

INDEX NO.	WILTRON PART NO.	QTY	DESCRIPTION
1	553-183	14	PCB GUIDE,.062,.312W,.175
2	720-1/4	2	CABLE FASTENER,CLAMP,0.25
3	720-3/8	2	CABLE FASTENER,CLAMP,0.37
4	900-142	4	SCREW,PAN HD,4-40,0.250,PHI
5	900-144	6	SCREW,PAN HD,4-40,0.312,PHI
6	900-151	2	SCREW,PAN HD,4-40,0.500,PHI
7	900-166	1	SCREW,PAN HD,6-32,0.250,PHI
8	900-174	24	SCREW,PAN HD,6-32,0.375,PHI
9	900-178	6	SCREW,PAN HD,6-32,0.437,PHI
10	900-182	2	SCREW,PAN HD,6-32,0.500,PHI
11	900-322	2	NUT,HEX,4-40,0.187,NLKG,S
12	900-328	2	NUT,HEX,6-32,0.250,NLKG,S
13	900-334	2	NUT,HEX,8-32,0.343,NLKG,S
14	900-346	10	WASHER,#4,FLT SMALL,SST
15	900-348	8	WASHER,#6,FLT,SST,0.375
16	900-349	25	WASHER,#6,FLT SMALL,SST
17	900-351	2	WASHER,#8,FLT,SST,0.375
18	900-391	22	WASHER,#4,SPLIT LK,SST
19	900-392	31	WASHER,#6,SPLIT LK,SST
20	900-394	2	WASHER,#8,SPLIT LK,SST
21	900-444	6	SCREW,FIL HD,8-32,THD FORM
22	900-448	8	SCREW,CAP SKT,4-40,0.562
23	B32507	1	GPB/DGPB SUB ASSY
24	B32585	1	FRONT PANEL BUS CABLE ASSY
25	C32532	1	BRACKET MONITOR
26	C32546	1	PLATE TX MOUNTING
27	C32571	1	MAIN SWITCH CABLE ASSY
28	C32574	1	PSU CABLE ASSY
29	C32654	1	BKT,MIDDLE,CARD BOX
30	C8187-2	1	BUTTON,WHITE
31	D32502	1	FRONT PANEL ASSEMBLY
32	D32503	1	REAR PANEL ASSEMBLY
33	D32508	1	MONITOR ASSEMBLY
34	D32509	1	CHASSIS ASSEMBLY
35	ND34571	1	CHANNEL B INPUT CONN CABLE ASSY
36	ND34570	1	CHANNEL A INPUT CONN CABLE ASSY
37	ND34569	1	CHANNEL R2 INPUT CONN CABLE ASSY
38	ND34568	1	CHANNEL R1 INPUT CONN CABLE ASSY
39	D32514-3	1	PC ASSY,SWEEPER INTRF,A4
40	D32515-3	1	PC ASSY,CTRL PROC UNIT,A5
41	D32517-3	1	PC ASSY,VIDEO DISP PROC,A7
42	D32519-3	1	PC ASSY,MOTHERBOARD,A9
43	D32521-3	1	PC ASSY,PWR SUPPLY,A12
44	D32572	1	TRANSFORMER ASSY
45	D32652	1	CARD BOX
46	D32516-3	1	PC ASSY TEXT & GRAPHICS, A6

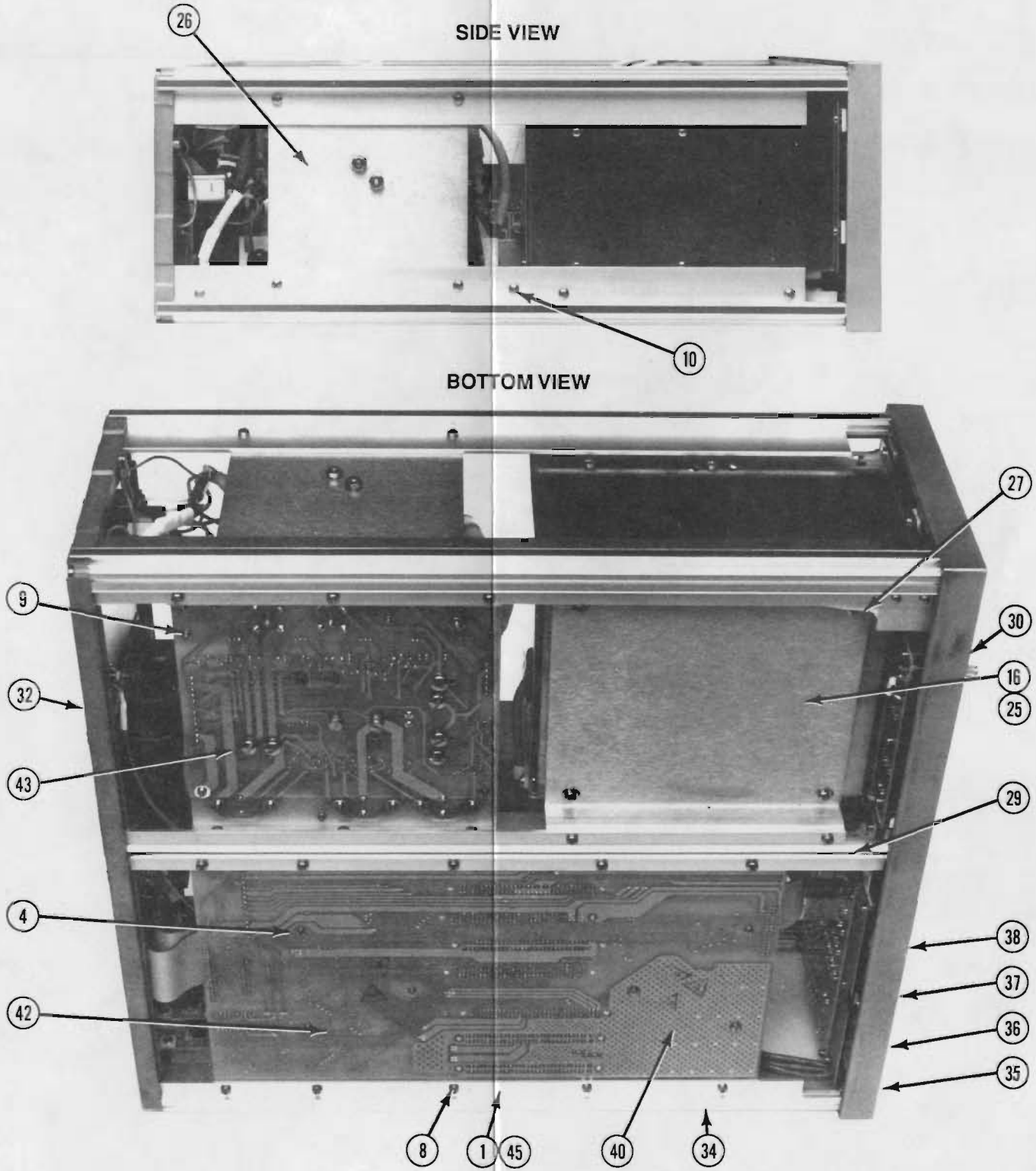


Figure 5-1. Case Assembly
561-D-32501
Sheet 1 of 2

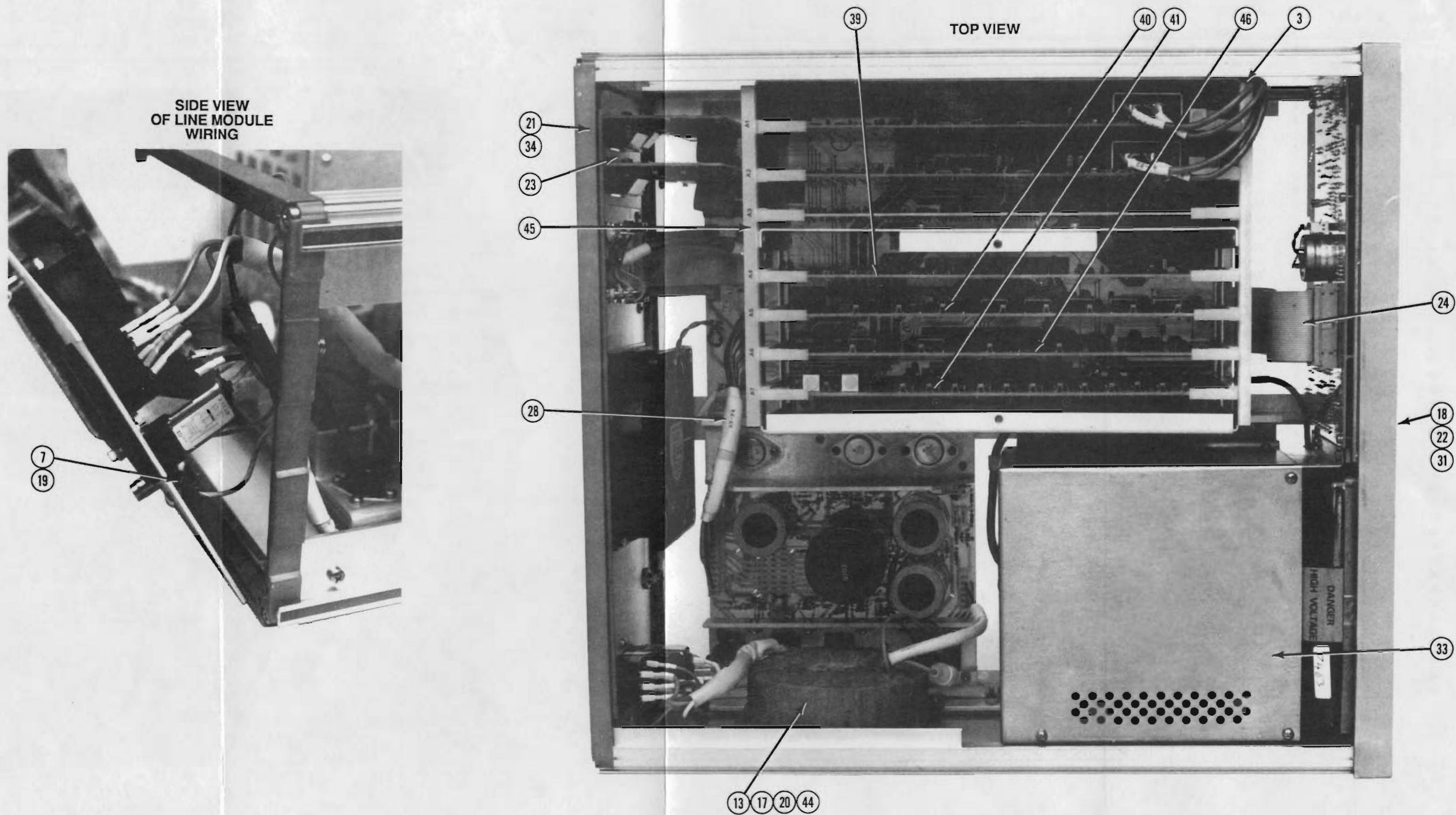


Figure 5-1. Case Assembly
561-D-32501
Sheet 2 of 2

INDEX NO.	WILTRON PART NO.	QTY	DESCRIPTION
1	721-2	1	CABLE FASTENER,TIE,0.75,WHT
2	900-157	15	SCREW,PAN HD,4-40,0.750,PHI
3	900-322	10	NUT,HEX,4-40,0.187,I,NLKG,S
4	900-346	25	WASHER,#4,FLT SMALL,SST,*I
5	900-391	25	WASHER,#4,SPLIT LK,SST,*I
6	B30092	1	MOTOR TO PLATE WITH CABLE NO
7	B32154-10	1	PUSHBUTTON,ENGRAVED,"3"
8	B32154-11	1	PUSHBUTTON,ENGRAVED,"4"
9	B32154-12	1	PUSHBUTTON,ENGRAVED,"5"
10	B32154-13	1	PUSHBUTTON,ENGRAVED,"6"
11	B32154-14	1	PUSHBUTTON,ENGRAVED,"7"
12	B32154-15	1	PUSHBUTTON,ENGRAVED,"8"
13	B32154-16	1	PUSHBUTTON,ENGRAVED,"9"
14	B32154-17	1	PUSHBUTTON,ENGRAVED,"0"
15	B32154-18	1	PUSHBUTTON,ENGRAVED,"-"
16	B32154-21	1	PUSHBUTTON,ENGRAVED,"CH1"
17	B32154-22	1	PUSHBUTTON,ENGRAVED,"CH2"
18	B32154-7	1	PUSHBUTTON,ENGRAVED,"."
19	B32154-8	1	PUSHBUTTON,ENGRAVED,"1"
20	B32154-9	1	PUSHBUTTON,ENGRAVED,"2"
21	B32537	2	INSULATOR,CONNECTOR MOUNTING
22	C32523-3	1	PC ASSY,SWITCH MTNG,A11
23	C32545	1	SCREEN SIG CHANNEL CONNS
24	C8186	2	BUTTON,GREY, LARGE
25	C8187-1	26	BUTTON ,GREY,SMALL
26	C8187-3	1	BUTTON,RED,SMALL
27	D32511-3	1	PC ASSY,FRT PNL,A13
28	D32527	1	FRONT SUB PANEL
29	ND34571	1	CHANNEL B INPUT CONN CABLE ASSY
30	ND34570	1	CHANNEL A INPUT CONN CABLE ASSY
31	ND34569	1	CHANNEL R2 INPUT CONN CABLE ASSY
32	ND34562	1	CHANNEL R1 INPUT CONN CABLE ASSY

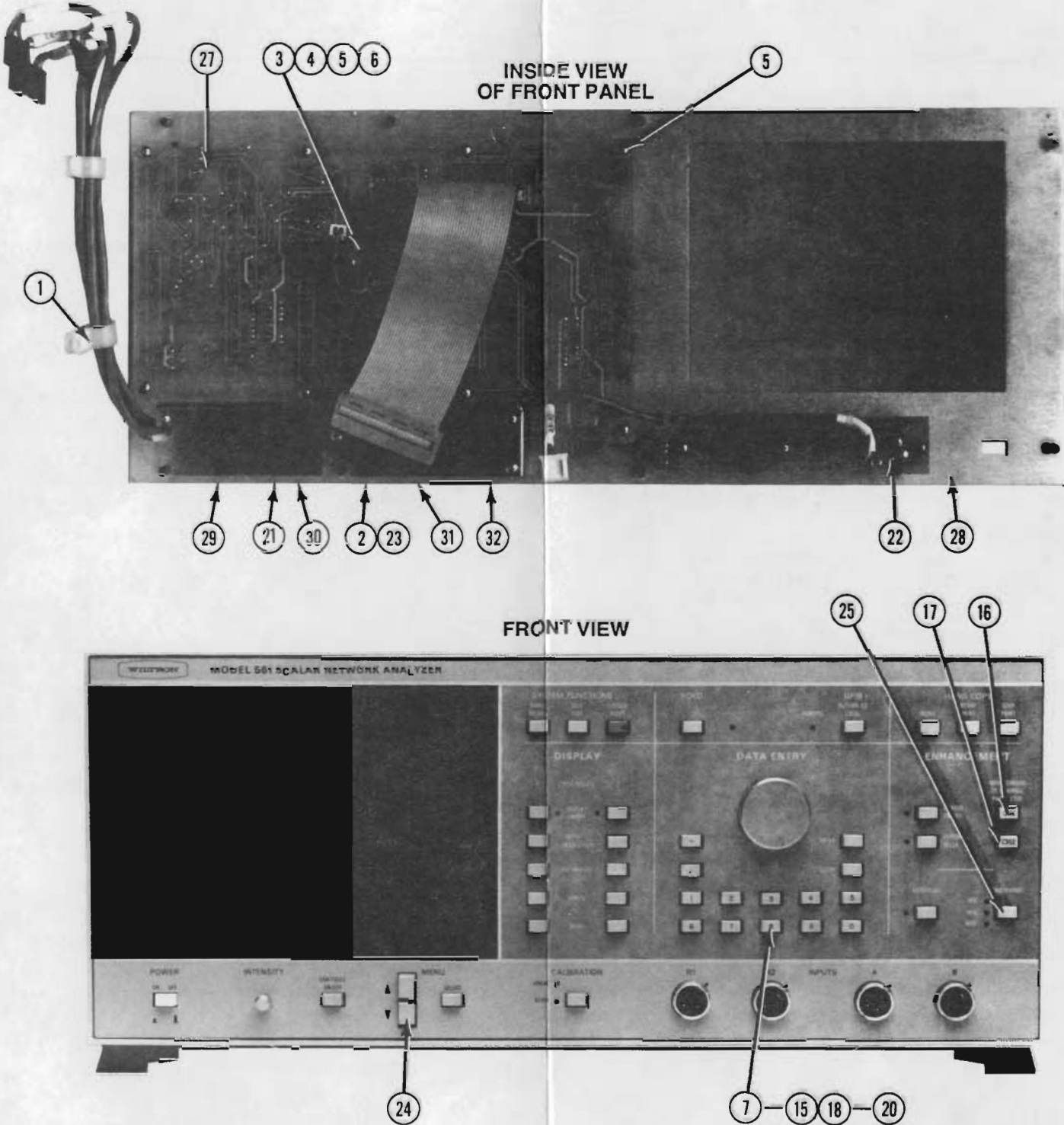


Figure 5-2. Front Panel Assembly
561-D-32502
Sheet 1 of 1

INDEX NO.	WILTRON PART NO.	QTY	DESCRIPTION
1	260-13	1	EMI FILTER,BALANCED,BOX,2A,
2	510-31	1	CONNECTOR,BULKHD,BNCF,50OHM
3	510-5	6	CONNECTOR,BULKHD,BNC F,50OHM
4	551-714	1	CONTACT,CONNECTOR,CRIMP
5	551-715	1	CONTACT,CONNECTOR,CRIMP
6	551-716	3	CONTACT,CRIMP
7	706-5	2	TERM LUG,PLAIN,SCREW
8	783-377	1	FILTER,FAN,5.25"DIA.,.40"THK
9	790-18	2	STANDOFF,M/F,4-40,0.187,HEX
10	790-251	1	GUARD,FINGER,6"DIA,4 SC
11	900-148	2	SCREW,PAN HD,4-40,0.375
12	900-182	1	SCREW,PAN HD,6-32,0.500
13	900-328	2	NUT,HEX,6-32,0.250,1,NLKG,SS
14	900-332	4	NUT,KEP,6-32,0.312,1,LKG,SS
15	900-349	2	WASHER,#6,FLT SMALL,SST
16	900-391	2	WASHER,#4,SPLIT LK,SST,
17	900-392	2	WASHER,#6,SPLIT LK,SST
18	900-45	2	SCREW,FLT HD,4-40,0.375
19	900-579	4	NUT,DOVE,6-32,0.31
20	900-618	4	STUD,NONE,6-32,1.0",NONE
21	B32575	1	COMP VID O/P CON CABLE
22	B32578	1	PRINTER I/F CONN CABLE
23	C32577	1	FAN ASSY
24	C32579	1	AUX I/O CABLE
25	C32588	1	SWEEP I/F CABLE
26	C32655	1	PLATE,FAN MTG
27	D32528	1	REAR PANEL,561

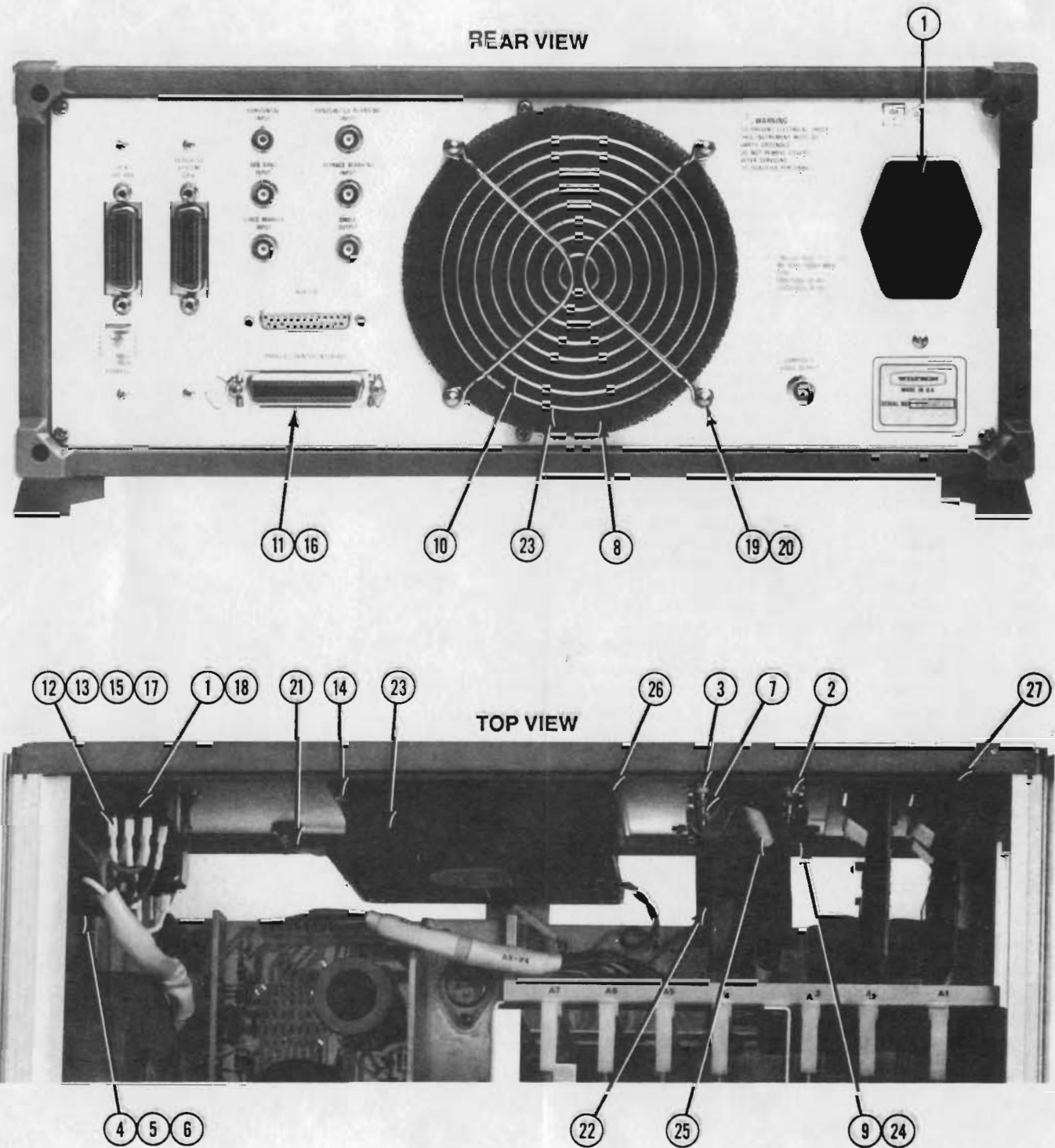


Figure 5-3. Rear Panel
561-D-32503
Sheet 1 of 1

INDEX NO.	WILTRON PART NO.	QTY	DESCRIPTION
1	B32549	1	PLATE GPIB PCB MTNG
2	D32518-3	1	PC ASSY,GPIB,A8
3	D32520-3	1	PC ASSY,DEDICATED GPIB,A10

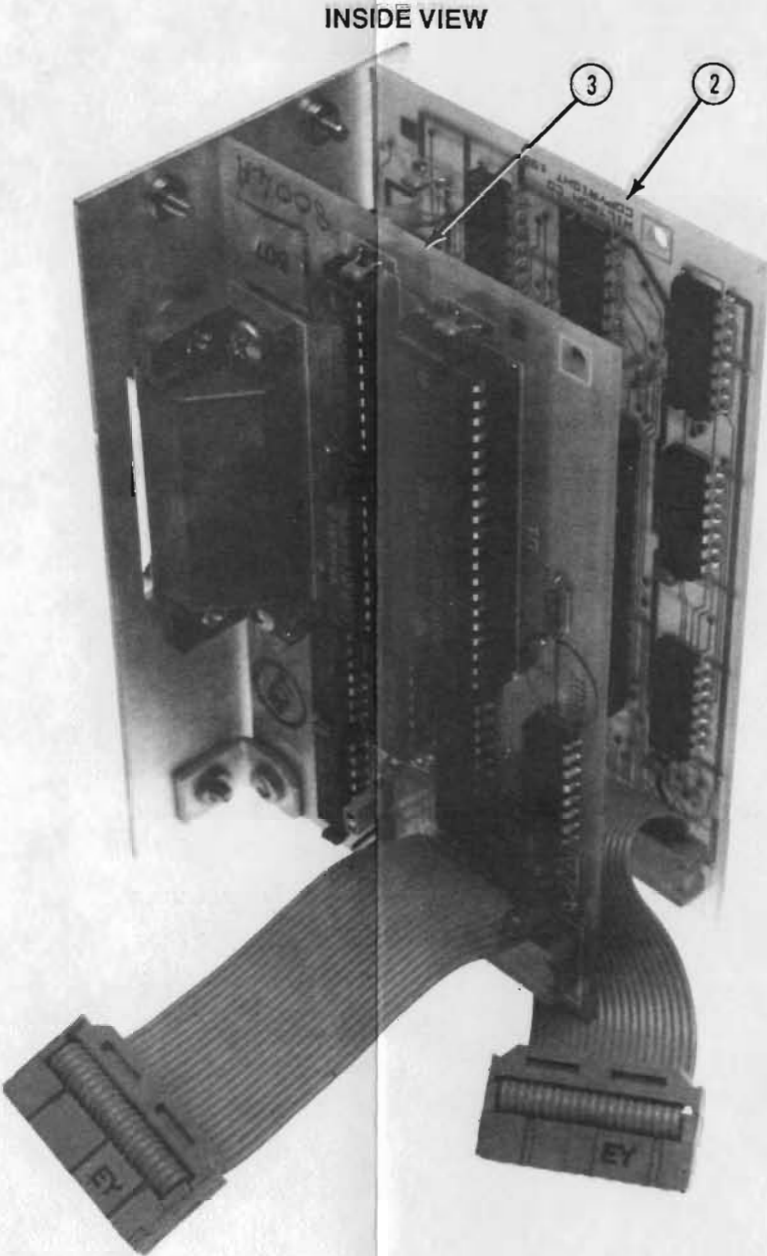
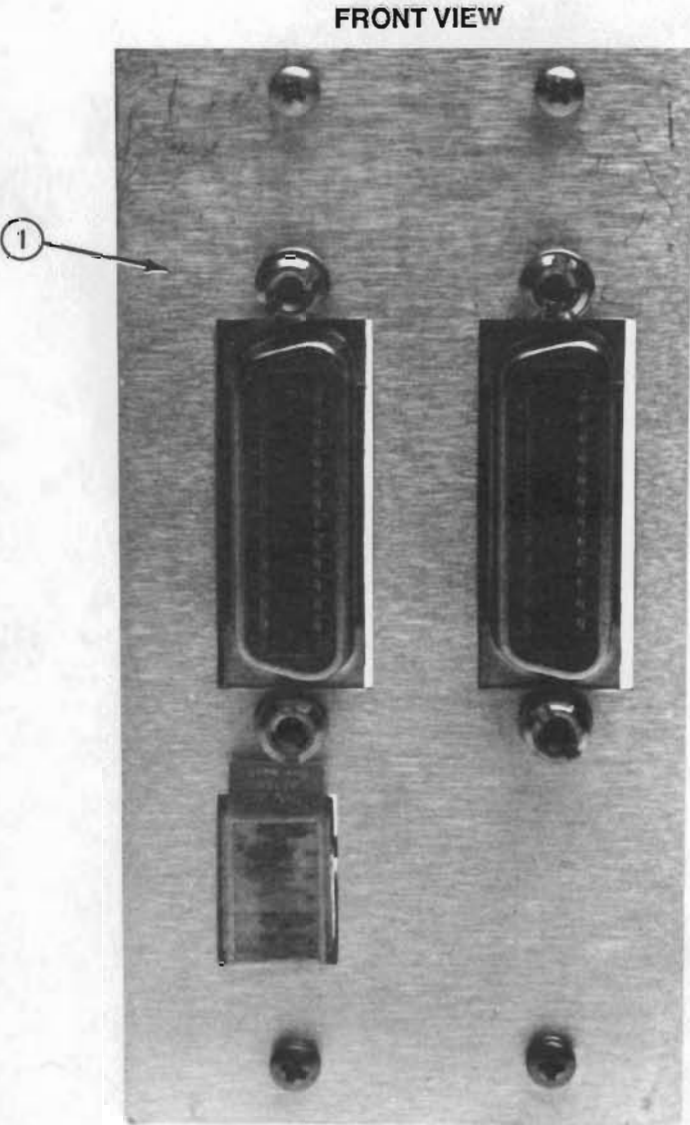


Figure 5-4. GPIB Assembly (A8 System GPIB and A10 Dedicated GPIB PCB)
561-D-32507
Sheet 1 of 1

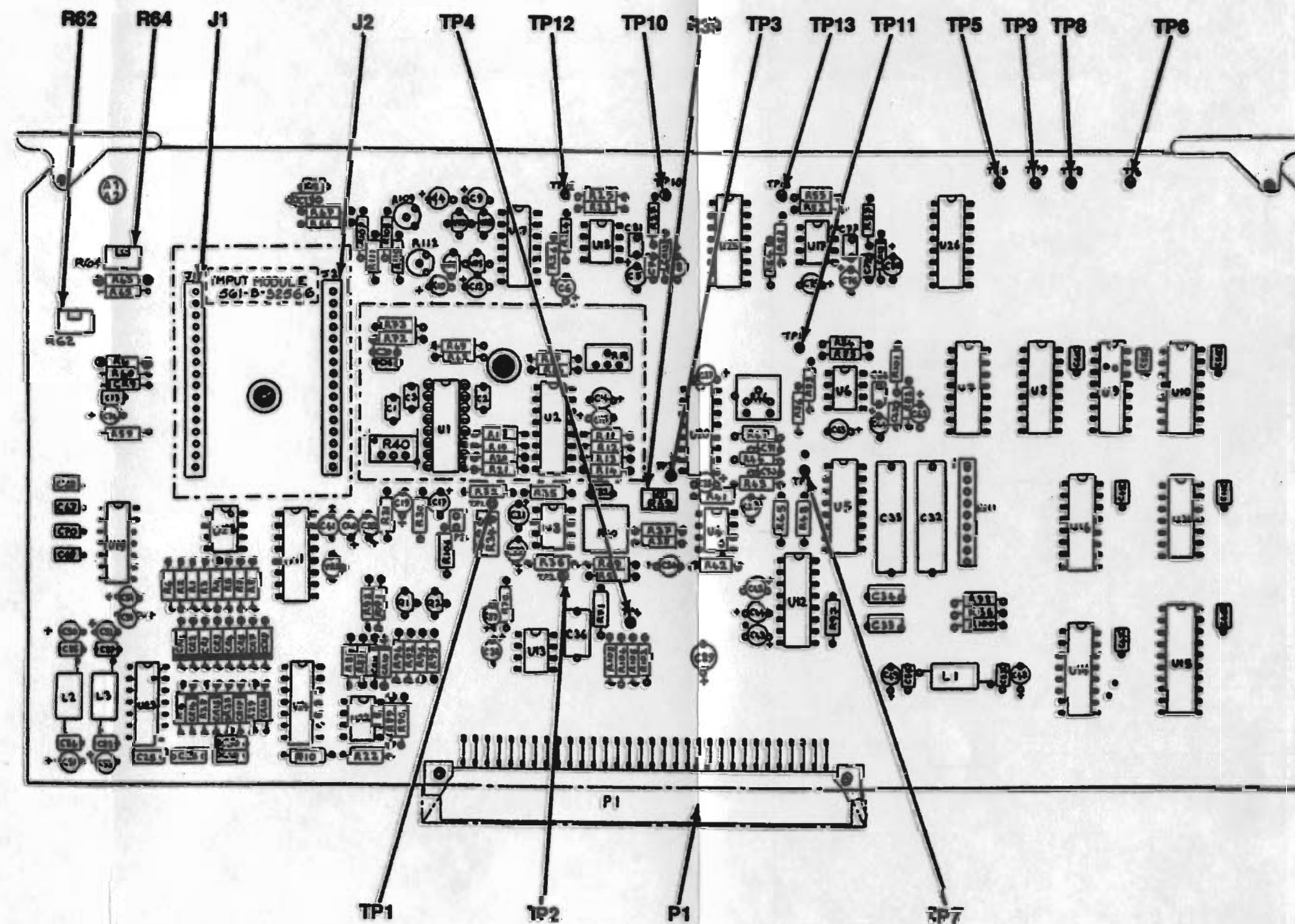
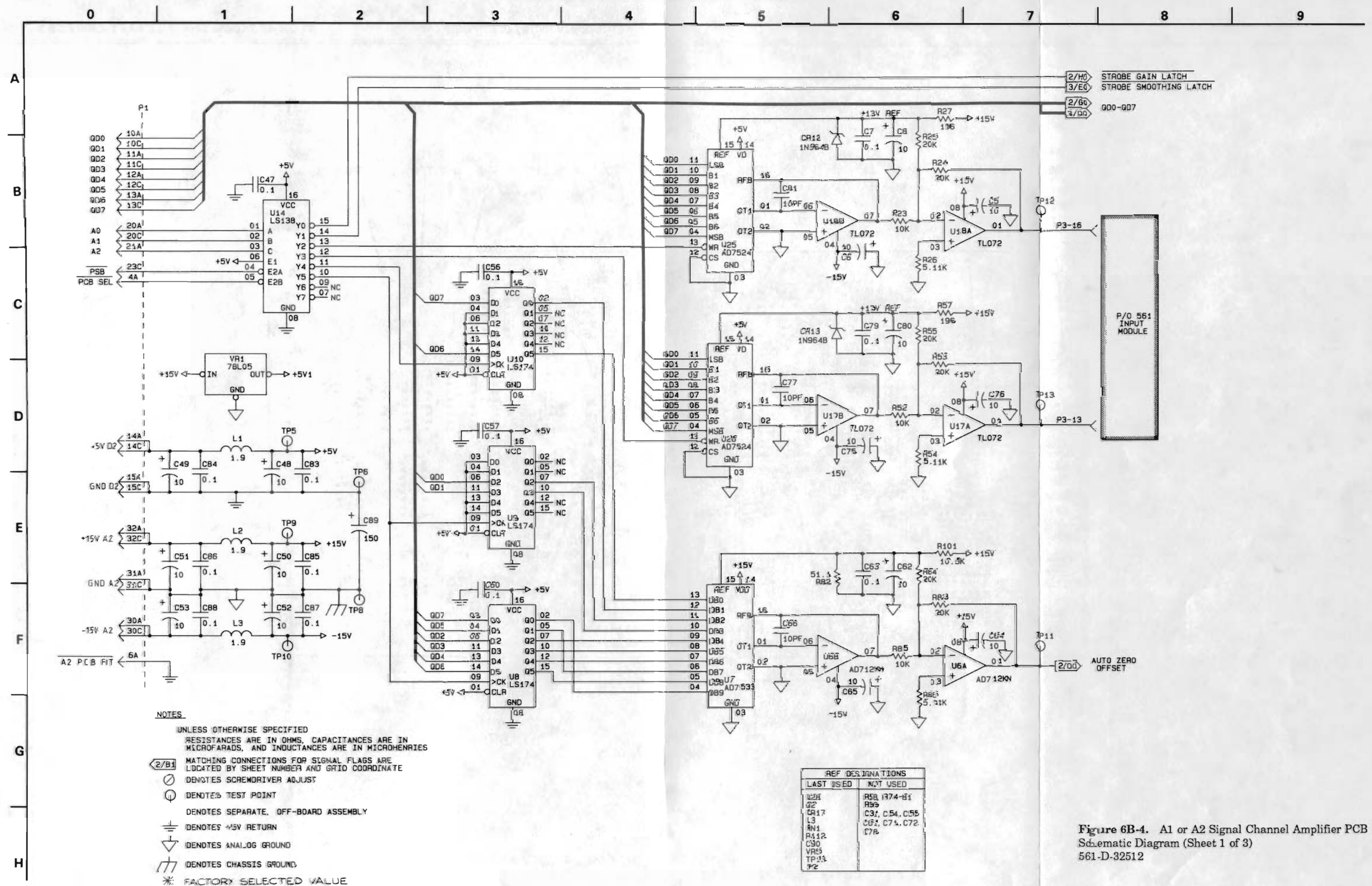
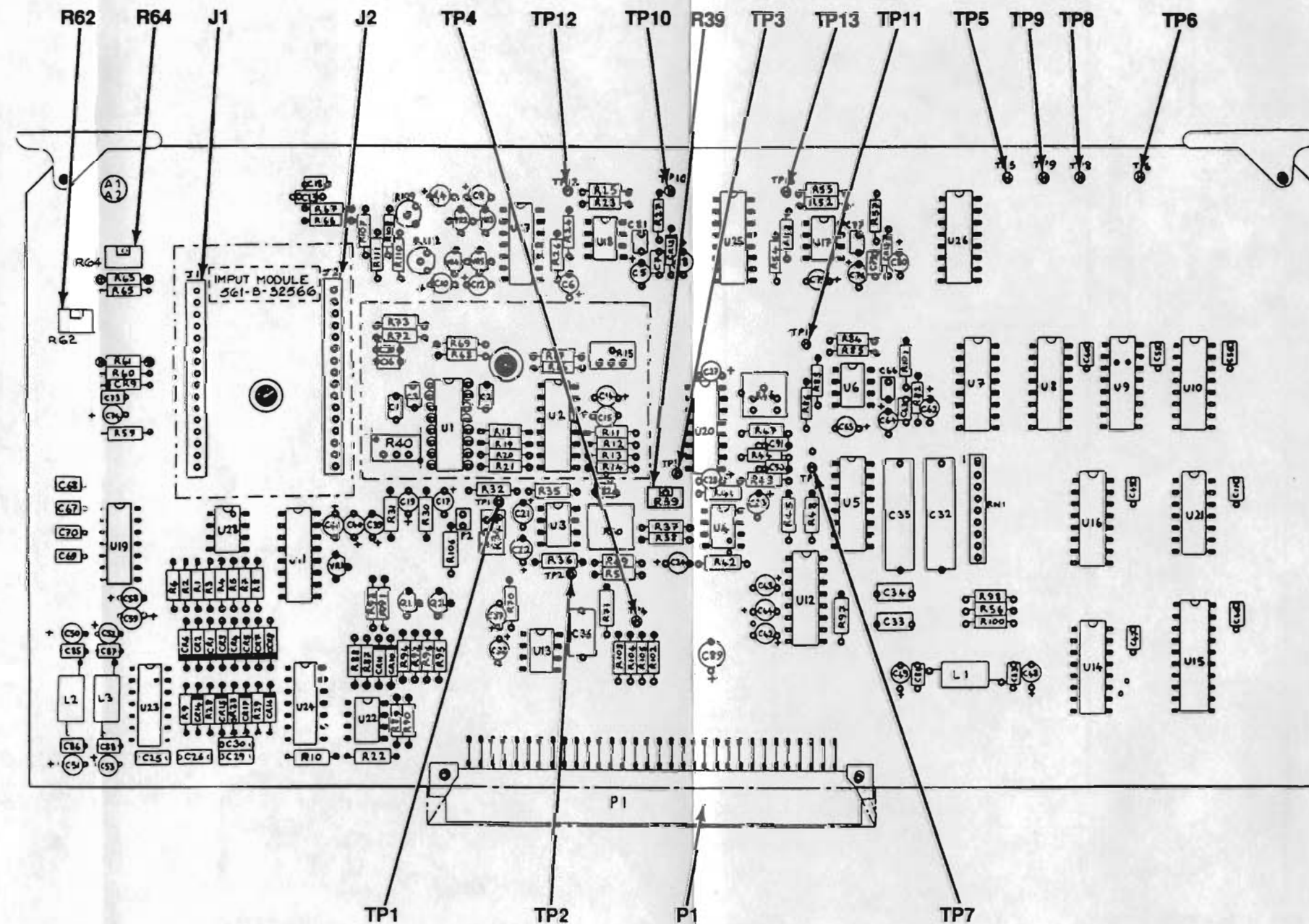


Figure 6B-3. A1 or A2 Signal Channel Amplifier PCB
Parts Locator Diagram
561-D-32512





Copy of Figure 6B-3. A1 or A2 Signal Channel Amplifier PCB
Parts Locator Diagram
561-D-32512

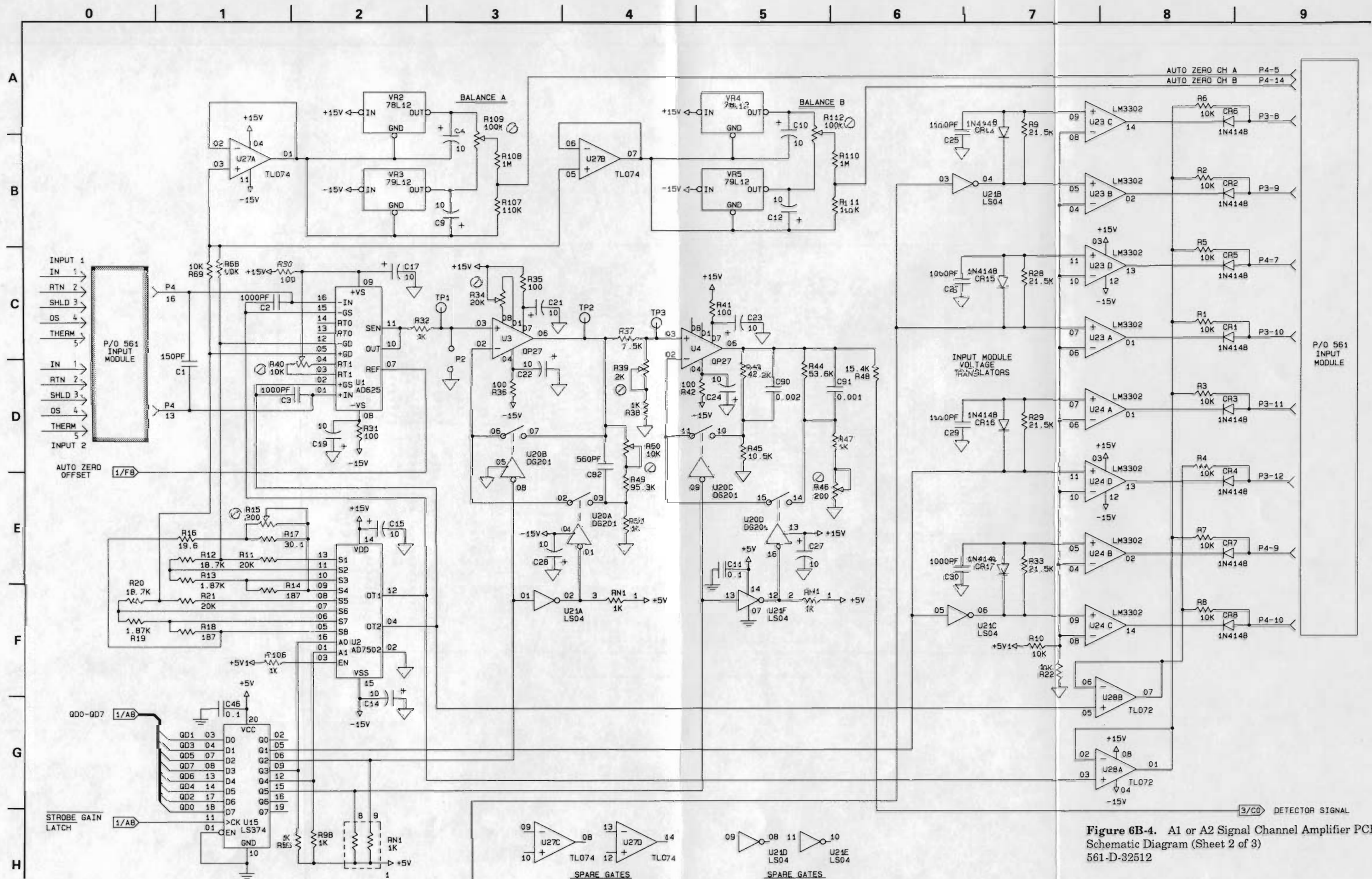
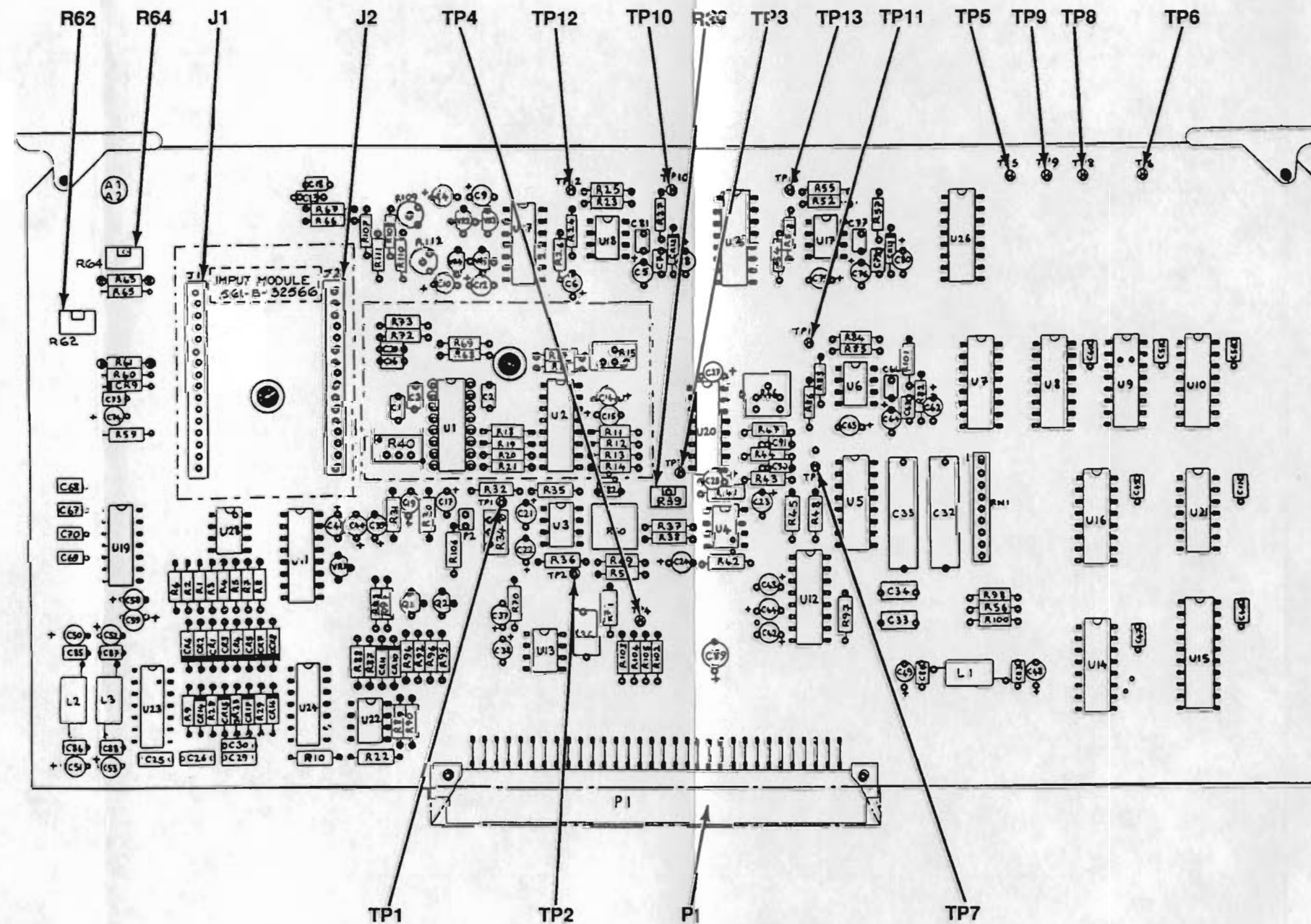


Figure 6B-4. A1 or A2 Signal Channel Amplifier PCB
Schematic Diagram (Sheet 2 of 3)
561-D-32512



Copy of Figure 6B-3. A1 or A2 Signal Channel Amplifier PCB
Parts Locator Diagram
561-D-32512

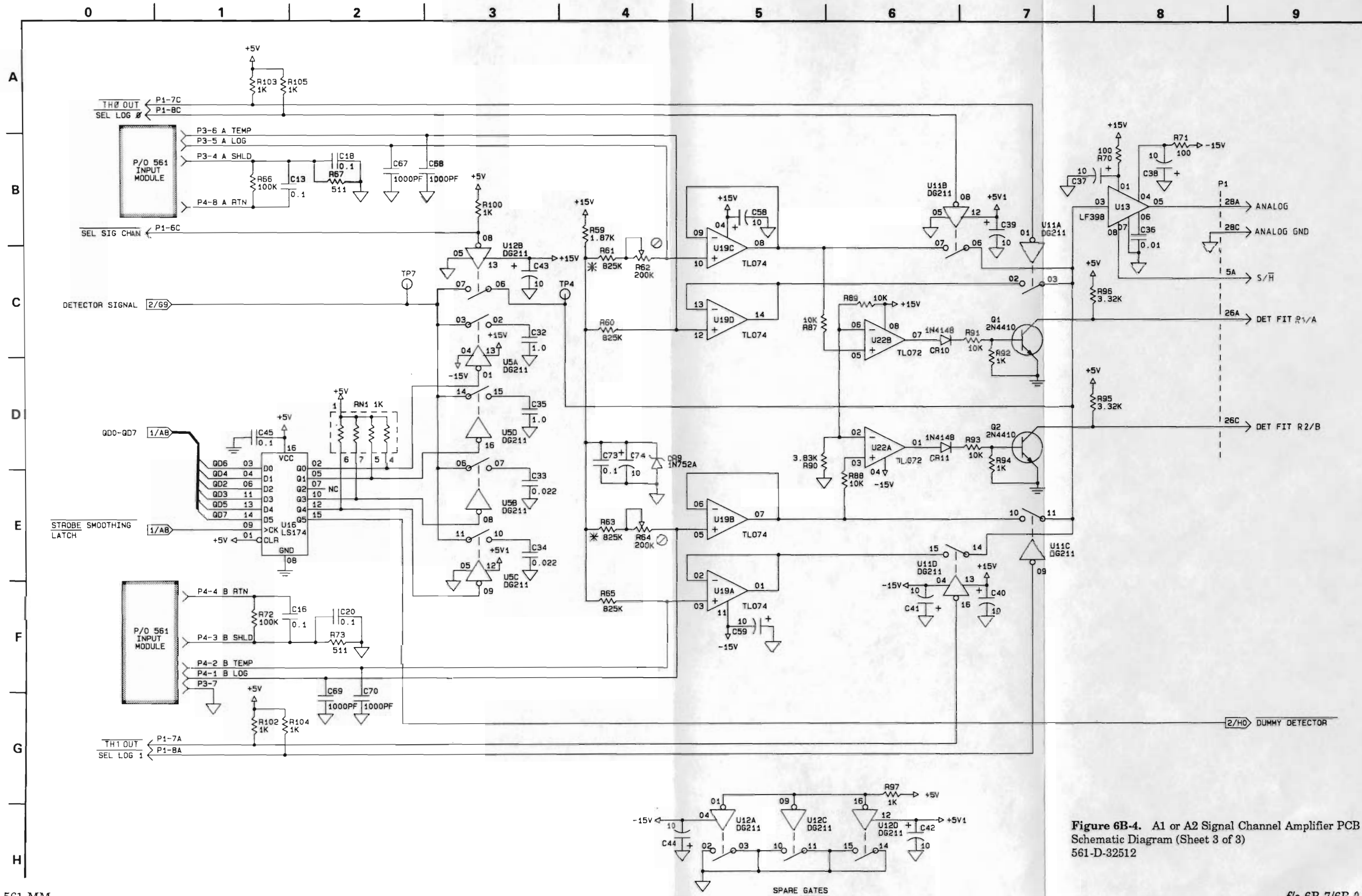


Figure 6B-4. A1 or A2 Signal Channel Amplifier PCB
Schematic Diagram (Sheet 3 of 3)
561-D-32512

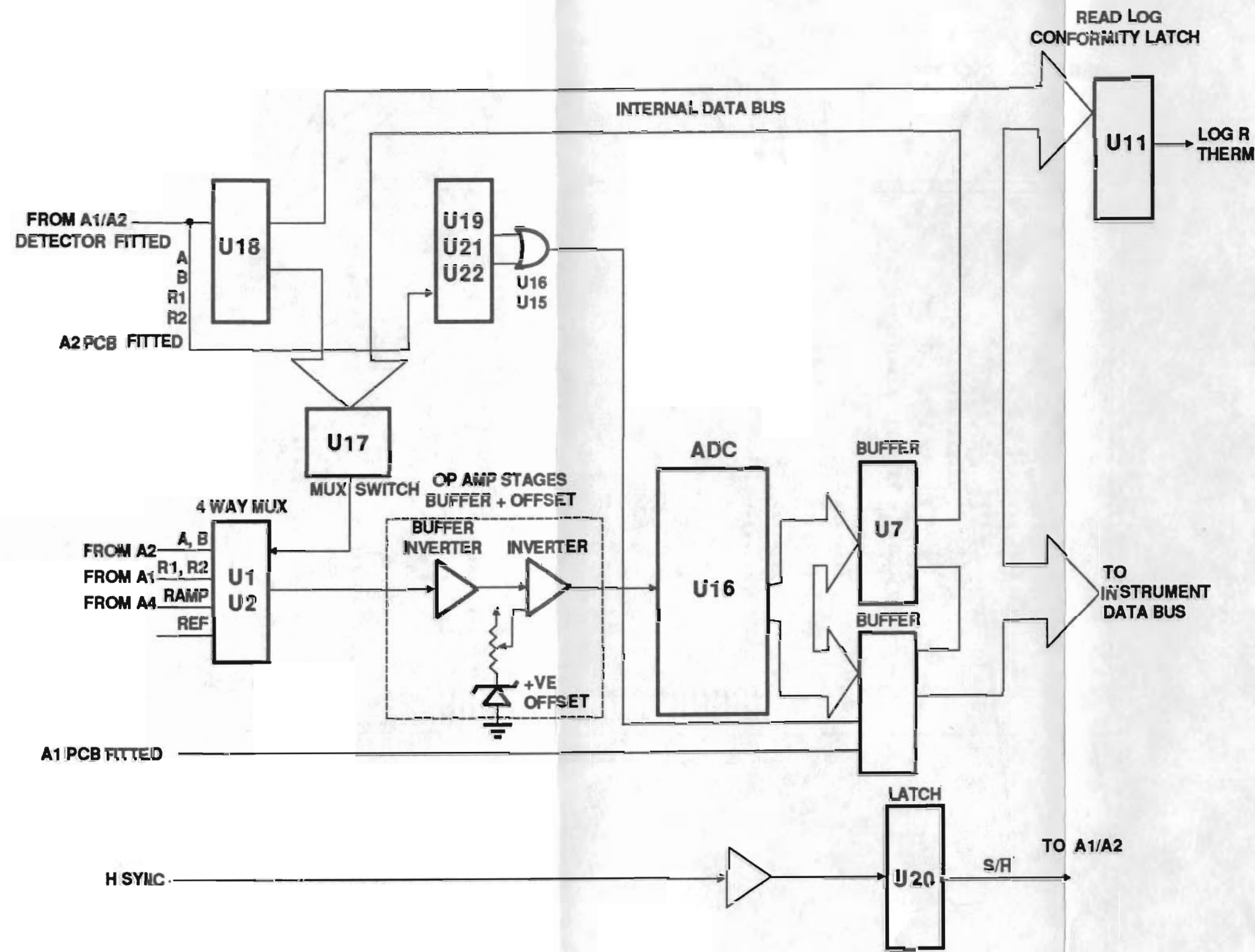


Figure 6C-1. A3 Signal Channel Interface PCB Block Diagram

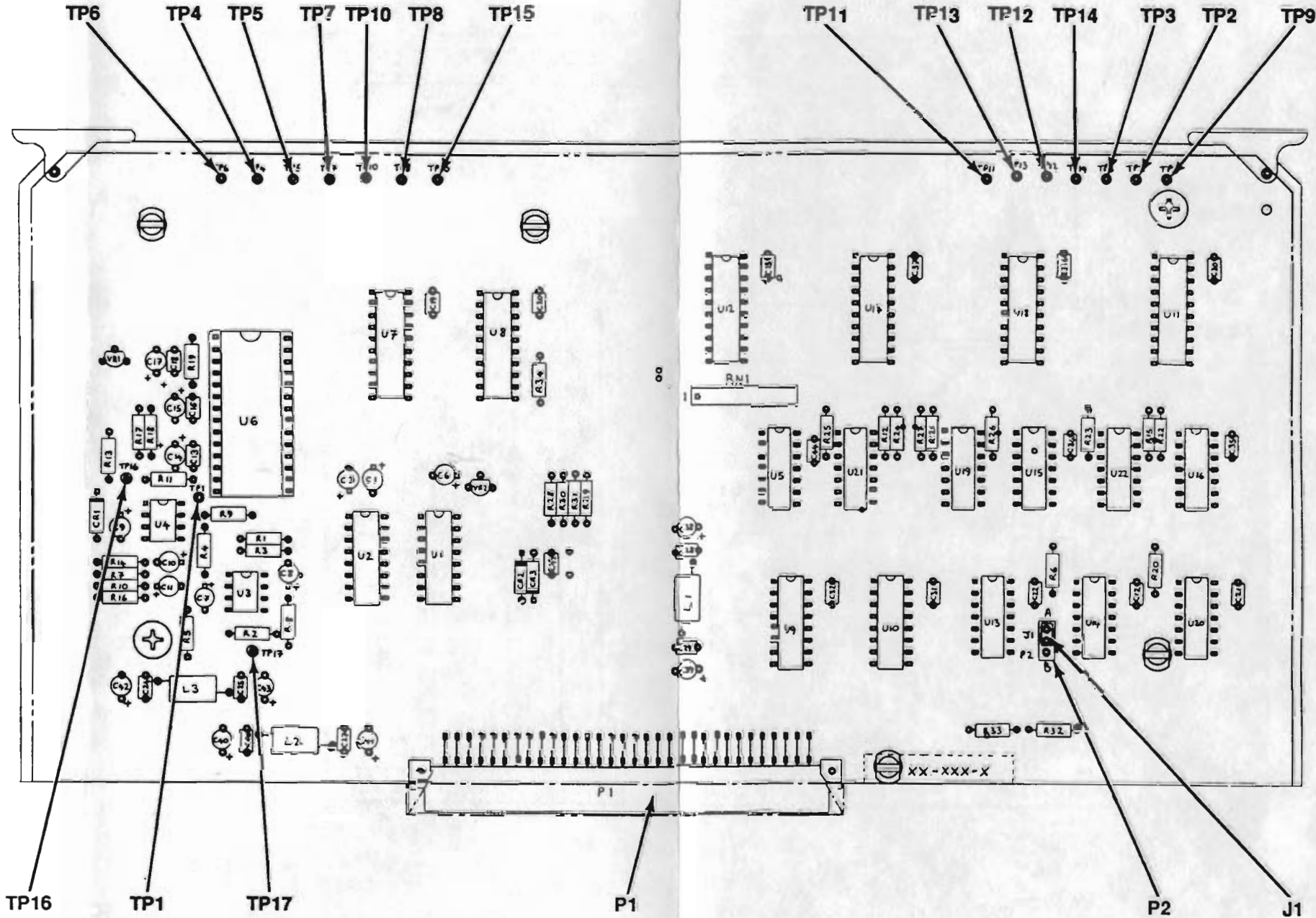


Figure 6C-2. A3 Signal Channel Interface PCB
Parts Locator Diagram
561-D-32513

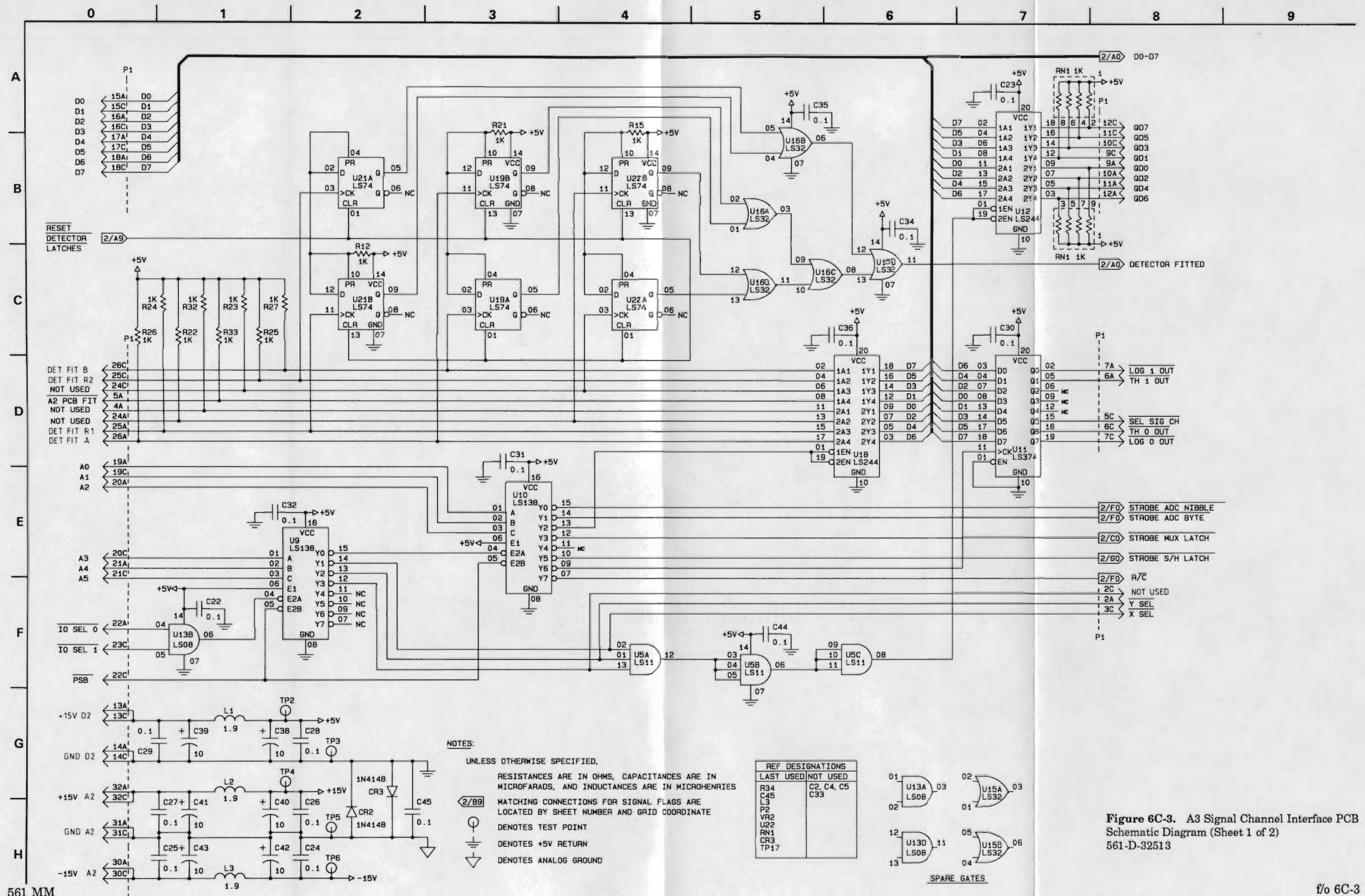
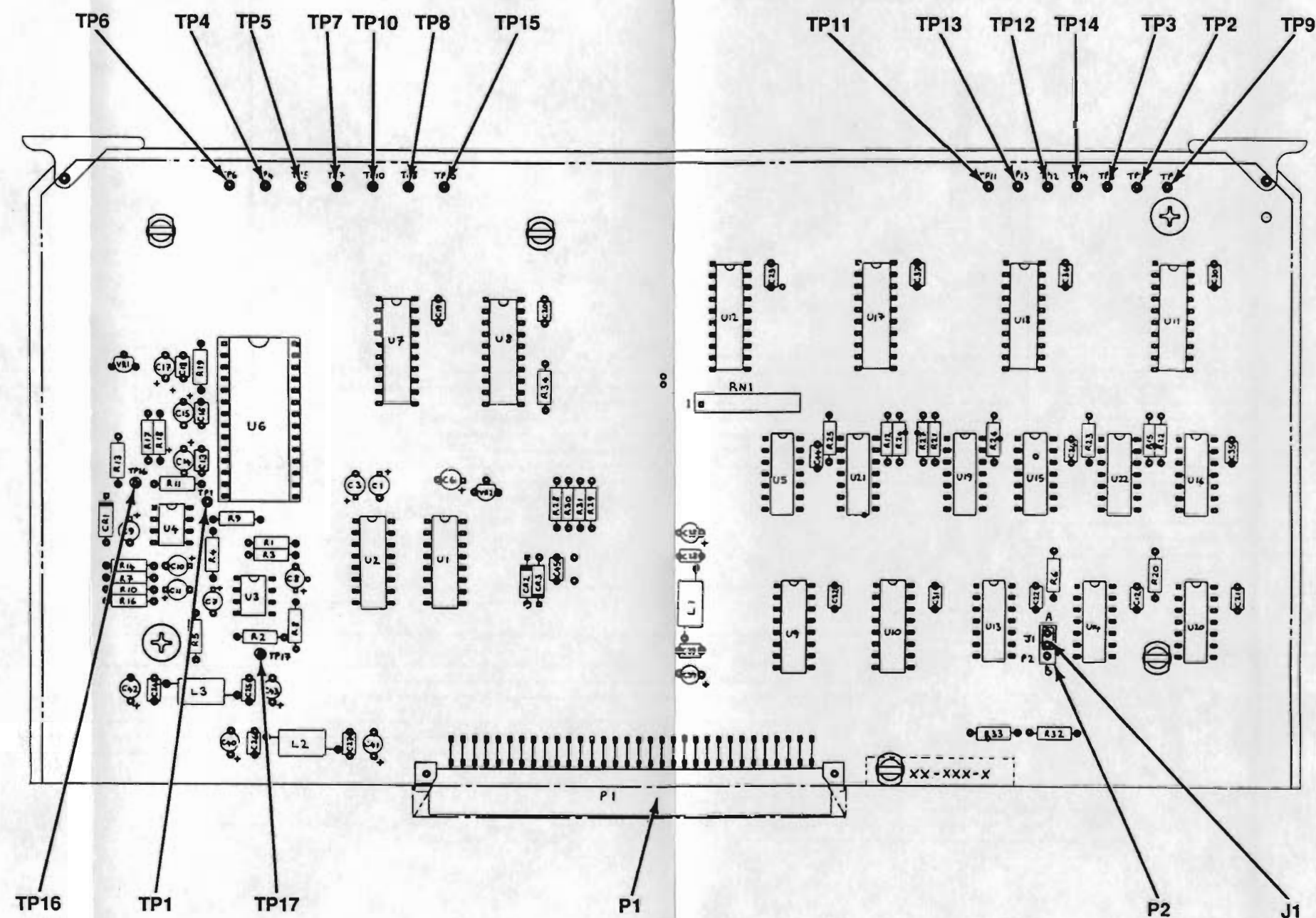


Figure 6C-3. A3 Signal Channel Interface PCB
 Schematic Diagram (Sheet 1 of 2)
 561-D-32513



Copy of Figure 6C-2. A3 Signal Channel Interface PCB
Parts Locator Diagram
561-D-32513

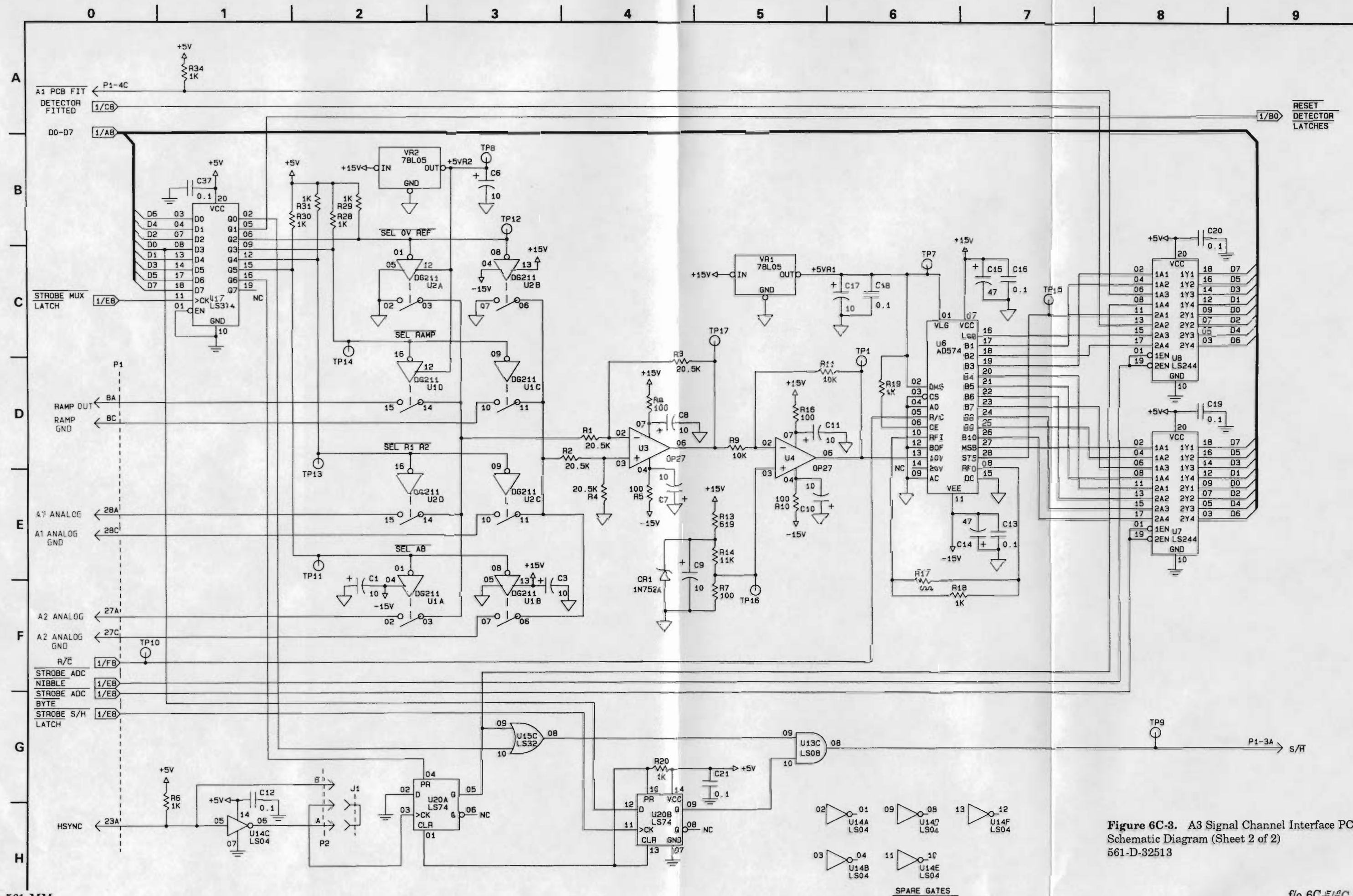


Figure 6C-3. A3 Signal Channel Interface PCB
Schematic Diagram (Sheet 2 of 2)
561-D-32513

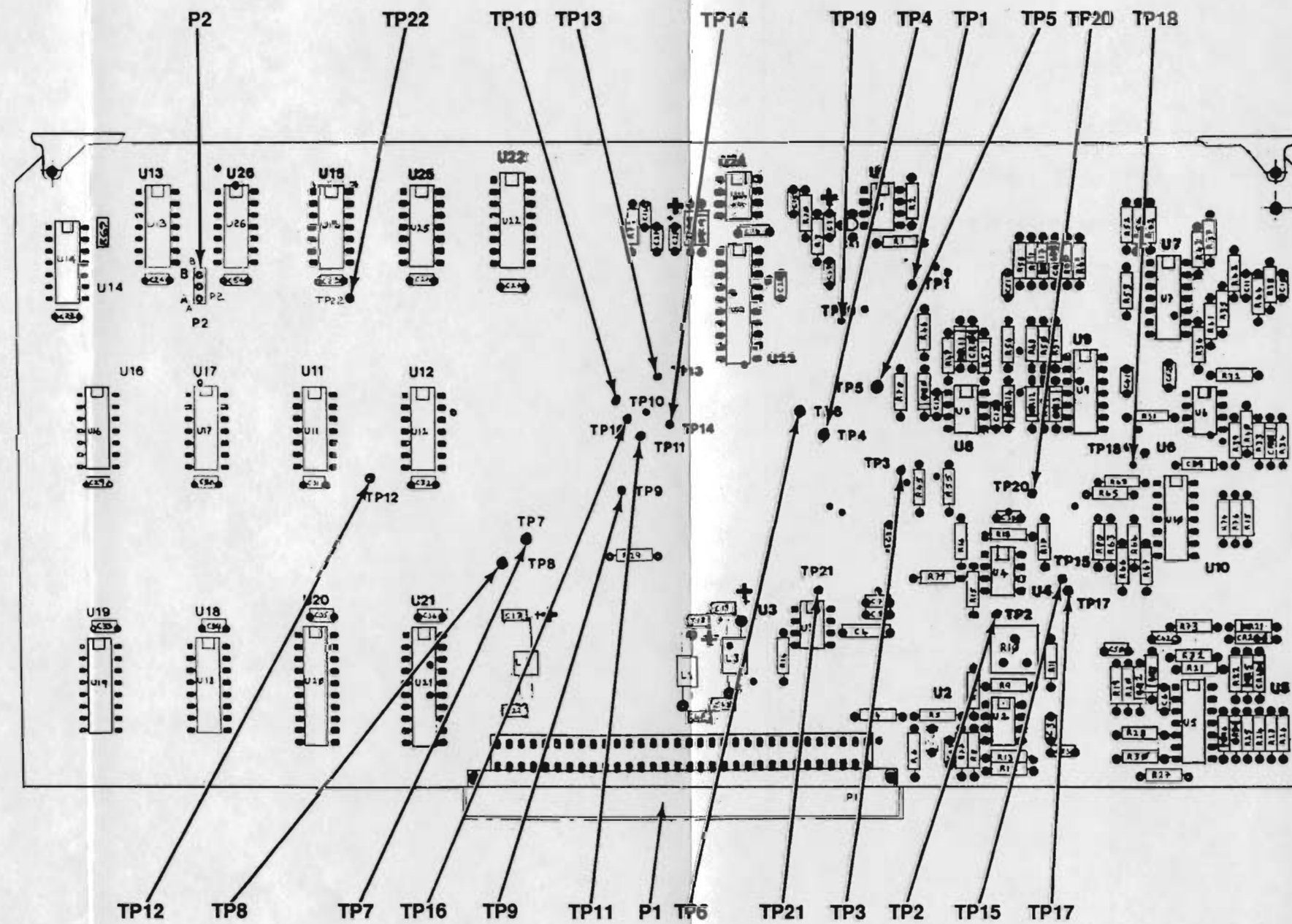


Figure 6D-2. A4 Sweeper Interface PCB
Parts Locator Diagram
561-D-32514

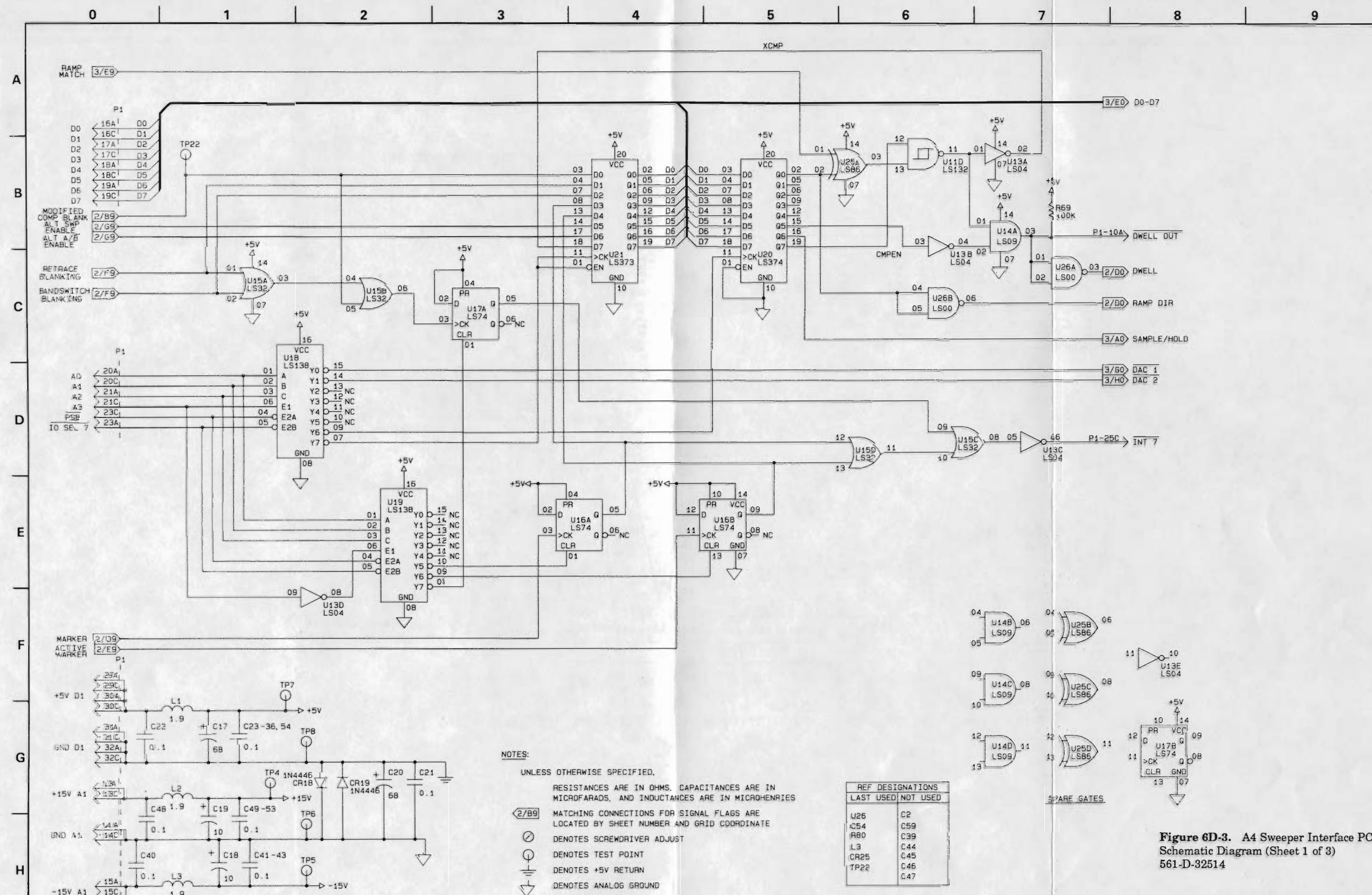
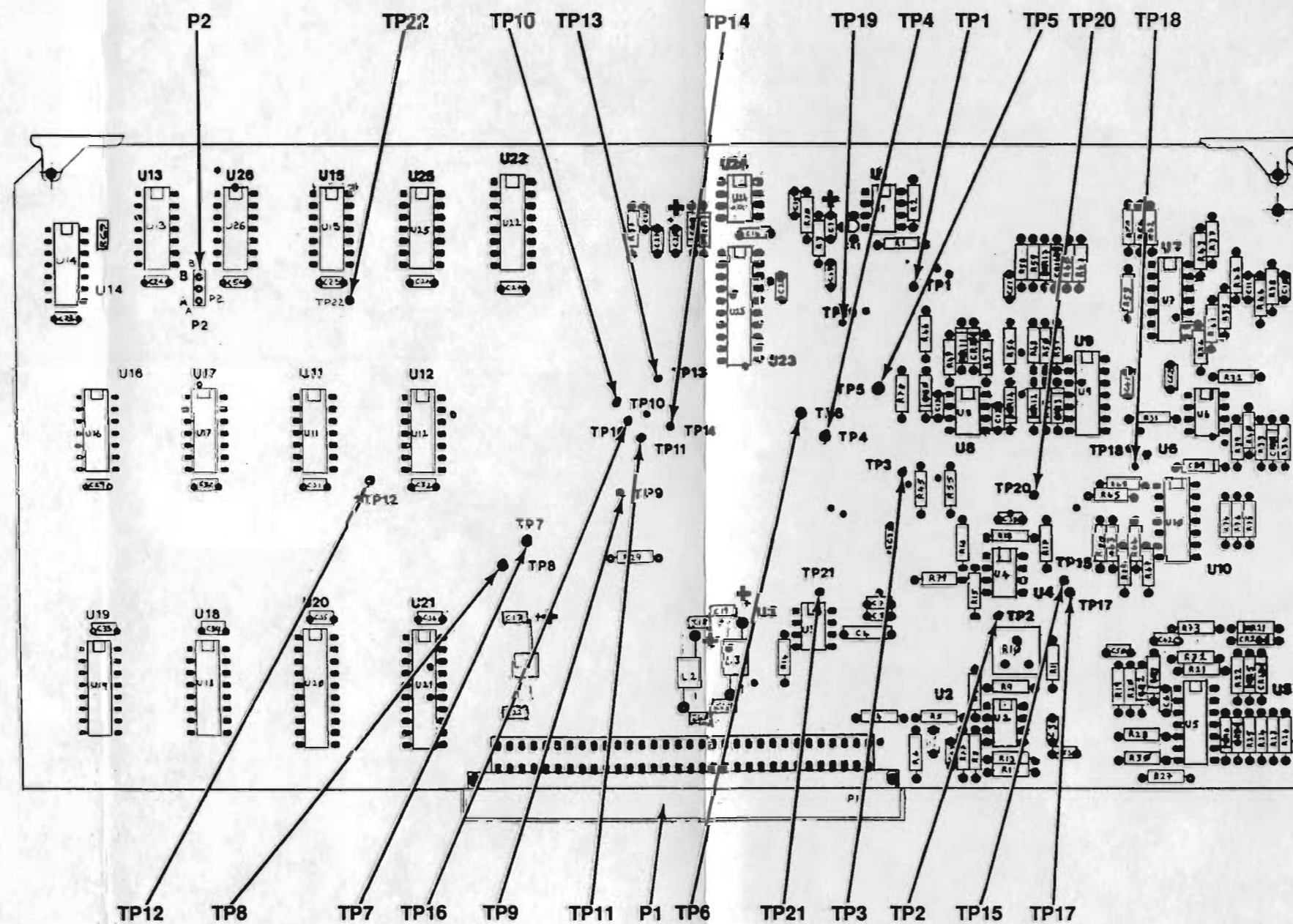


Figure 6D-3. A4 Sweeper Interface PCB Schematic Diagram (Sheet 1 of 3) 561-D-32514



Copy of Figure 6D-2. A4 Sweeper Interface PCB
Parts Locator Diagram
561-D-32514

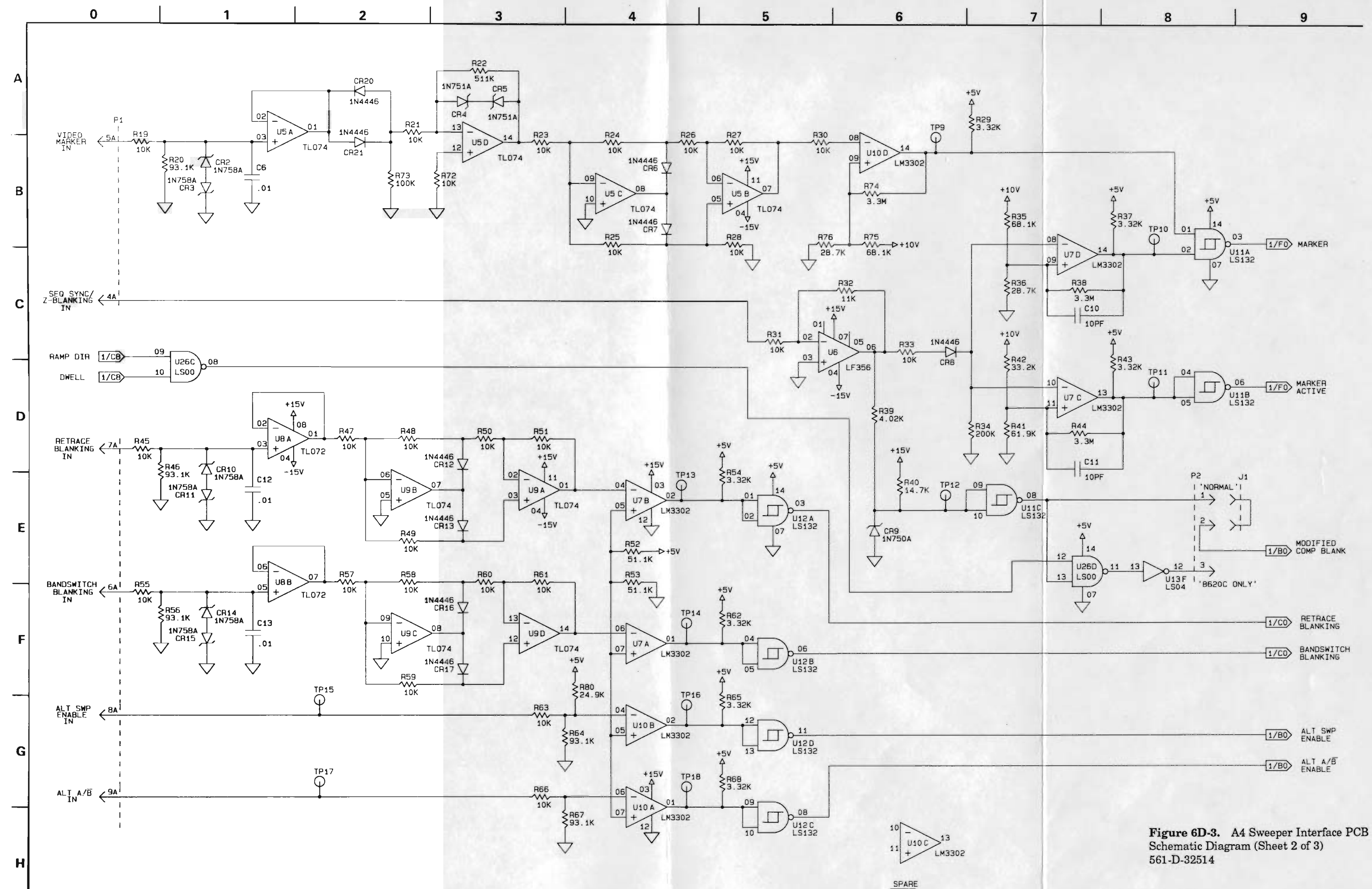
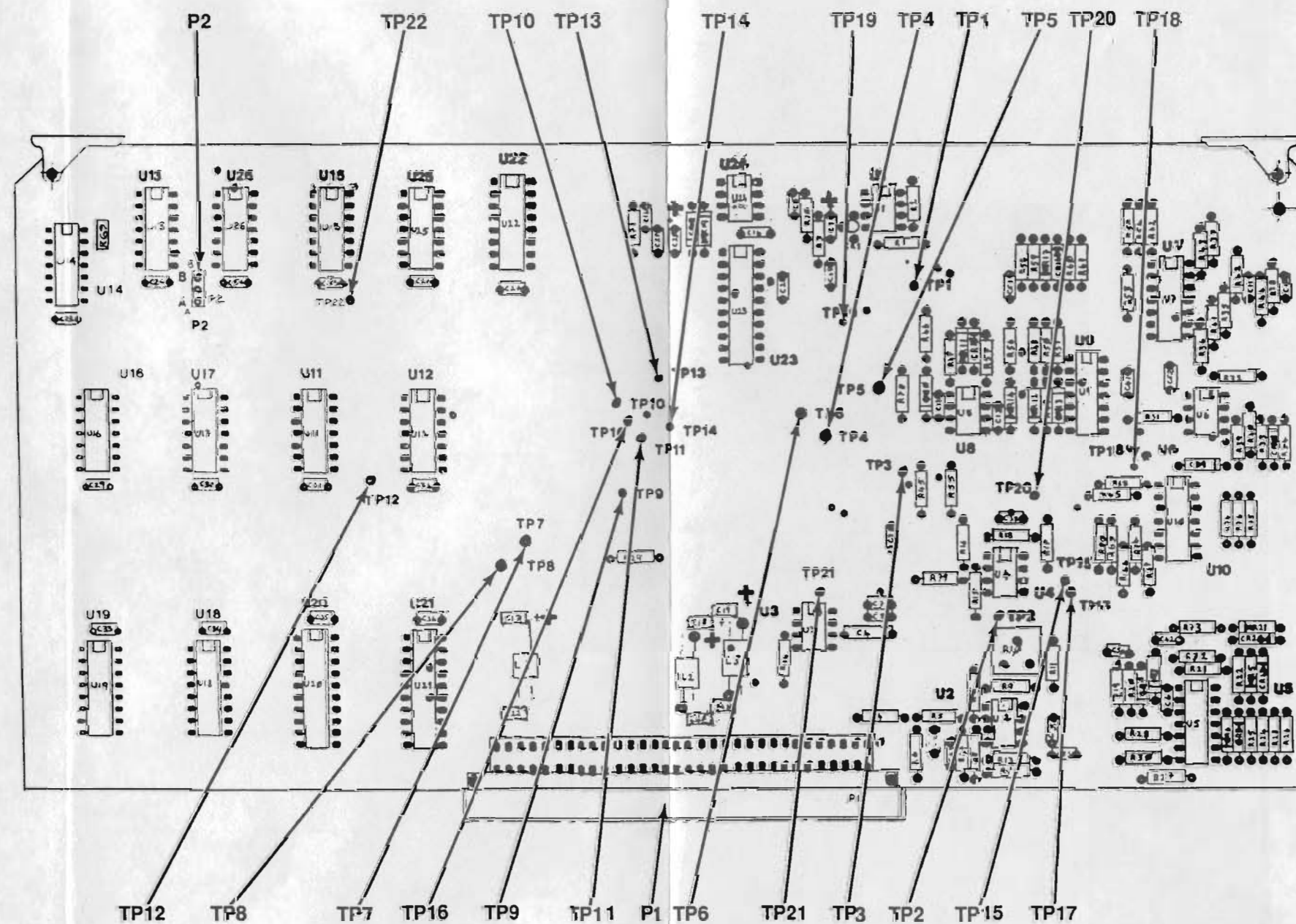


Figure 6D-3. A4 Sweeper Interface PCB
Schematic Diagram (Sheet 2 of 3)
561-D-32514



Copy of Figure 6D-2. A4 Sweeper Interface PCB
Parts Locator Diagram
561-D-32514

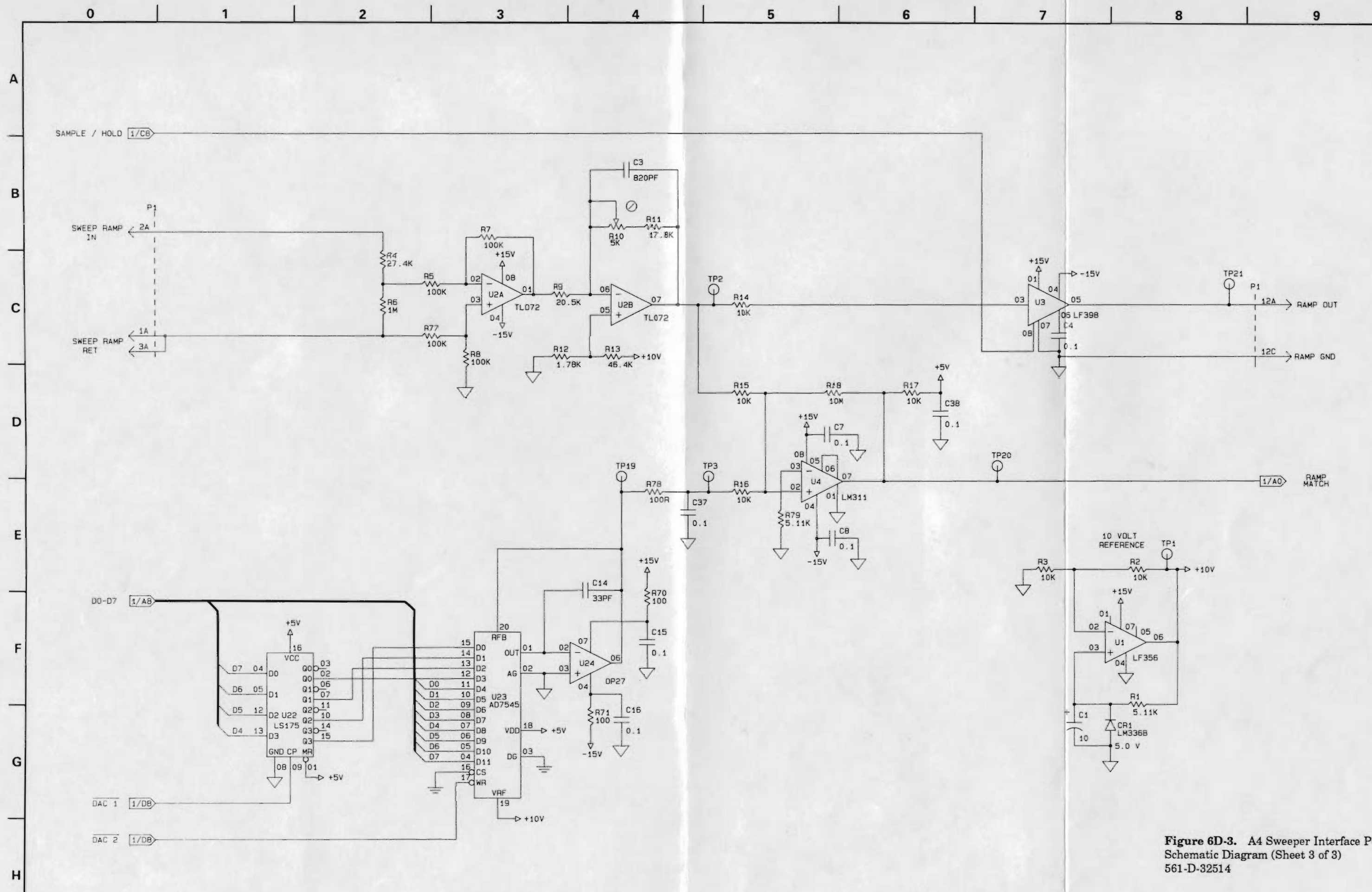


Figure 6D-3. A4 Sweeper Interface PCB
Schematic Diagram (Sheet 3 of 3)
561-D-32514

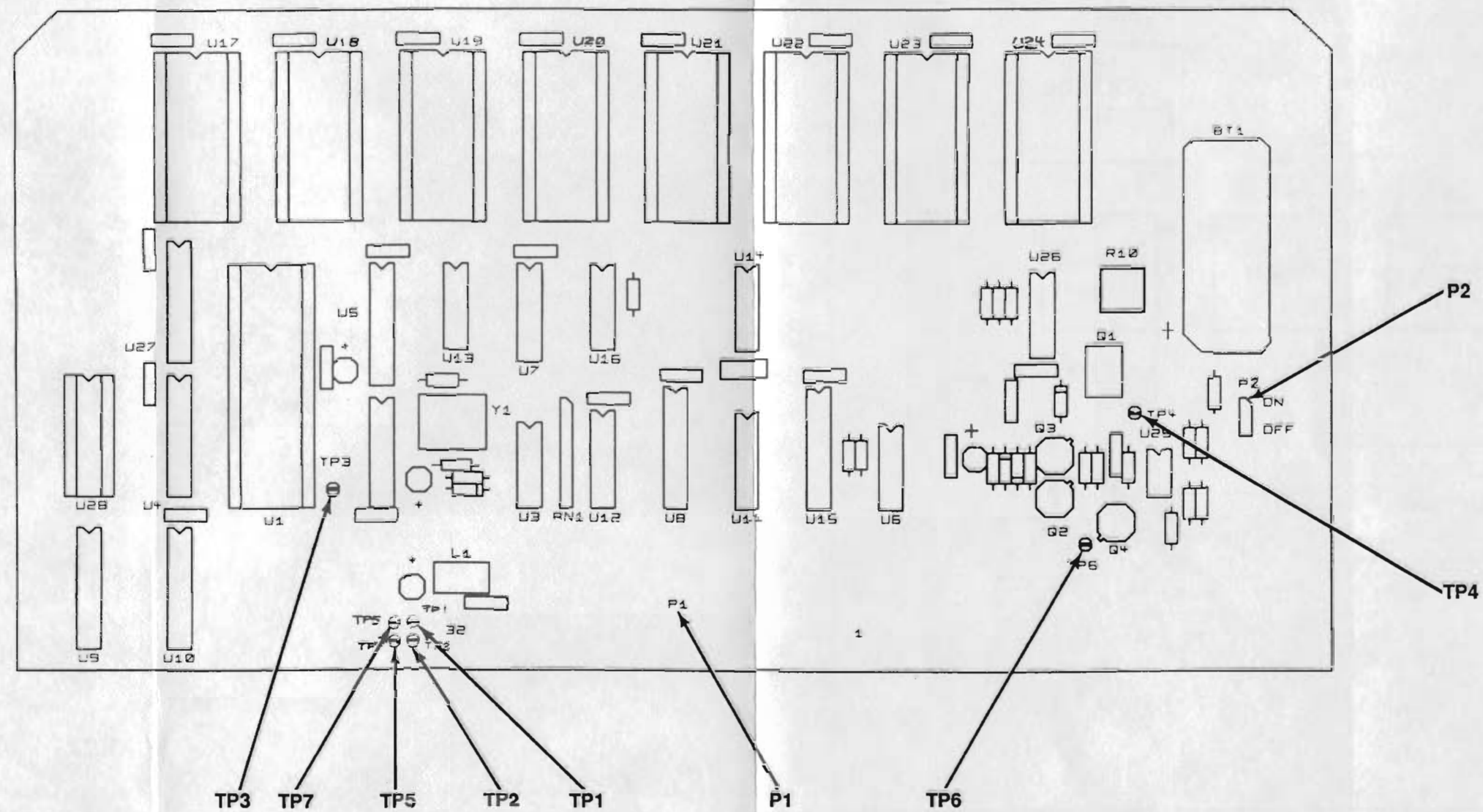


Figure 6E-3. A5 CPU PCB
Parts Locator Diagram
561-D-32515

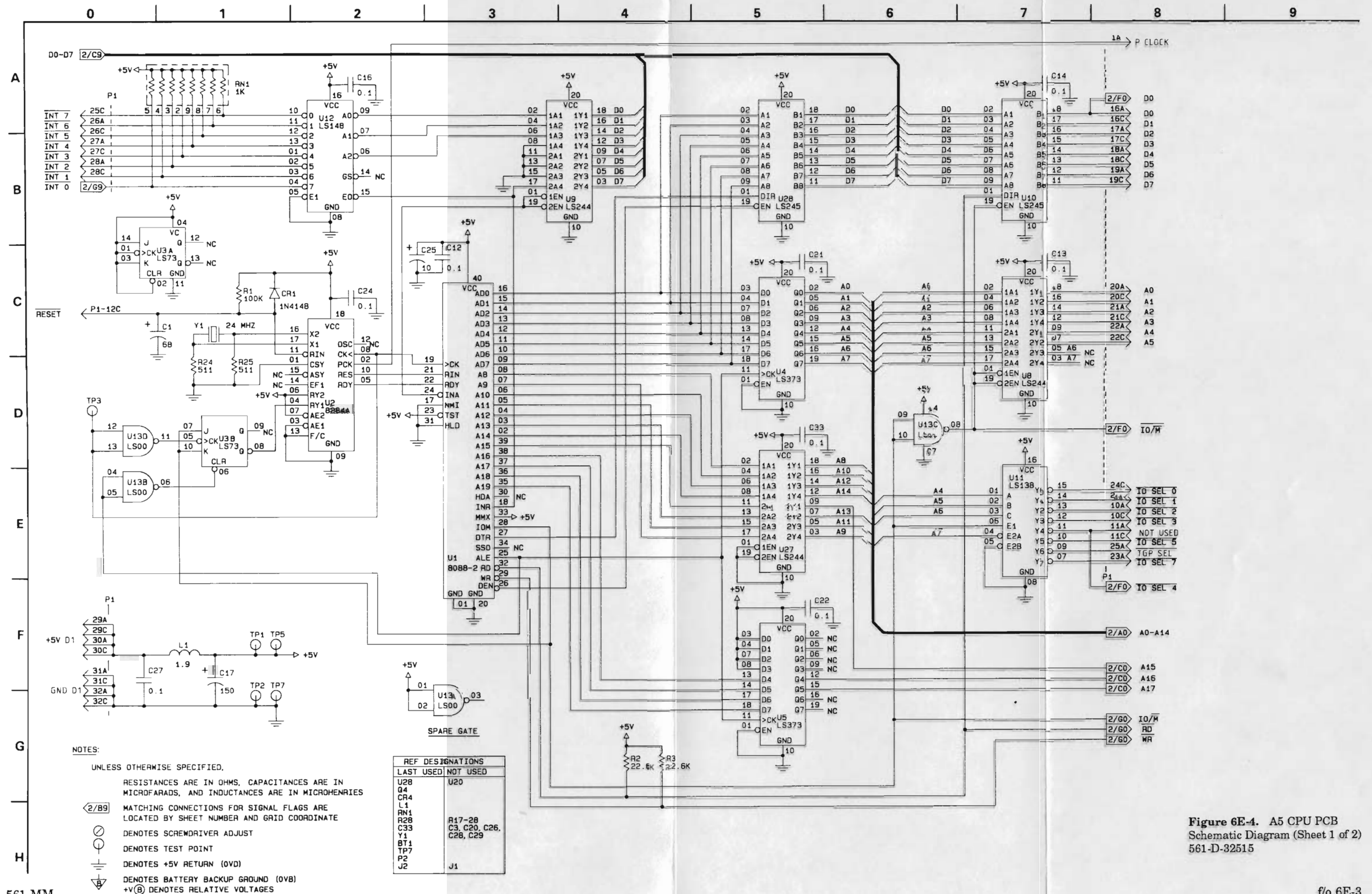
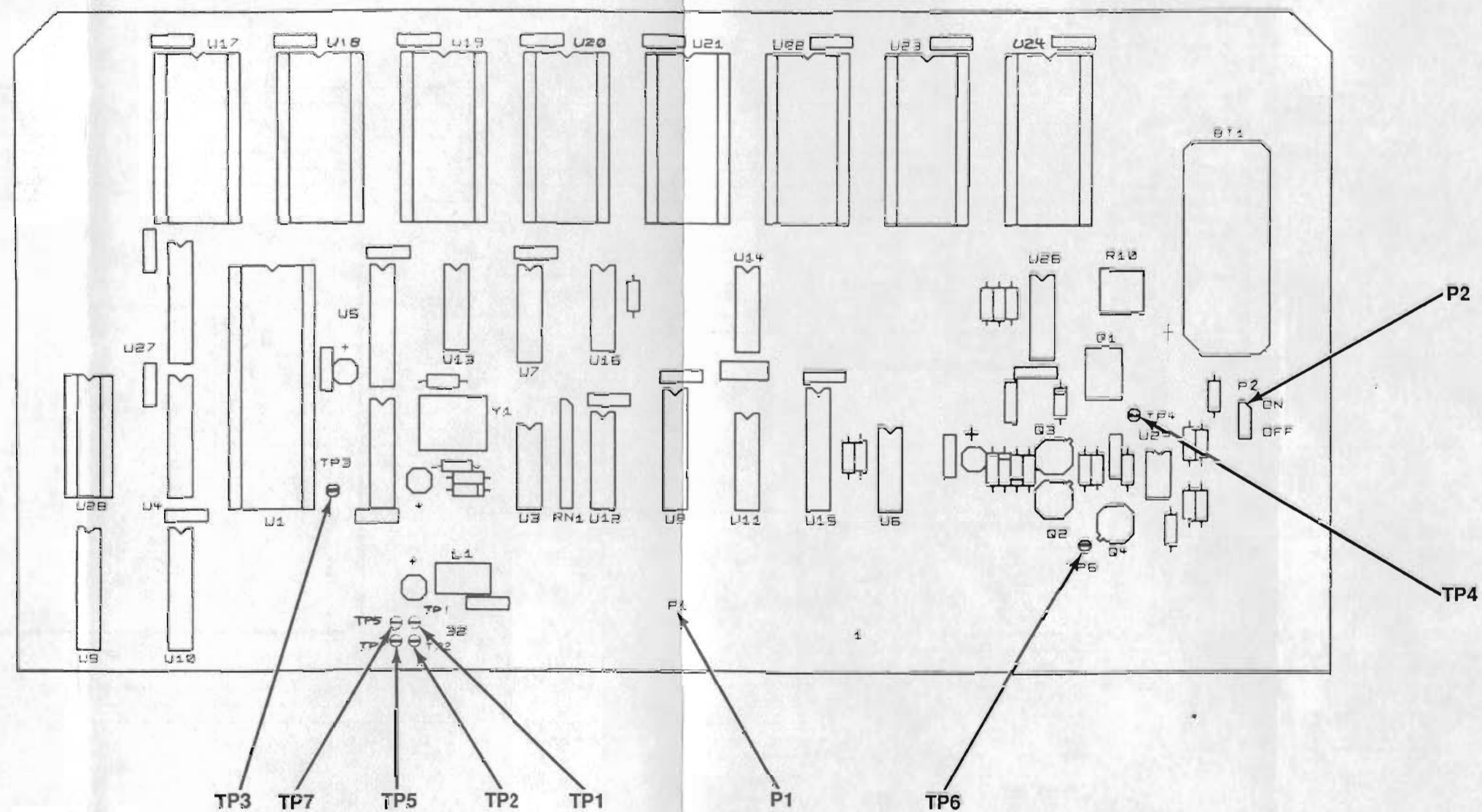
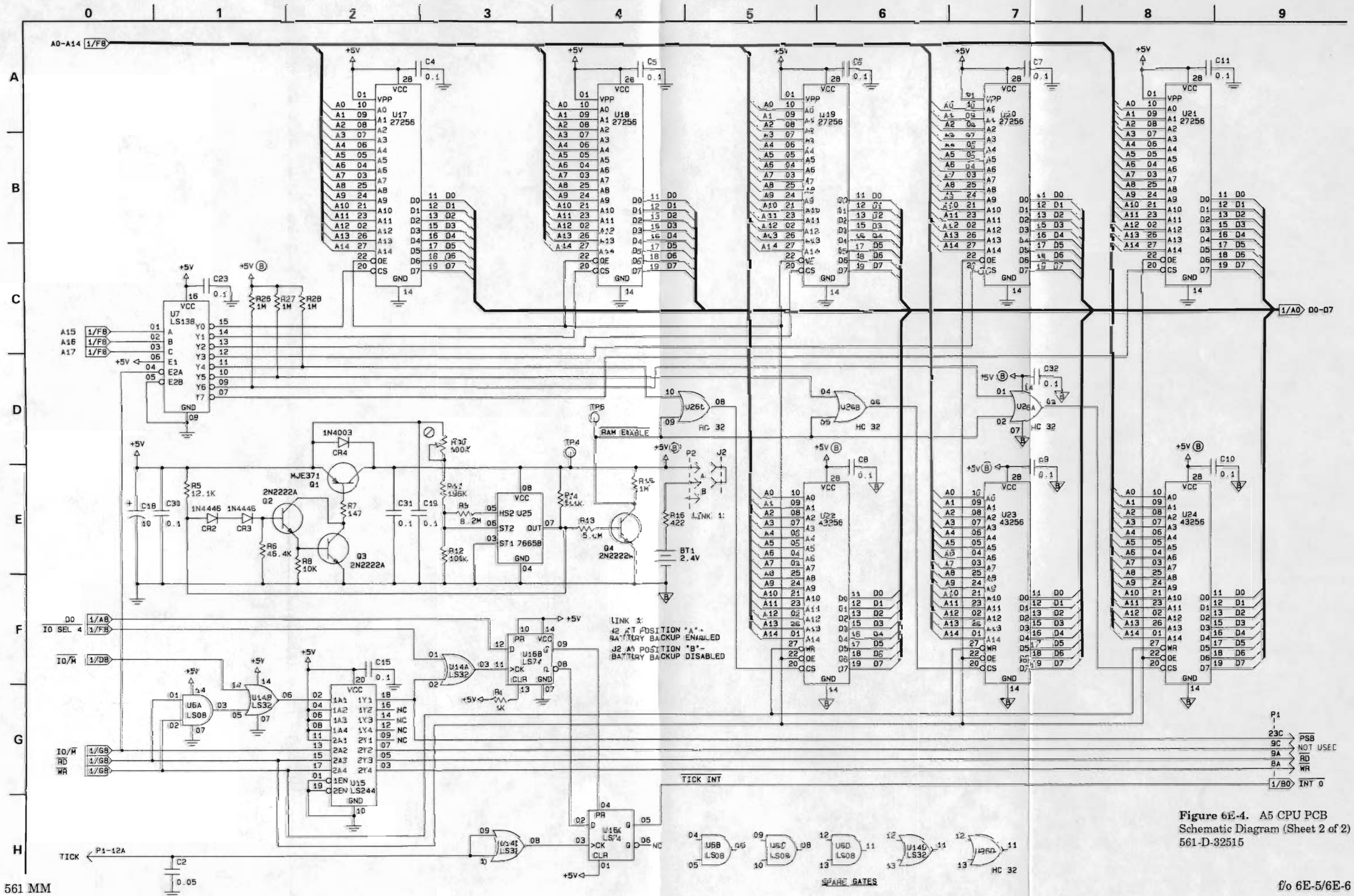


Figure 6E-4. A5 CPU PCB
 Schematic Diagram (Sheet 1 of 2)
 561-D-32515



Copy of Figure 6E-3. A5 CPU PCB
Parts Locator Diagram
561-D-32515



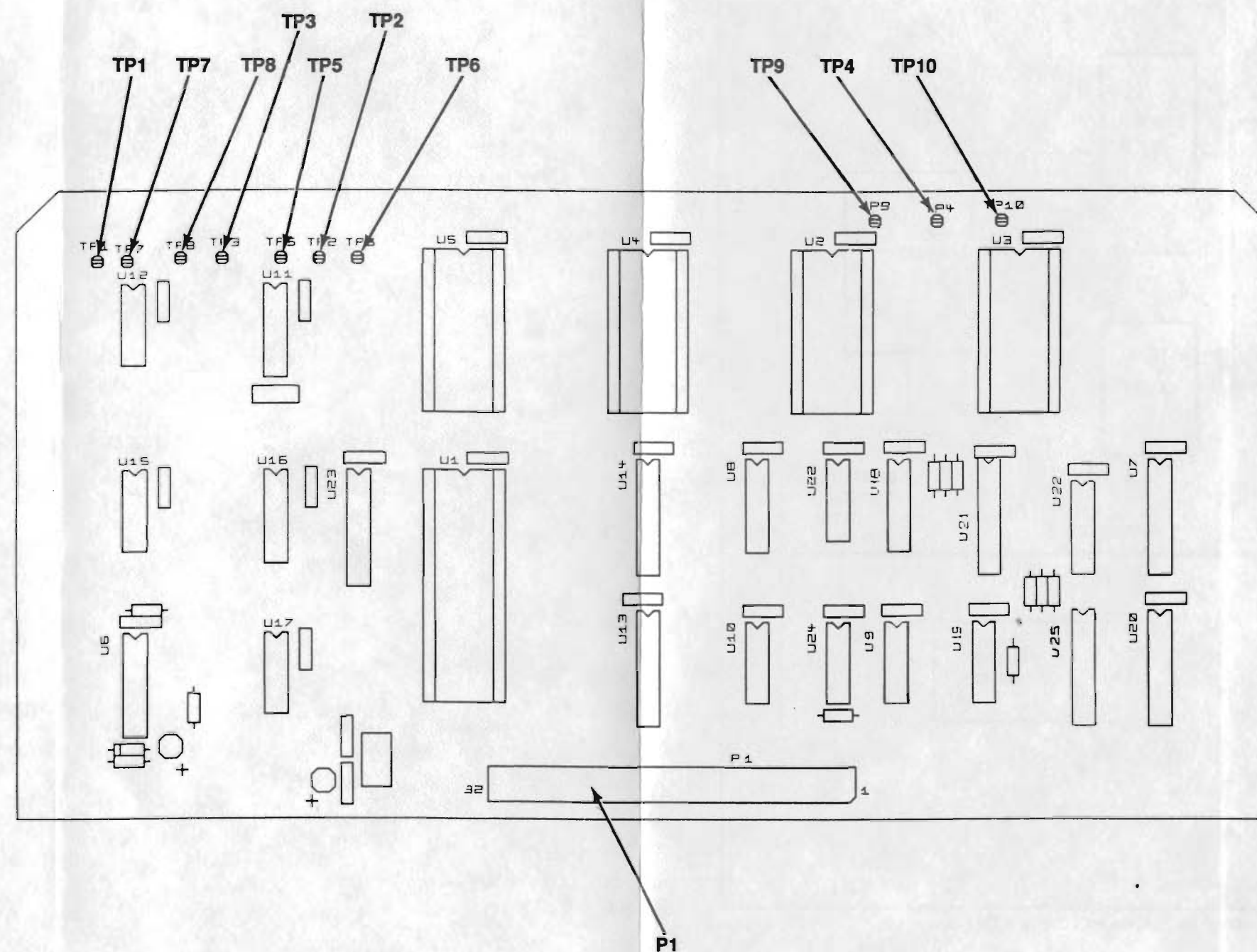
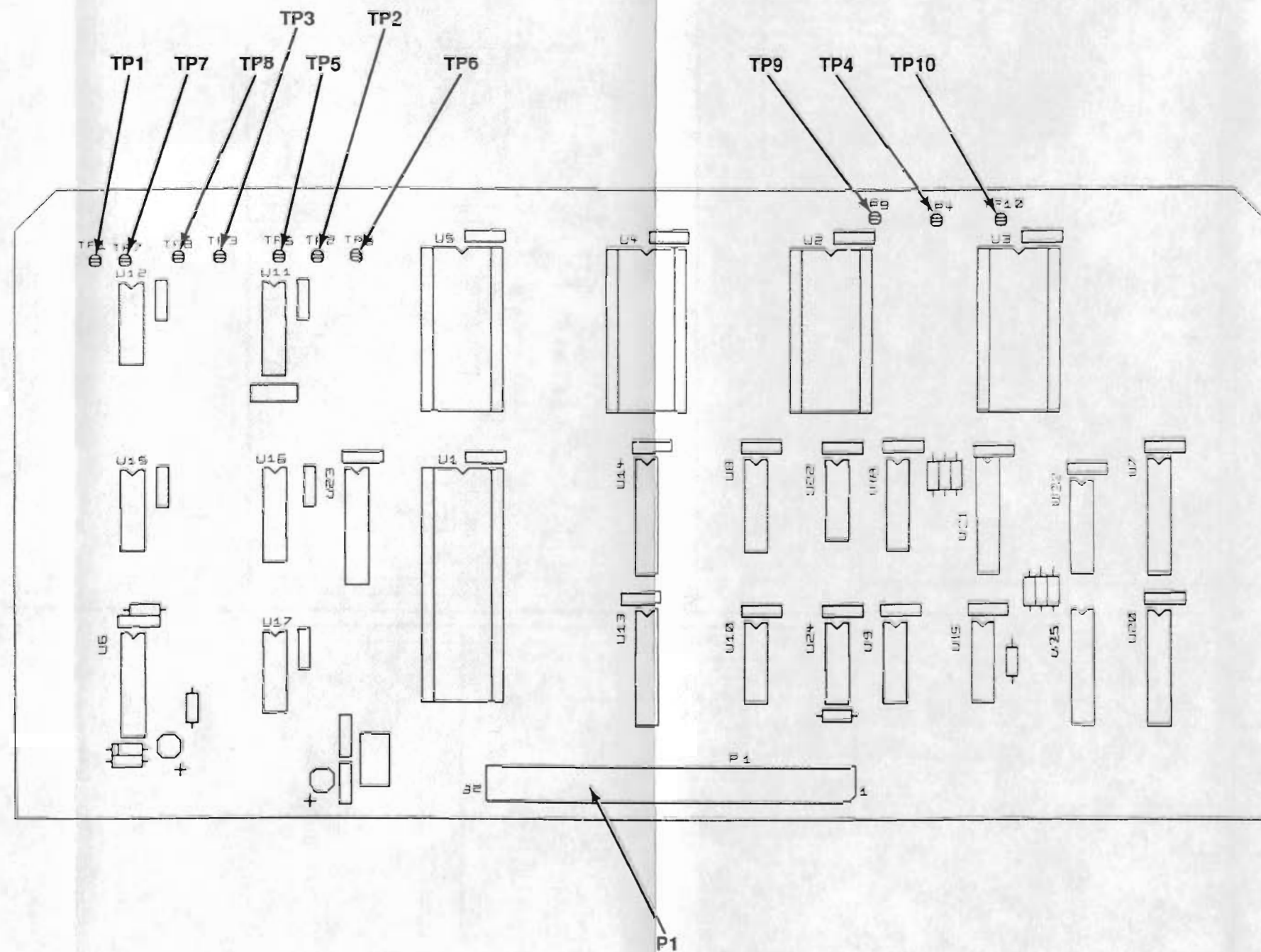


Figure 6F-2. A6 Text and Graphics Processor PCB
Parts Locator Diagram
561-D-32516



Copy of Figure 6F-2. A6 Text and Graphics PCB
Parts Locator Diagram
561-D-32516

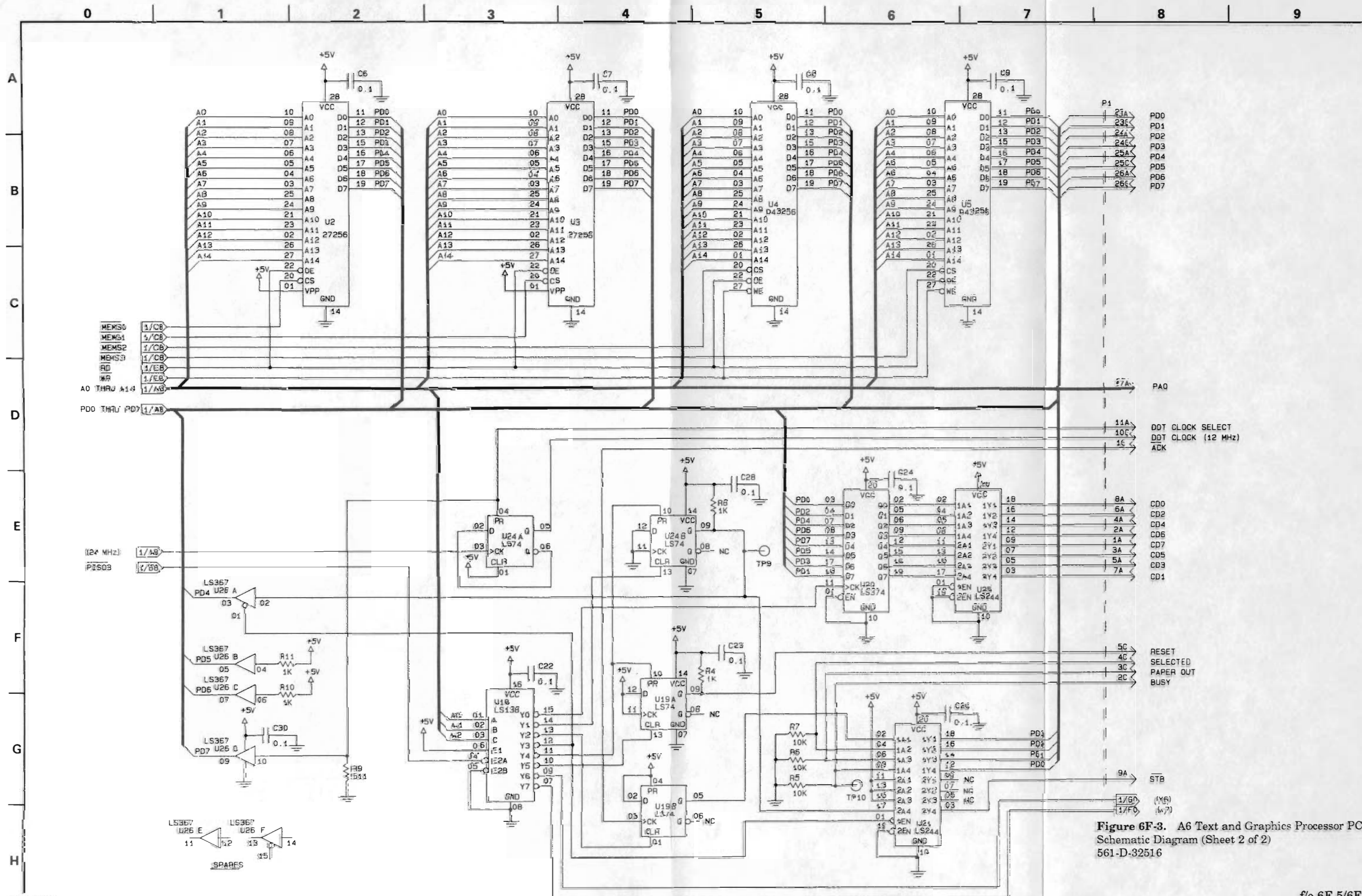


Figure 6F-3. A6 Text and Graphics Processor PCB
Schematic Diagram (Sheet 2 of 2)
561-D-32516

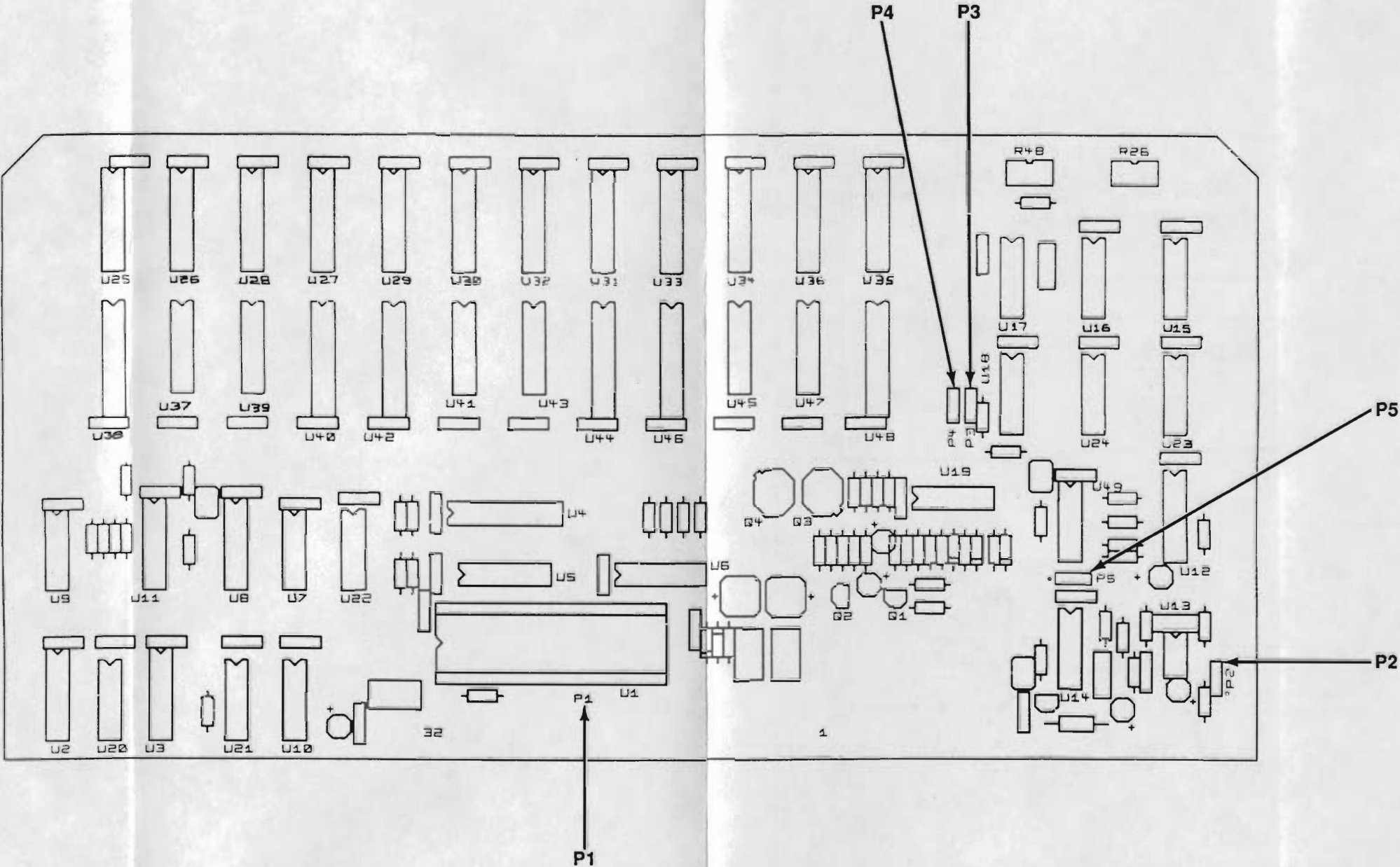


Figure 6G-2. A7 Video Display Processor PCB
Parts Locator Diagram
561-D-32517

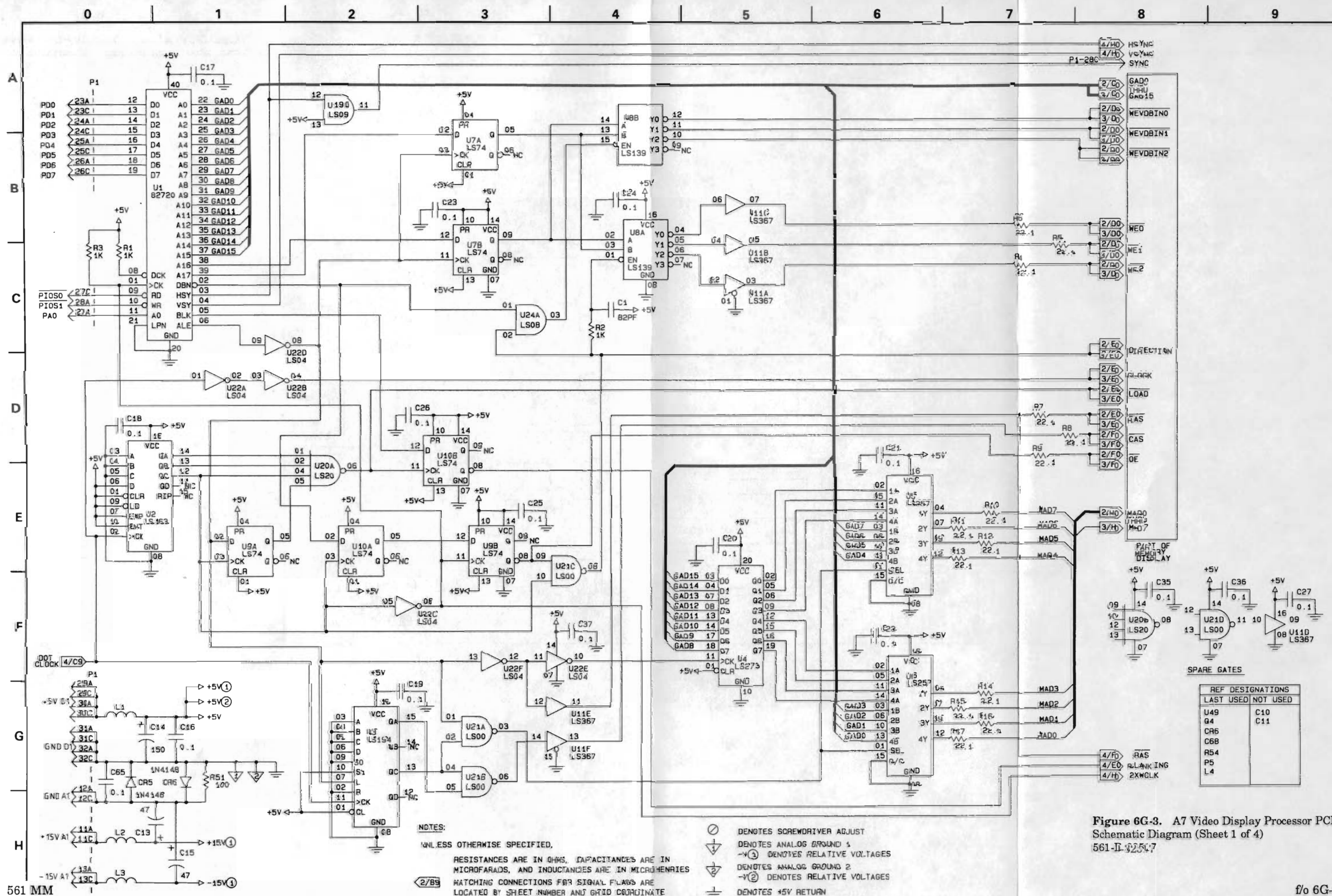
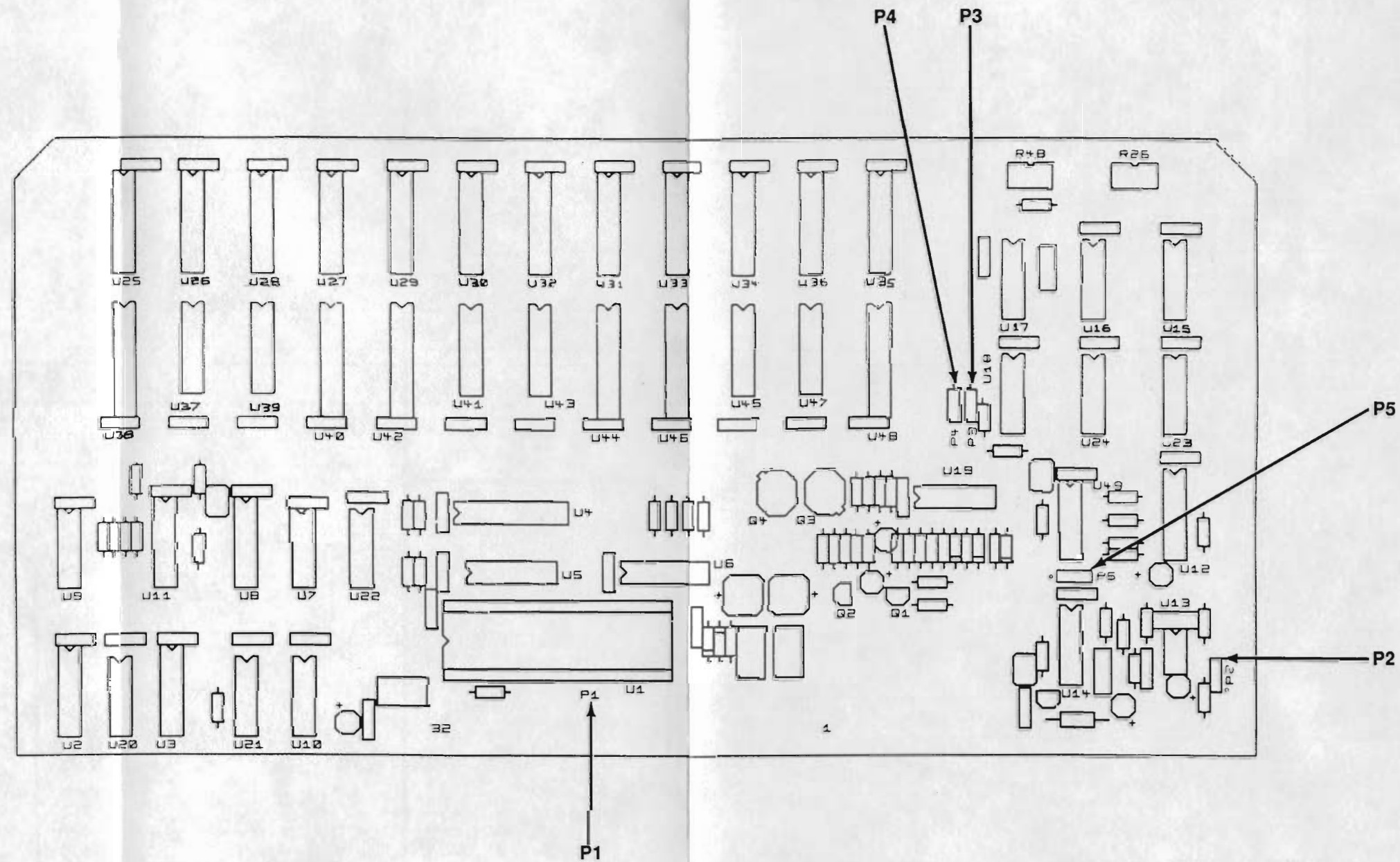


Figure 6G-3. A7 Video Display Processor PCB Schematic Diagram (Sheet 1 of 4)
561-II-22517



Copy of Figure 6G-2. A7 Video Display Processor PCB
Parts Locator Diagram
561-D-32517

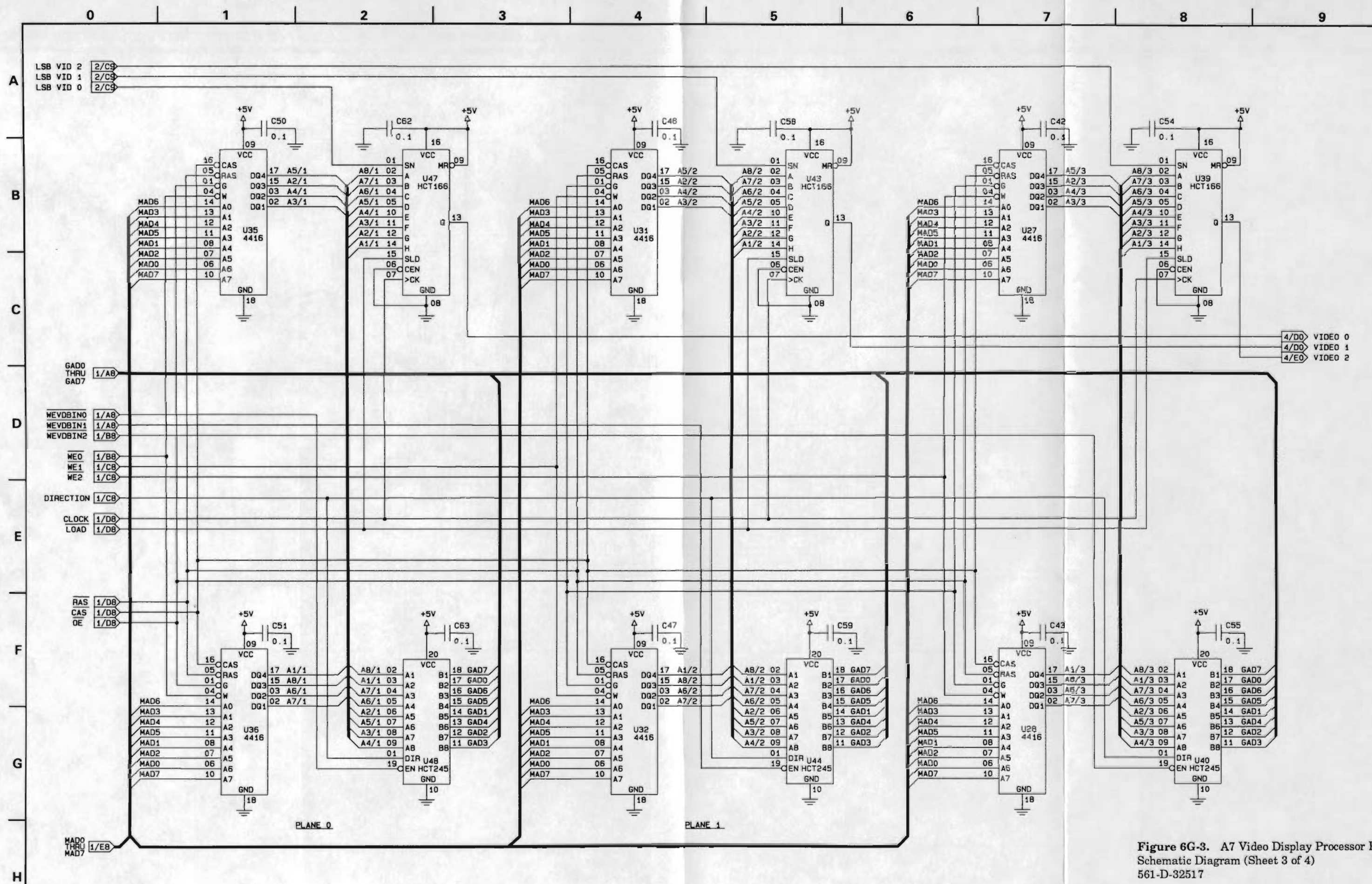
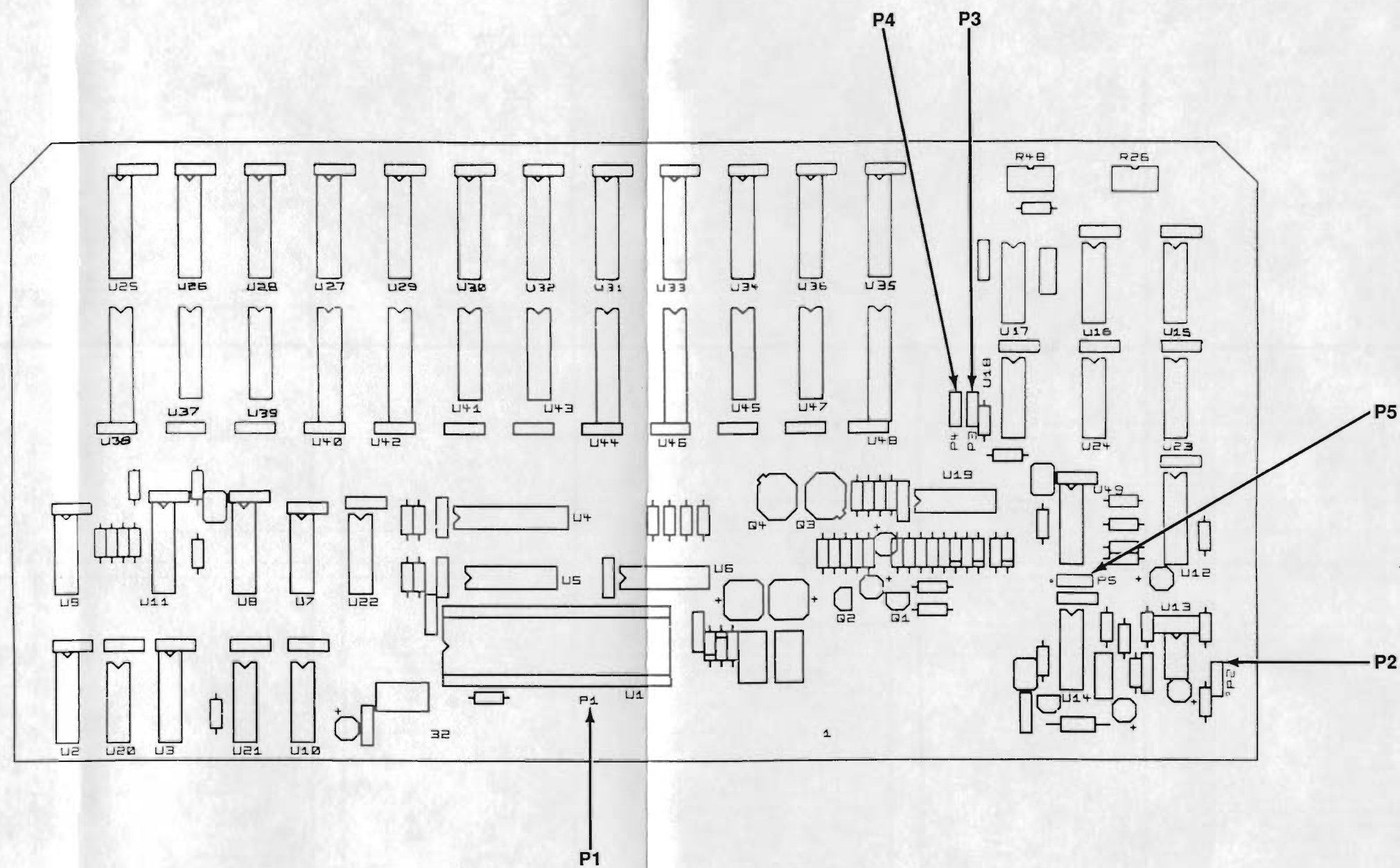


Figure 6G-3. A7 Video Display Processor PCB
Schematic Diagram (Sheet 3 of 4)
561-D-32517



Copy of Figure 6G-2. A7 Video Display Processor PCB
Parts Locator Diagram
561-D-32517

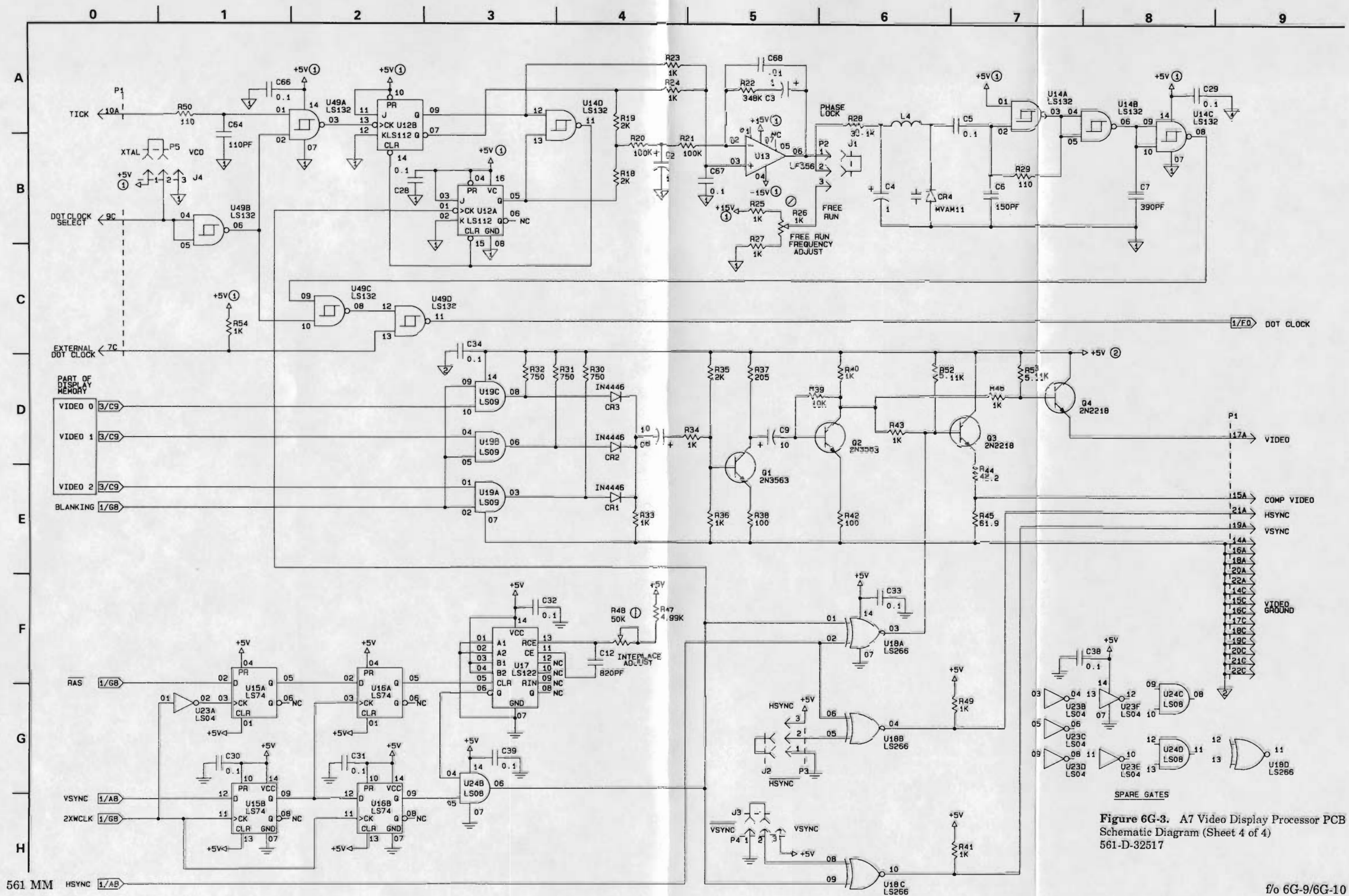


Figure 6G-3. A7 Video Display Processor PCB Schematic Diagram (Sheet 4 of 4)
561-D-32517

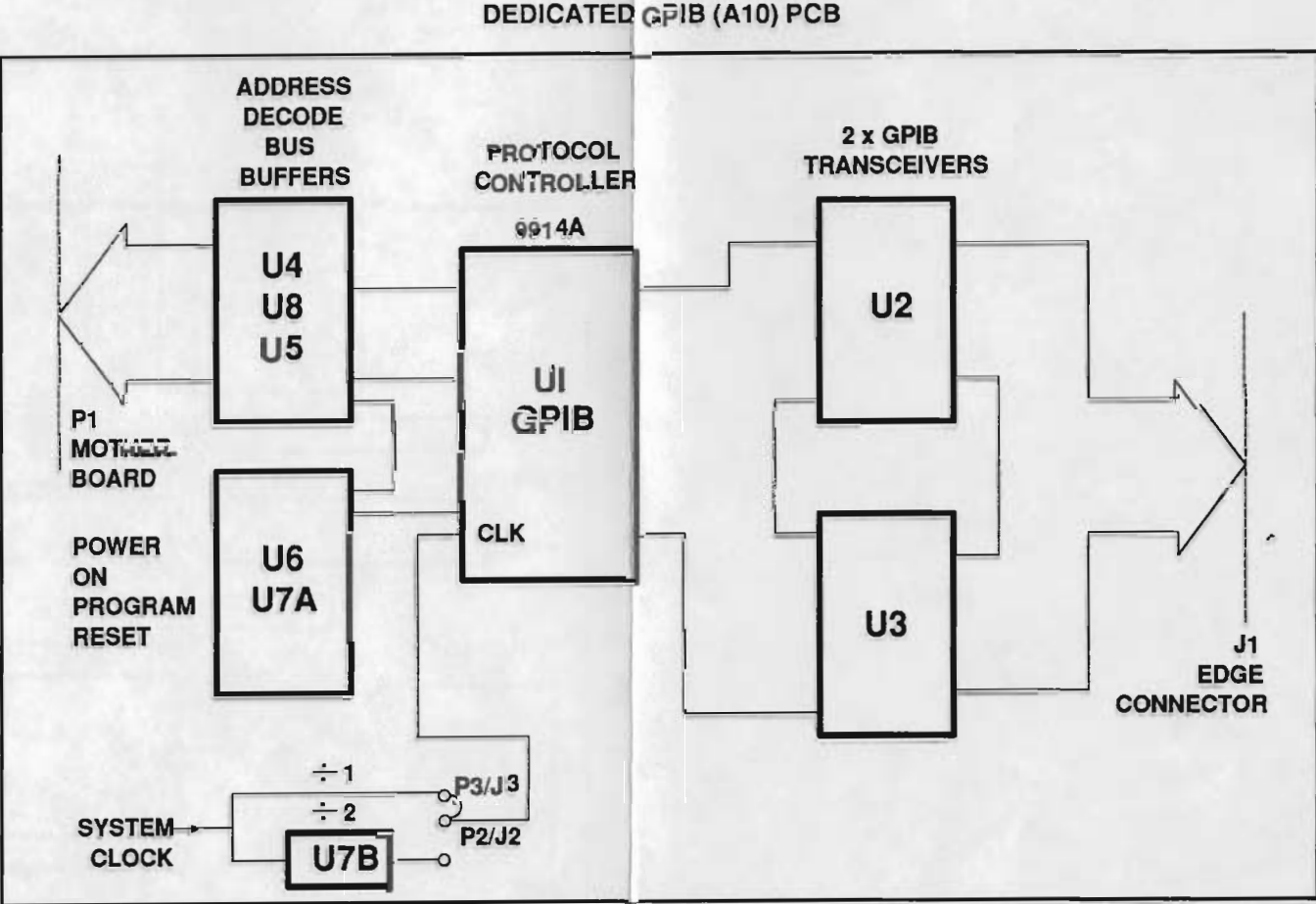
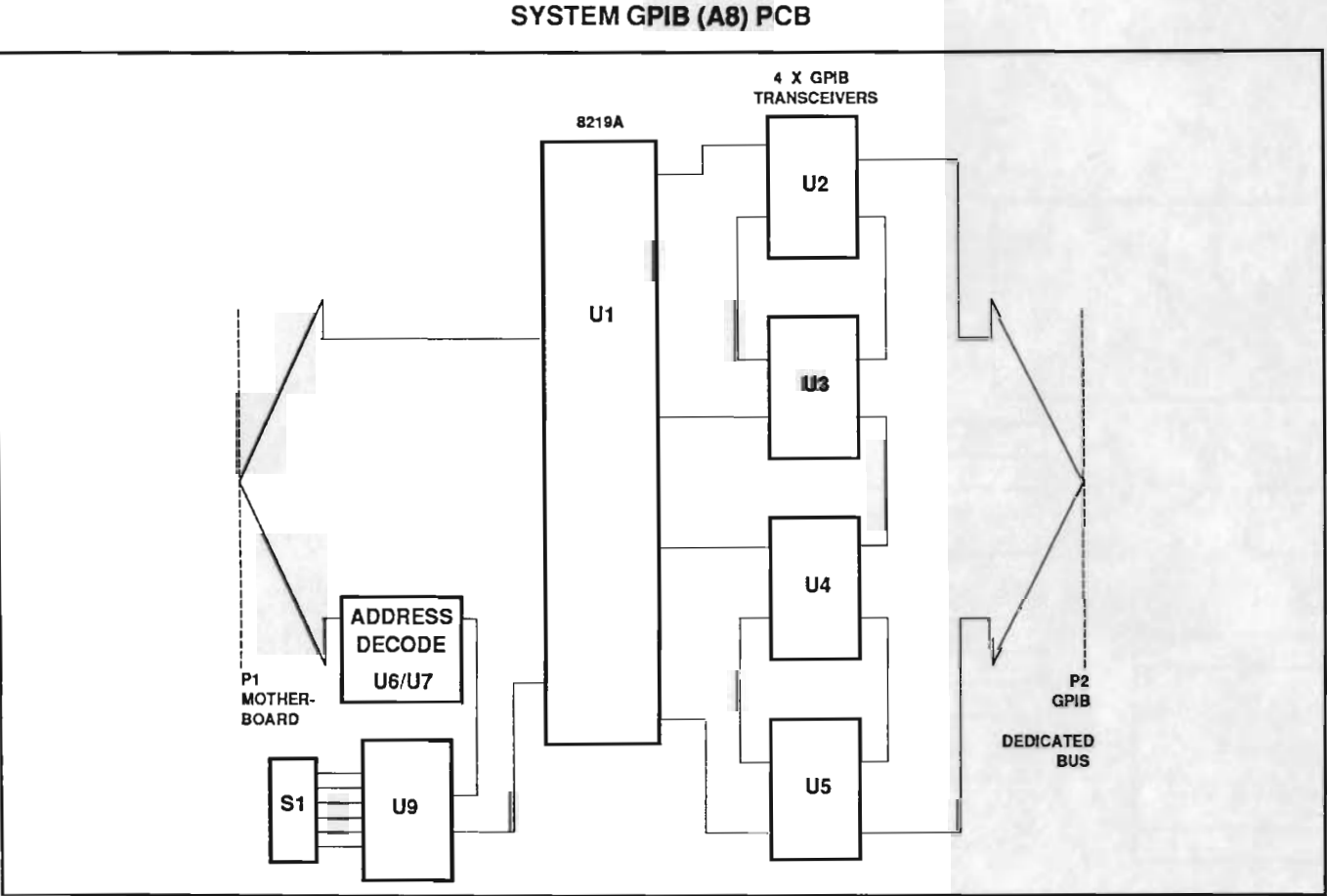


Figure 6H-1. GPIB Assembly (A8 and A10 PCBs)
Block Diagram

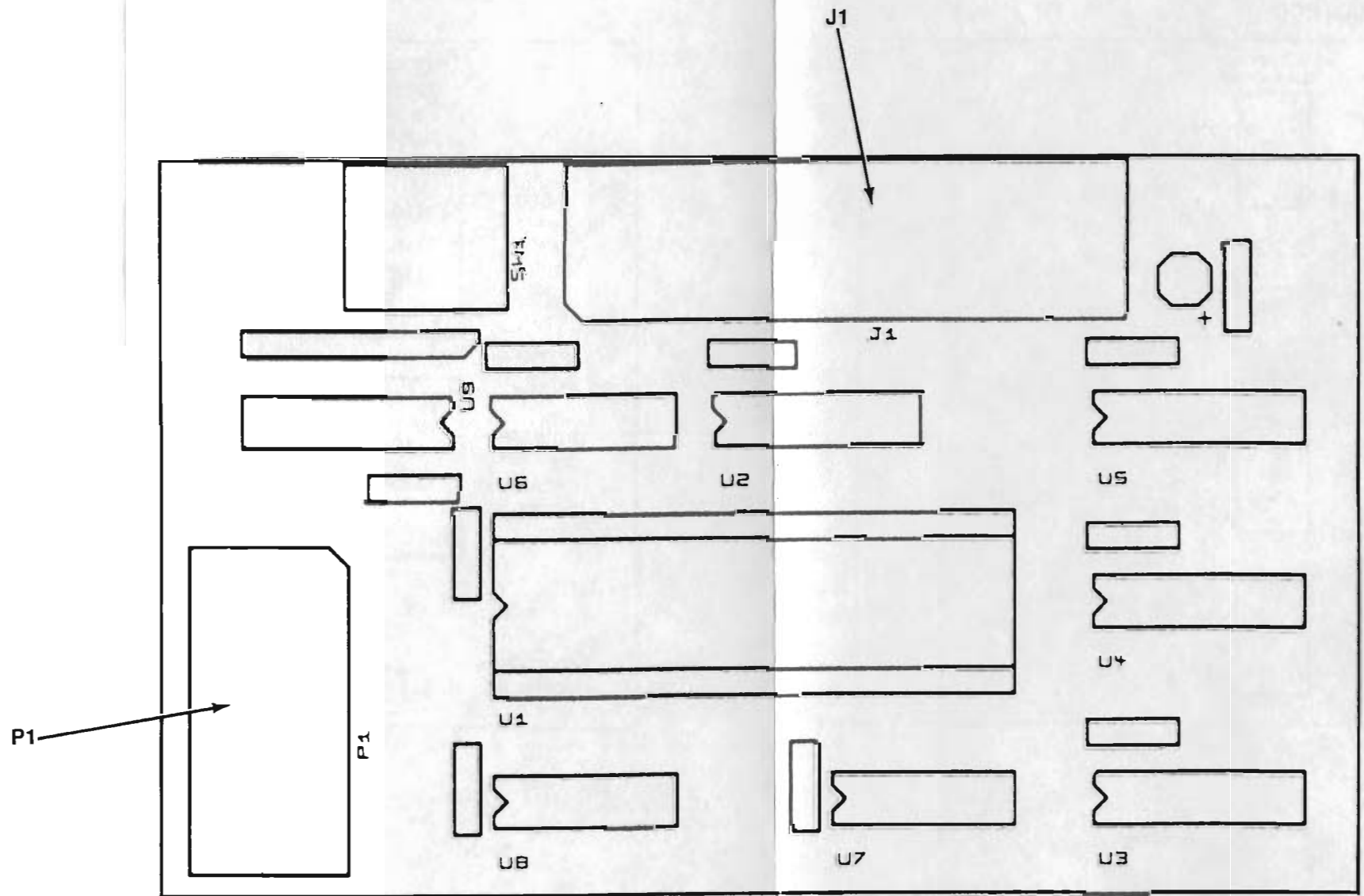


Figure 6H-2. A8 System GPIB PCB
Parts Locator Diagram
561-D-32518

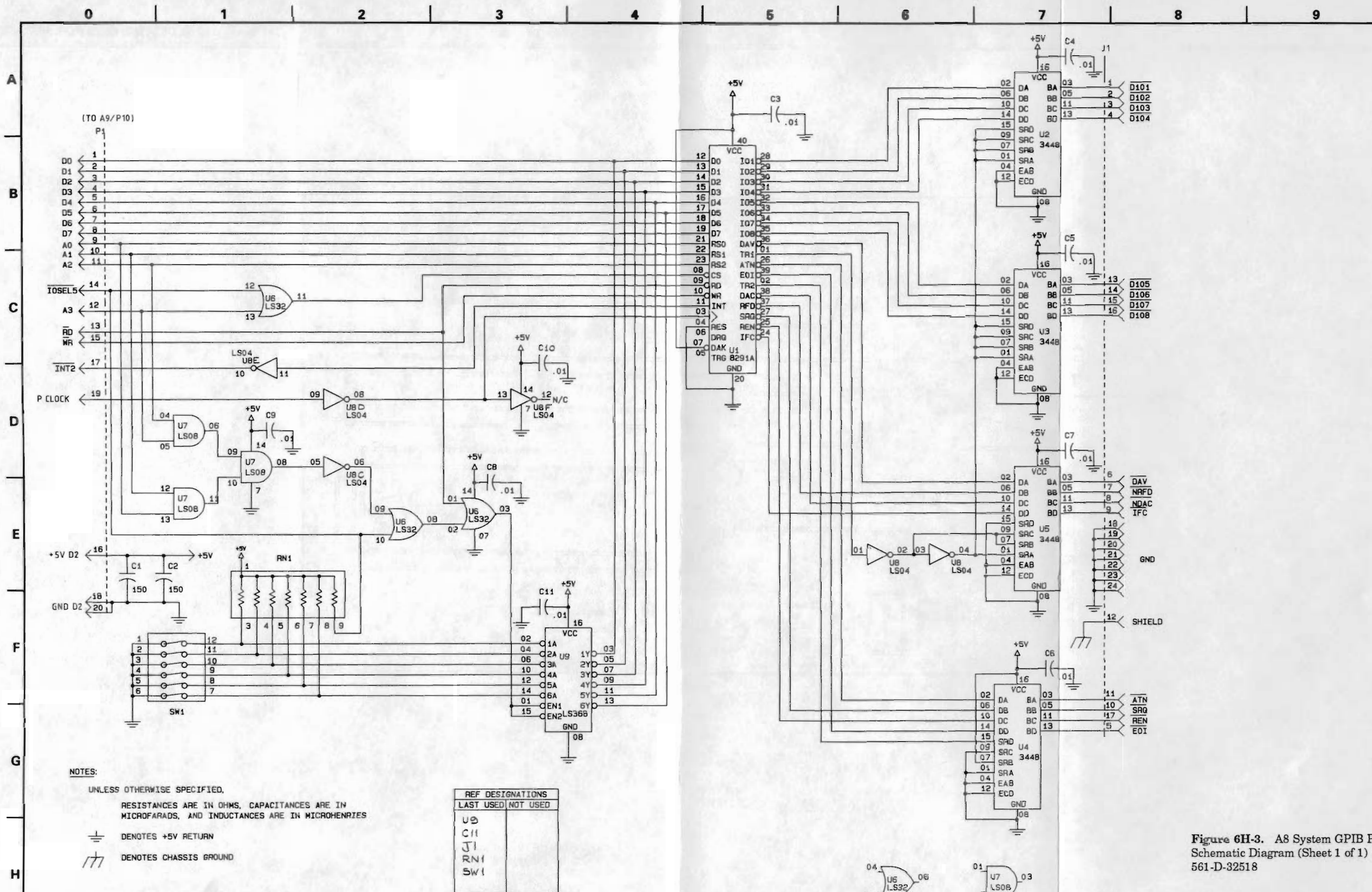


Figure 6H-3. A8 System GPIB PCB
 Schematic Diagram (Sheet 1 of 1)
 561-D-32518

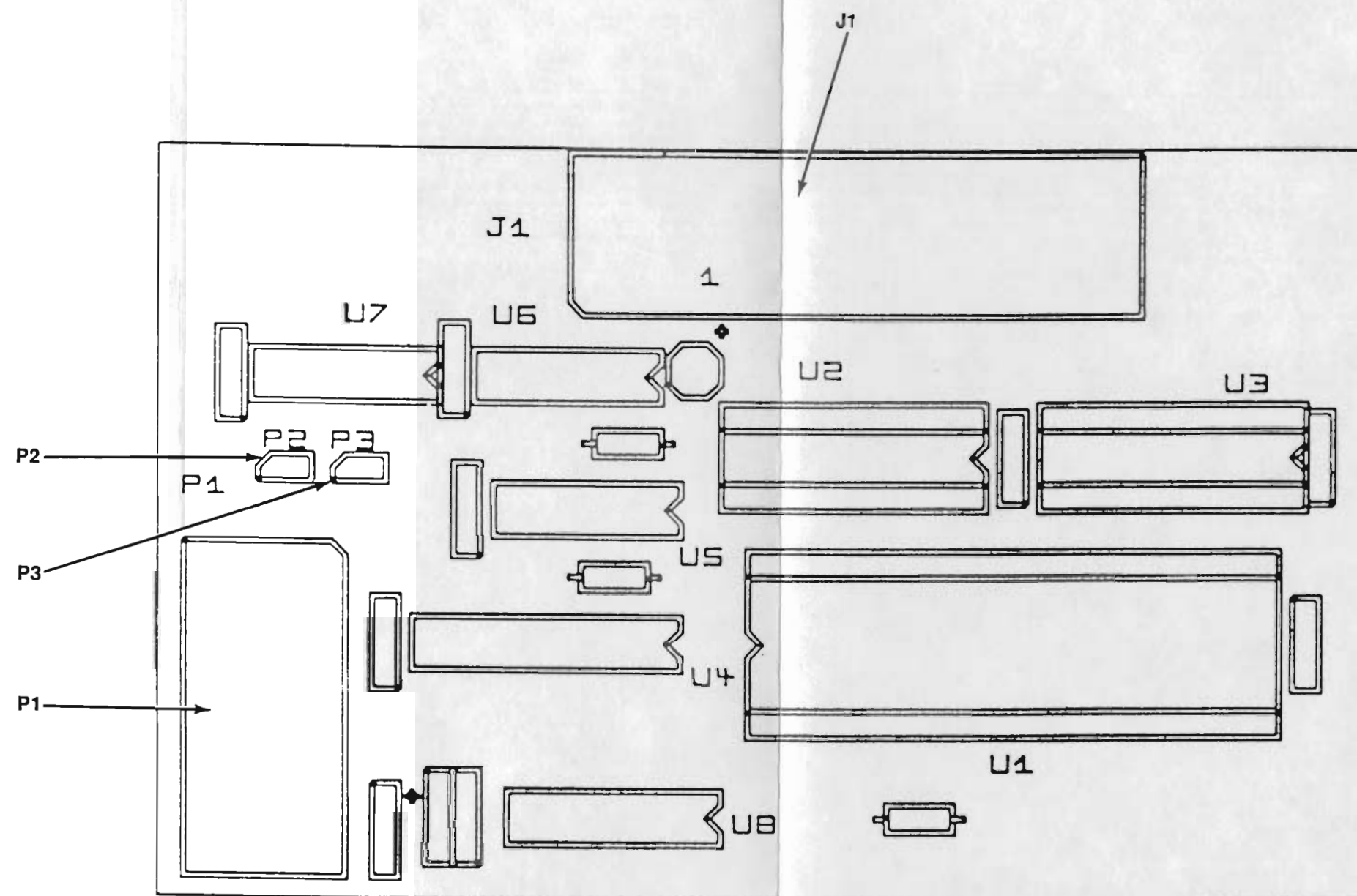
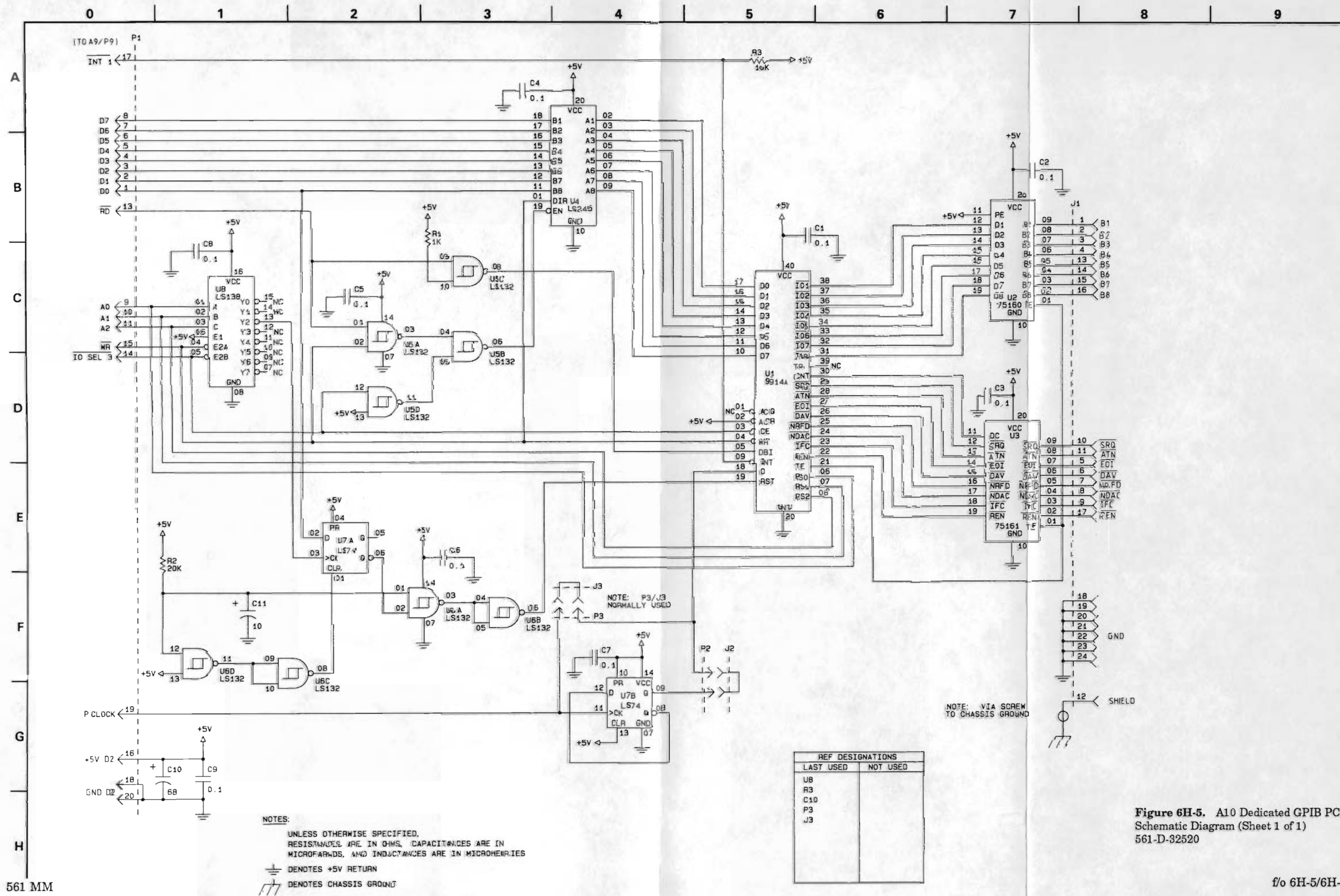


Figure 6H-4. A10 Dedicated GPIB PCB
Parts Locator Diagram
561-D-32520



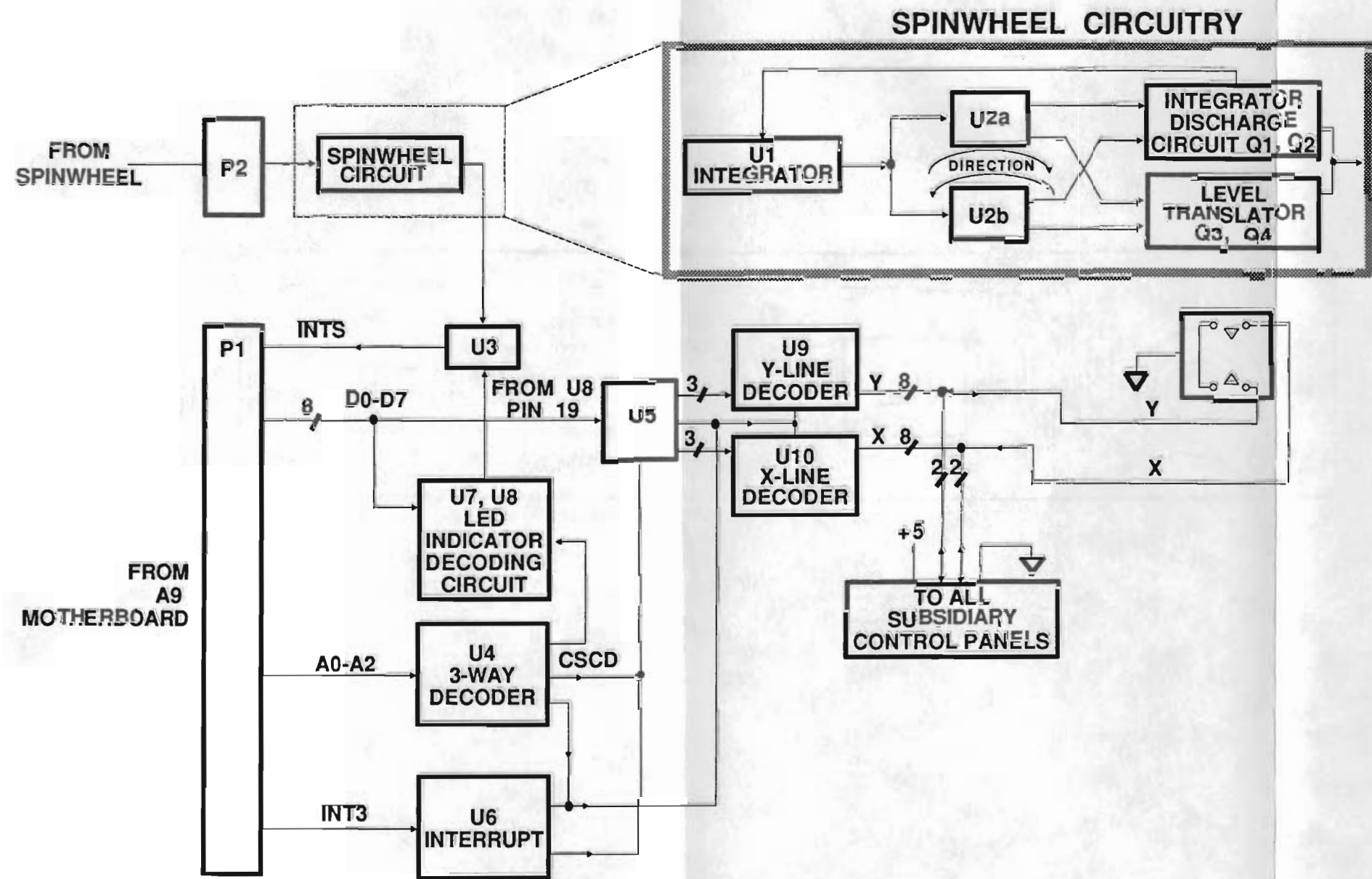


Figure 6I-2. Front Panel Assembly
(A11 Switch Mounting and A13 Front Panel PCBs)
Block Diagram

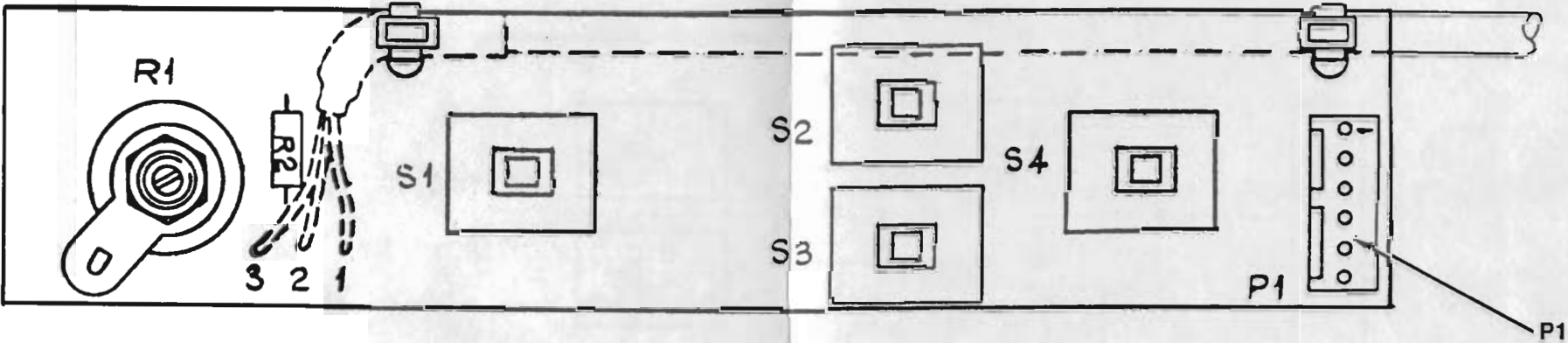


Figure 6I-3. A11 Switch Mounting PCB
Parts Locator Diagram
561-D-32523

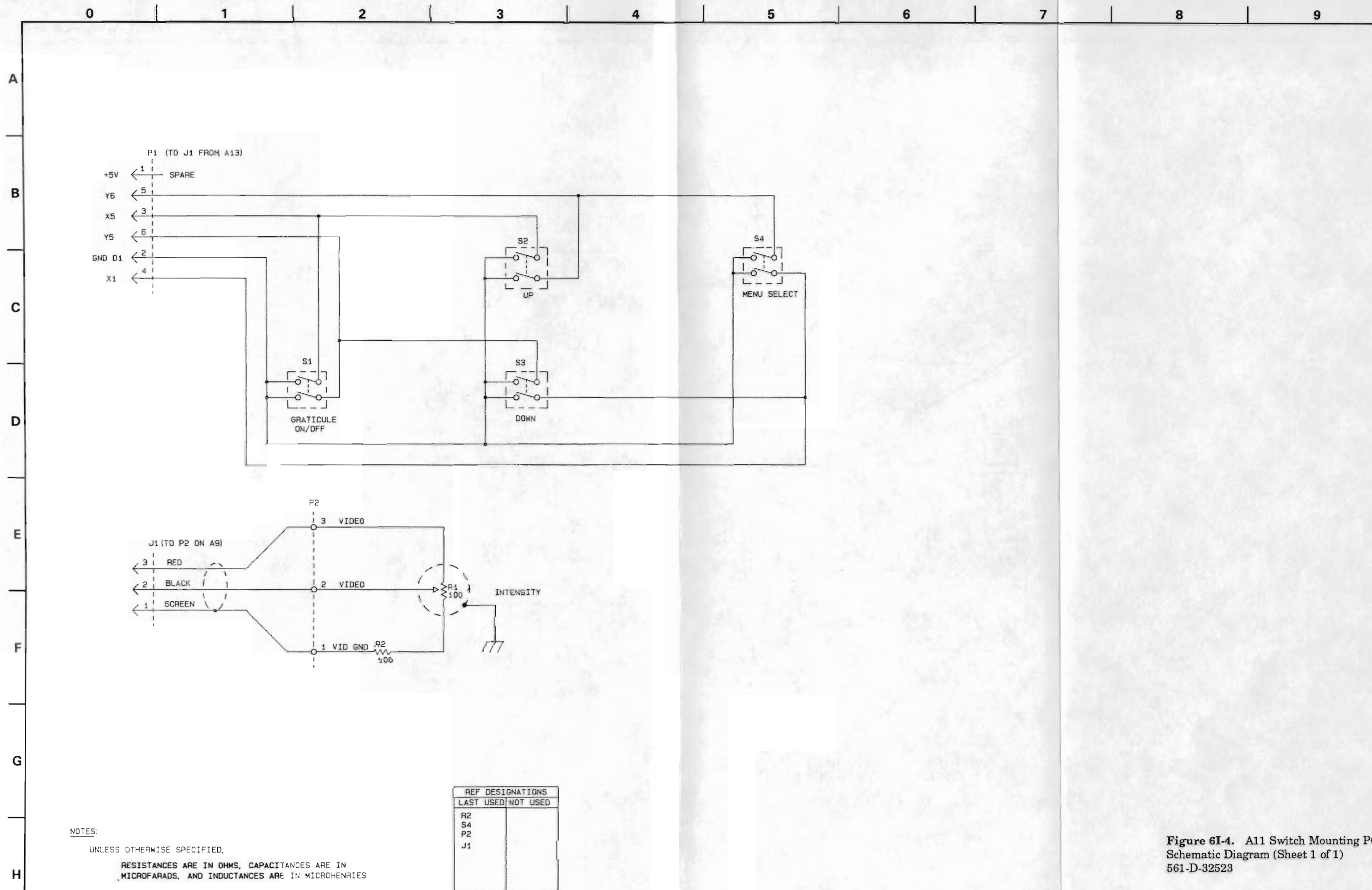


Figure 6I-4. A11 Switch Mounting PCB
Schematic Diagram (Sheet 1 of 1)
561-D-32523

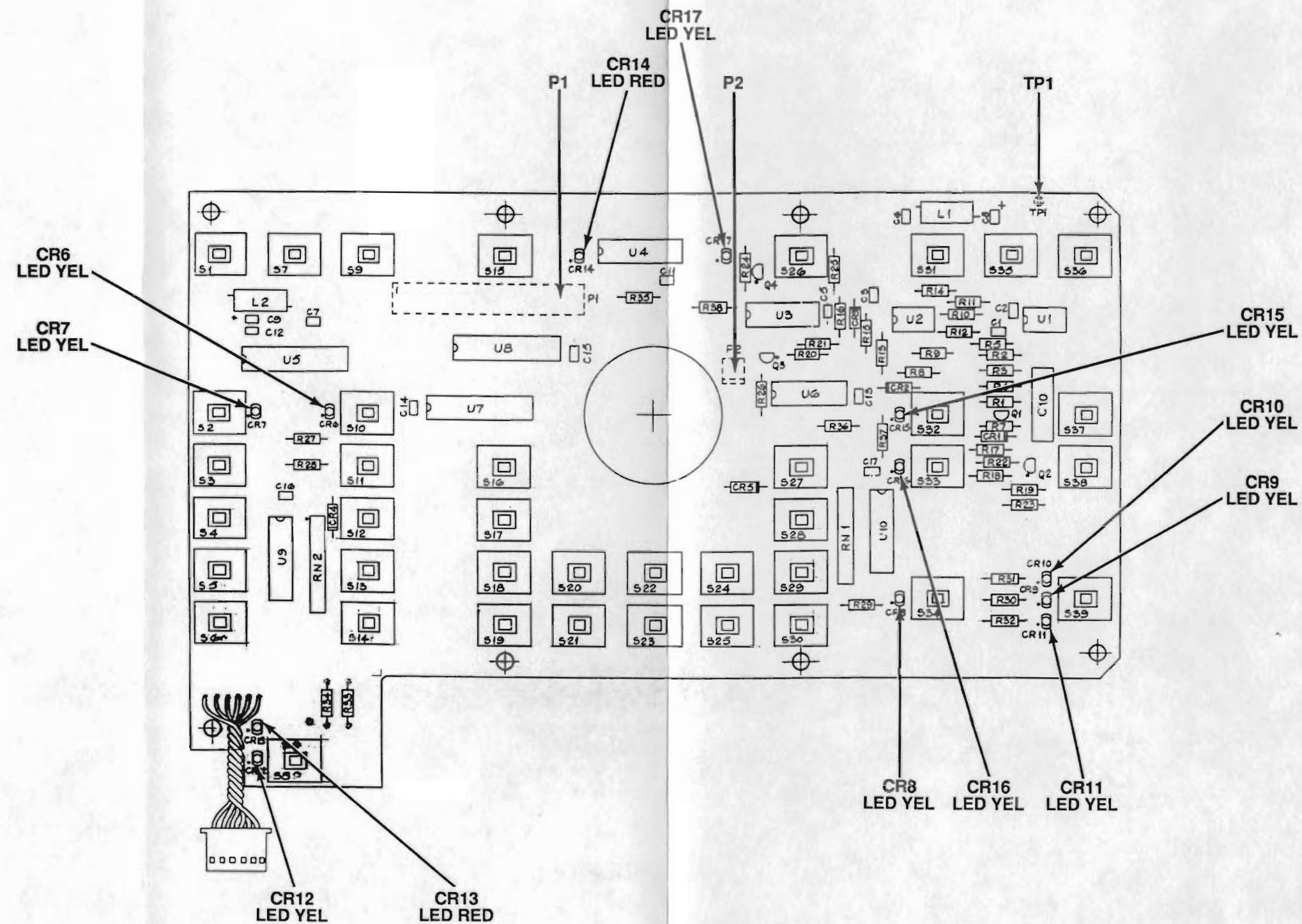
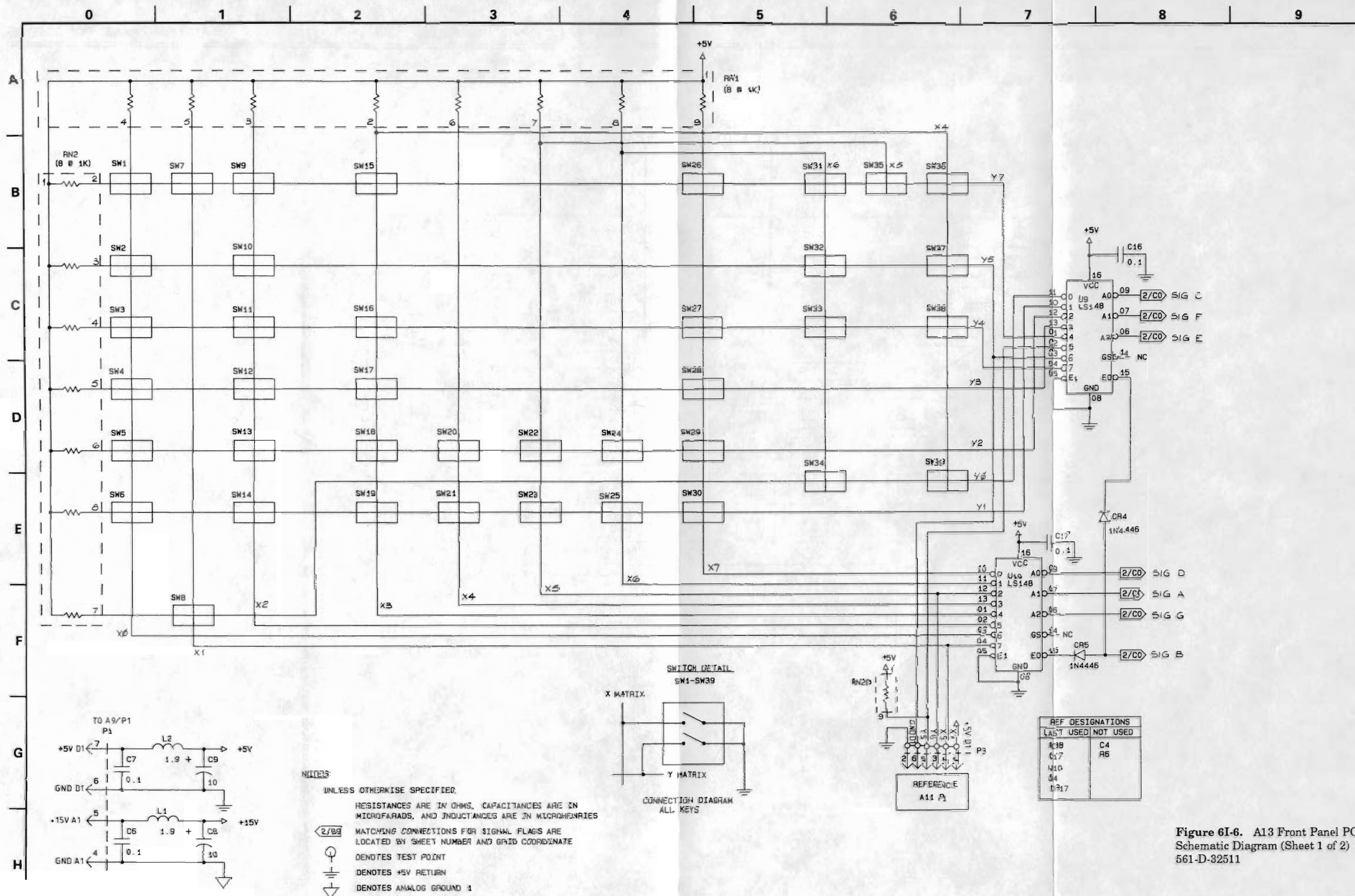
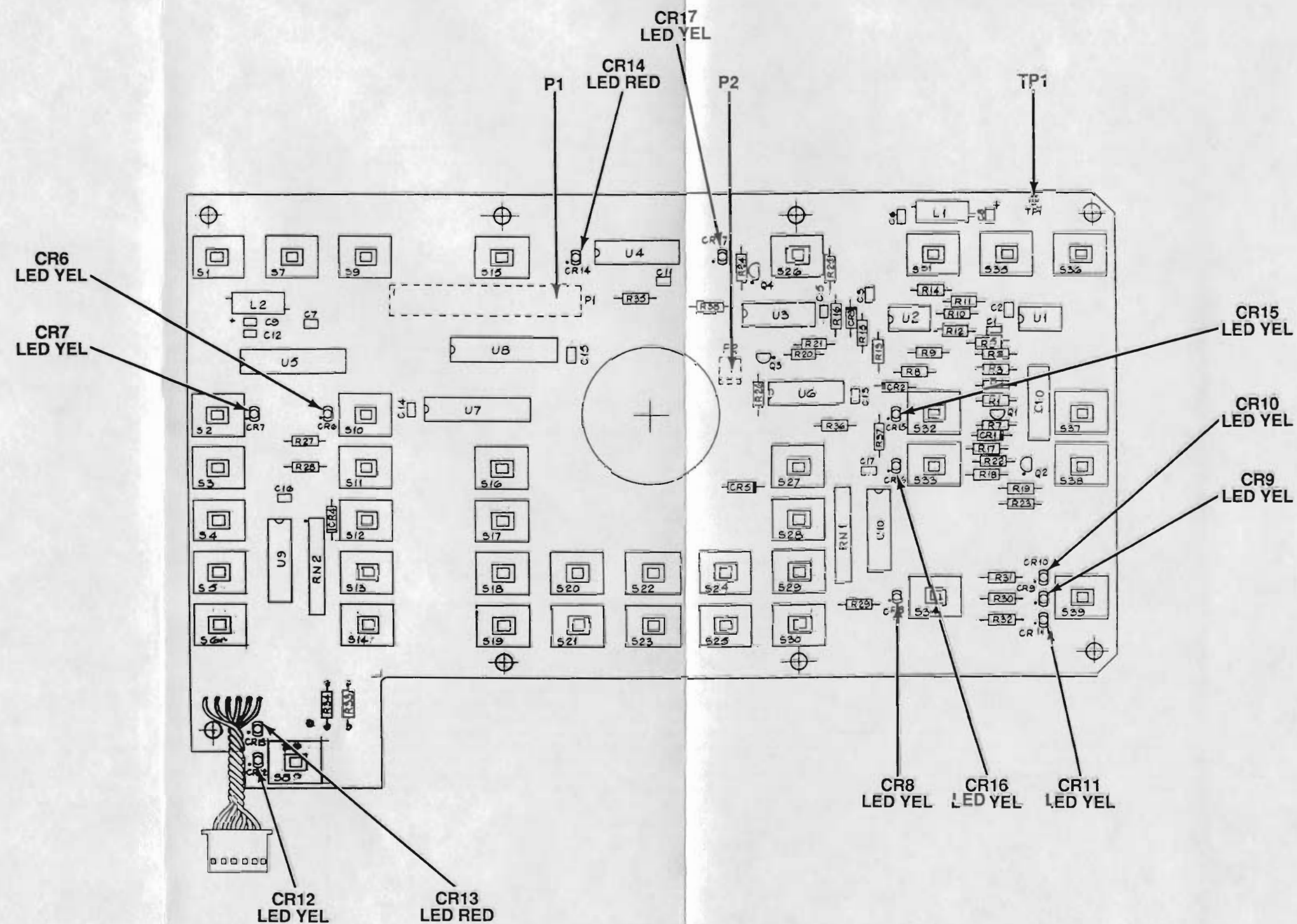
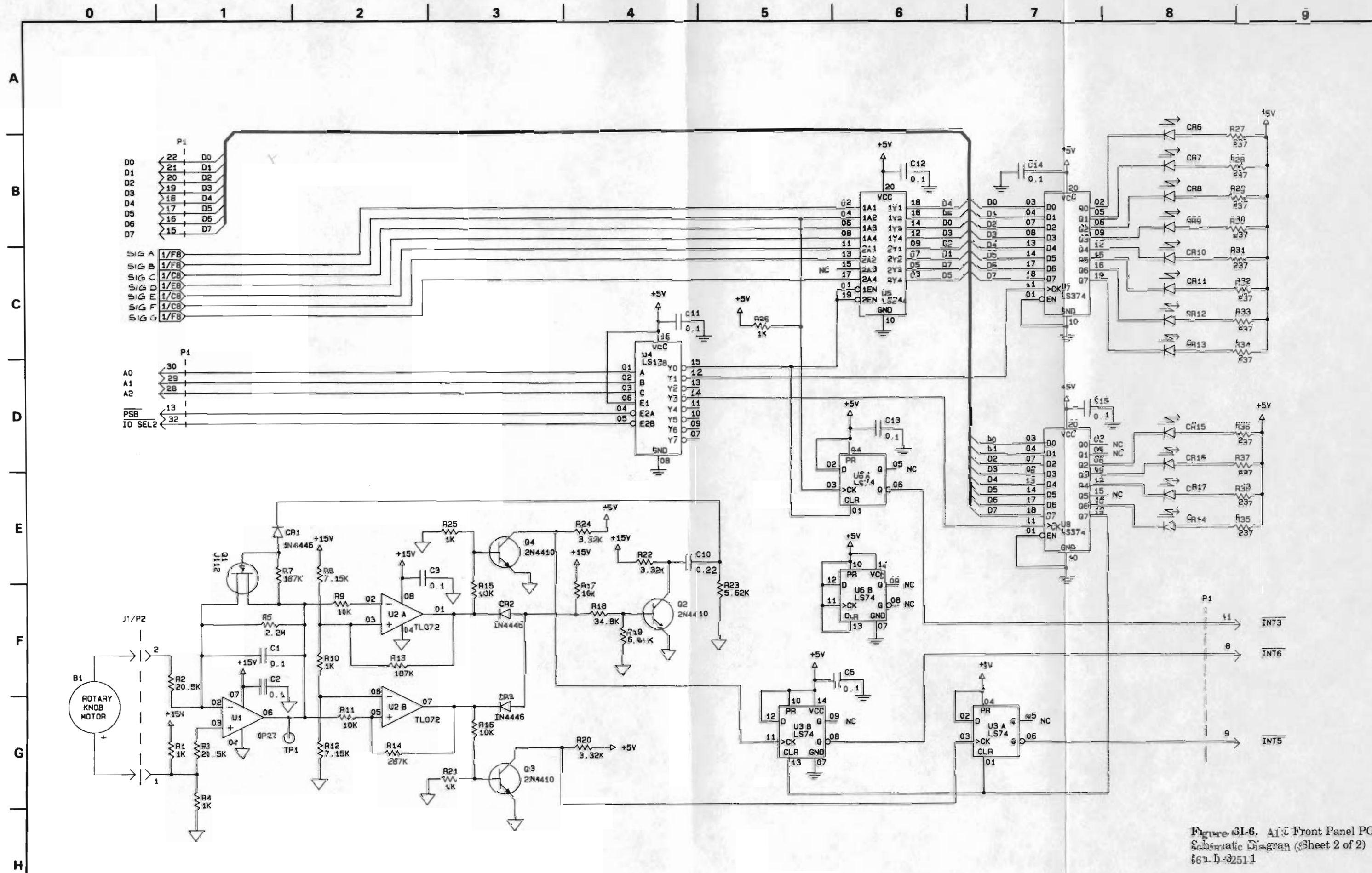


Figure 6I-5. A13 Front Panel PCB
Parts Locator Diagram
561-D-32511





**Copy of Figure 6I-5. A13 Front Panel PCB
Parts Locator Diagram**
561-D-32511



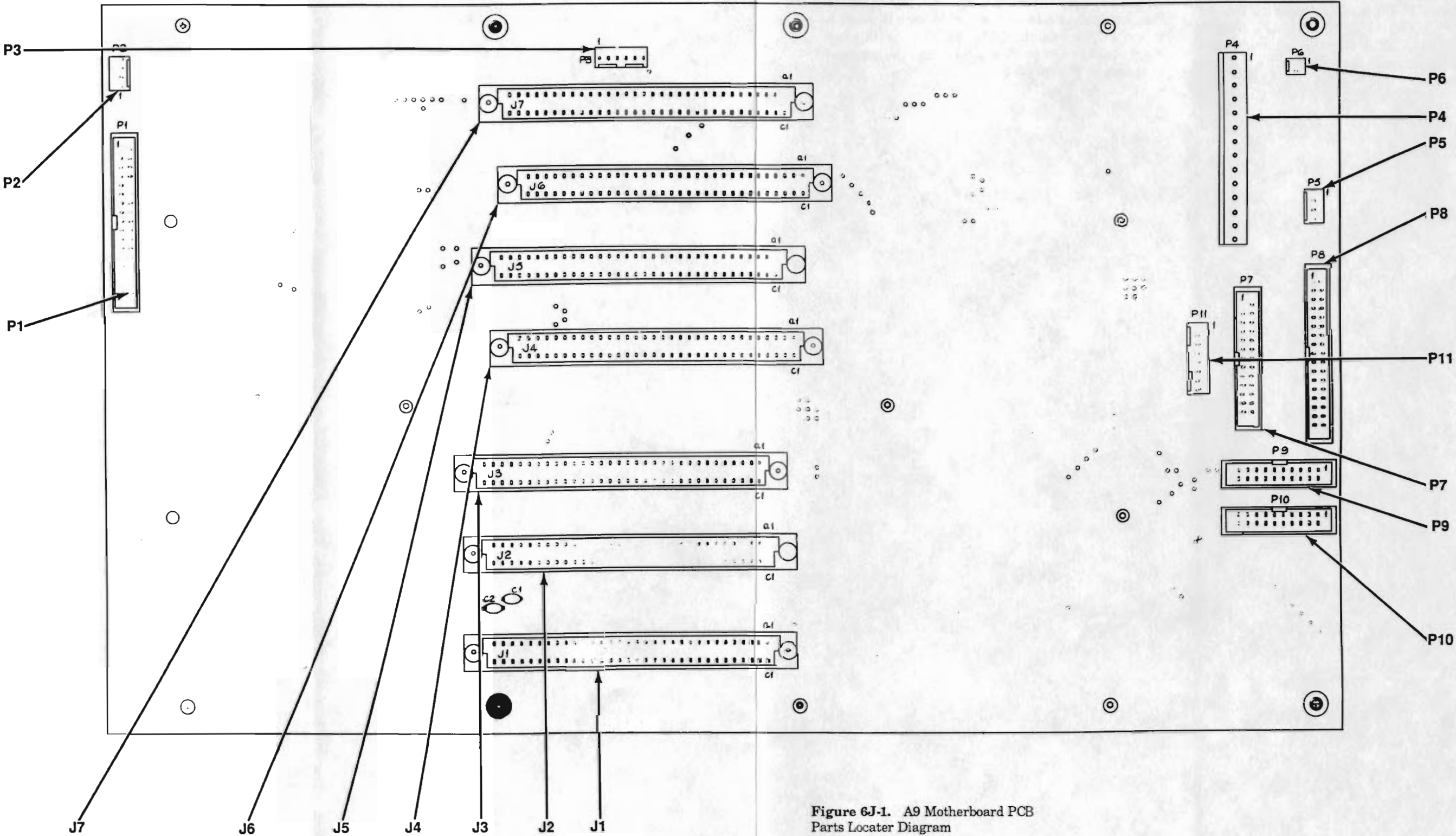


Figure 6J-1. A9 Motherboard PCB
Parts Locator Diagram
561-D-32519

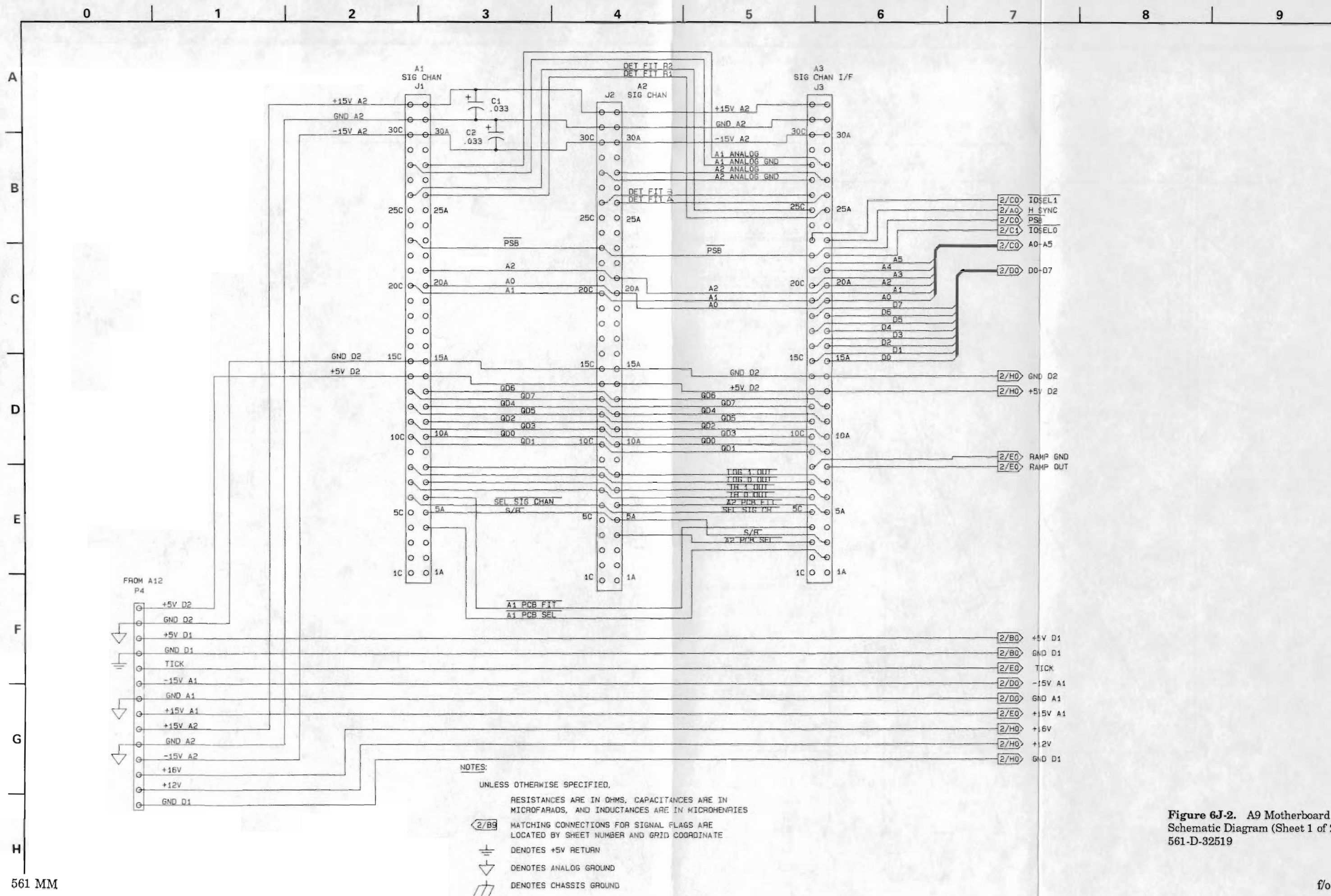
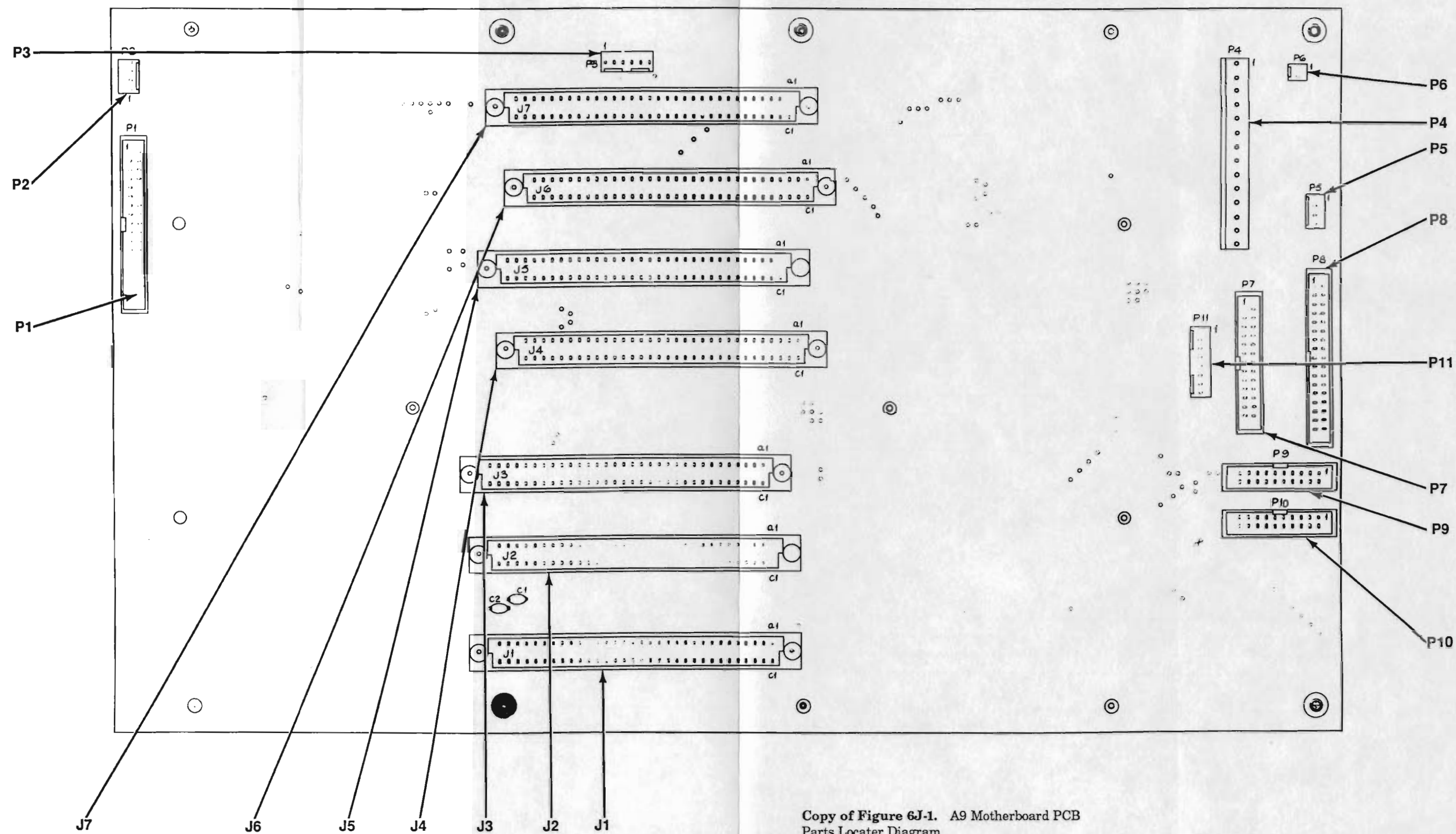


Figure 6J-2. A9 Motherboard PCB
Schematic Diagram (Sheet 1 of 2)
561-D-32519



Copy of Figure 6J-1. A9 Motherboard PCB
Parts Locator Diagram
561-D-32519

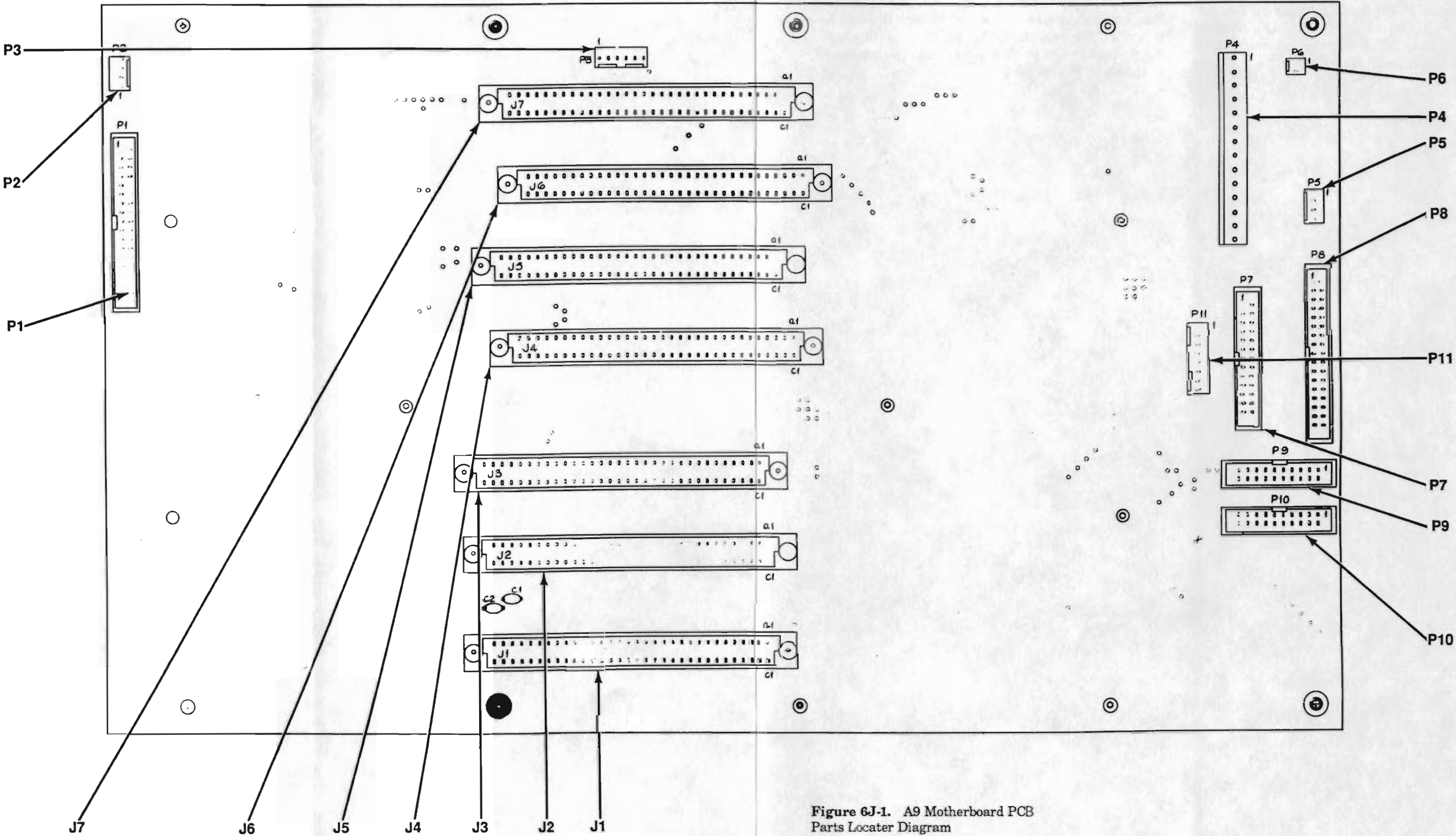


Figure 6J-1. A9 Motherboard PCB
Parts Locator Diagram
561-D-32519

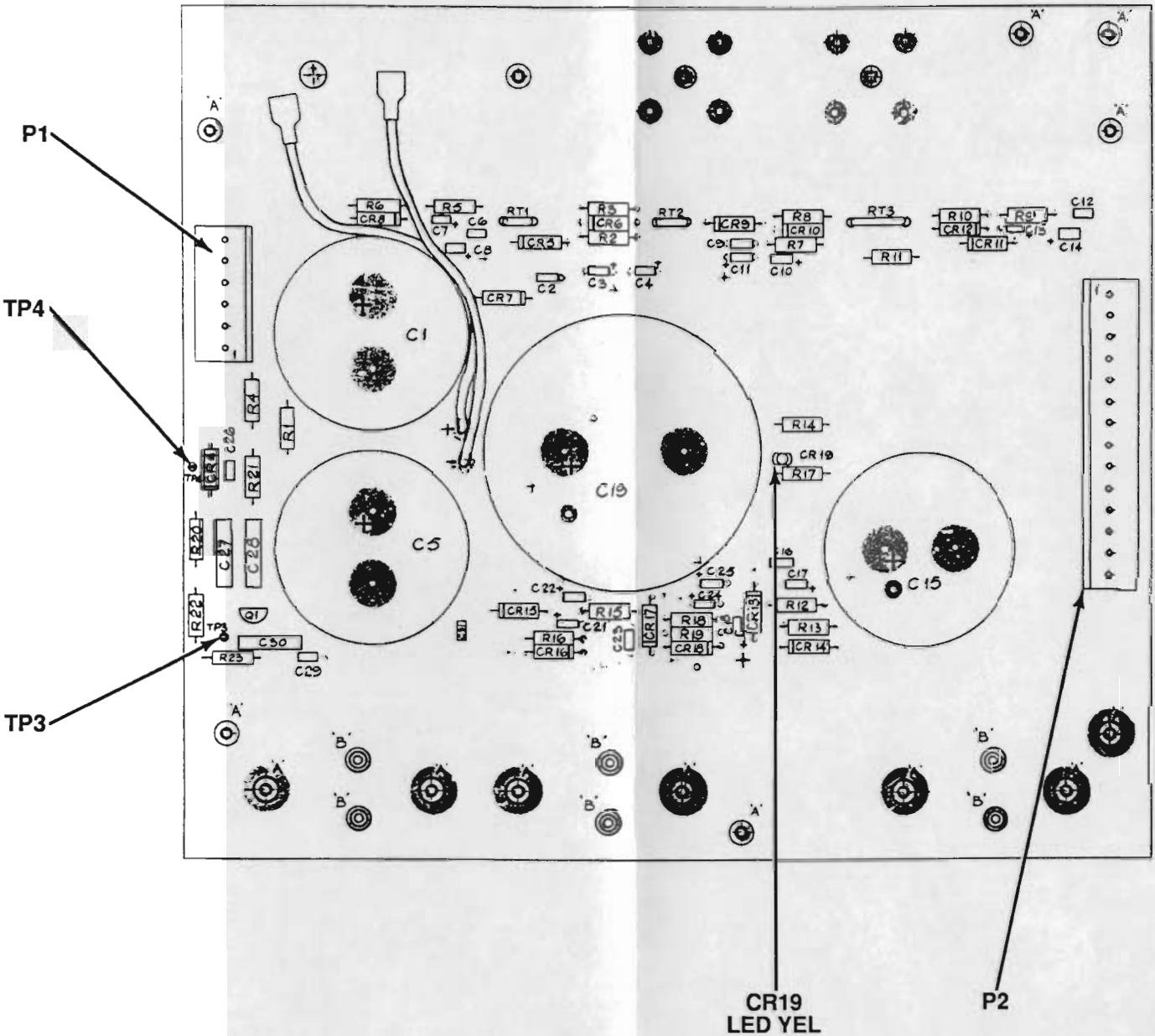


Figure 6K-1. A12 Power Supply PCB
Parts Locator Diagram
561-D-32521

