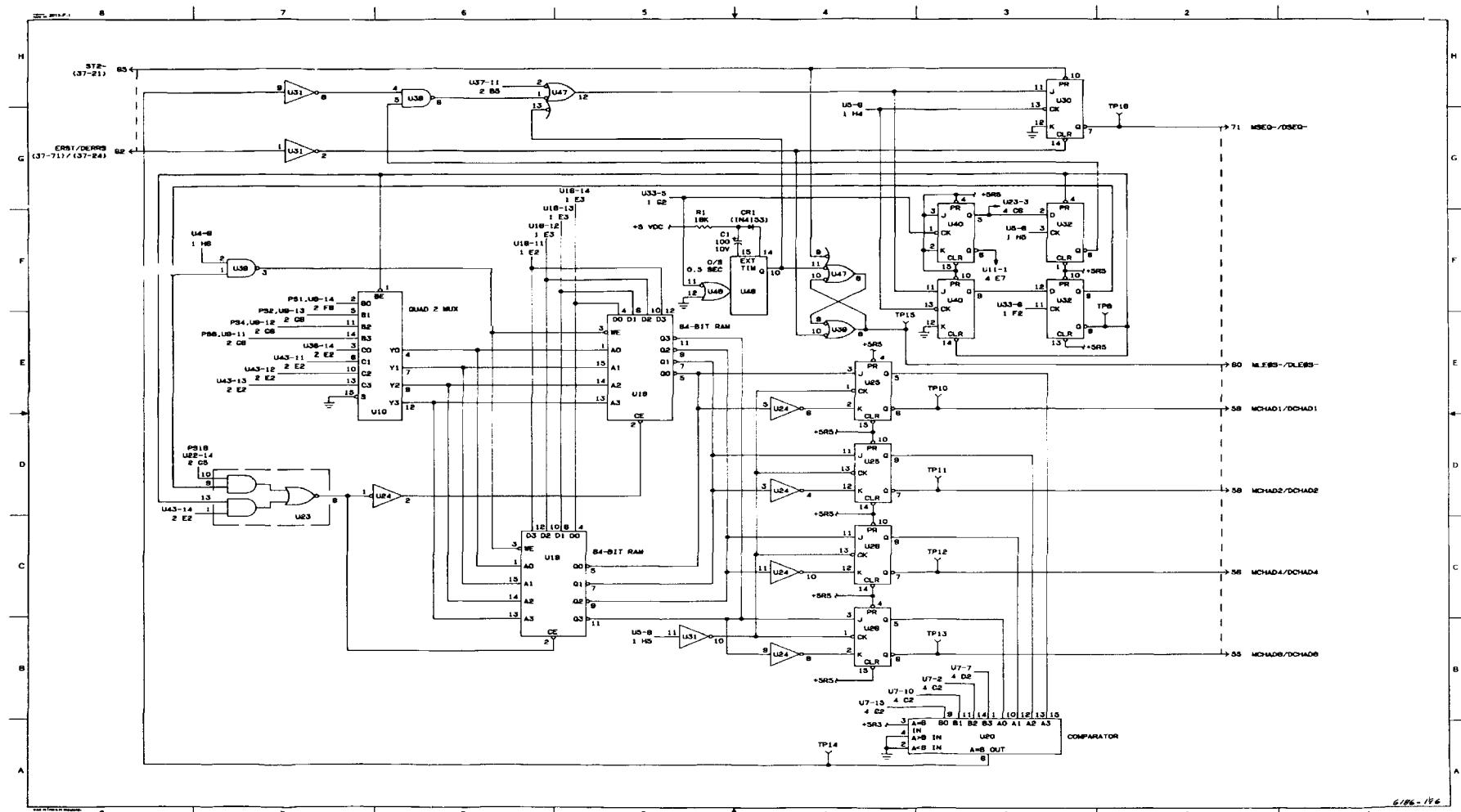
Figure FO-4. VE Card - Logic Diagram
 (Sheet 2 of 2)
 FO-21/FO-22 blank)



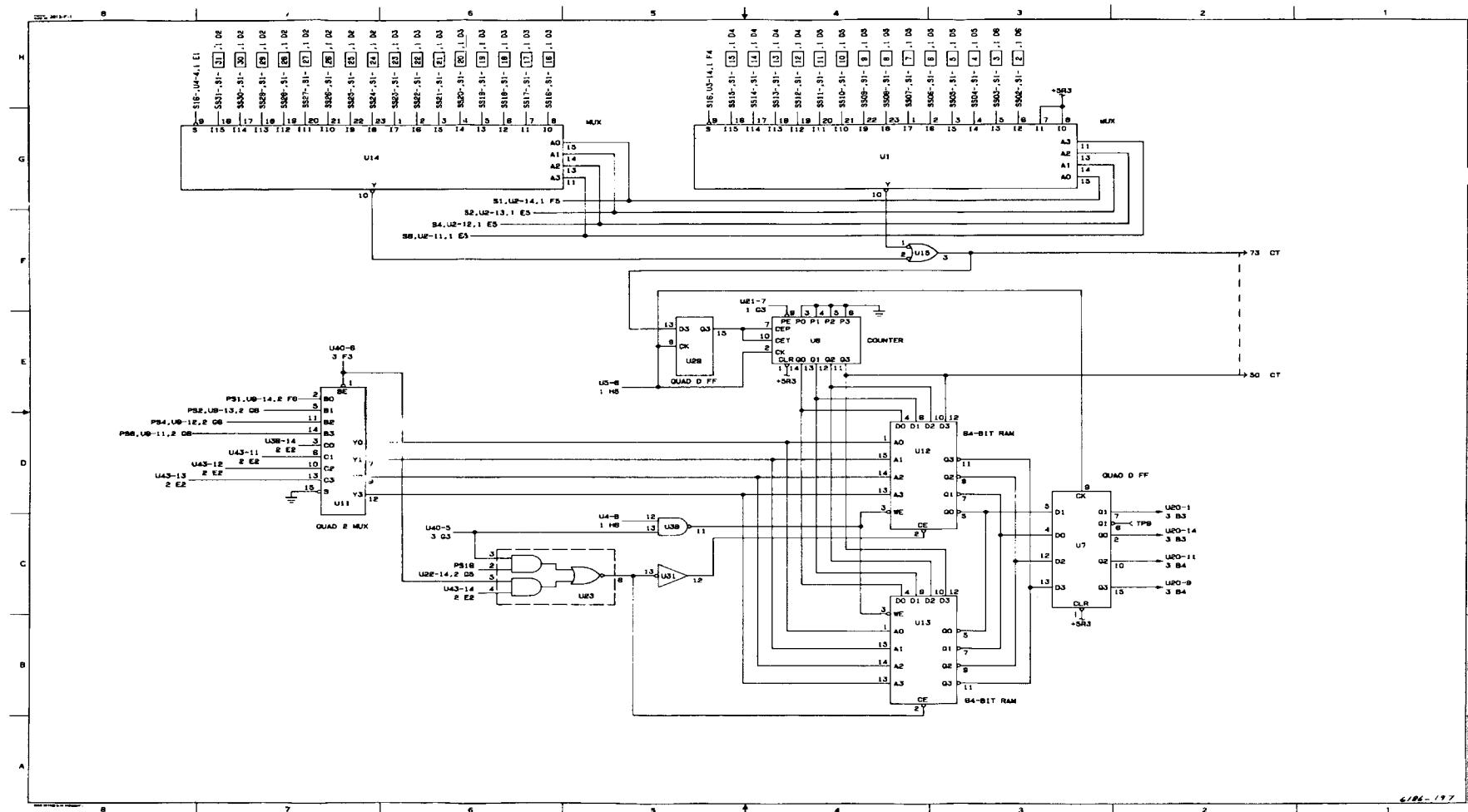
*Figure FO-5. Seq Card - Logic Diagram
(Sheet 1 of 4)
FO-23/(FO-24 blank)*



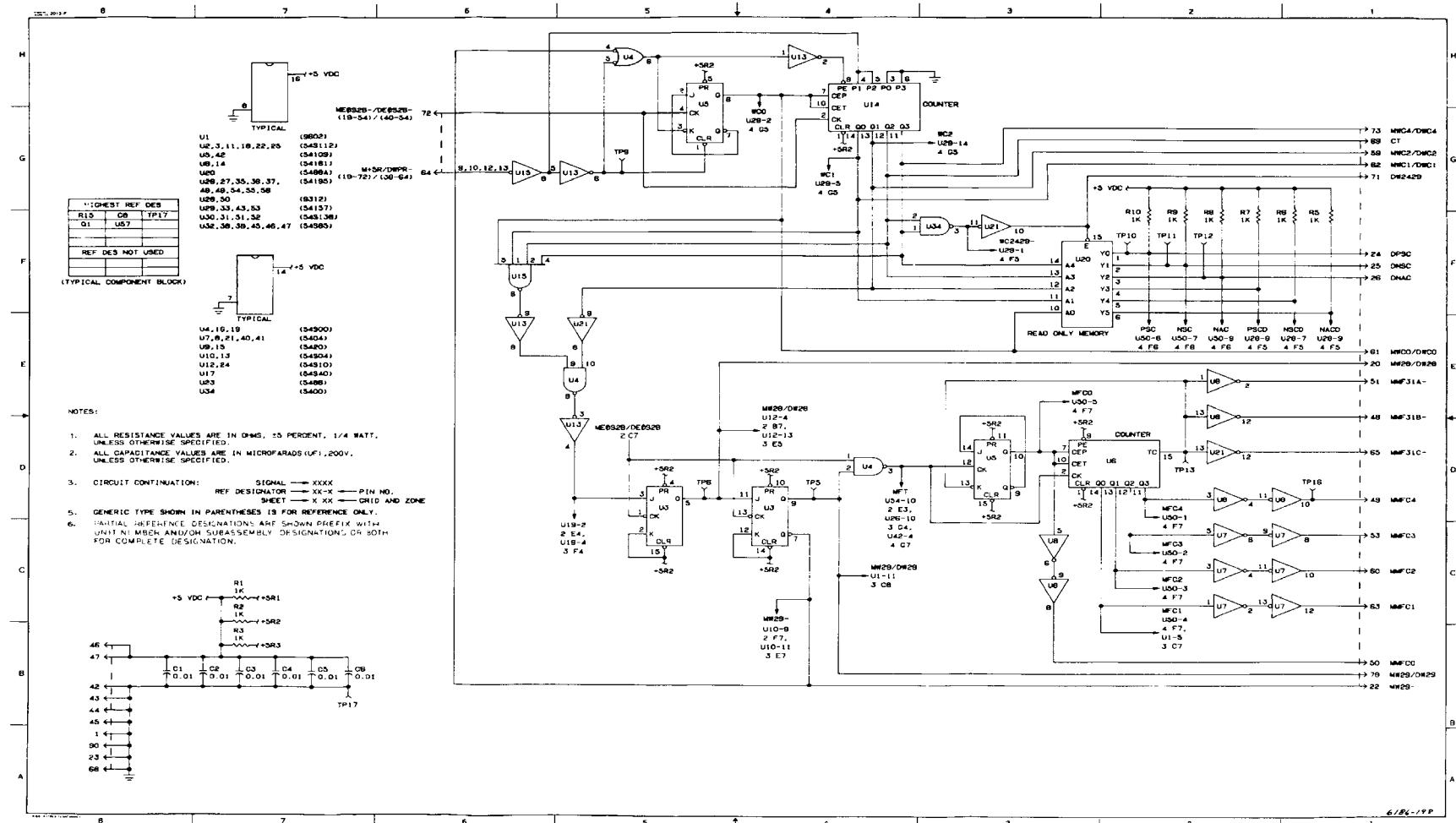
*Figure FO-5. Seq Card - Logic Diagram
(Sheet 2 of 4)
FO-25/(FO-26 blank)*



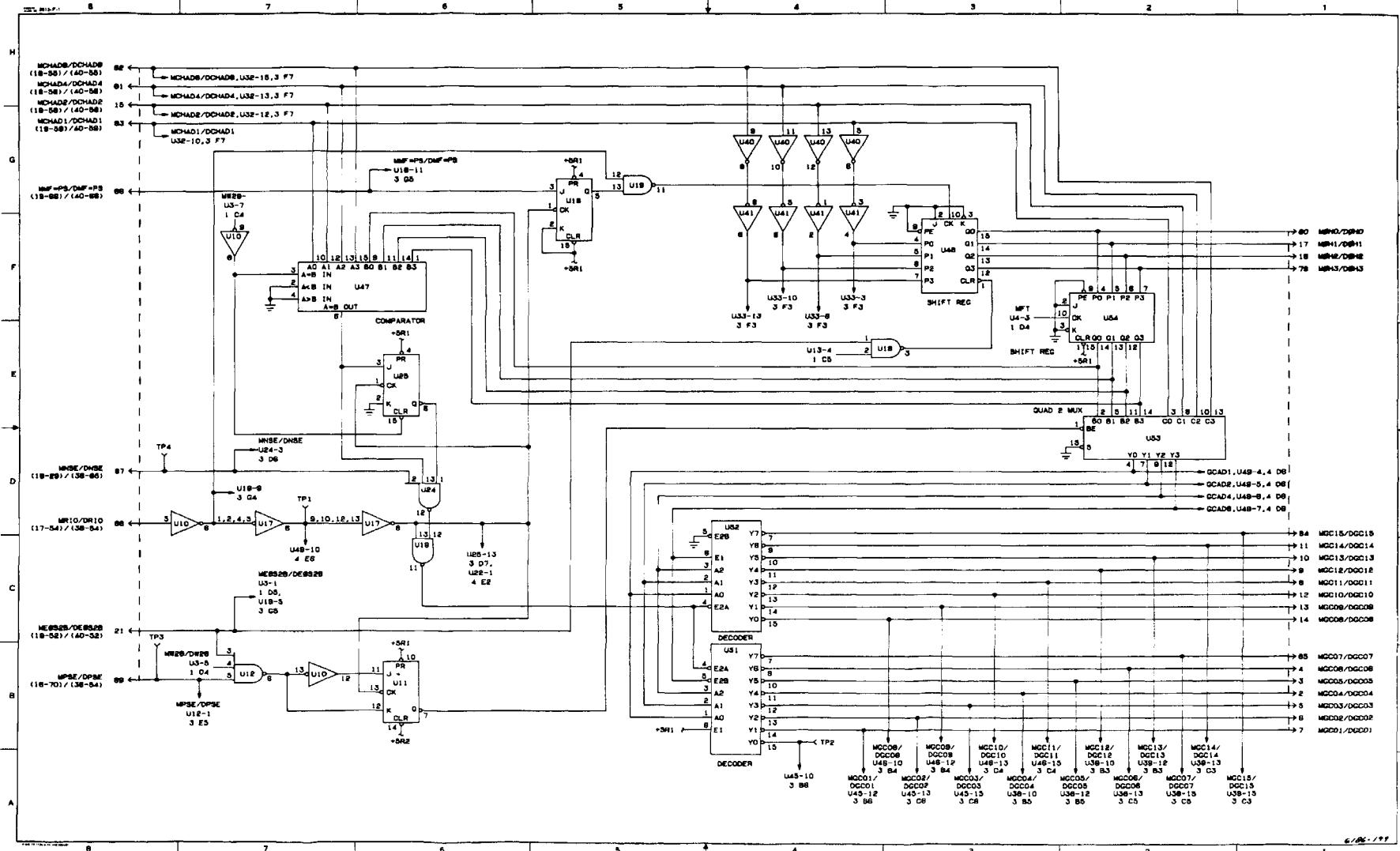
*Figure FO-5. Seq Card - Logic Diagram
(Sheet 3 of 4)
FO-27/(FO-28 blank)*



*Figure FO-5. Seq Card-Logic Diagram
(Sheet 4 of 4)
FO-29/(FO-30 blank)*



*Figure FO-6. GC/DM Card - Logic Diagram
(Sheet 1 of 4)
FO-31/(FO-32 blank)*



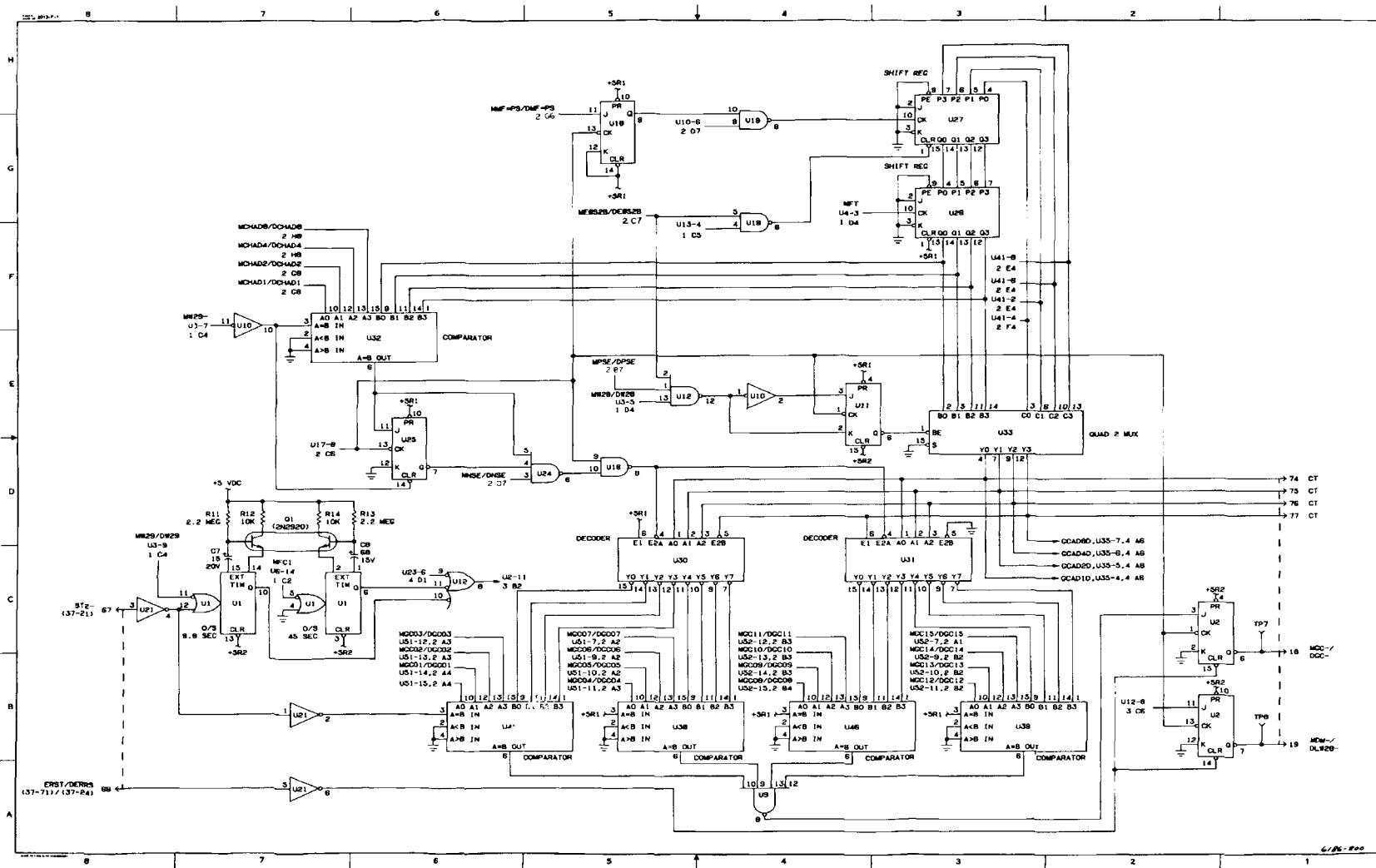


Figure FO-6. GC/DM Card - Logic Diagram
(Sheet 3 of 4)
FO-35/(FO-36 blank)

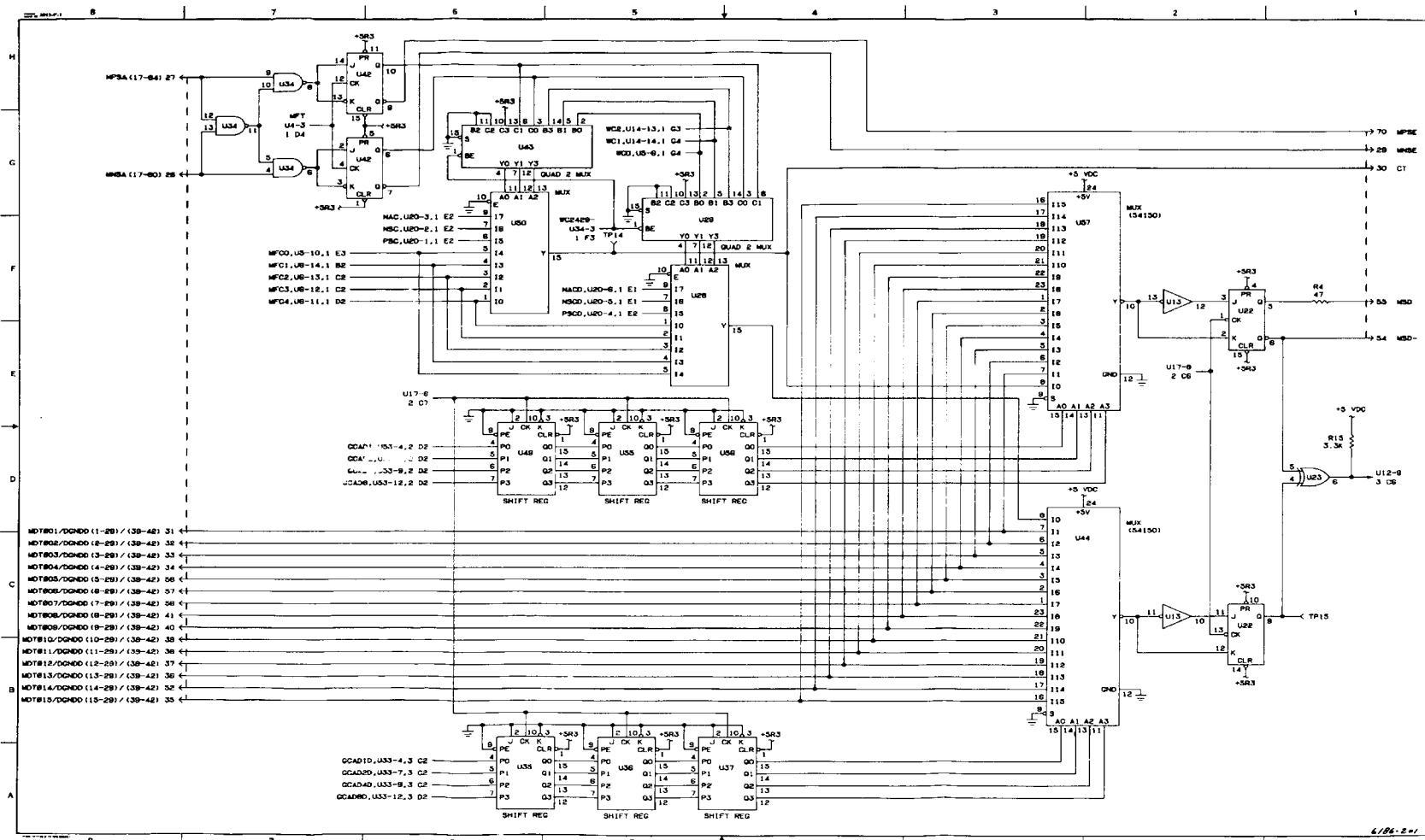


Figure FO-6. GC/DM Card-Logic Diagram (Sheet 4 of 4)

FO-37/(FO-38 blank)

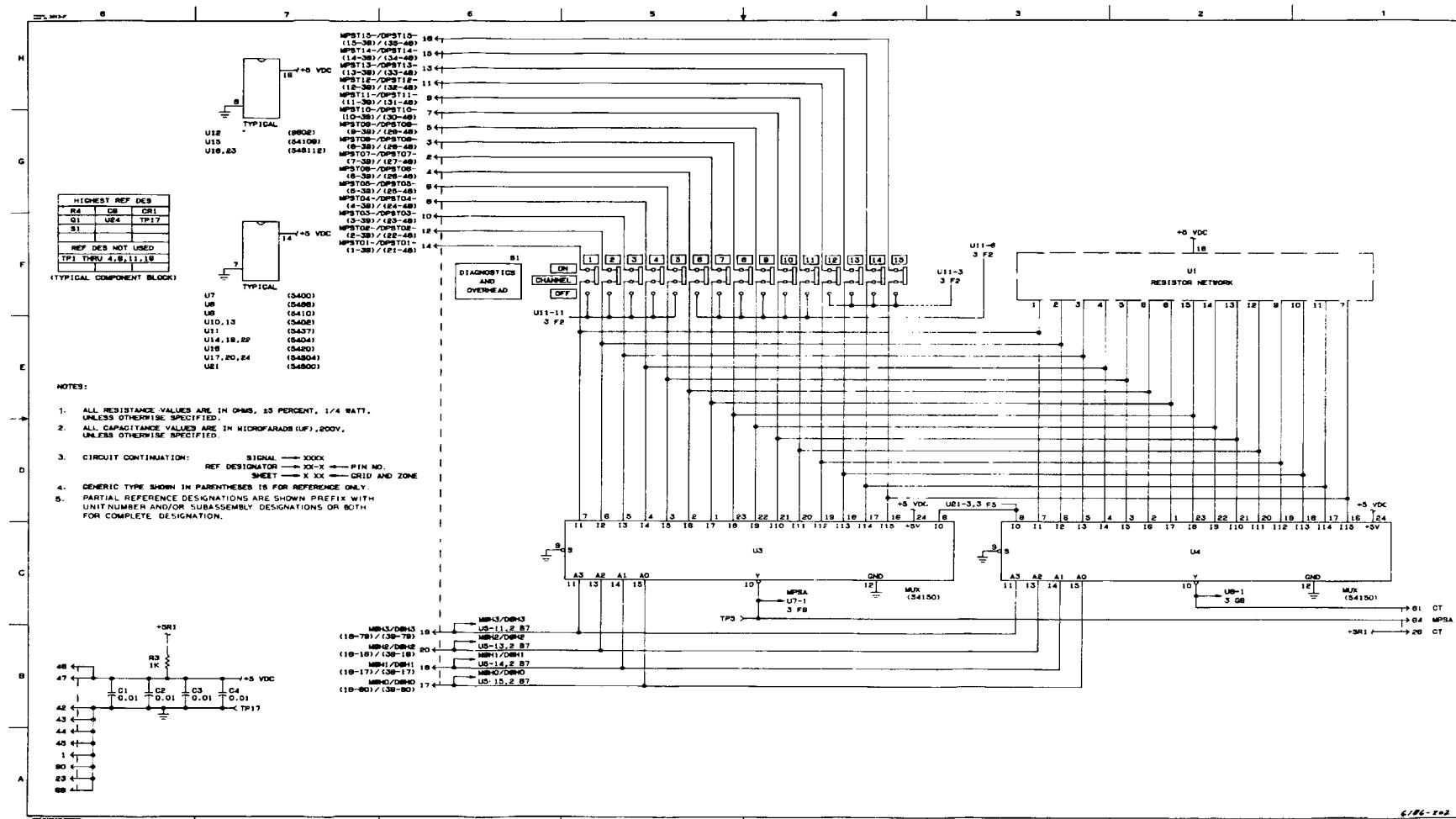


Figure FO-7. OEG Card-Logic Diagram (Sheet 1 of 3)

FO-39/(FO-40 blank)

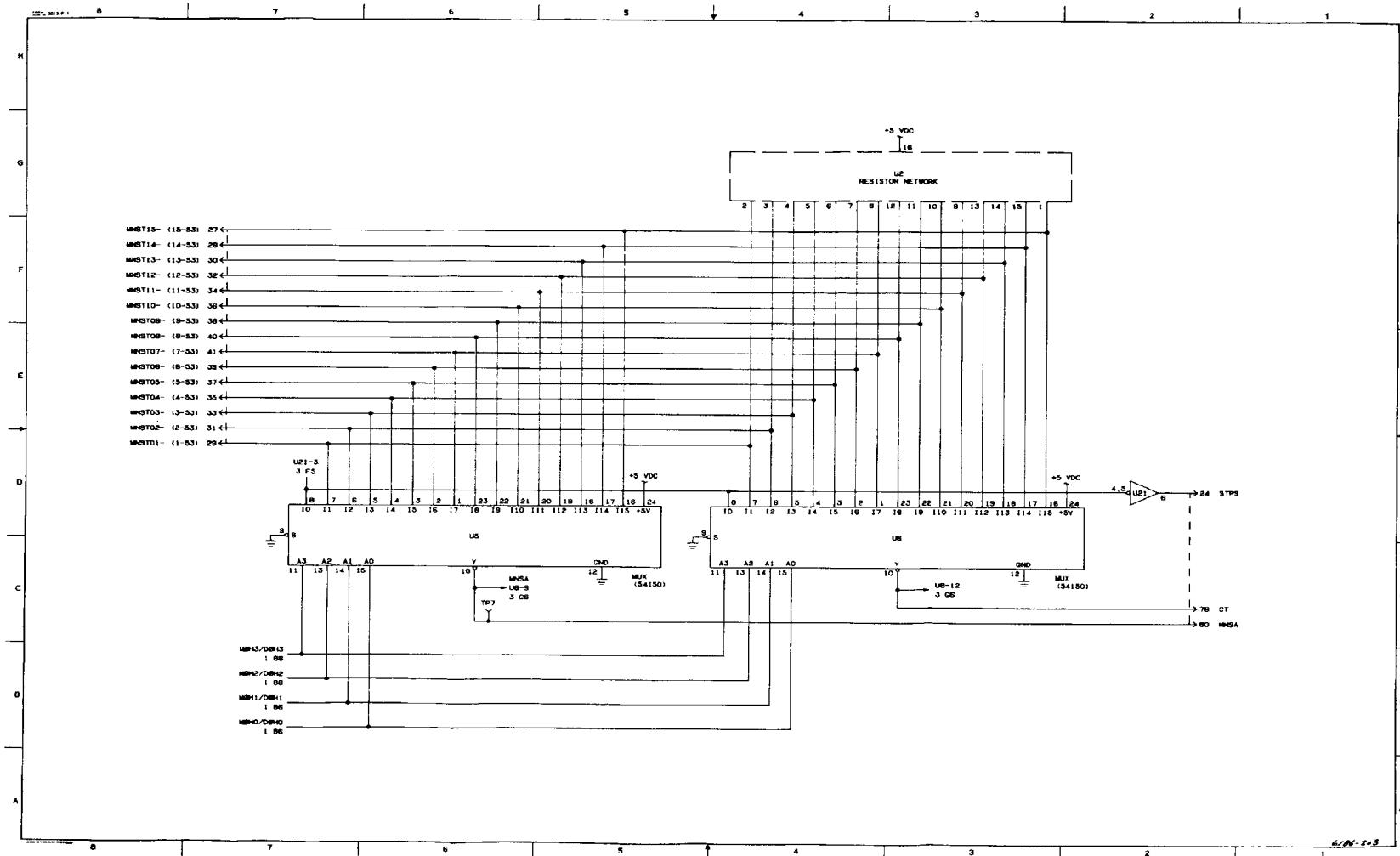


Figure FO-7. OEG Card-Logic Diagram (Sheet 2 of 3)

FO-41/(FO-42 blank)

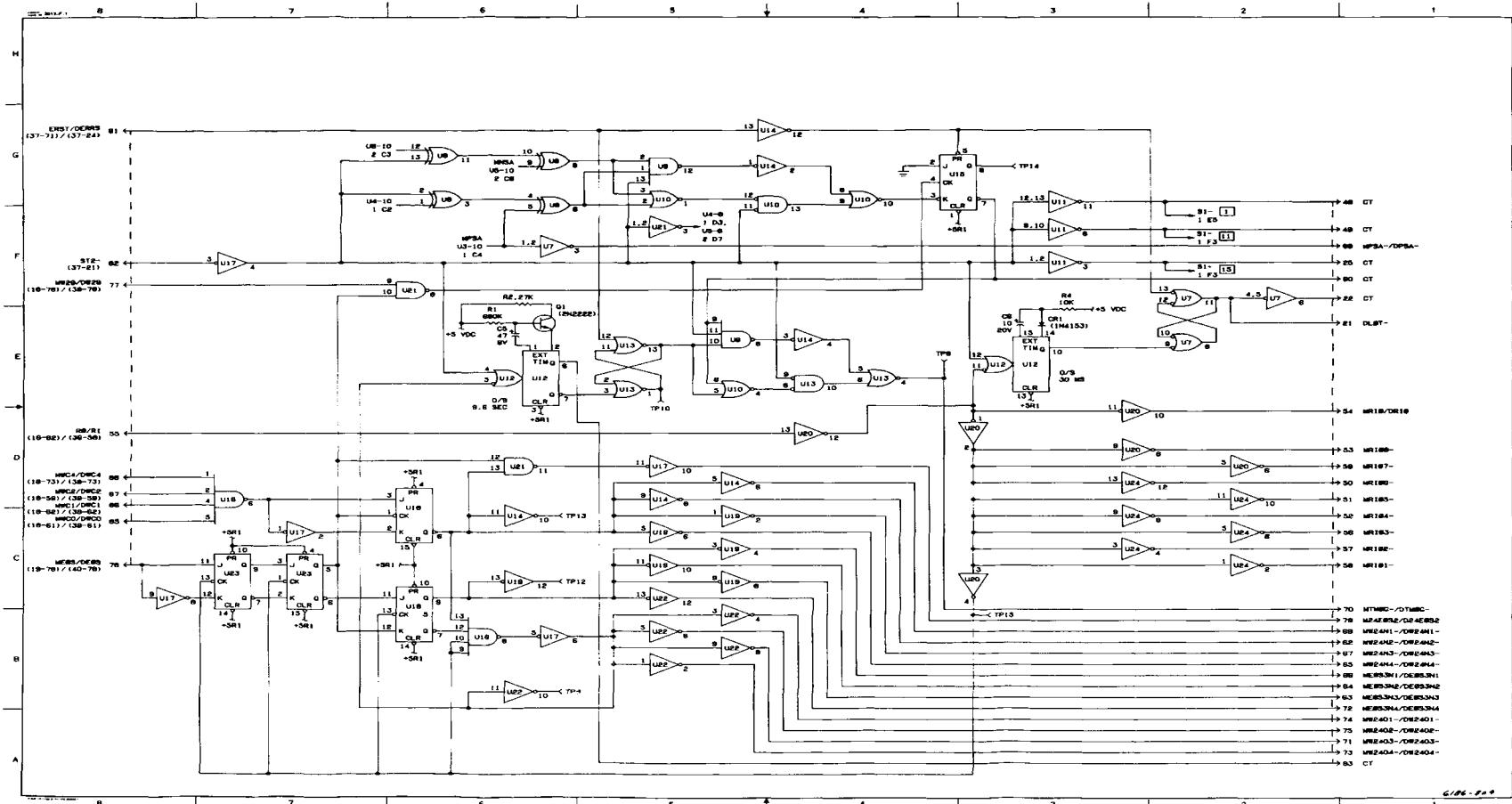
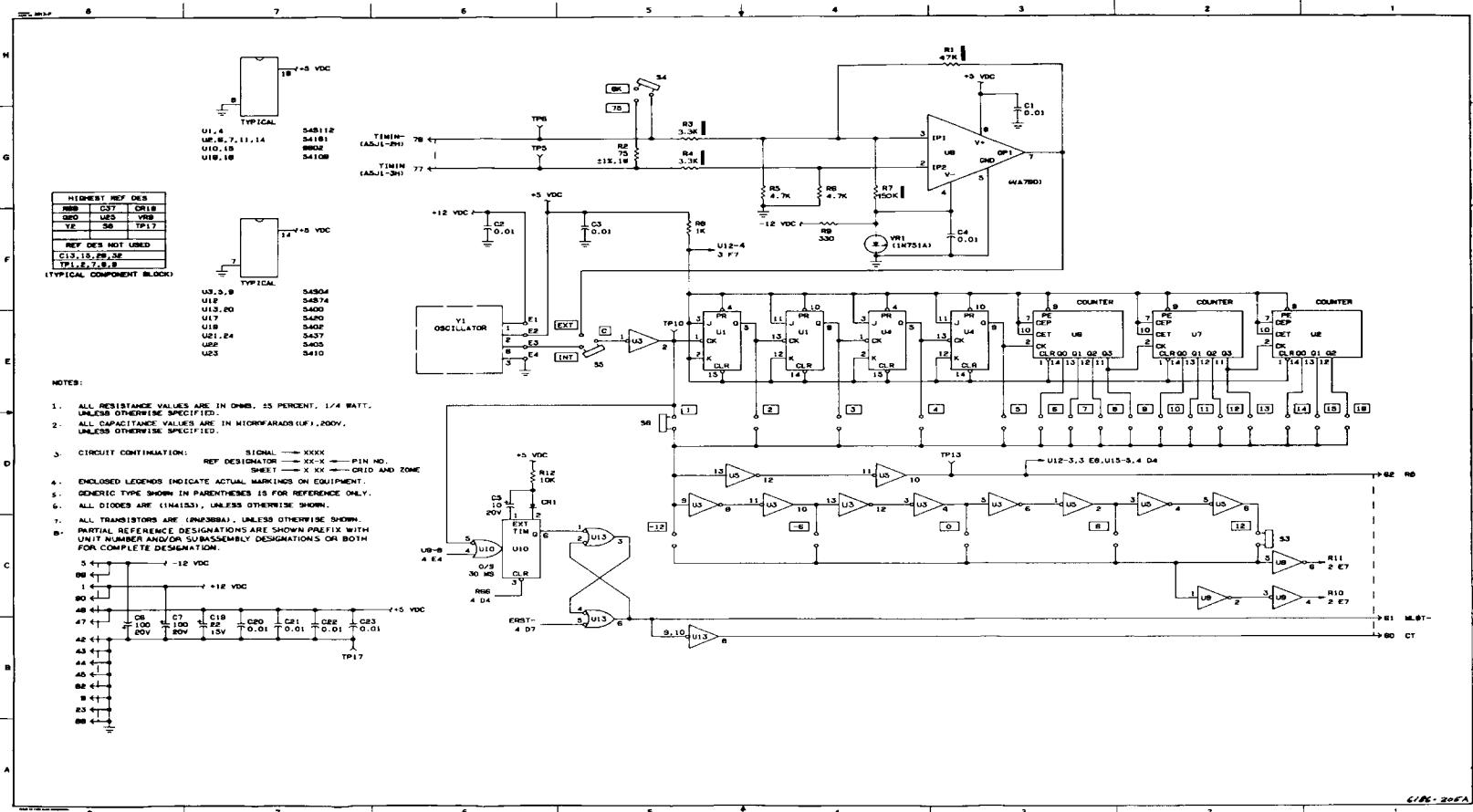
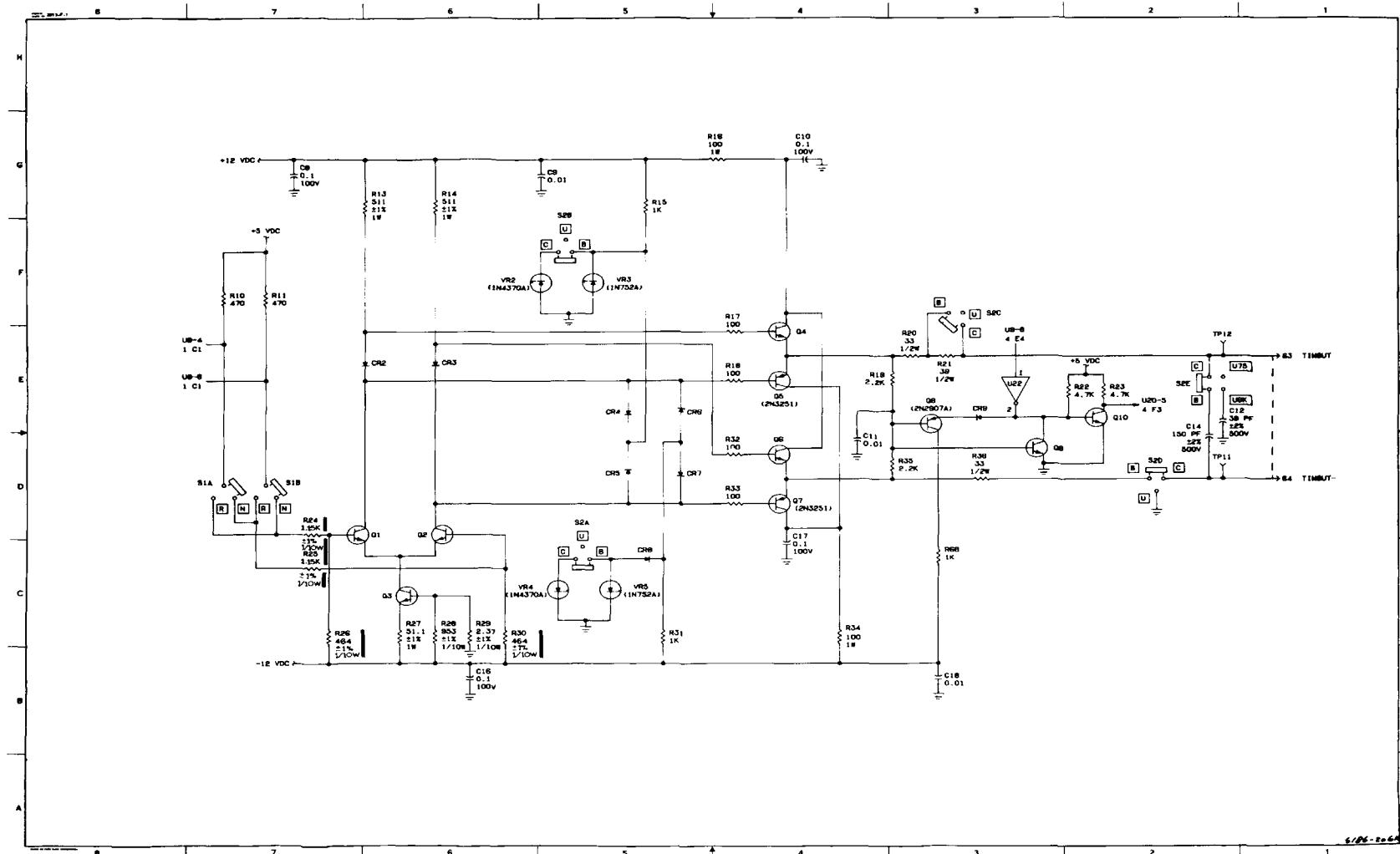
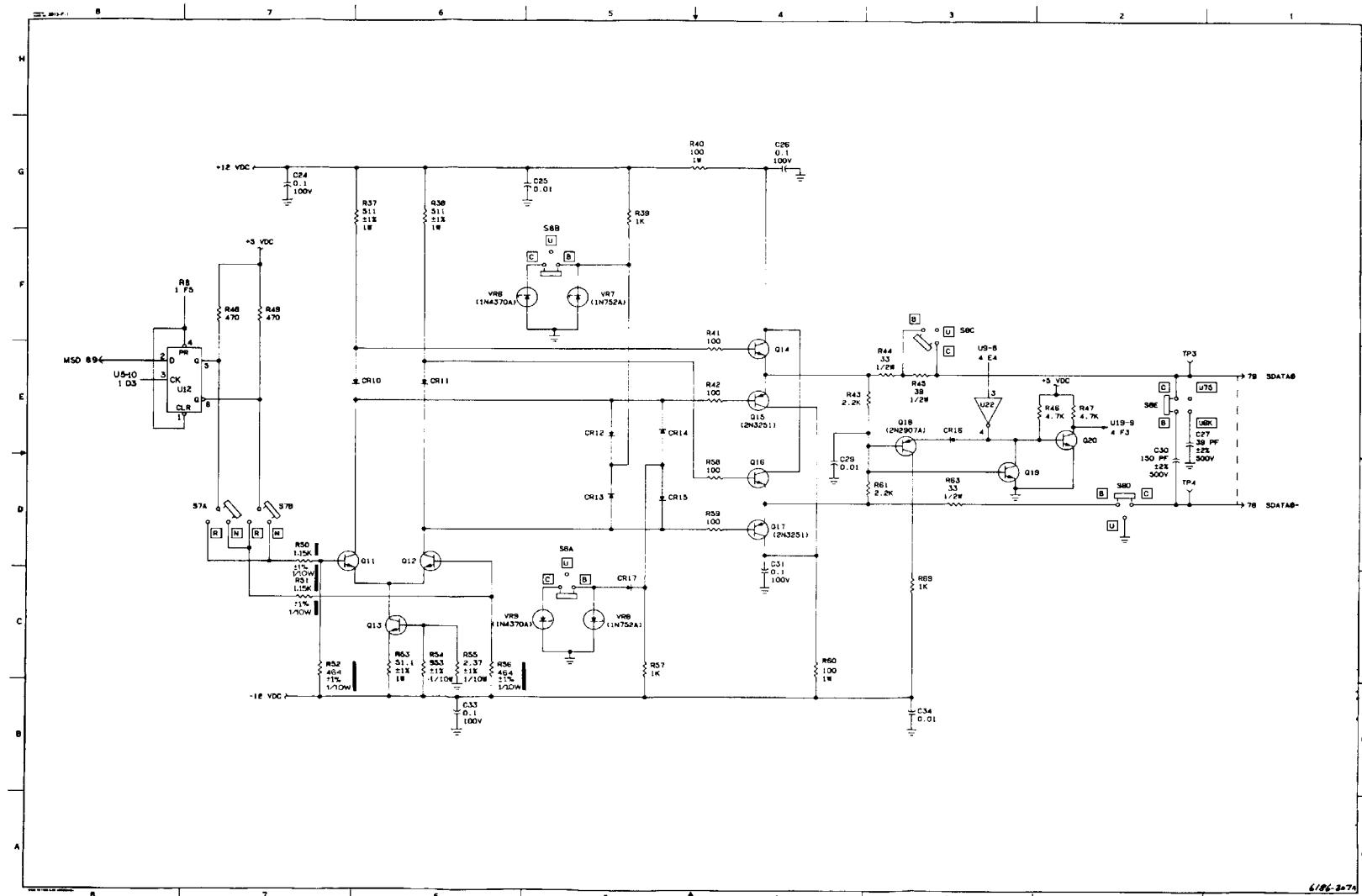


Figure FO-7. OEG Card-Logic Diagram (Sheet 3 of 3)

FO-43/(FO-44 blank)







*Figure FO-8. RT Card-Logic Diagram
(Sheet 3 of 4)
Change 1 FO-49/(FO-50 blank)*

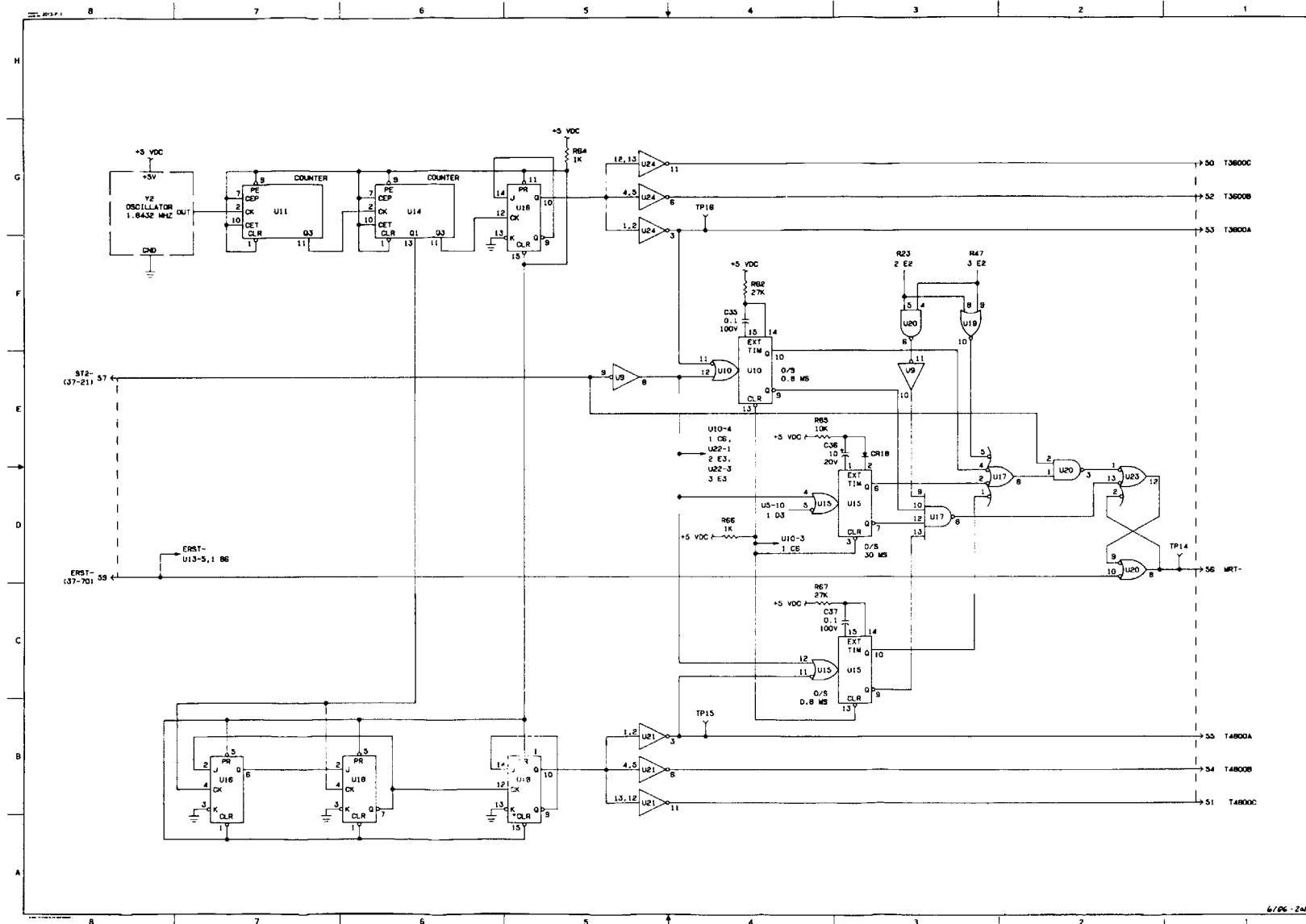


Figure FO-8. RT Card-Logic Diagram
 (Sheet 4 of 4)
 FO-51/(FO-52 blank)

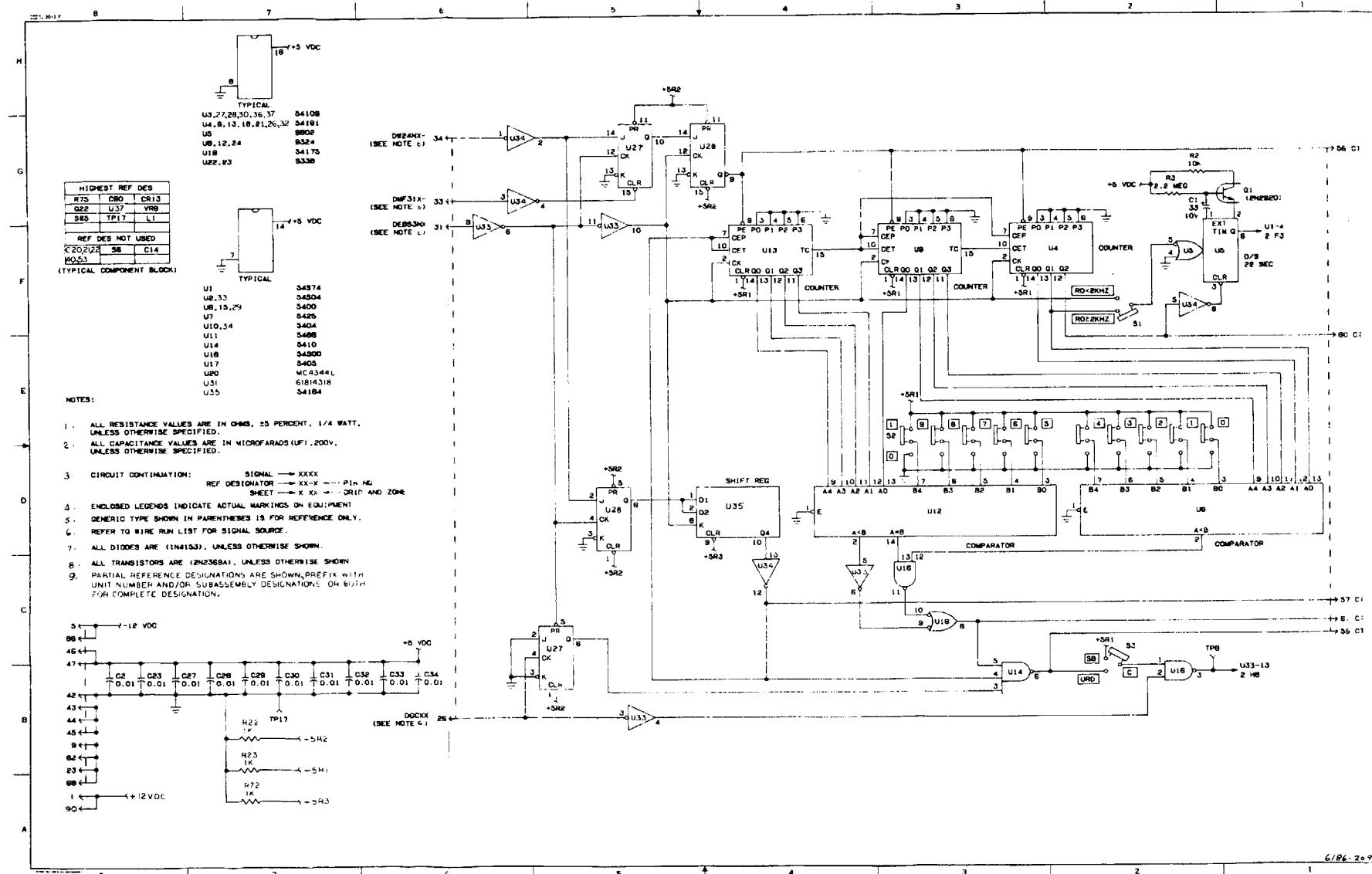


Figure FO-9. SB Card-Logic Diagram
 (Sheet 1 of 4)
 FO-53/(FO-54 blank)

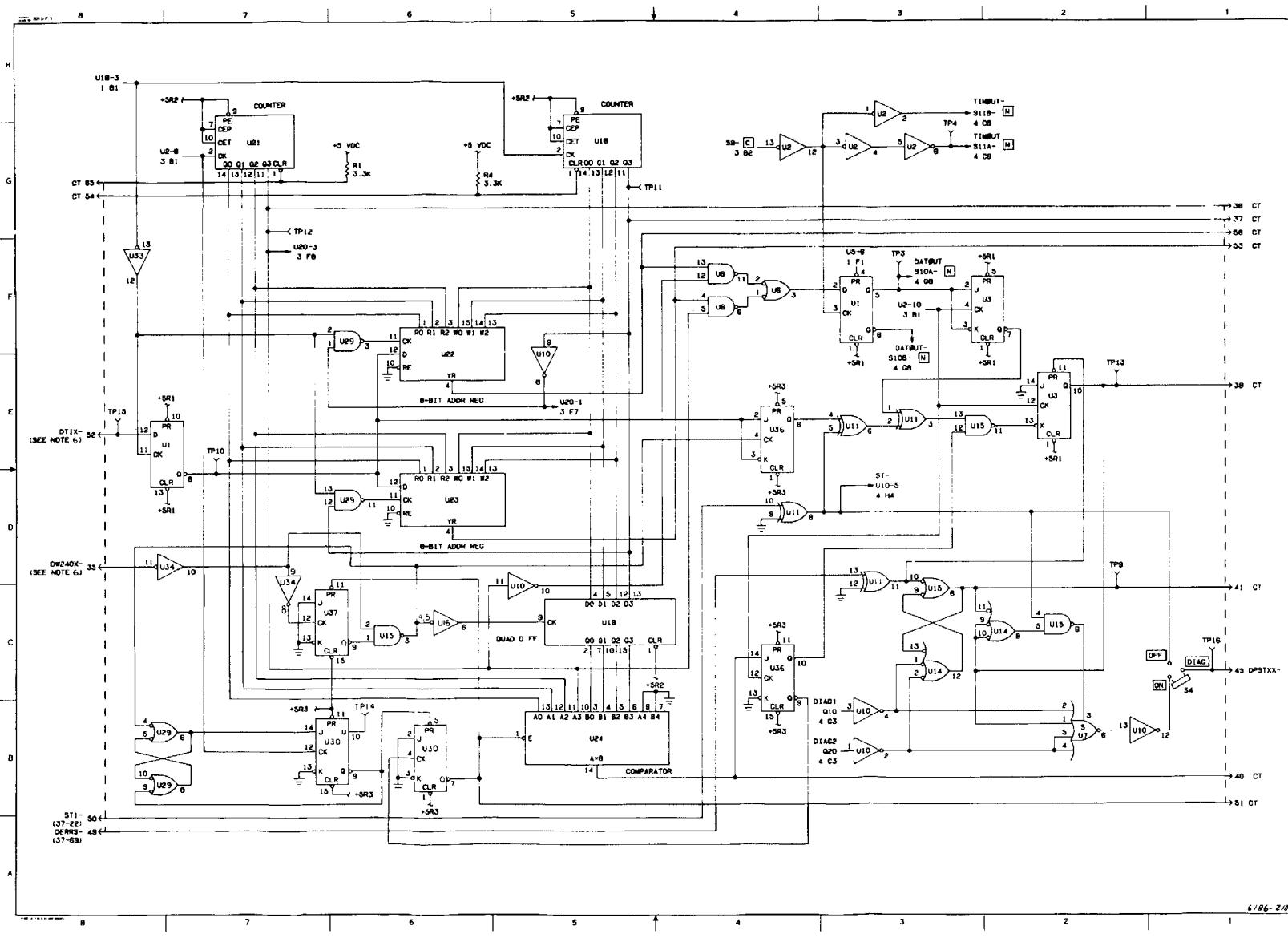


Figure FO-9-. SB Card-Logic Diagram
 (Sheet 2 of 4)
 FO-55/FO-56 blank)

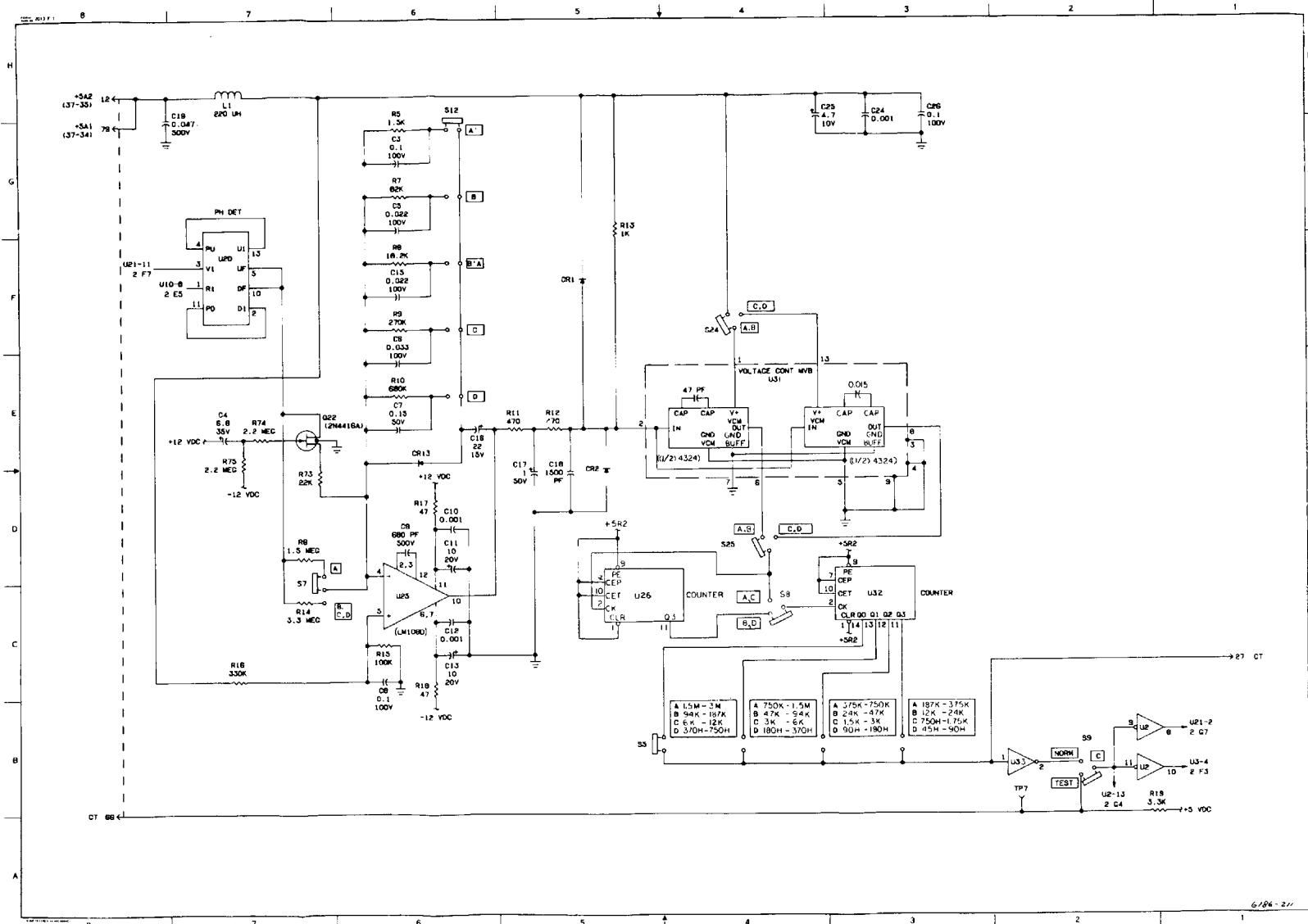


Figure FO-9. SB Card-Logic Diagram
 (Sheet 3 of 4)
 FO-57//FO-58 blank

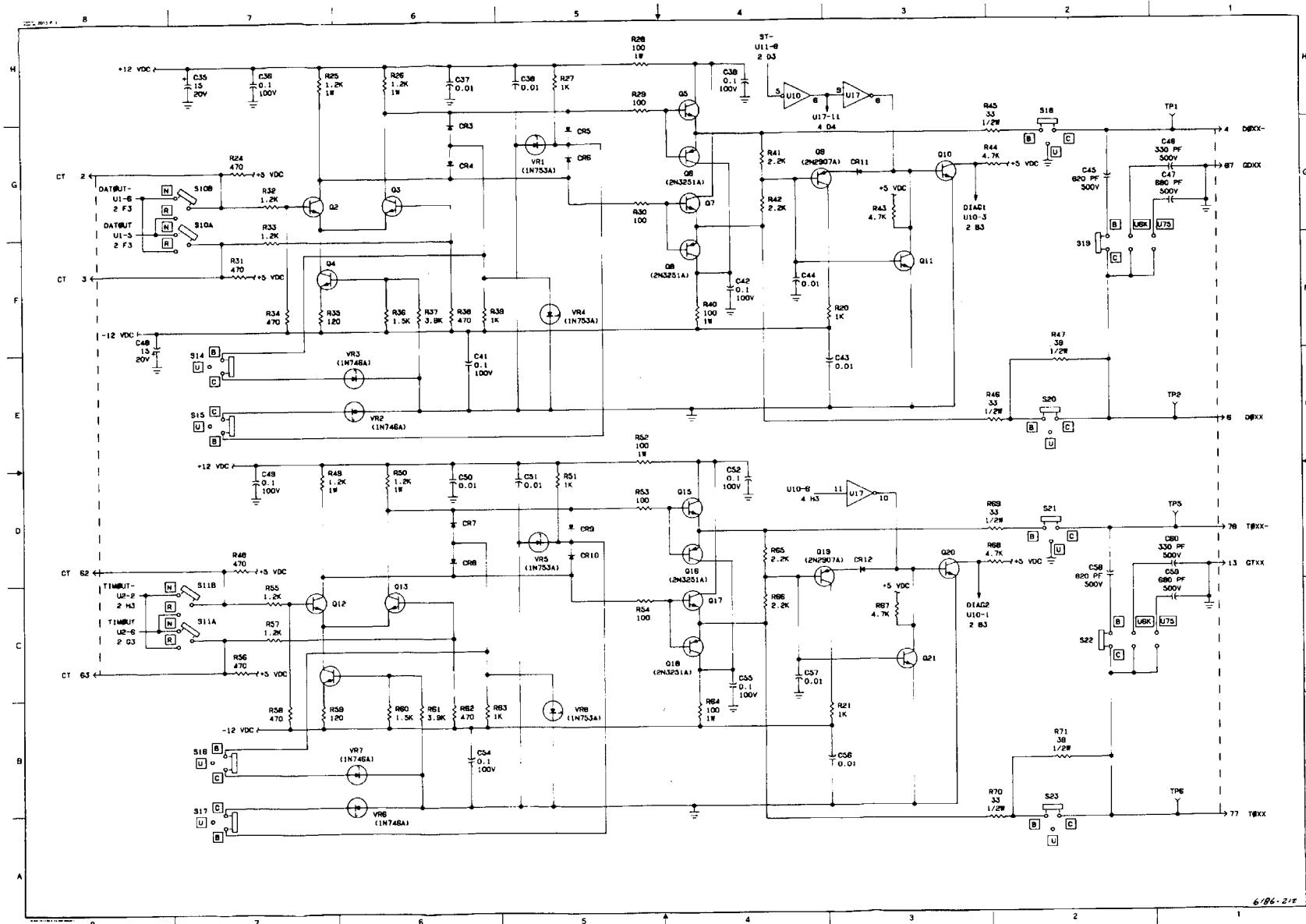


Figure FO-9. SB Card-Logic Diagram
 (Sheet 4 of 4)
 FO-59/(FO-60 blank)

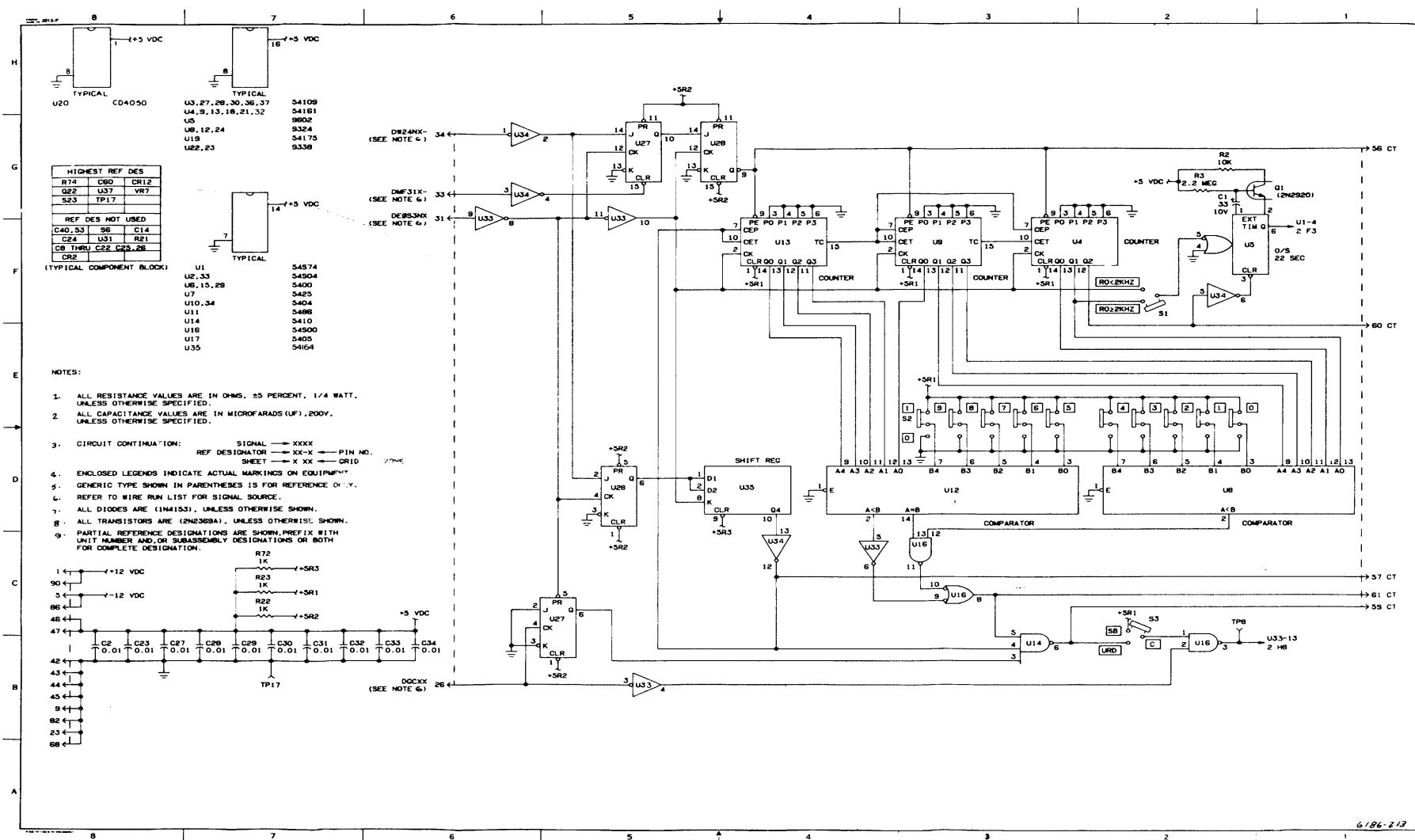


Figure FO-10. NBSB Card - Logic Diagram (Sheet 1 of 4)

FO-61/(FO-62 blank)

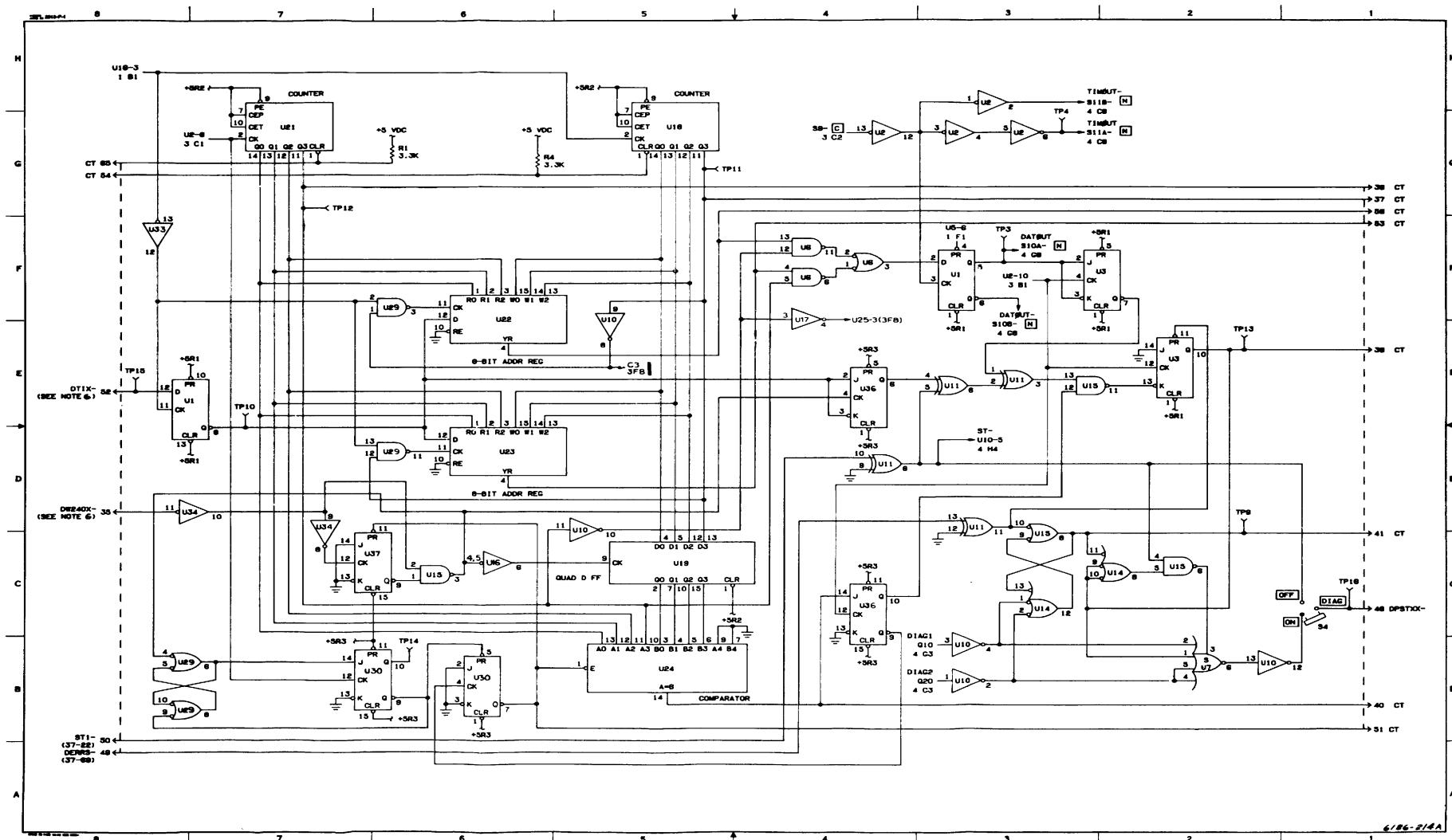


Figure FO-10. NBSB Card - Logic Diagram (Sheet 2 of 4)

Change 1 FO-63/(FO-64 BLANK)

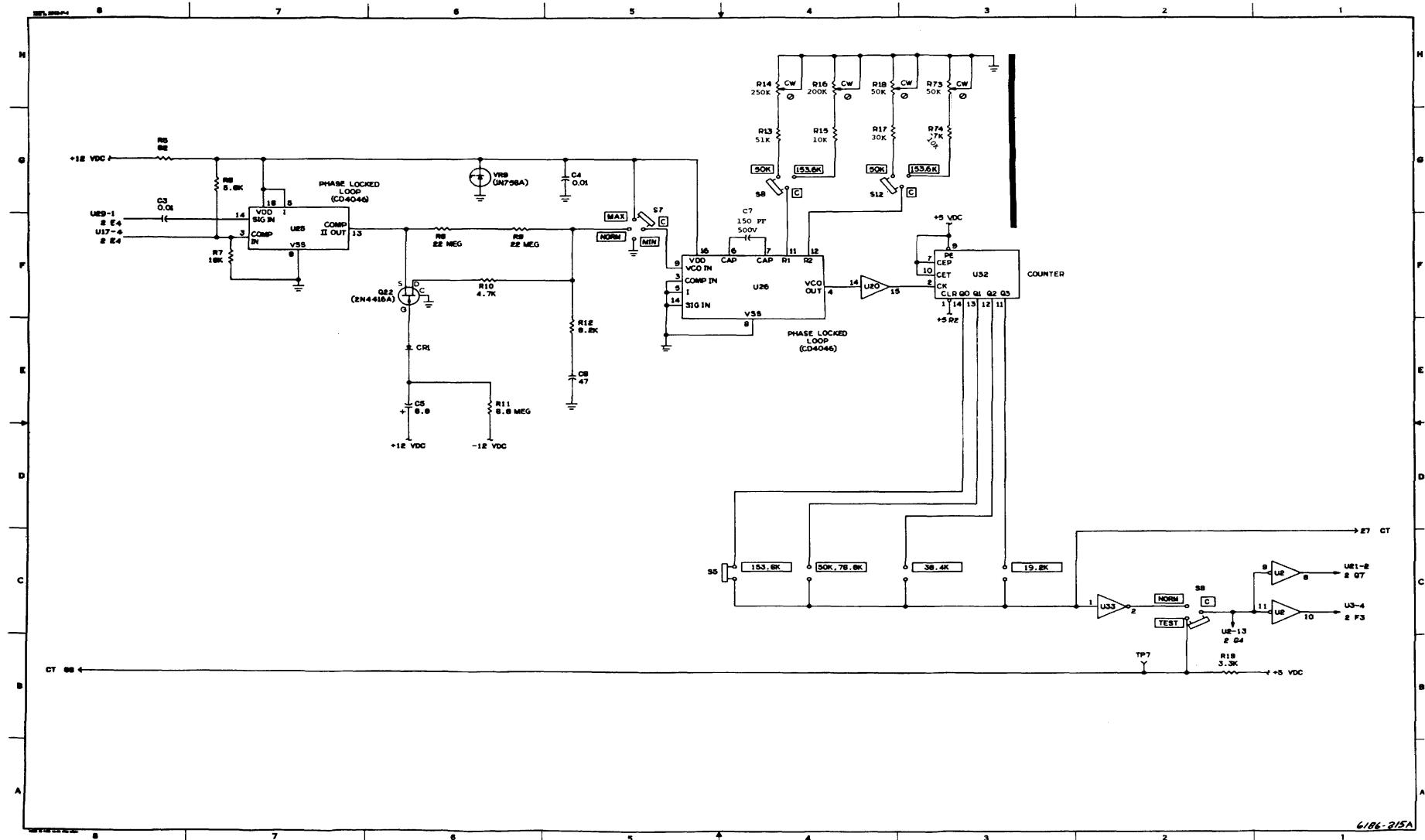


Figure FO-10. NBSB Card - Logic Diagram (Sheet 3 of 4)

Change 2 FO-65/(FO-66 blank)

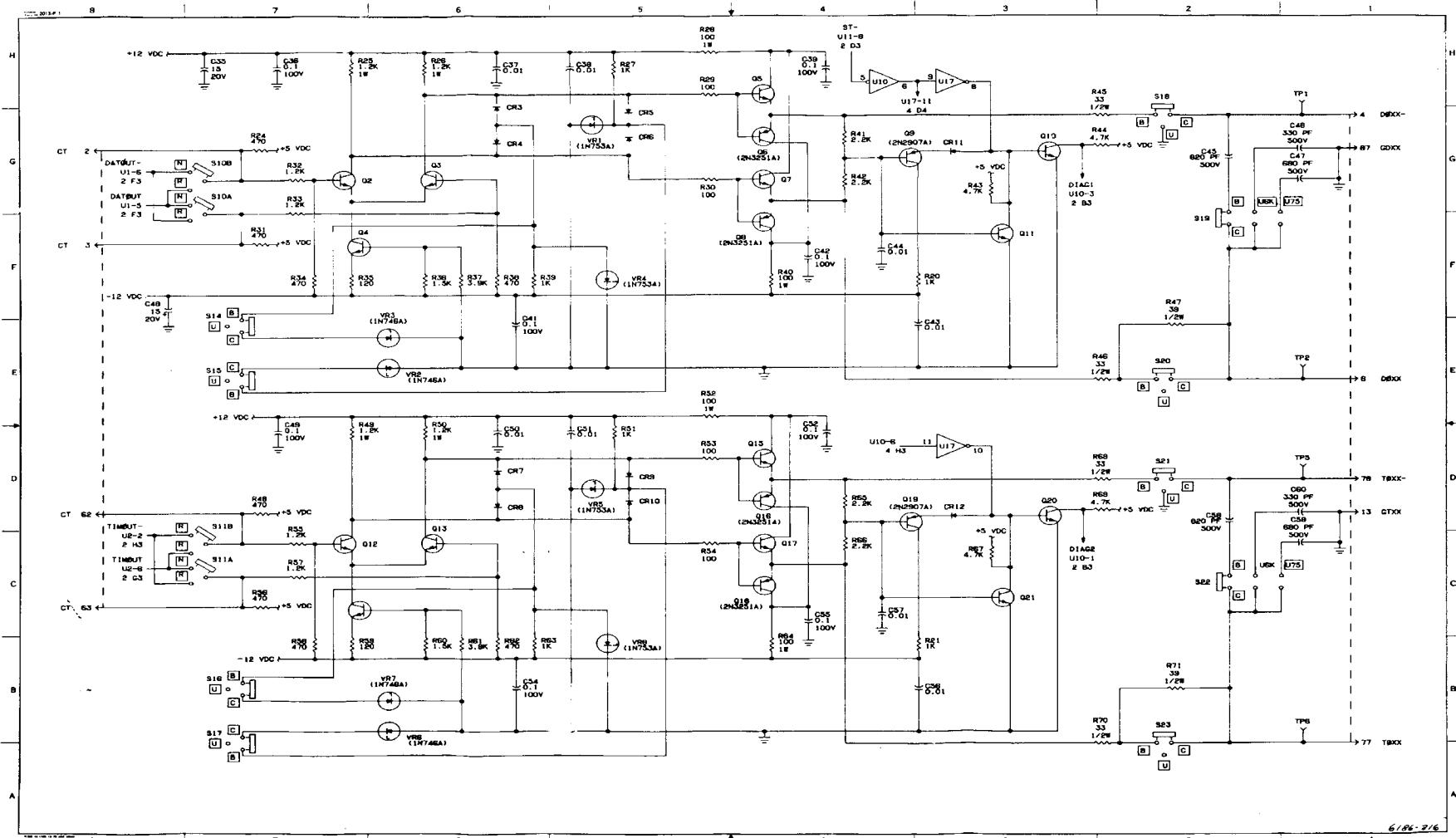


Figure FO-10. NBSB Card - Logic Diagram (Sheet 4 of 4)

FO-67/(FO-68 blank)

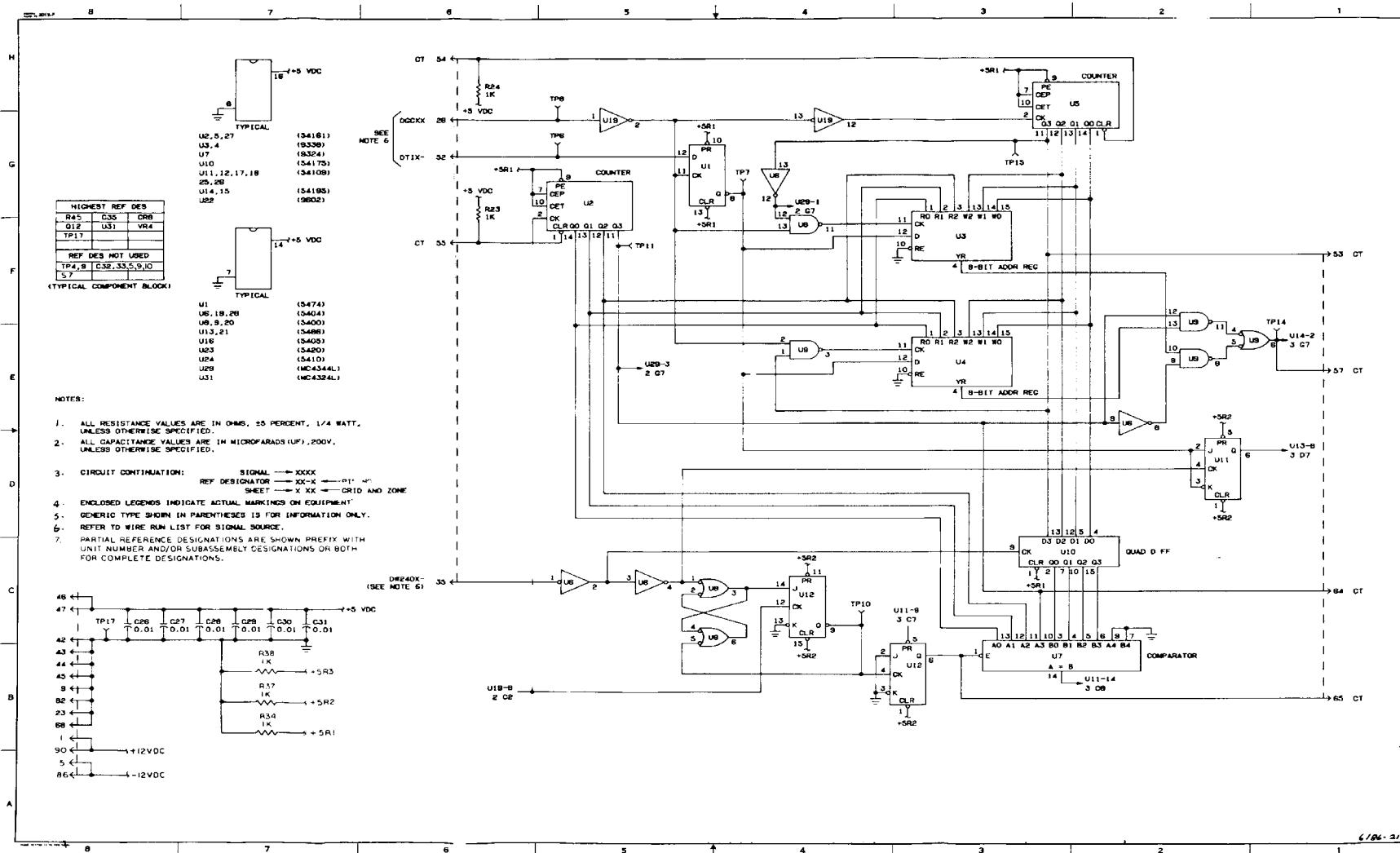


Figure FO-11. TD Card - Logic Diagram (Sheet 1 of 4)

FO-69/(FO-70 blank)

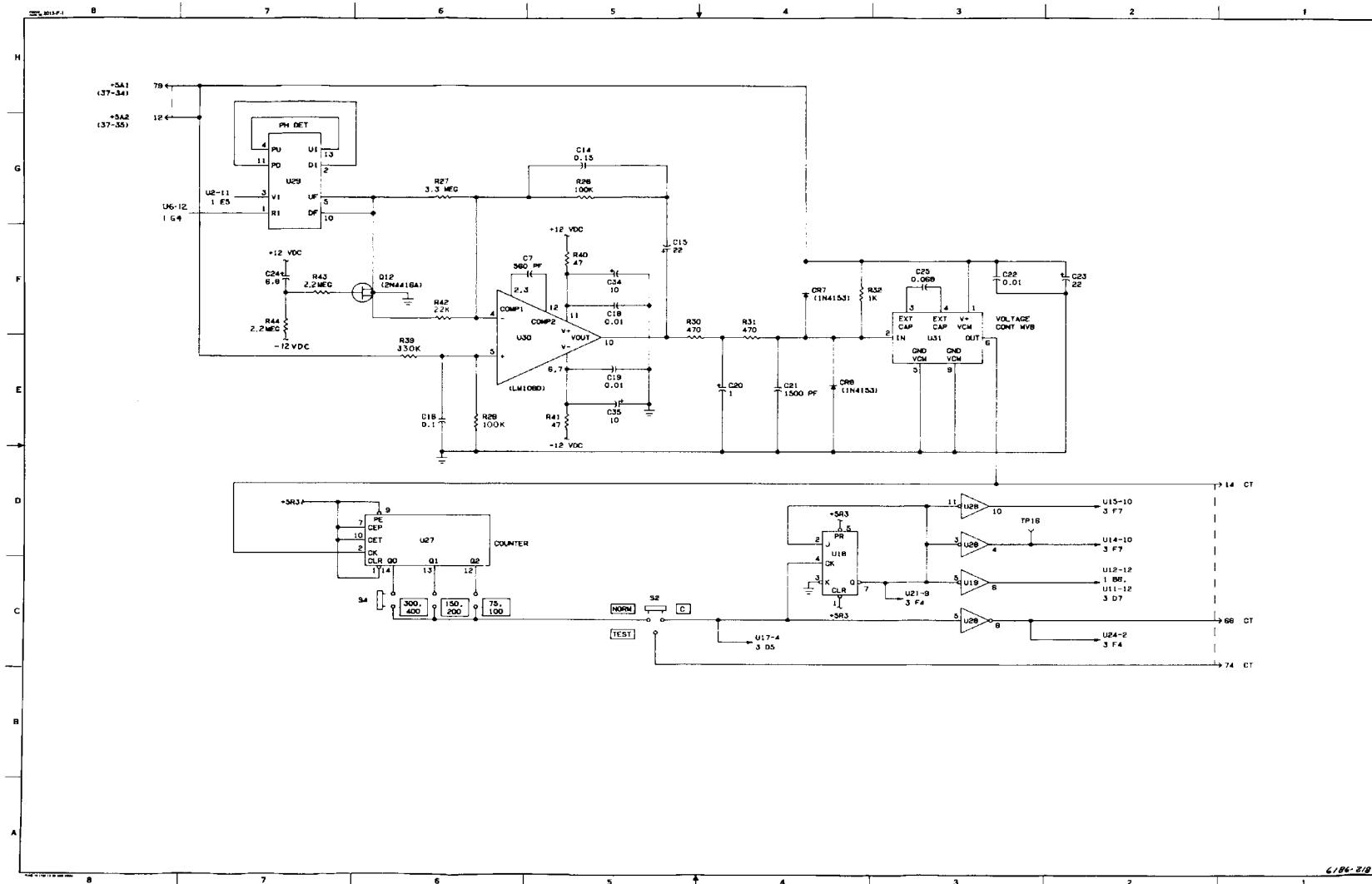


Figure FO-11. TD Card - Logic Diagram (Sheet 2 of 4)

FO-71/(FO-72 blank)3

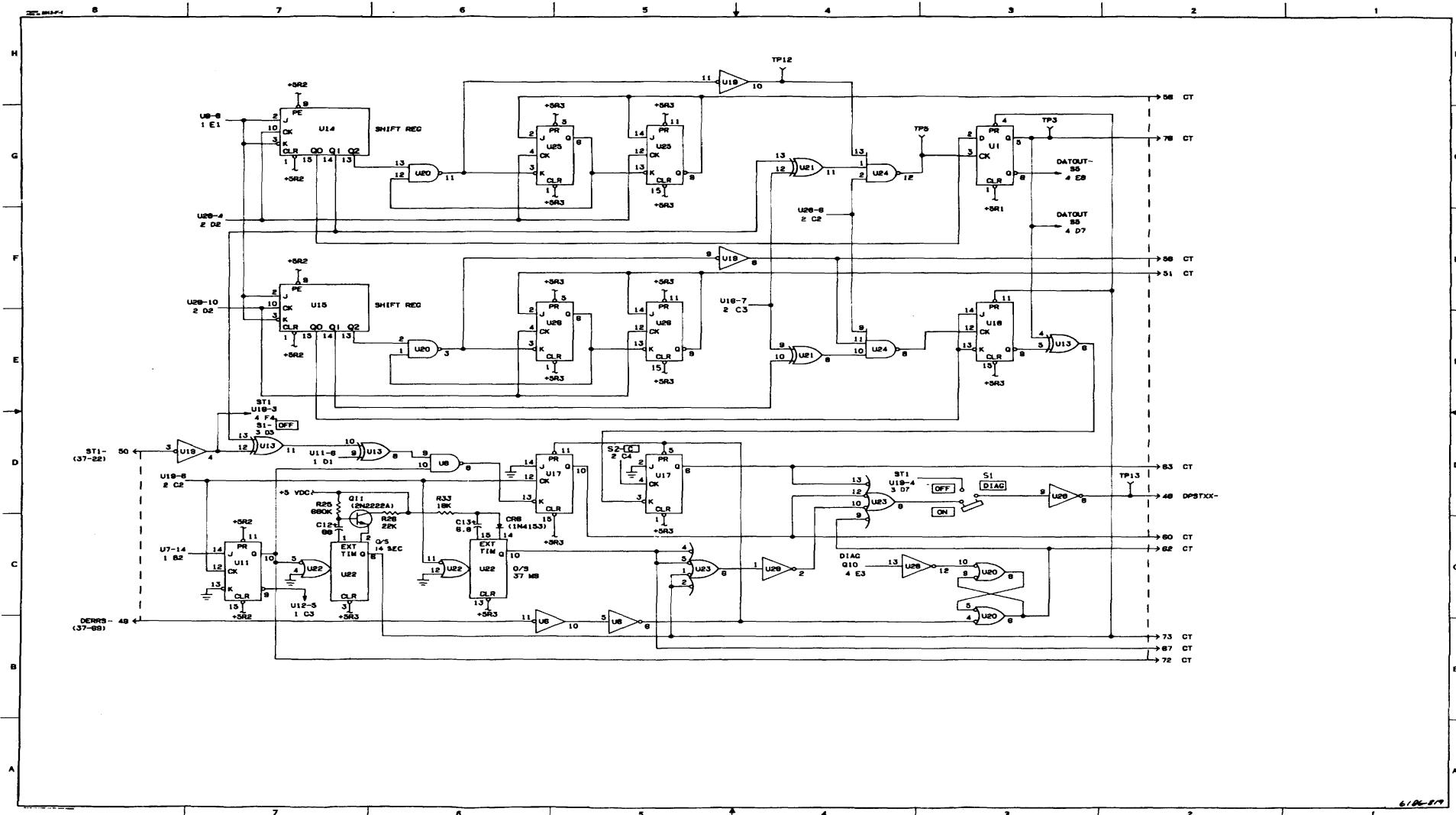


Figure FO-11. TD Card - Logic Diagram (Sheet 3 of 4)

FO-73/(FO-74 blank)

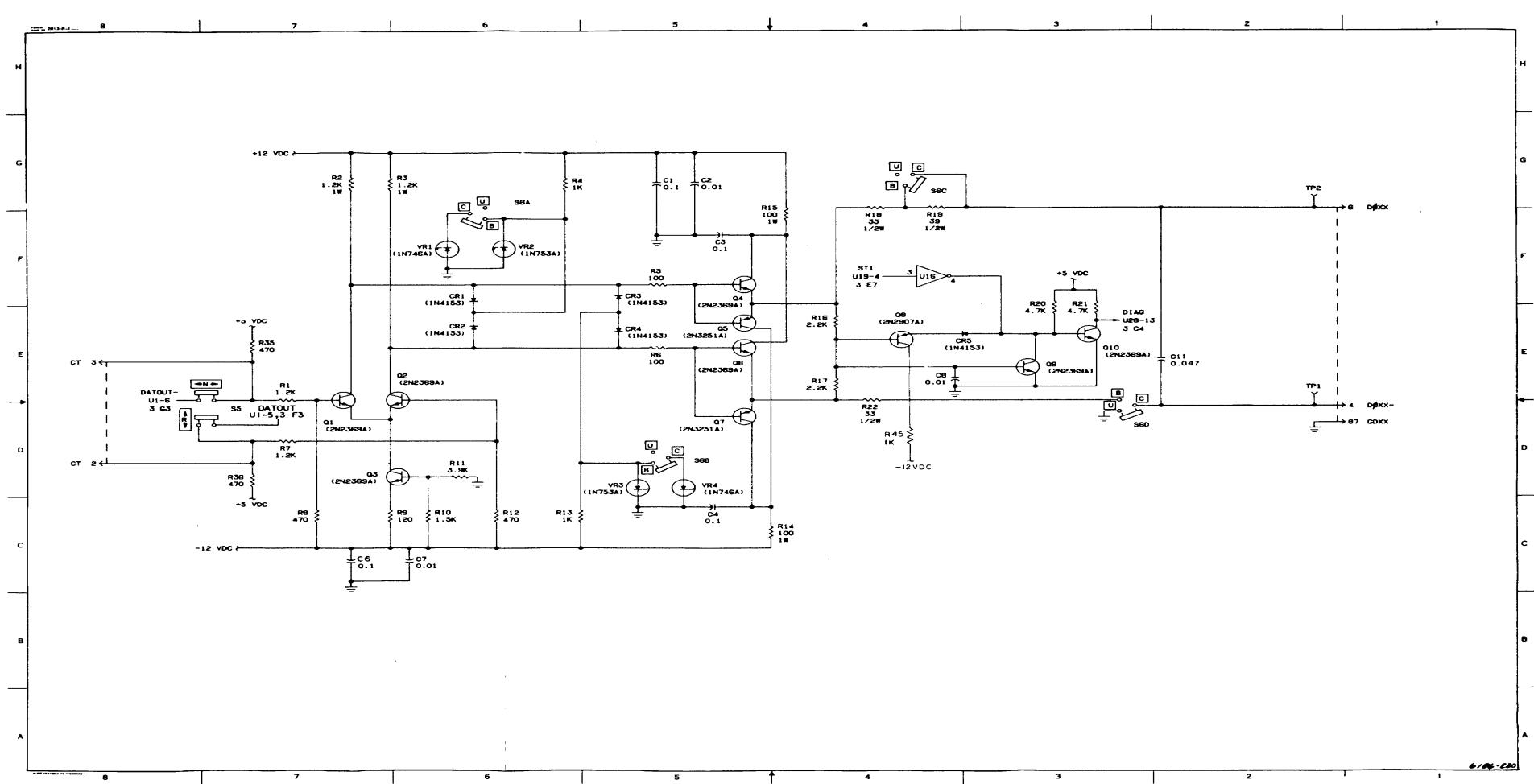


Figure FO-11. TD Card - Logic Diagram (Sheet 4 of 4)

FO-75/(FO-76 blank)

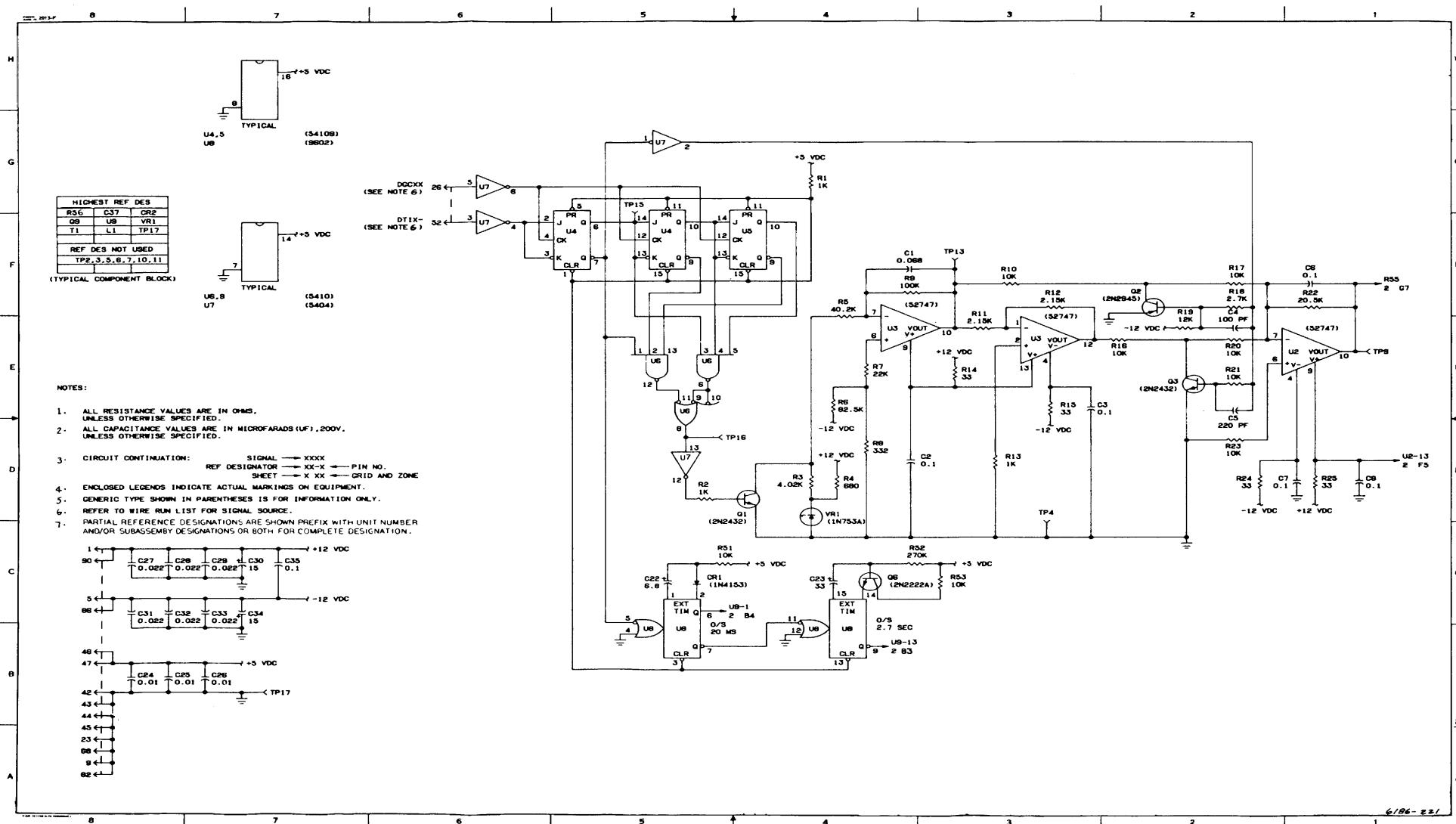


Figure FO-12. VD Card - Logic Diagram (Sheet 1 of 2)

FO-77/(FO-78 blank)

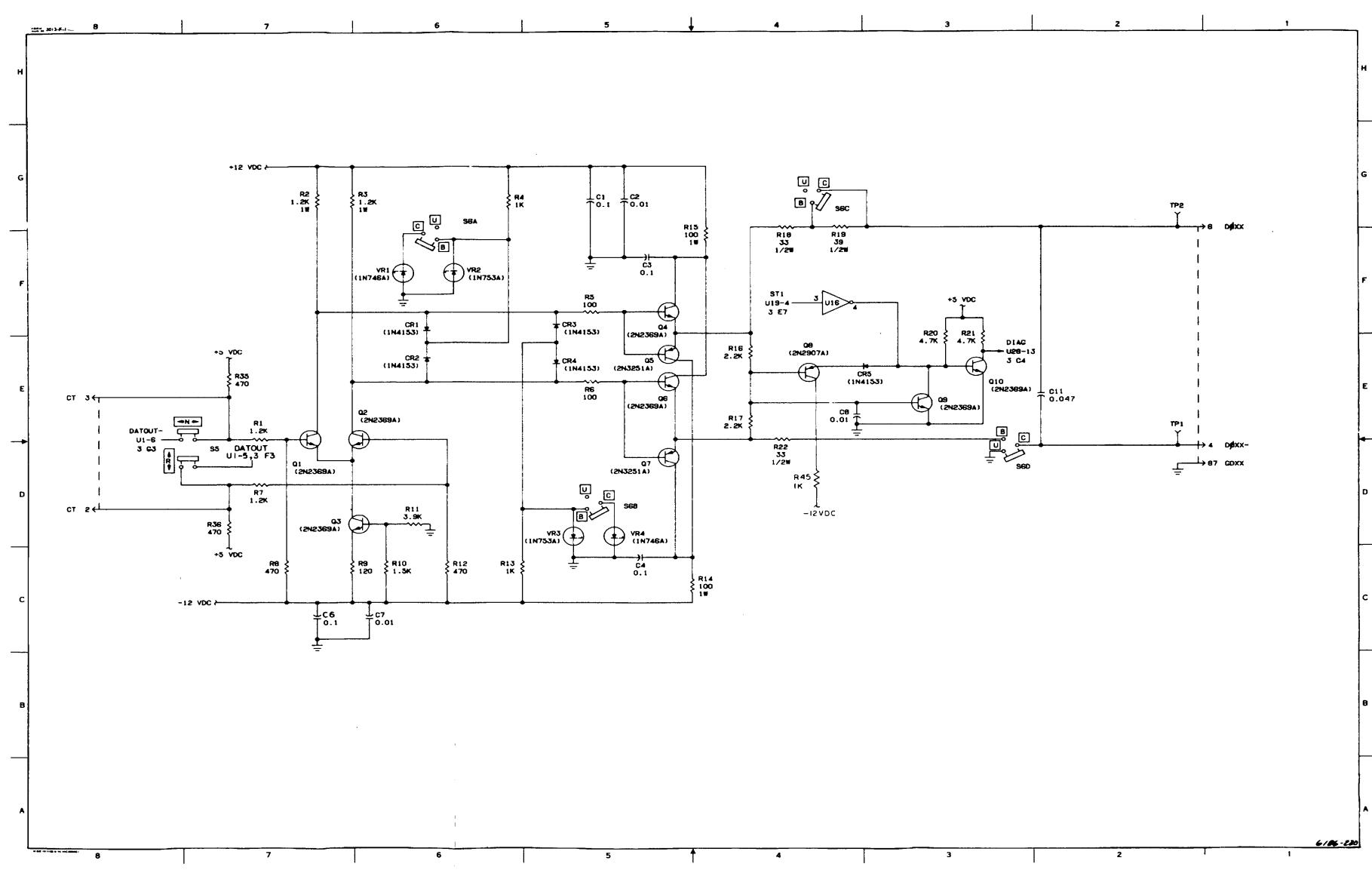


Figure FO-12. VD Card - Logic Diagram (Sheet 2 of 2)

FO-79/(FO-80 blank)

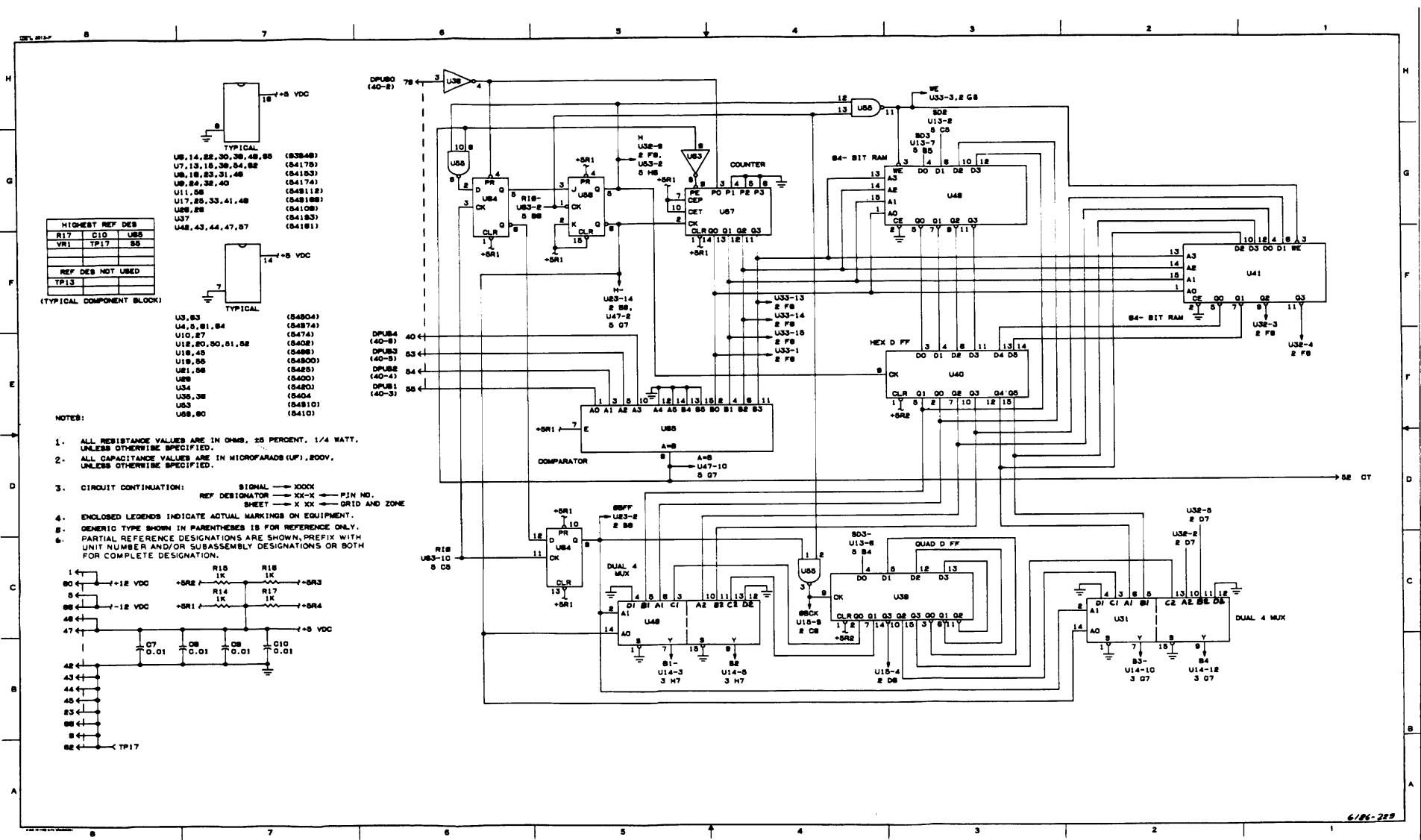


Figure FO-13. FS Card - Logic Diagram (Sheet 1 of 5)

FO-81/(FO-82 blank)

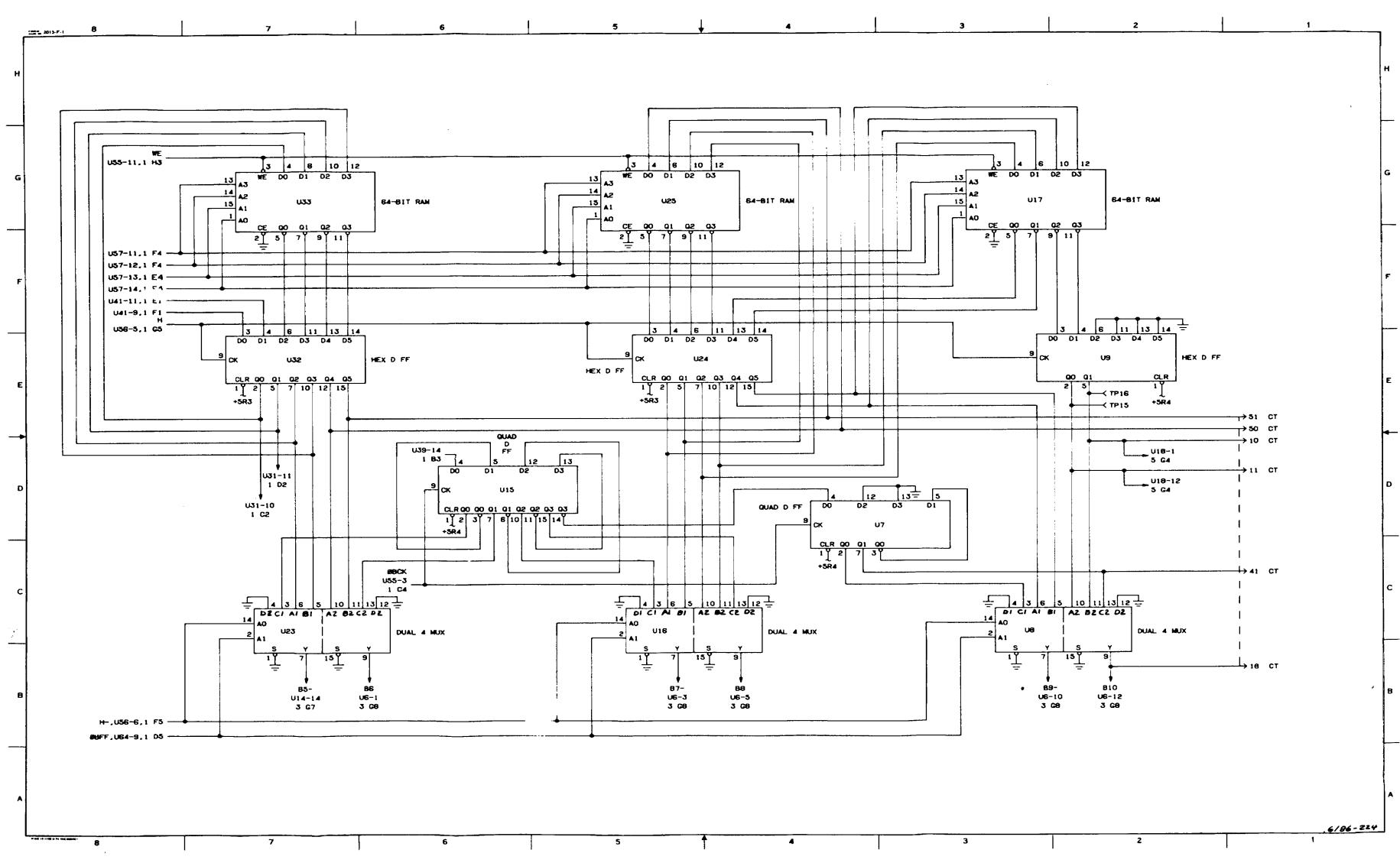


Figure FO-13. FS Card - Logic Diagram (Sheet 2 of 5)

FO-83/(FO-84 blank)

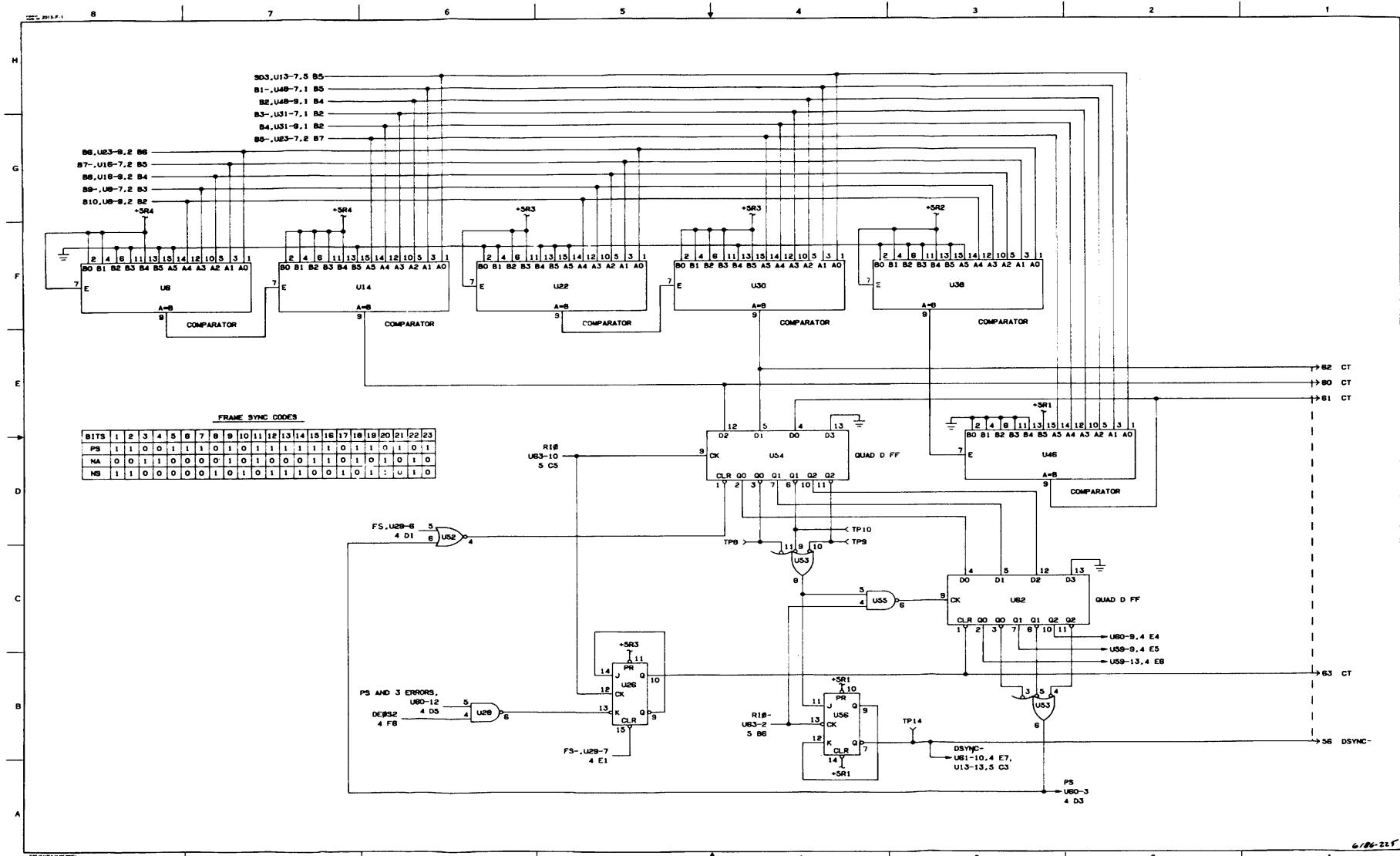


Figure FO-13 . FS Card - Logic Diagram
 (Sheet 3 of 5)

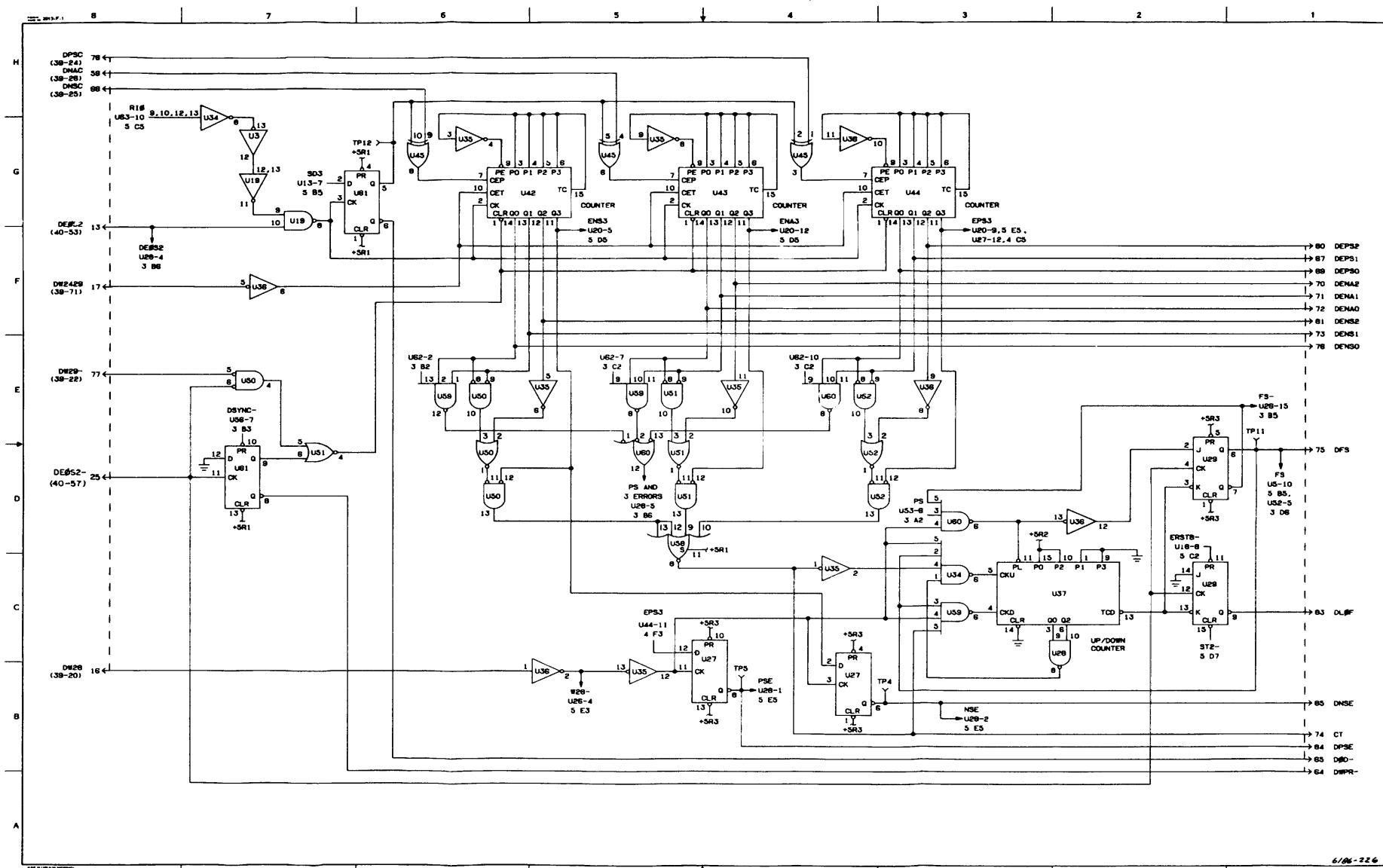
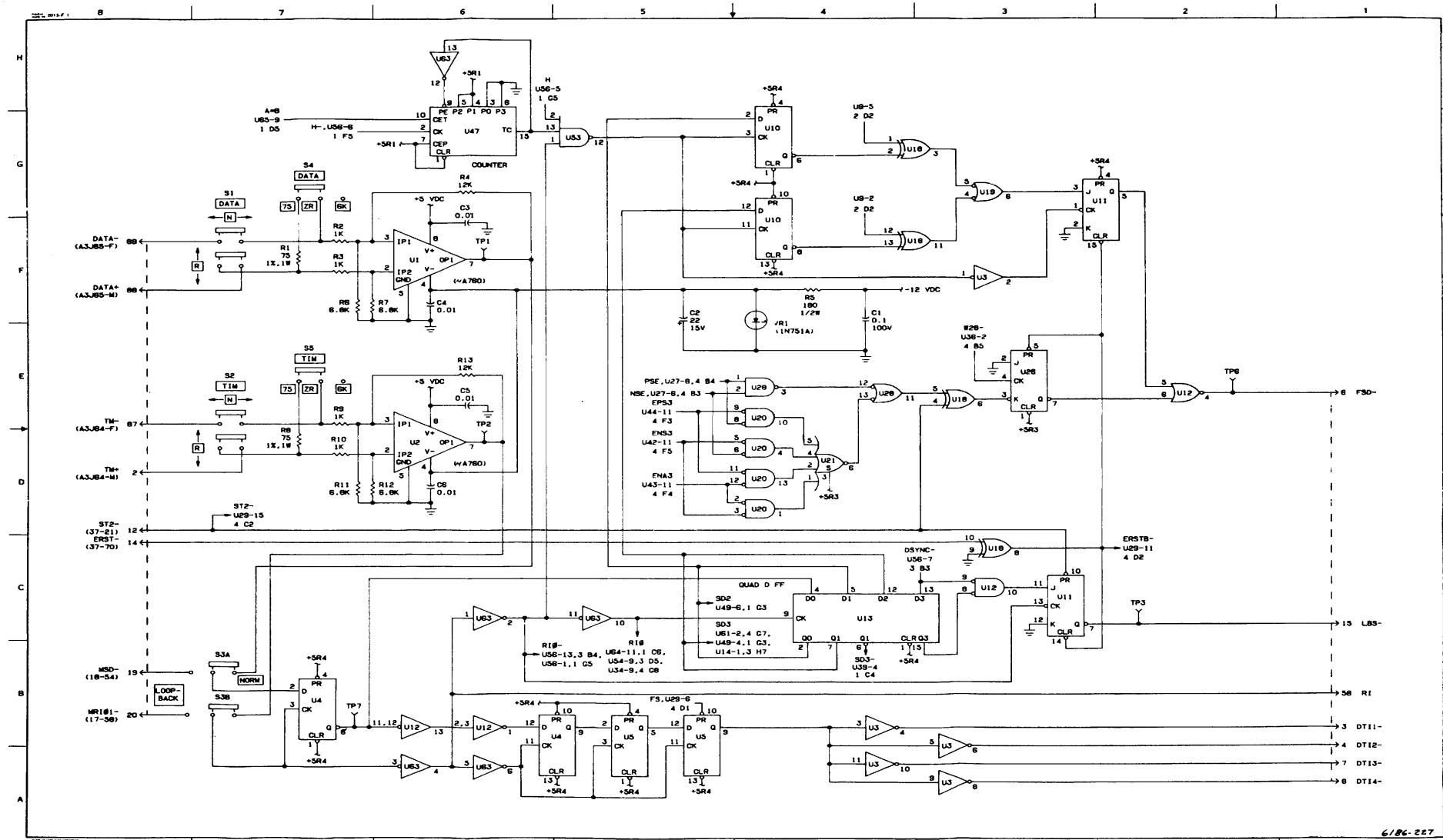


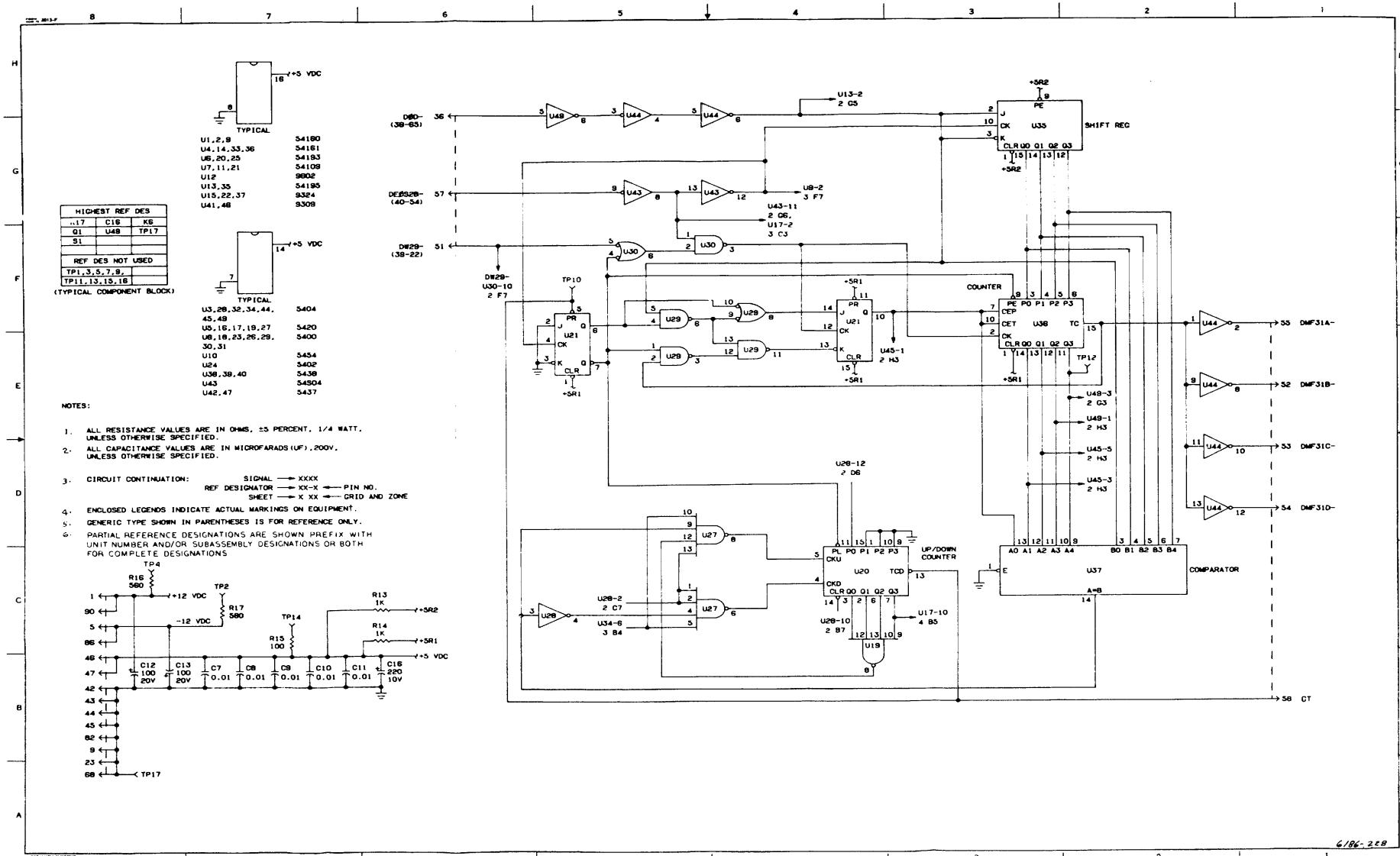
Figure FO-13 . FS Card - Logic Diagram(Sheet 4 of 5)

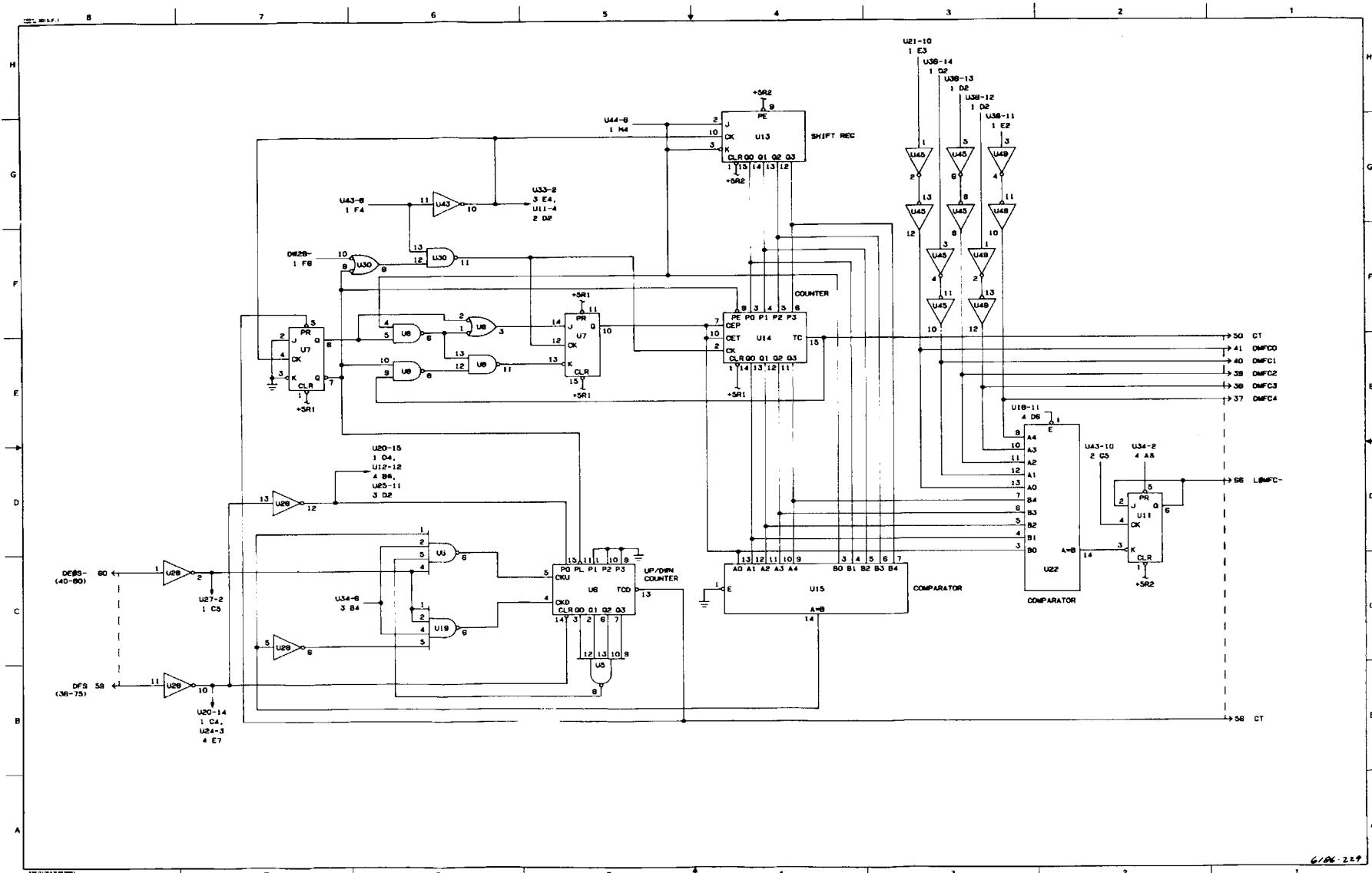
FO-087/(FO-88 blank)

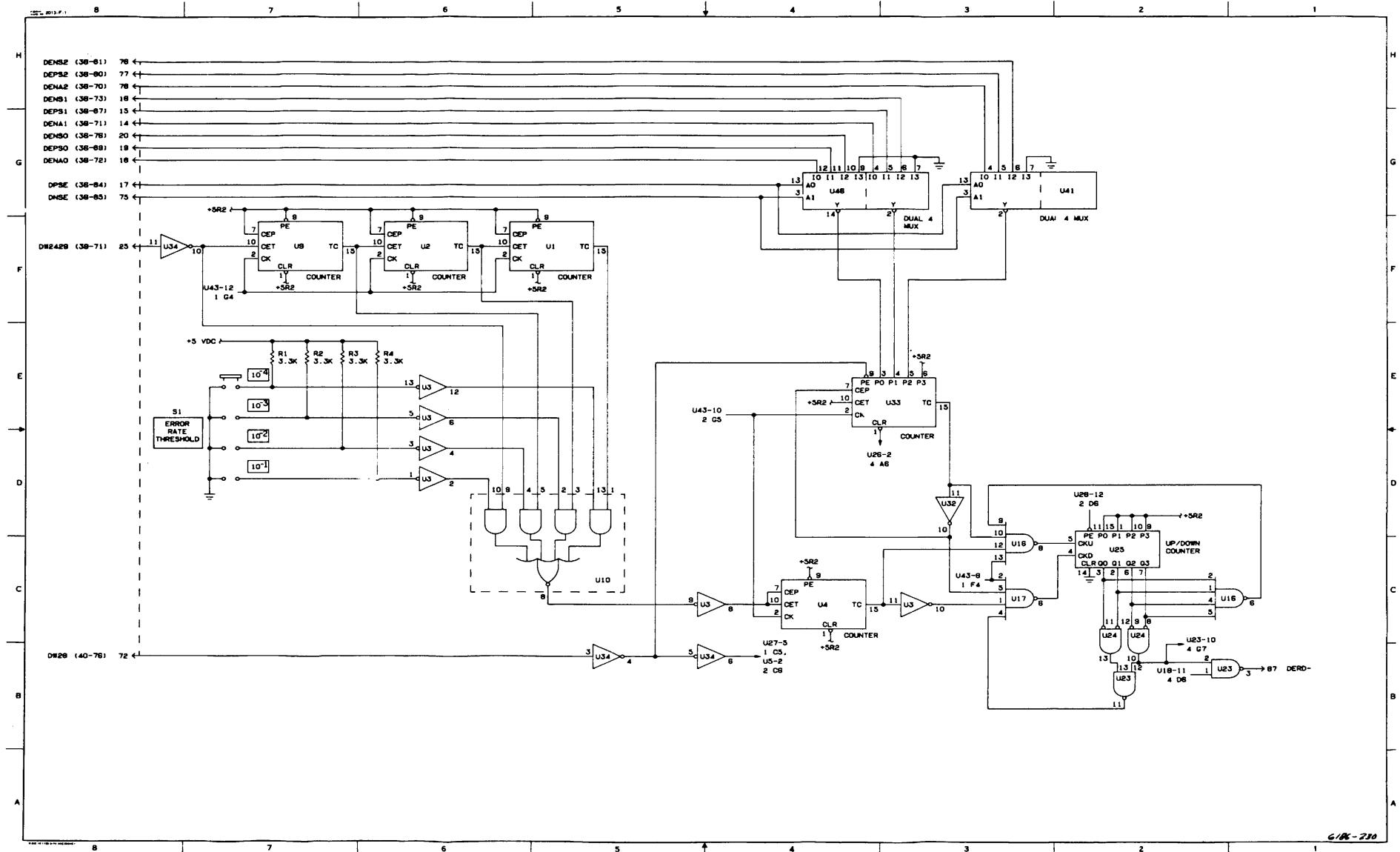


*Figure FO-13. FS Card - Logic Diagram
(Sheet 5 of 5)*

FO-89/(FO-90 blank)







*Figure FO-14. ERD Card - Logic Diagram
(Sheet 3 of 4)
FO-95/(FO-96 blank)*

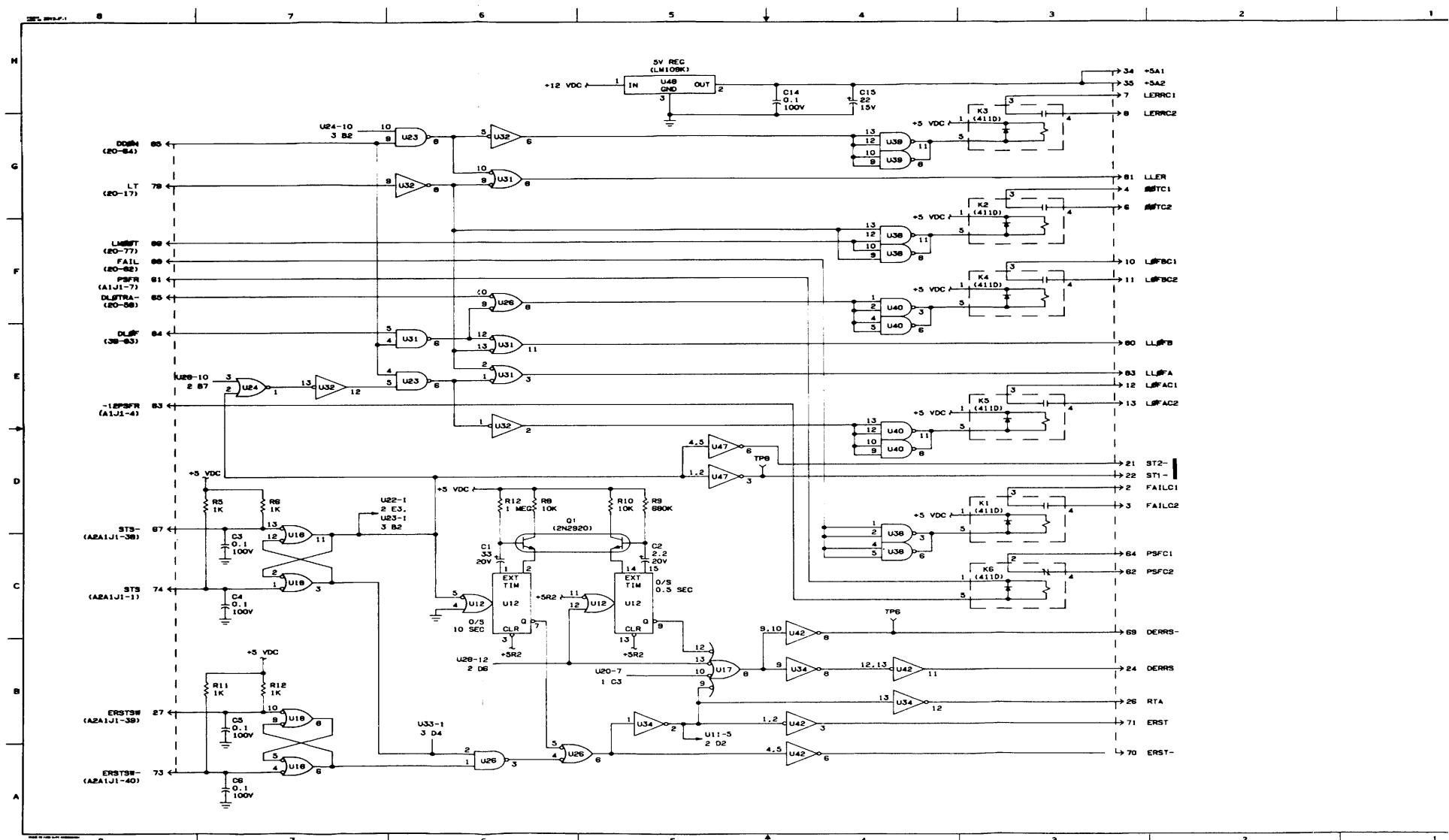


Figure FO-14. ERD Card - Logic Diagram
 (Sheet 4 of 4)

Change 1 FO-97/(FO-98 blank)

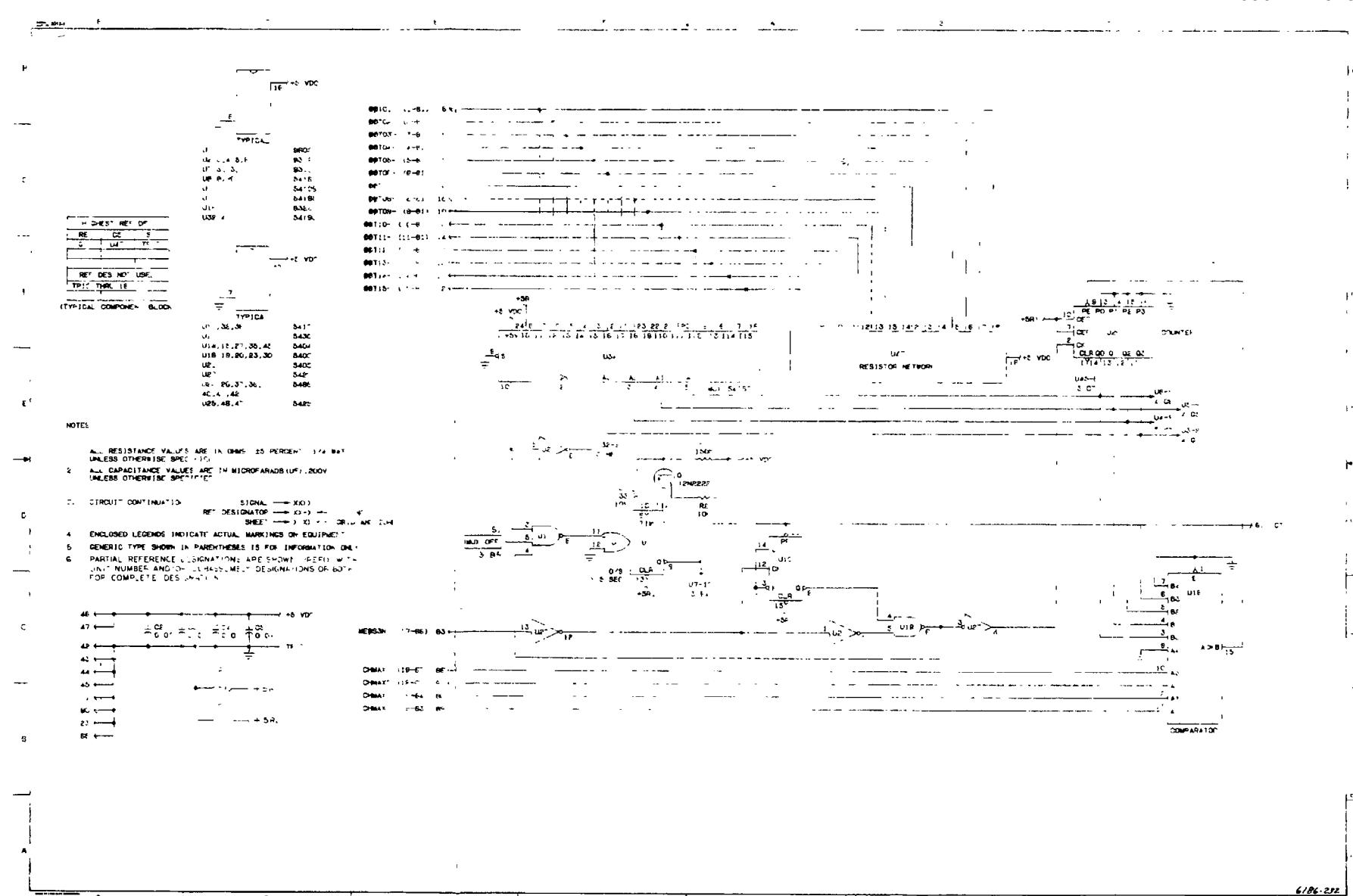


Figure FO-15. Display Card - Logic Diagram (Sheet 1 of 4)

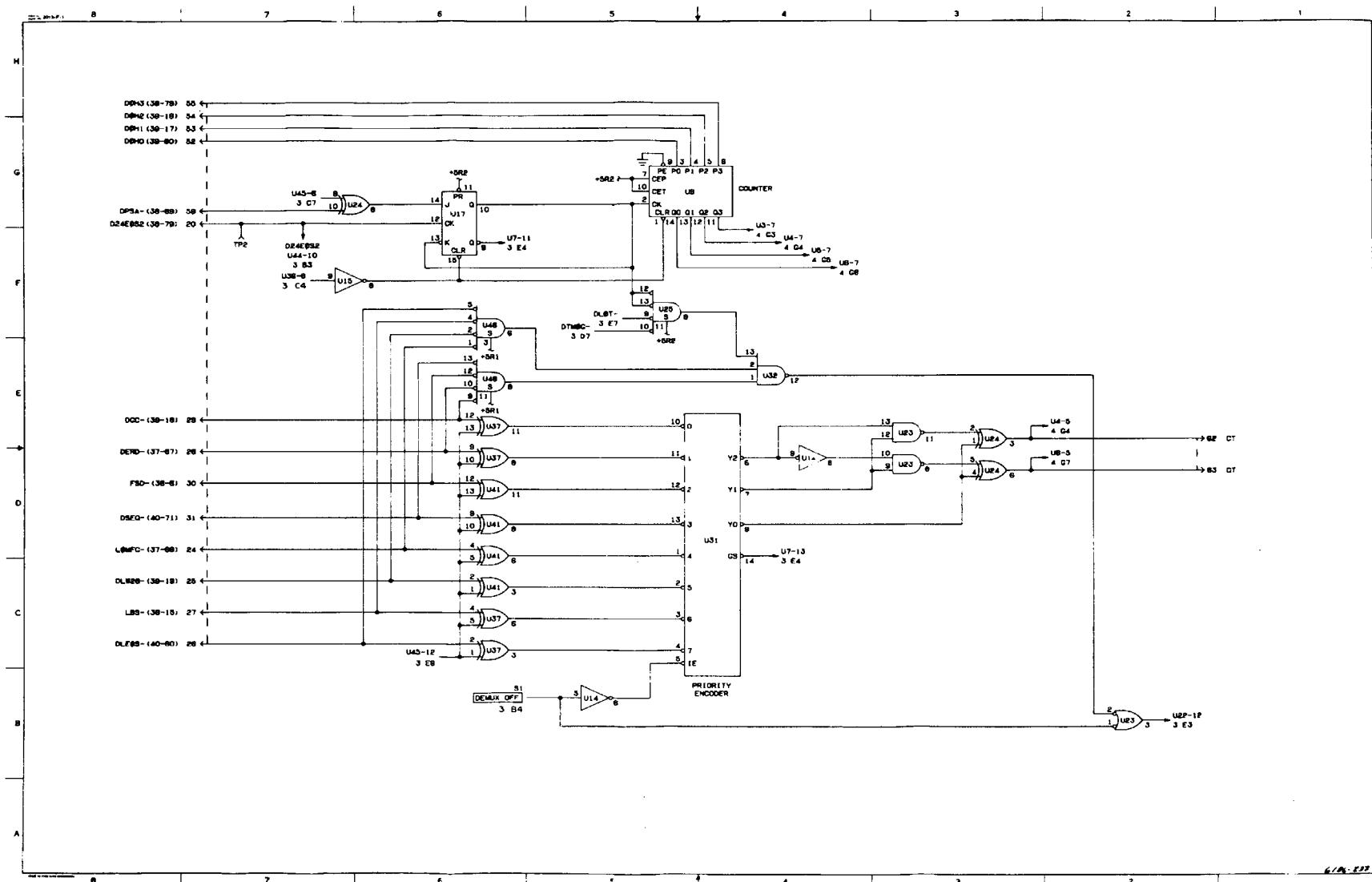


Figure FO-15. Display Card - Logic Diagram (Sheet 2 of 4)

FO-101/(FO-102 blank)

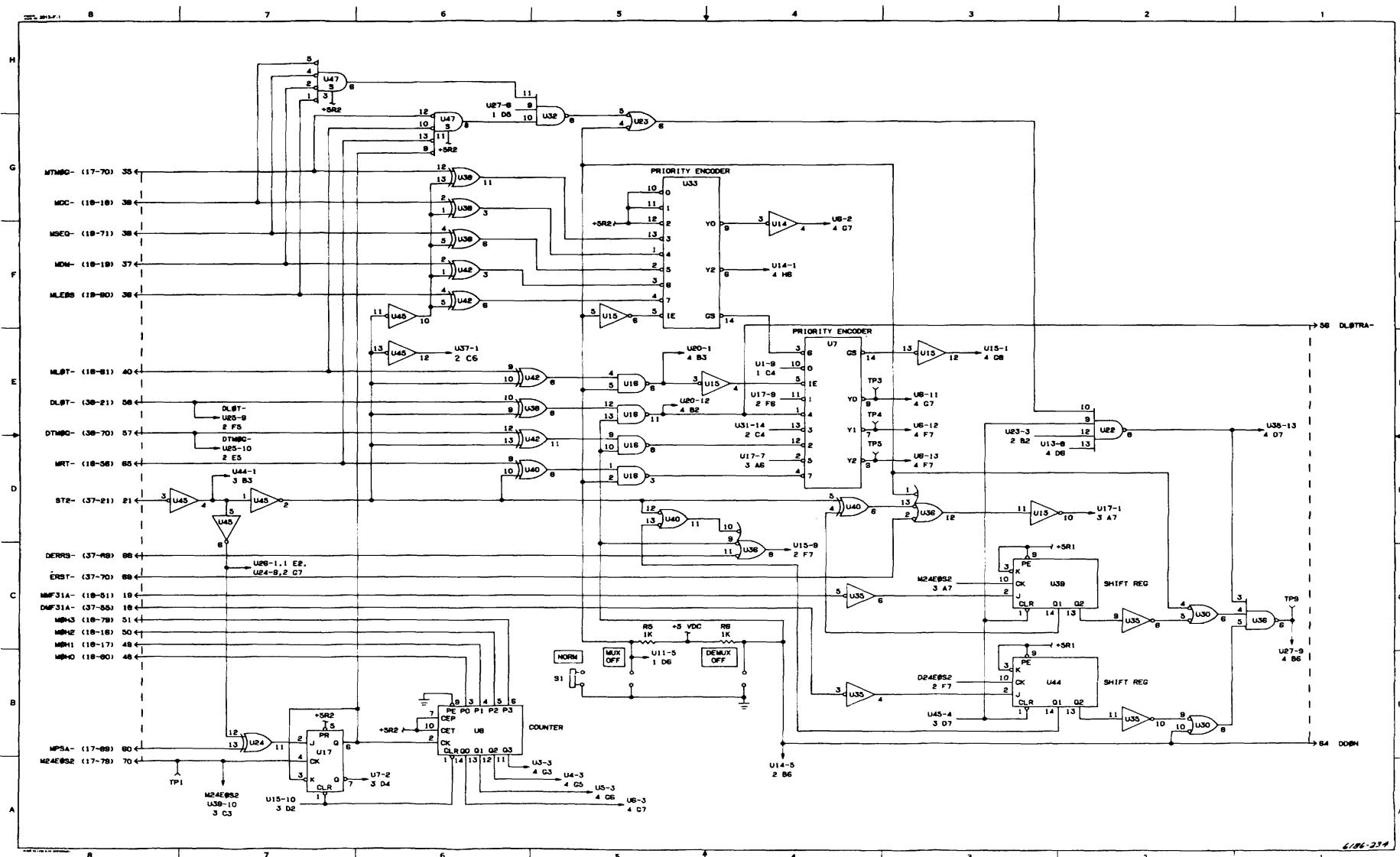


Figure FO-15. Display Card - Logic Diagram (Sheet 3 of 4)

FO-103/(FO-104 blank)

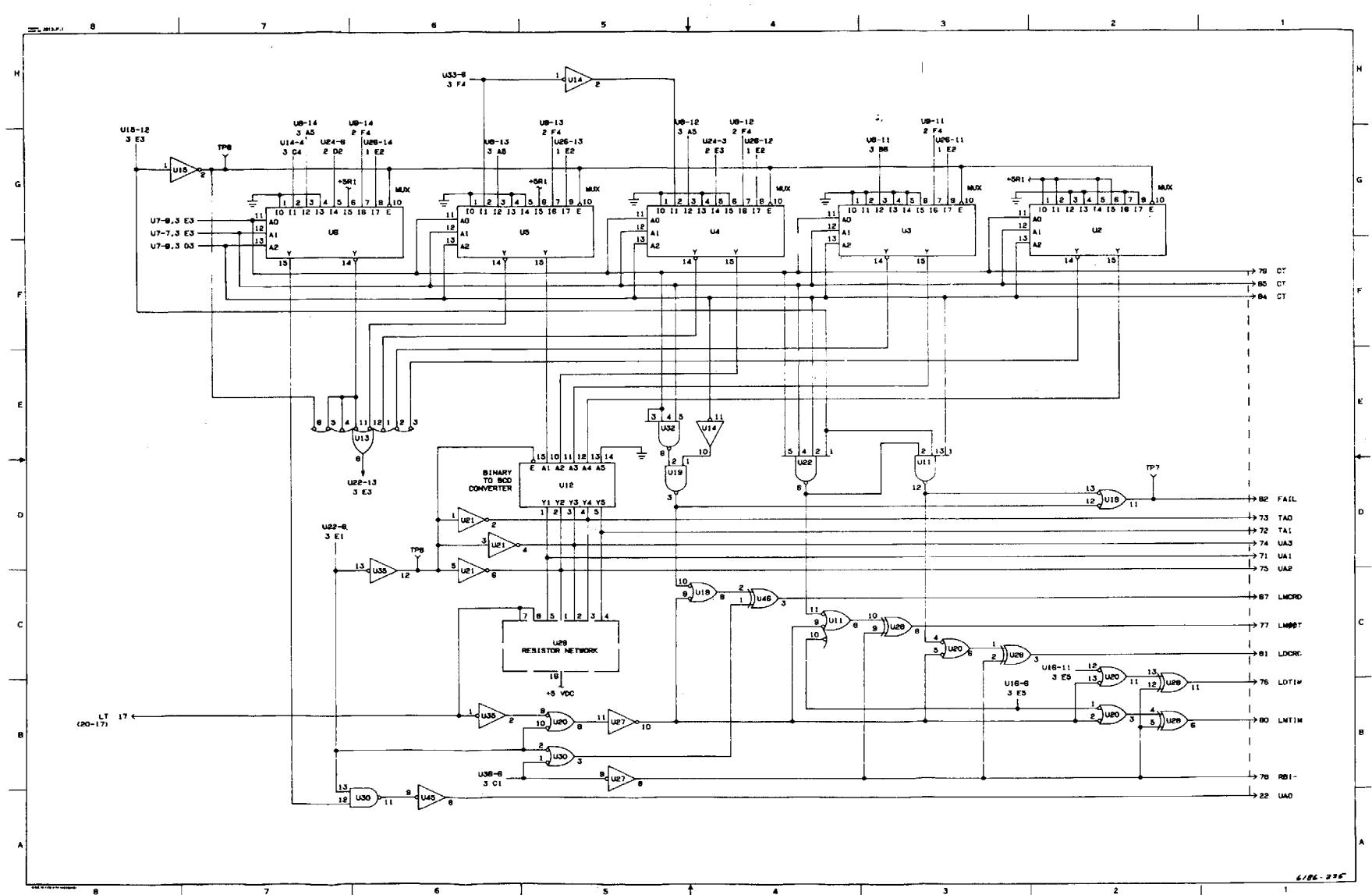


Figure FO-15. Display Card - Logic Diagram (Sheet 4 of 4)

FO-105/(FO-106 blank)

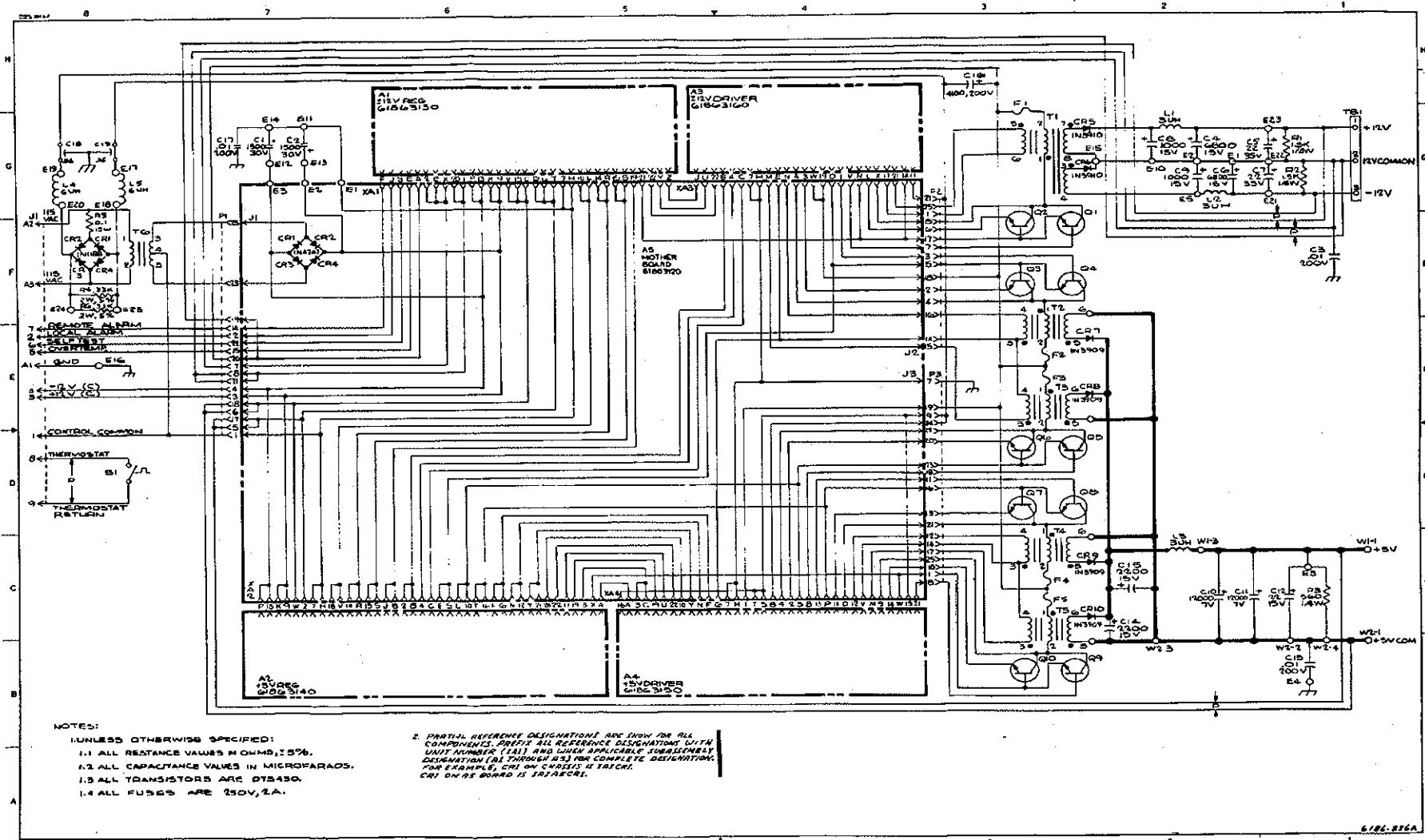


Figure FO-16. Power Supply-Schematic Diagram

Change 1 FO-107/(FO-108 blank)

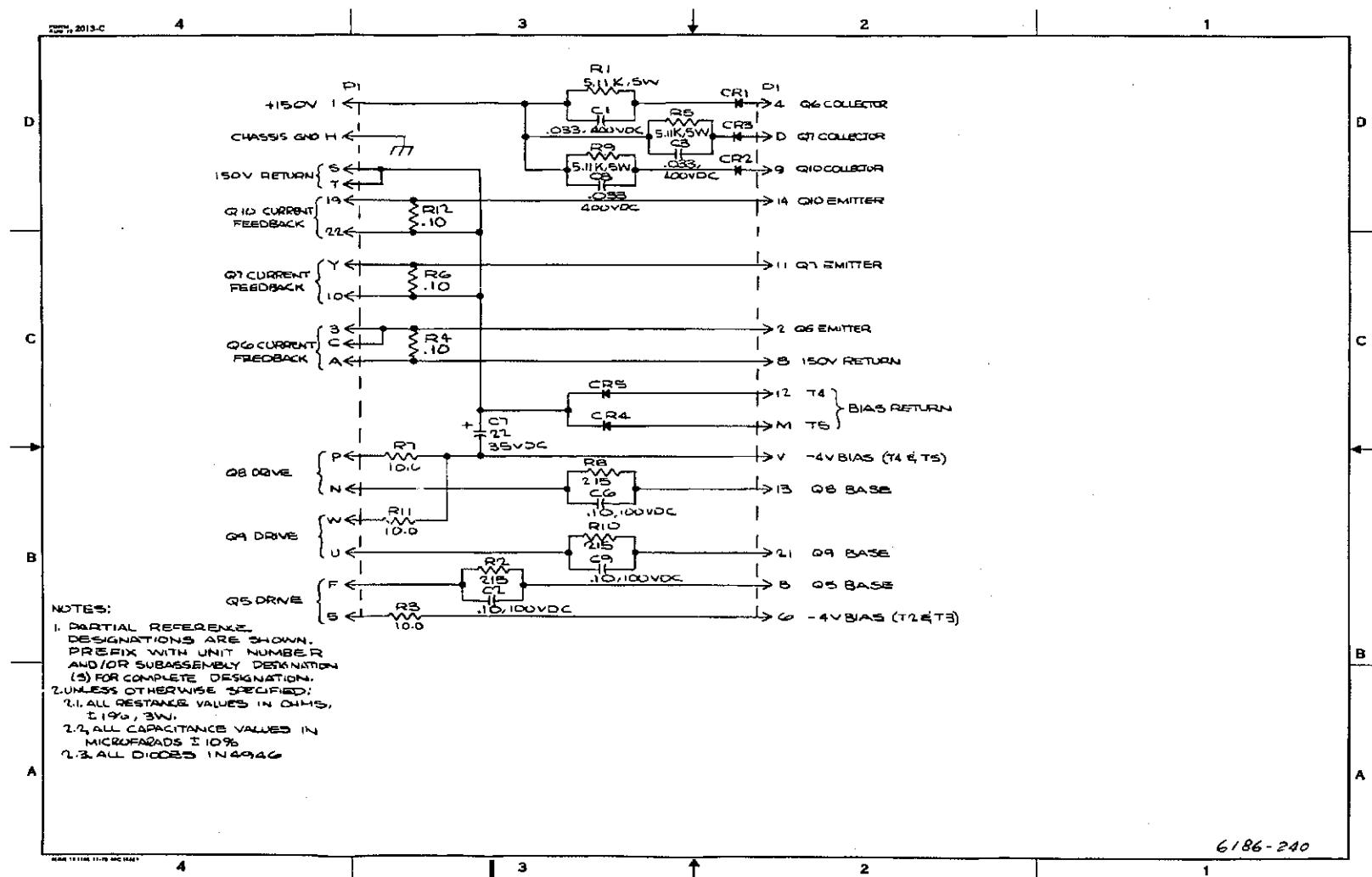


Figure FO-17. 12V Regulator Card - Schematic Diagram

Change 2 FO-109/(FO-110 blank)

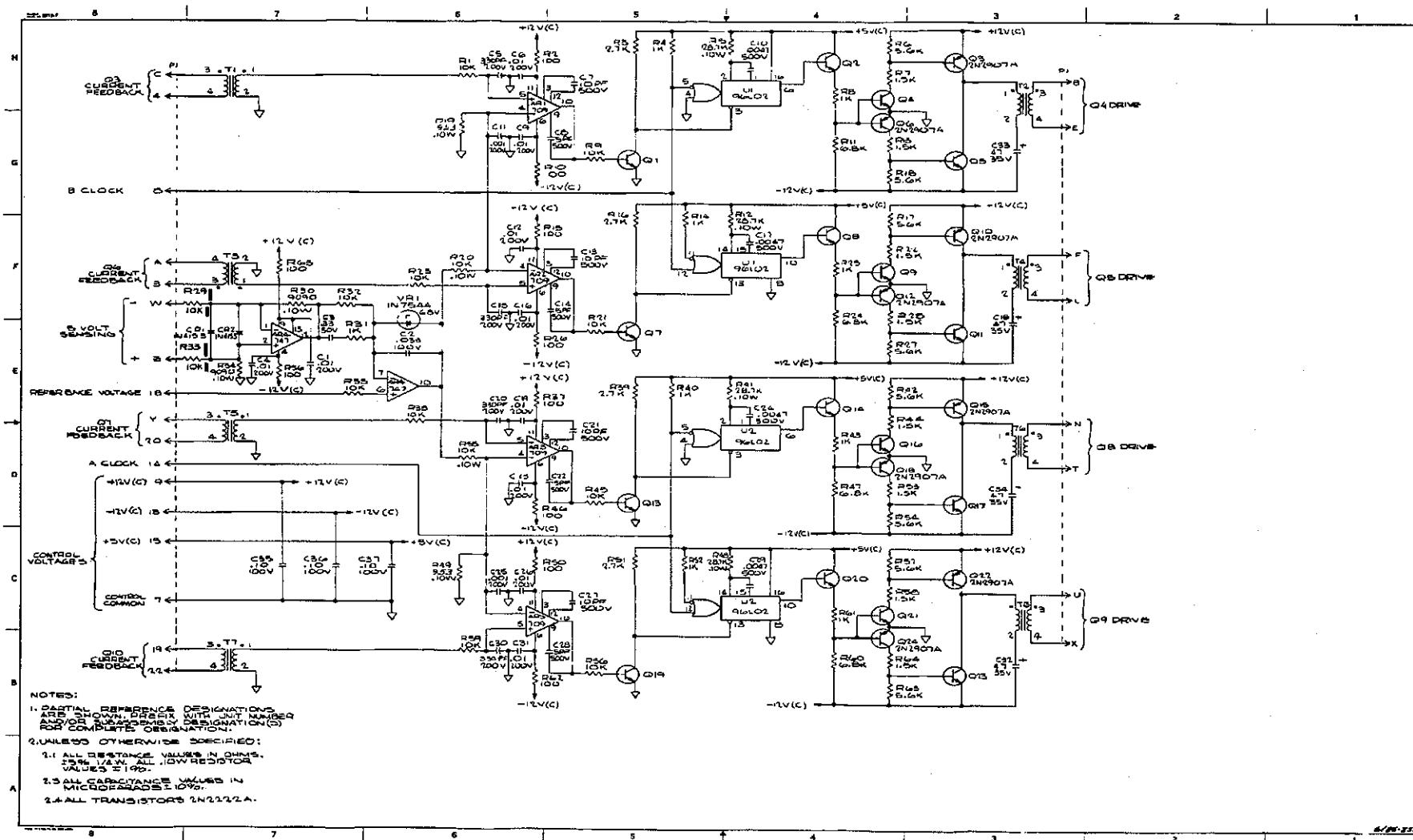


Figure FO-18. 5V Regulator Card - Schematic Diagram

Change 1 FO-111/(FO-112 blank)

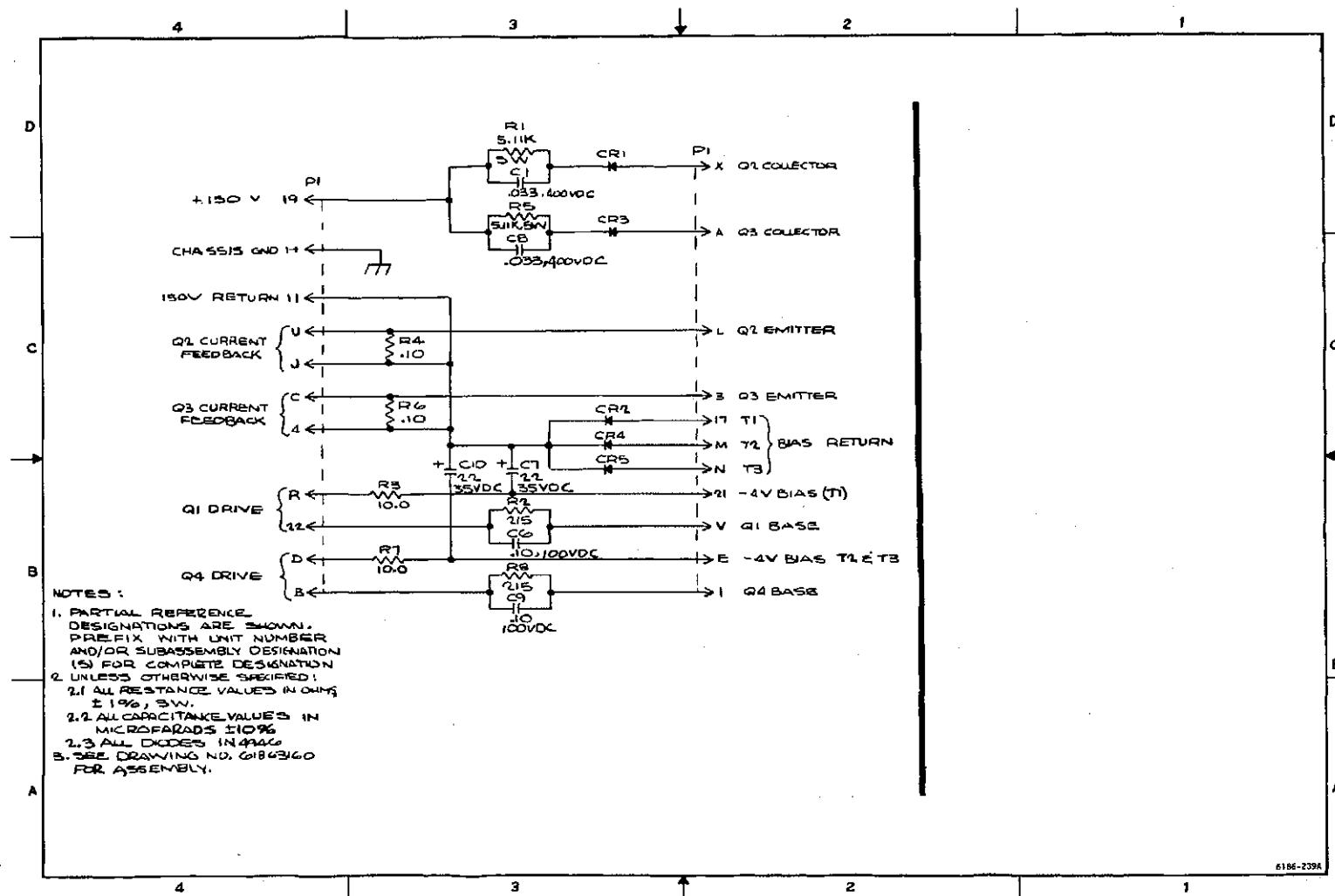


Figure FO-19. 12 V Driver Card - Schematic Diagram

Change 1 FO-113/(FO-114 blank)

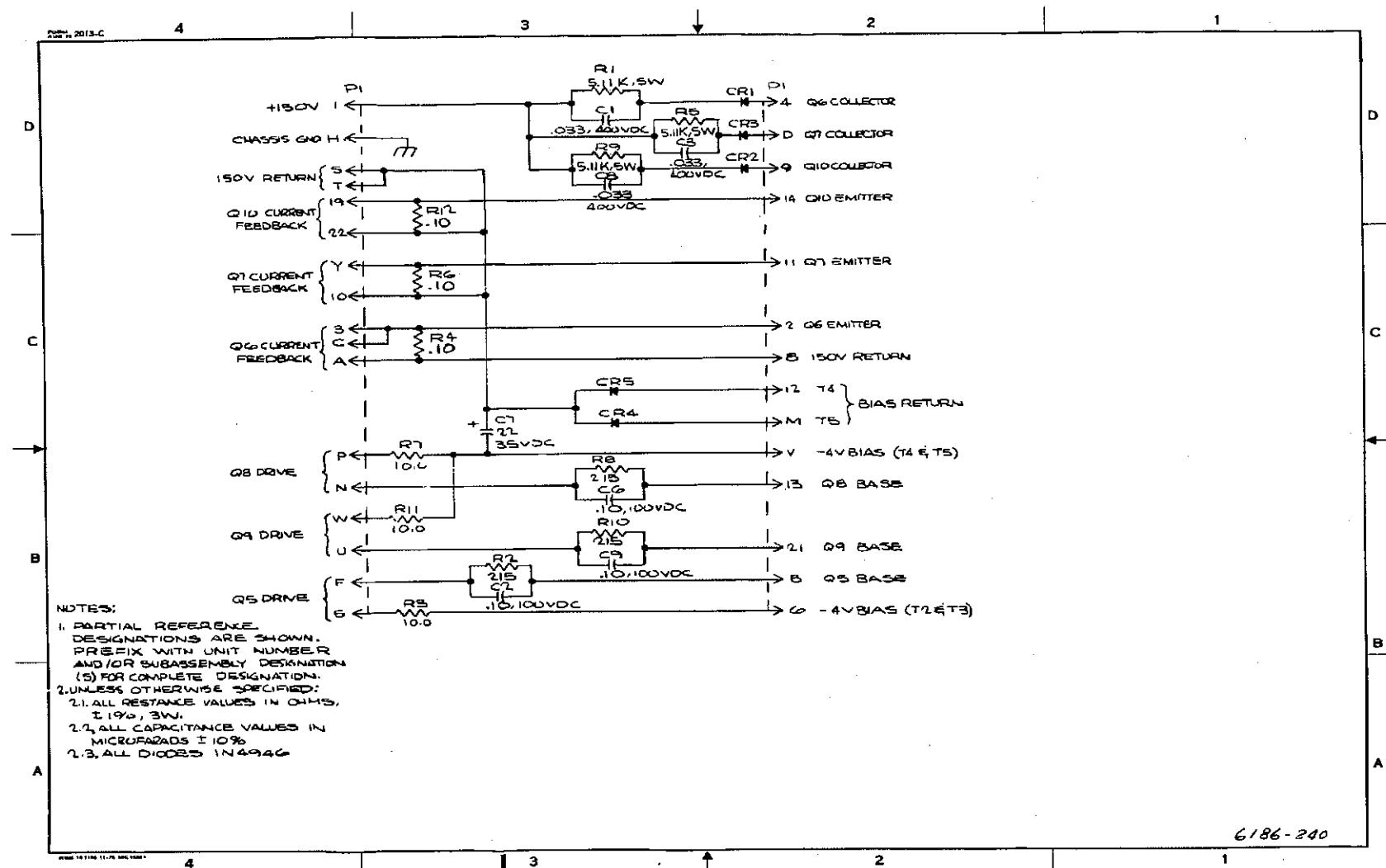


Figure FO-20. 5V Driver Card - Schematic Diagram

FO-115/(FO-116 blank)

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