

AKAI

MODEL S1100

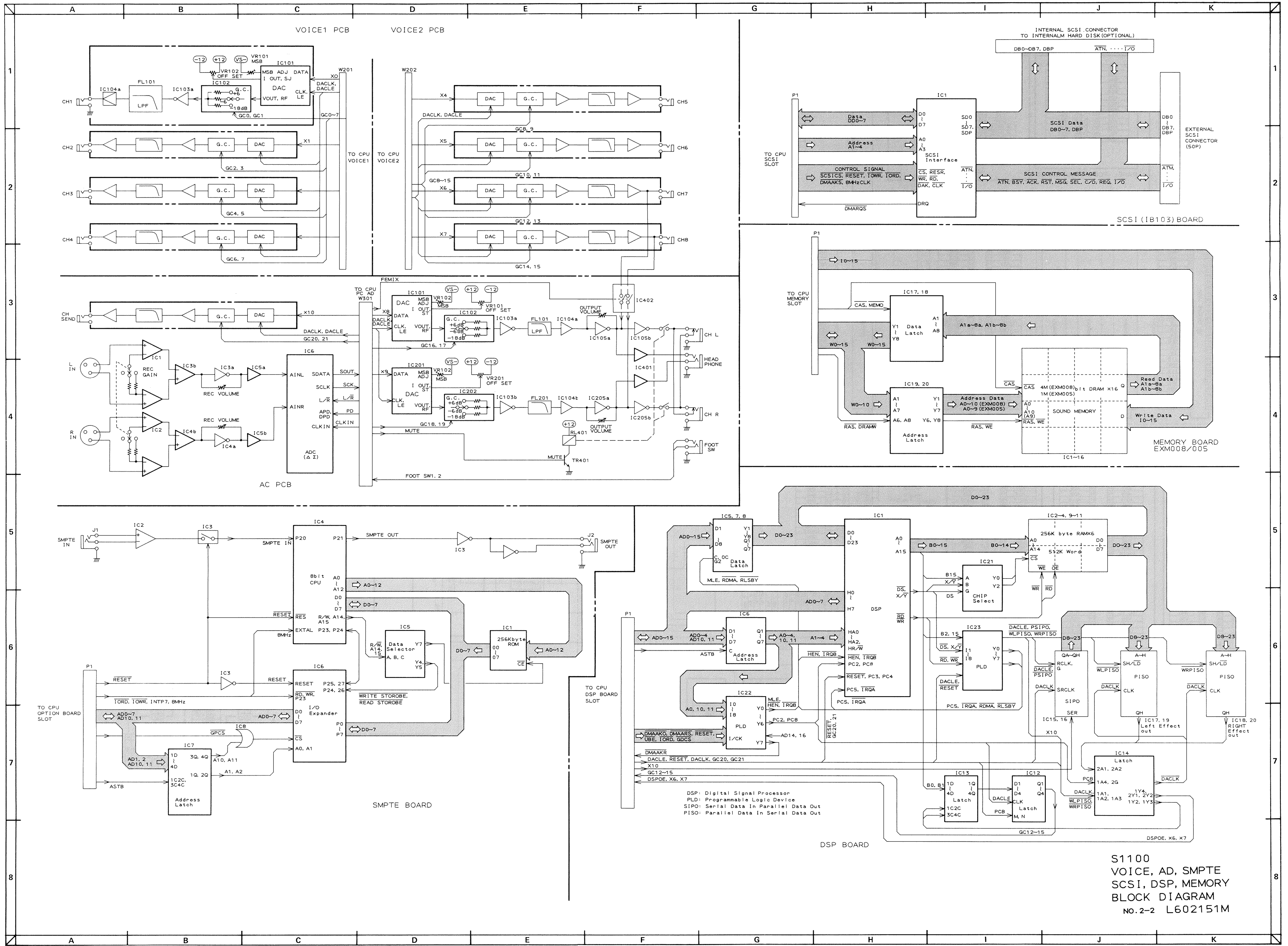
SCHEMATIC DIAGRAMS AND PC BOARDS

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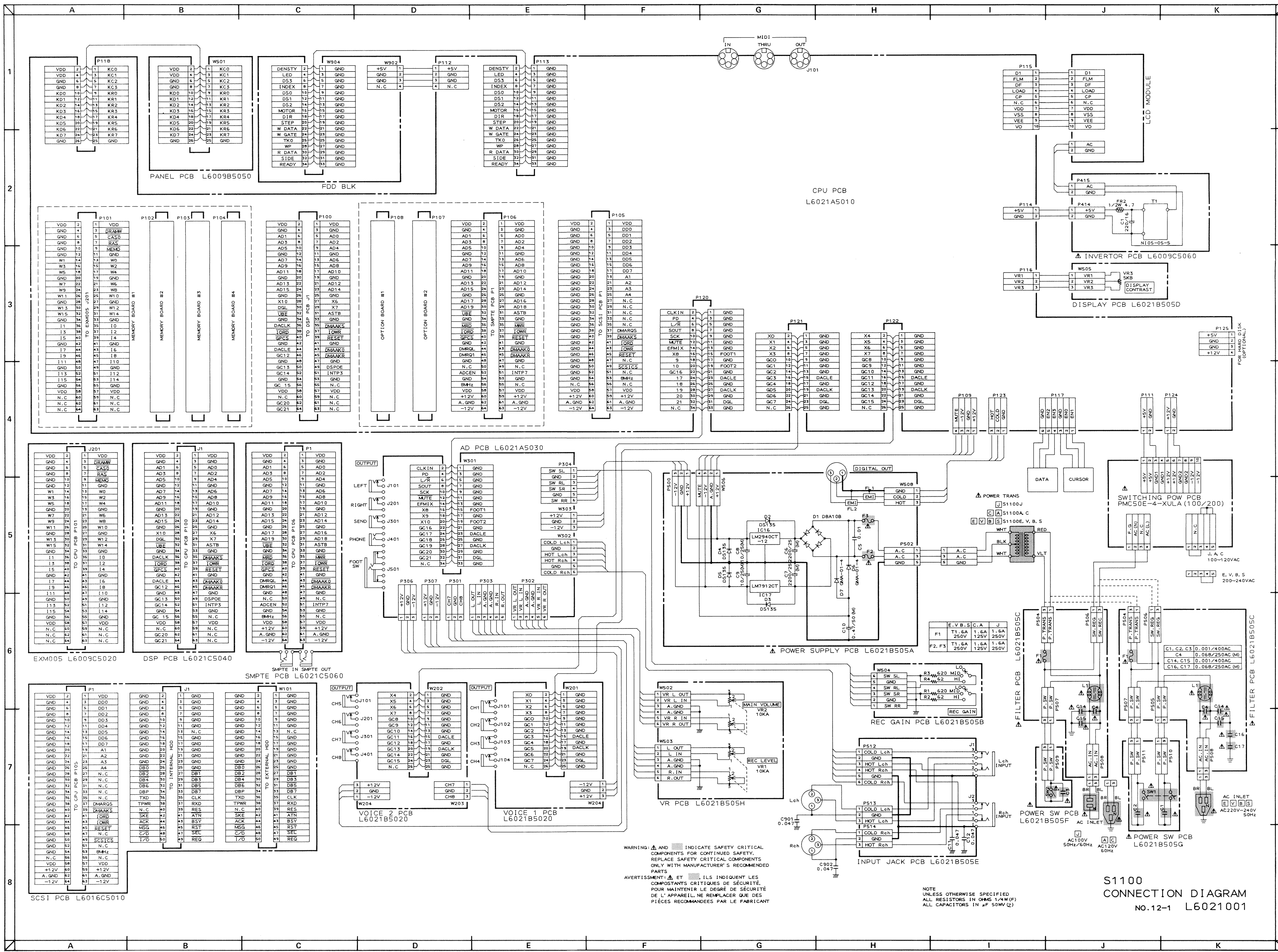
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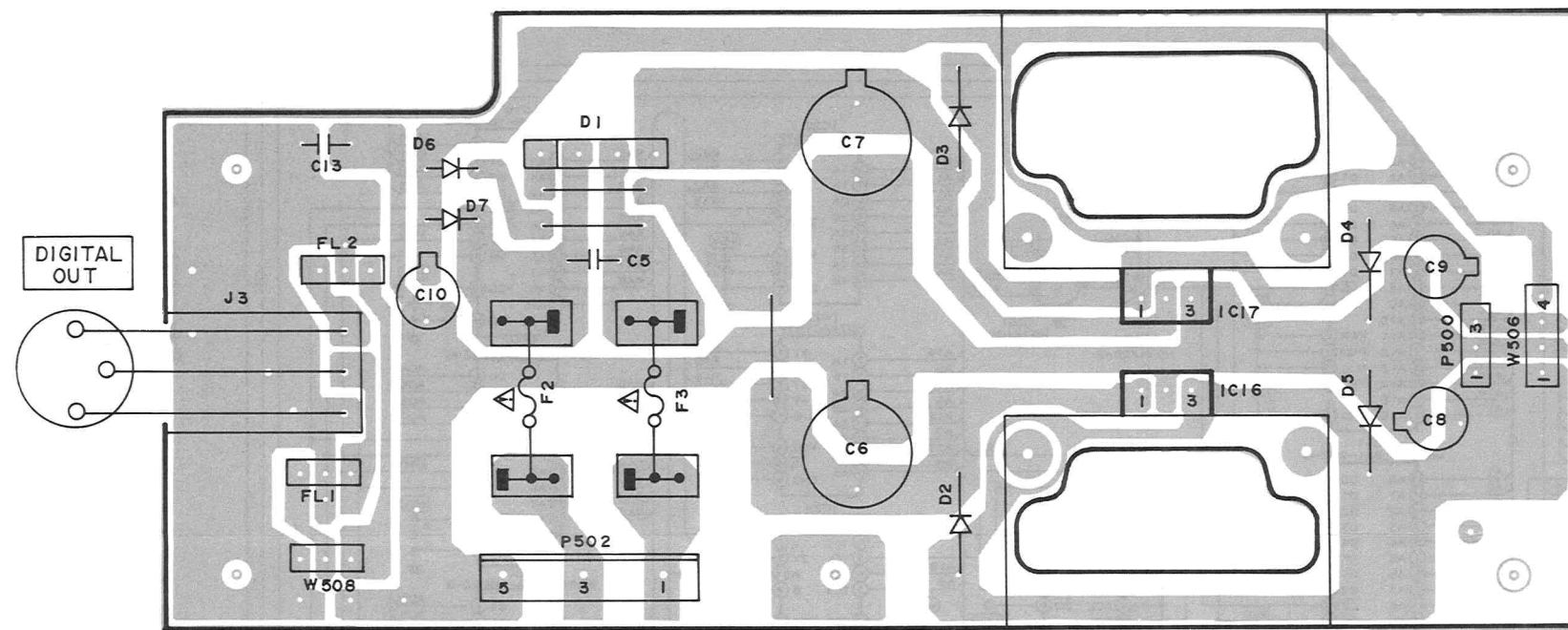


S1100
CPU
BLOCK DIAGRAM
NO. 2-1 L602152M

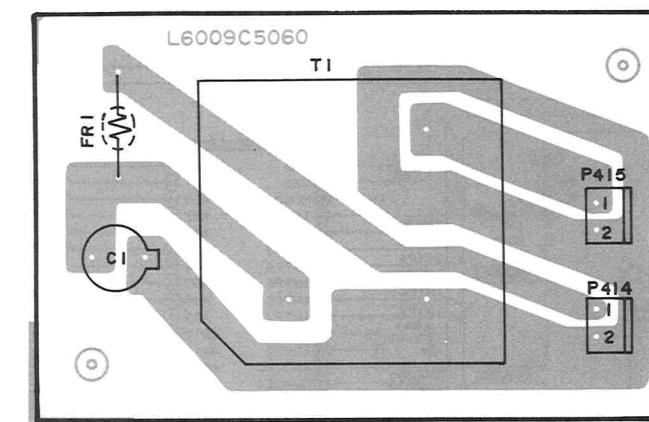


S1100
VOICE, AD, SMPTE
SCSI, DSP, MEMORY
BLOCK DIAGRAM
no. 2-2 L602151M

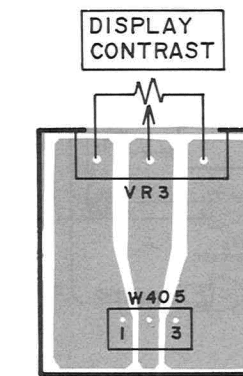




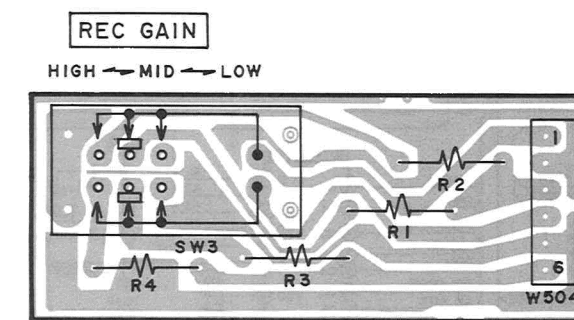
△ POWER SUPPLY PCB L6021B505A



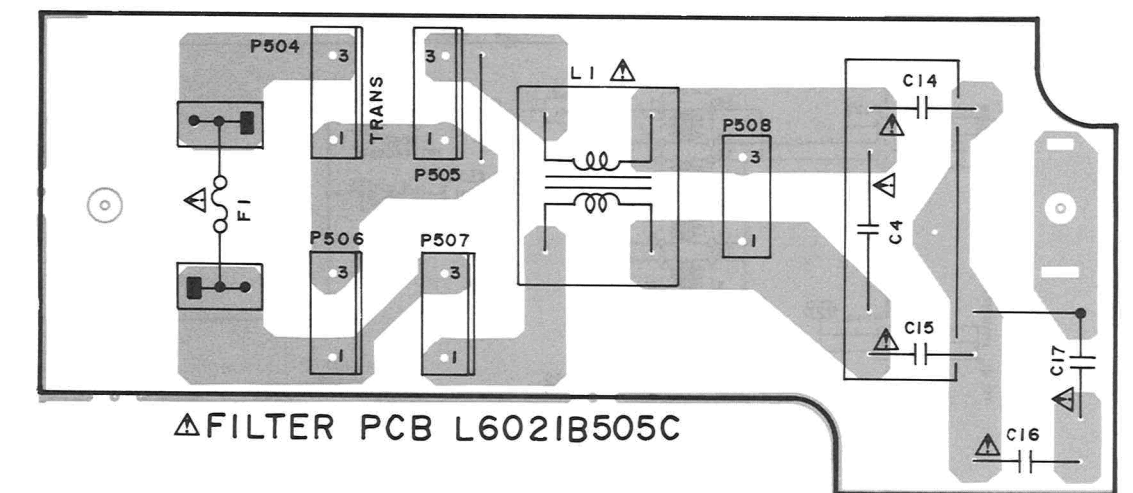
INVERTOR PCB L6009C5060



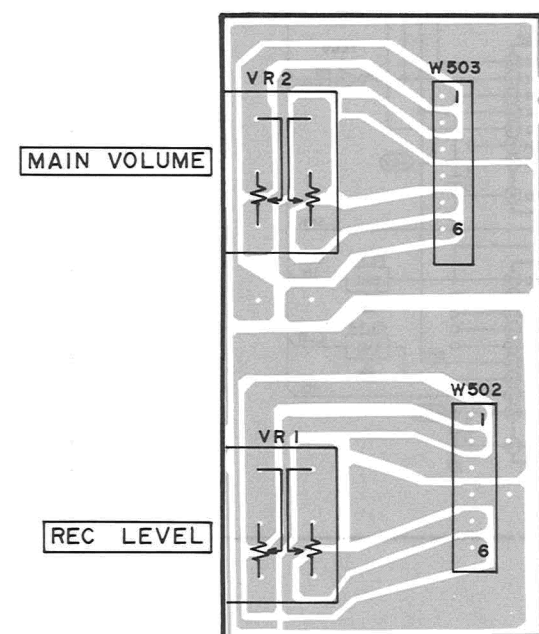
DISPLAY VR PCB L6021B505D



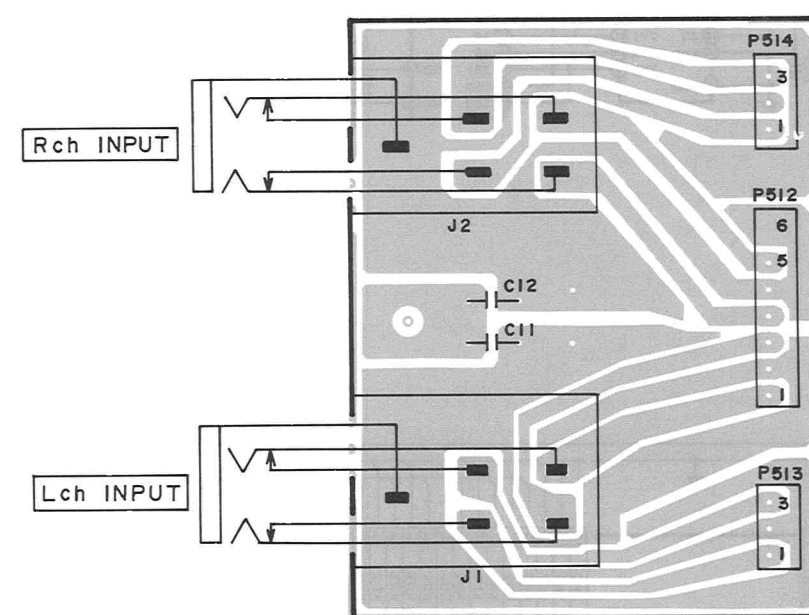
REC GAIN PCB L6021B505B



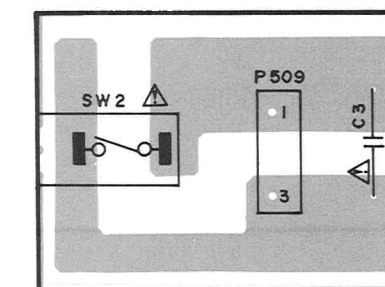
△ FILTER PCB L6021B505C



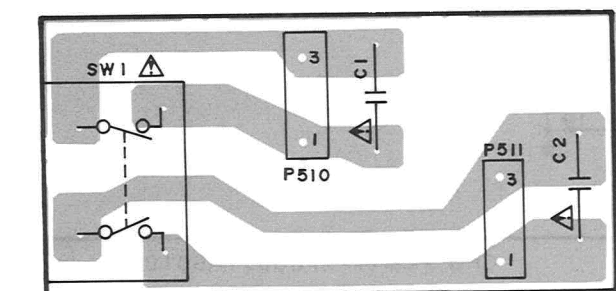
VR PCB L6021B505H



INPUT JACK PCB L6021B505E

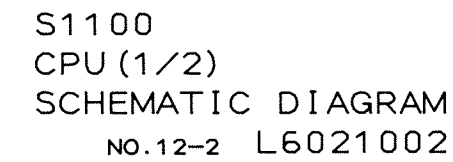


△ POWER SW PCB L6021B505F
(J.C.A.C(Y1) model only)



△ POWER SW PCB L6021B505G
(E.V.B.S model only)

WARNING: △ INDICATES SAFETY CRITICAL COMPONENTS. FOR CONTINUED SAFETY, REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED PARTS.
AVERTISSEMENT: △ IL INDIQUE LES COMPOSANTS CRITIQUES DE SÉCURITÉ. POUR MAINTENIR LE DEGRÉ DE SÉCURITÉ DE L'APPAREIL, NE REMPLACER QUE DES PIÈCES RECOMMANDÉES PAR LE FABRICANT.

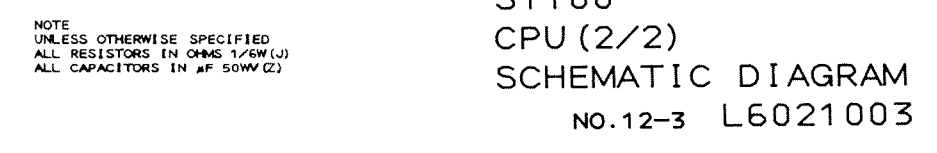


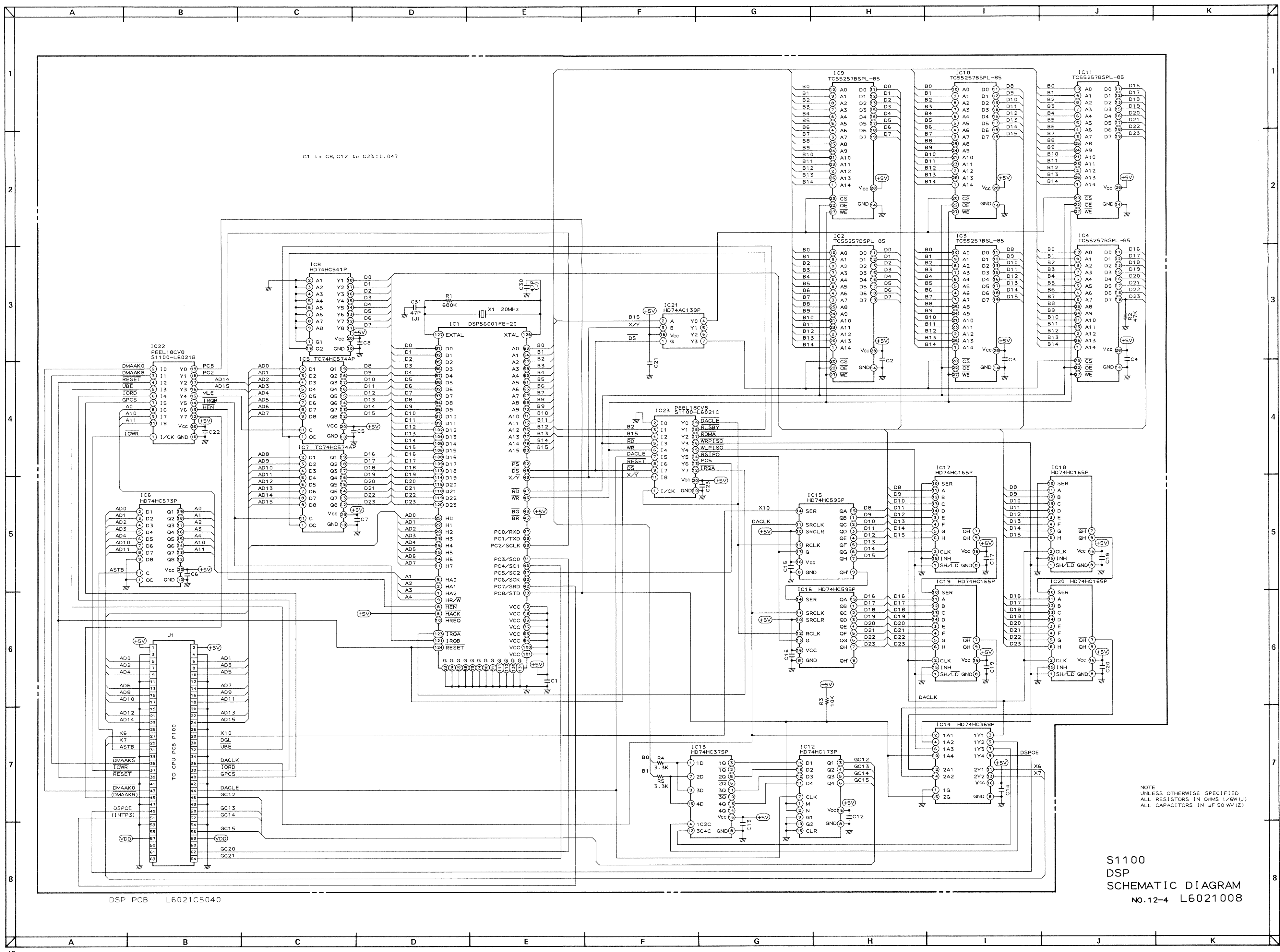
CONNECTORS

J101.....	A4
P100.....	B3
P101.....	B5
P102.....	B4
P103.....	B4
P105.....	B1
P106.....	B2
P107.....	B2
P108.....	B3
P109.....	C1
P110.....	A1
P111.....	C1
P112.....	F1
P113.....	G1
P114.....	H1
P115.....	H2
P116.....	H1
P117.....	H3
P118.....	H3



CPU PCB L6021A5010



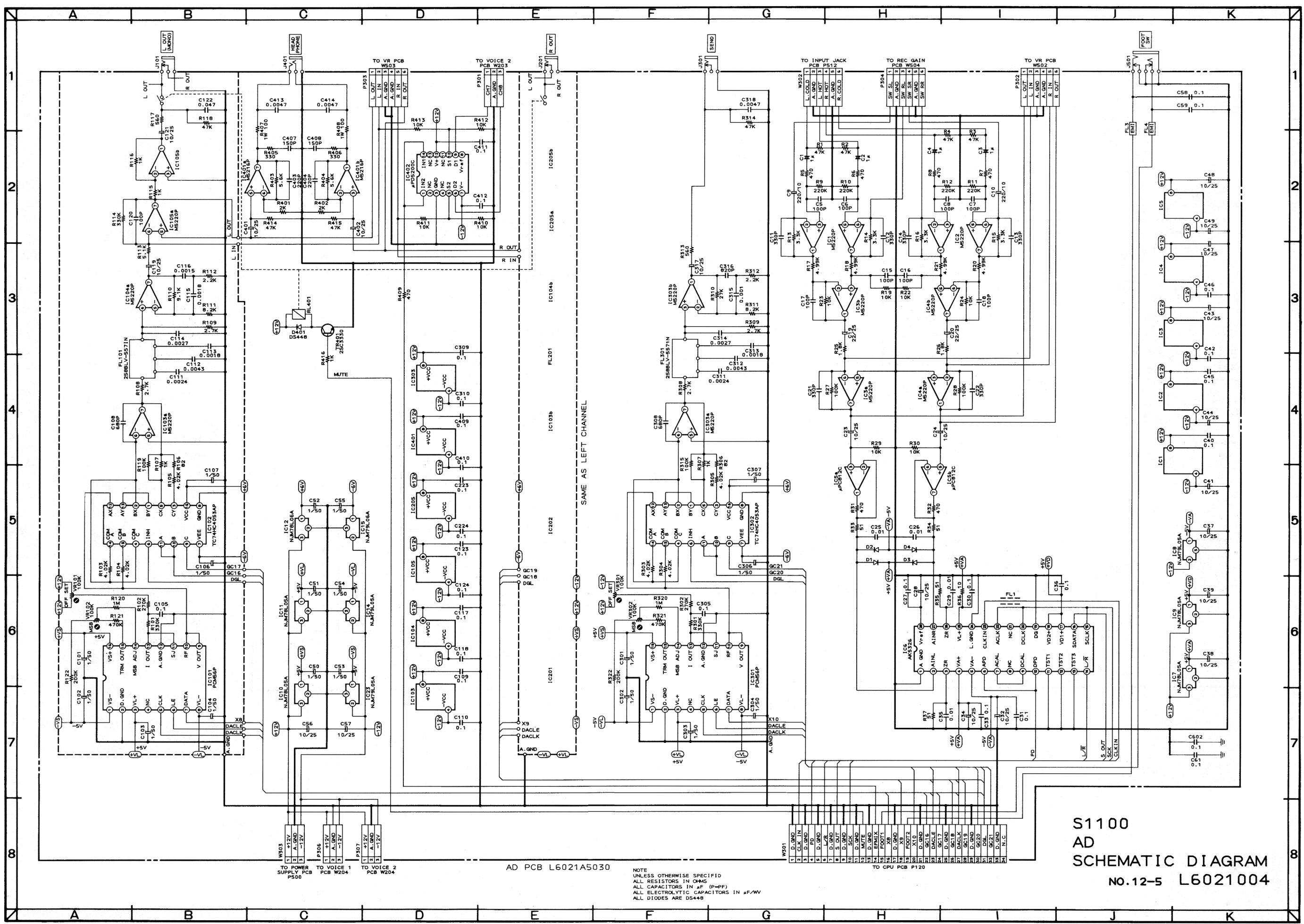


C1 to C8, C12 to C23: 0.047

NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS 1/8W (J)
ALL CAPACITORS IN μ F 50 WV (Z)

S1100
DSP
SCHEMATIC DIAGRAM
NO.12-4 L6021008

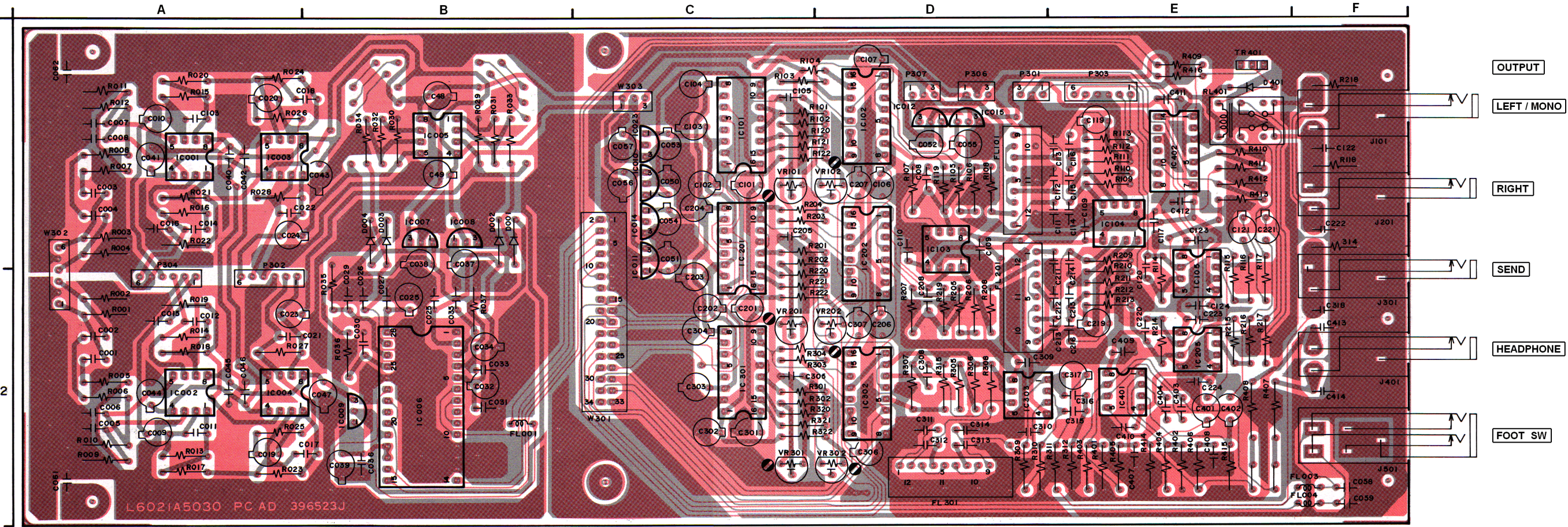
DSP PCB L6021C5040



AD PCB L6021A5030

NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS
ALL CAPACITORS IN PF (P=PF)
ALL ELECTROLYTIC CAPACITORS IN μ F/W
ALL DIODES ARE DS448

S1100
AD
SCHEMATIC DIAGRAM
NO.12-5 L6021004



A/D PCB L6021A5030

PRINCIPAL PARTS LOCATION

ICS	
IC001.....A1	IC301.....C2
IC002.....A2	IC302.....D2
IC003.....A1	IC303.....D2
IC004.....A2	IC401.....E2
IC005.....B1	
IC006.....B2	CONNECTORS
IC007.....B2	W301.....C1/C2
IC008.....B2	W302.....A1/A2
IC009.....B2	W303.....C1
IC010.....C1	P301.....D1
IC011.....C1	P302.....A2
IC012.....D1	P303.....E1
IC014.....C1	P304.....A2
IC015.....D1	P306.....D1
IC023.....C1	P307.....D1
IC101.....C1	
IC102.....D1	TRANSISTORS
IC103.....D1	TR401.....E1
IC104.....E1	
IC105.....E1/E2	
IC201.....C1/C2	
IC202.....D1/D2	
IC205.....E2	

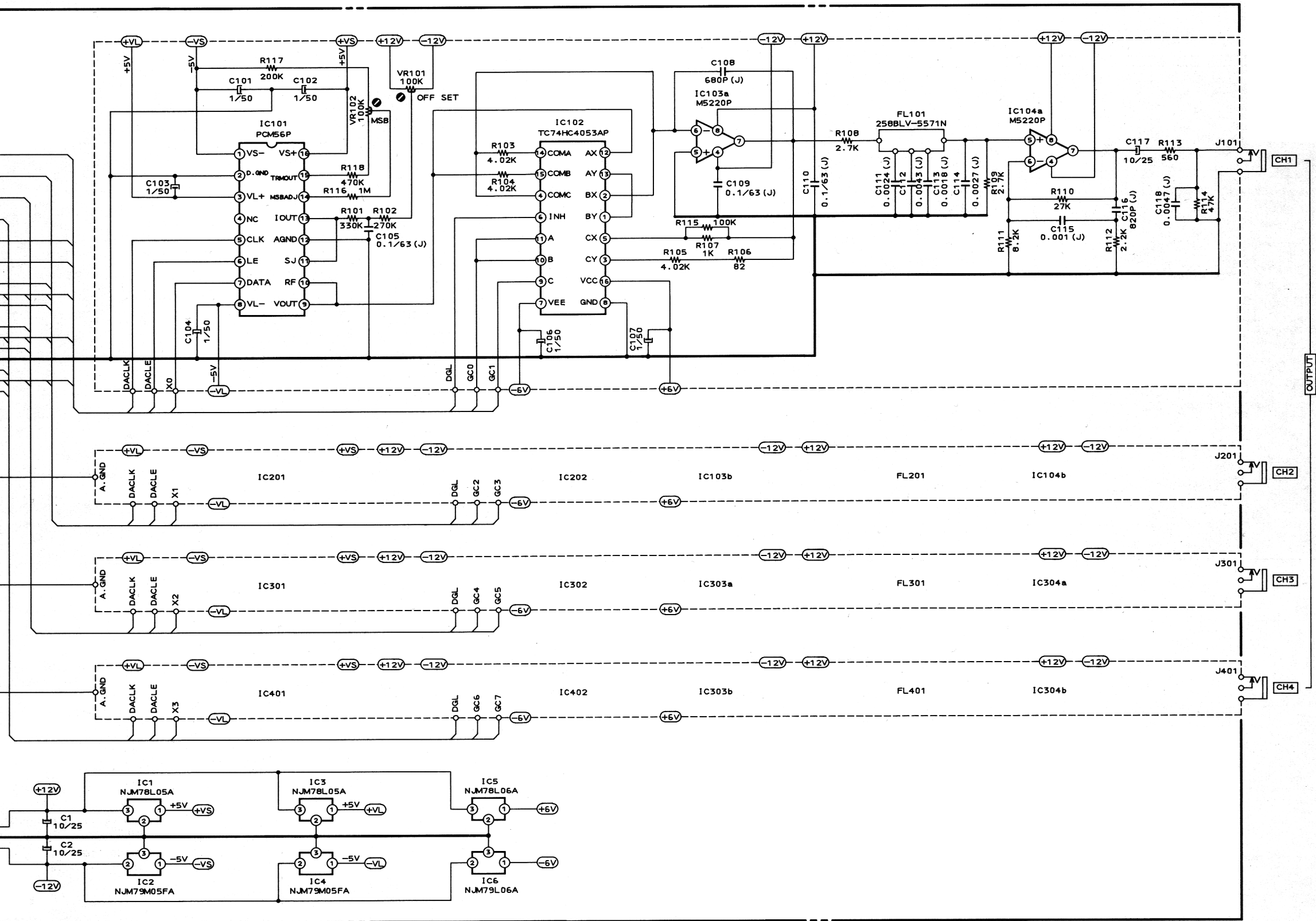
TO CPU PCB P121

1	D.GND
2	X 0
3	D.GND
4	X 1
5	D.GND
6	X 2
7	D.GND
8	X 3
9	D.GND
10	GC0
11	D.GND
12	GC1
13	D.GND
14	GC2
15	DACLK
16	GC3
17	D.GND
18	GC4
19	DACLK
20	GC5
21	D.GND
22	GC6
23	DGL
24	GC7
25	D.GND
26	N.C

TO AD PCB P306

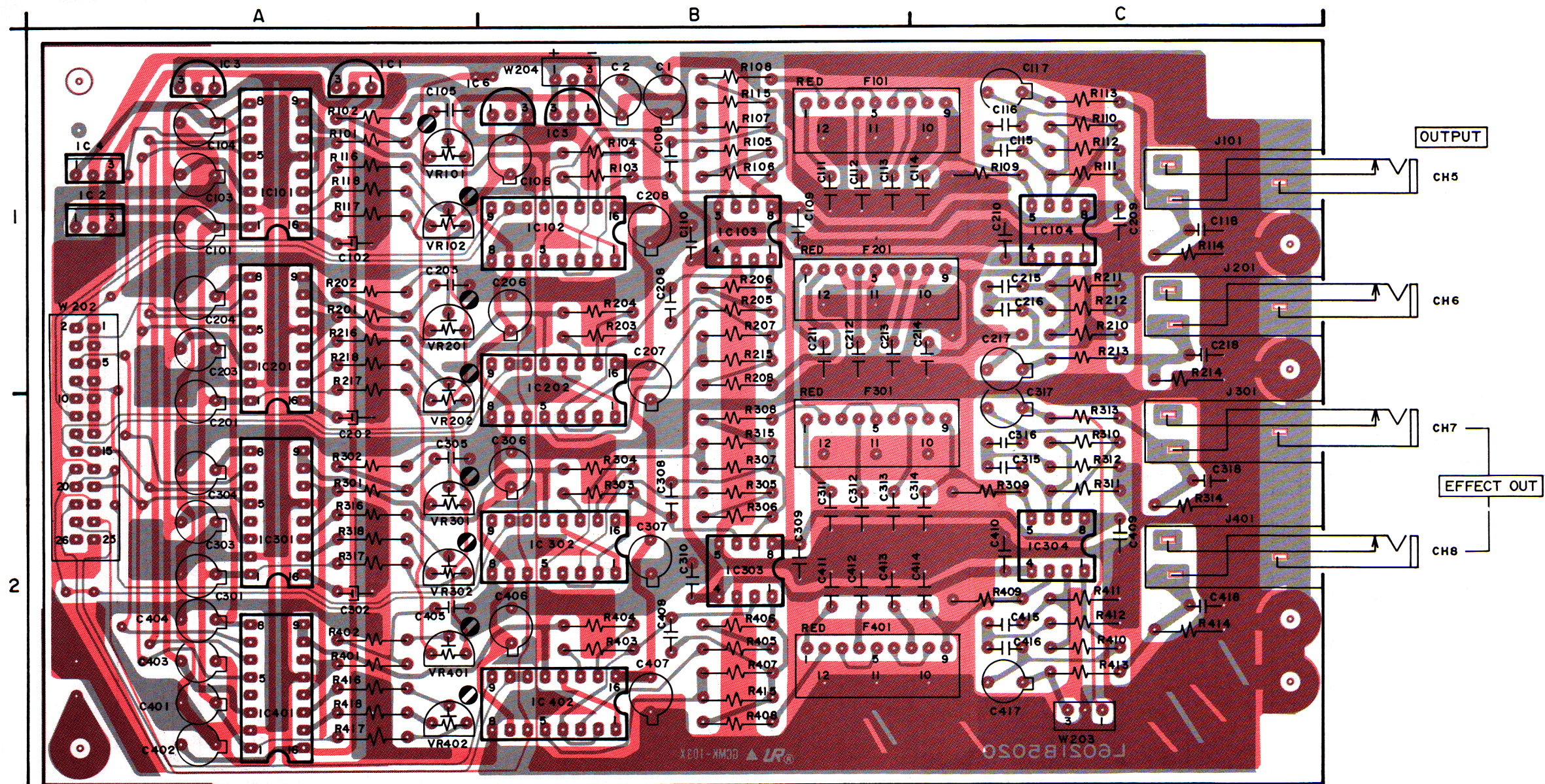
3	+12V
2	A.GND
1	-12V

VOICE 1 PCB L6021B5020



NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS 1/4W(J)
ALL CAPACITORS IN μ F 50WV(M)

S1100
VOICE 1
SCHEMATIC DIAGRAM
NO.12-6 L6021005



VOICE 2 PCB L602IB5020

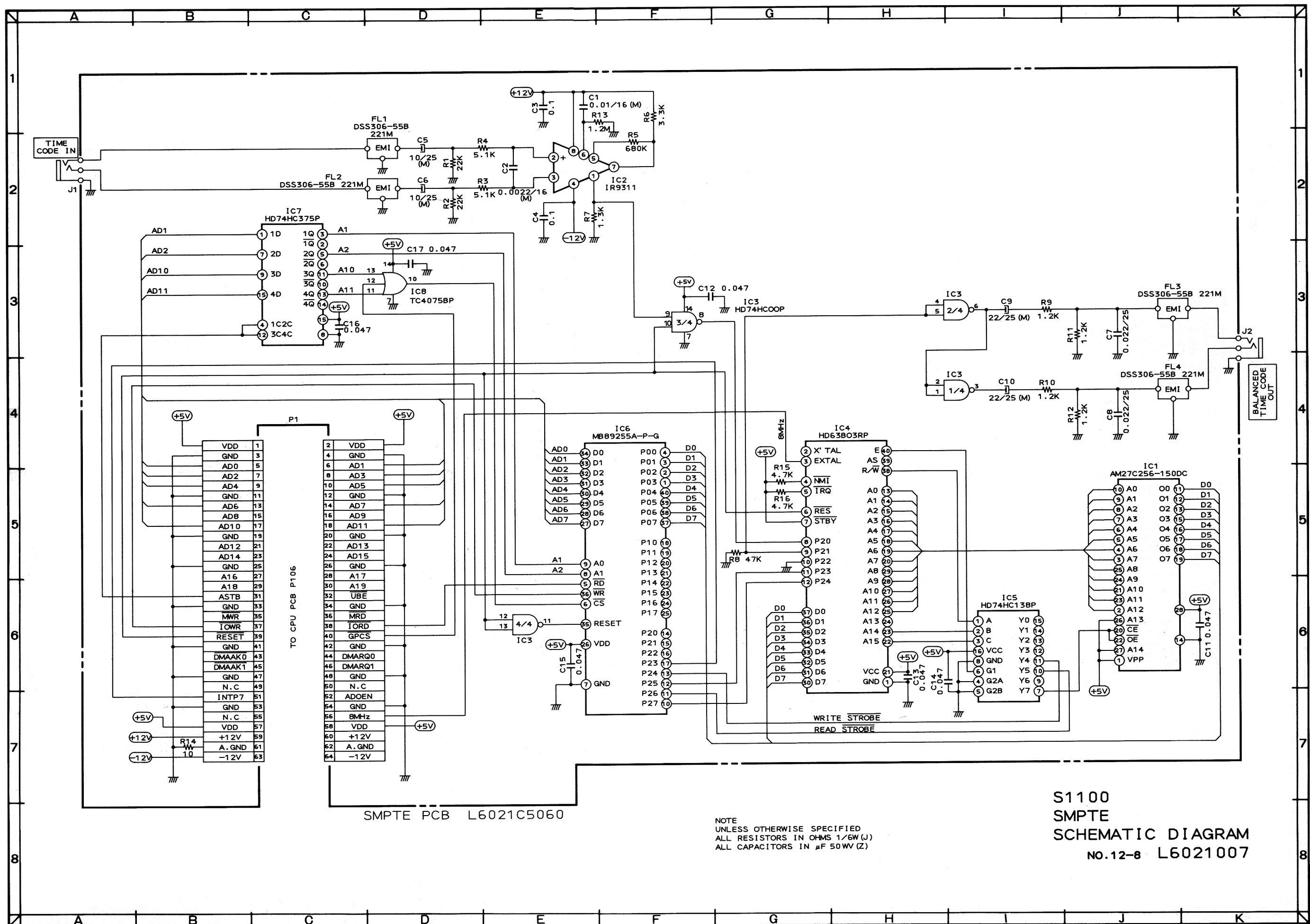
PRINCIPAL PARTS LOCATION

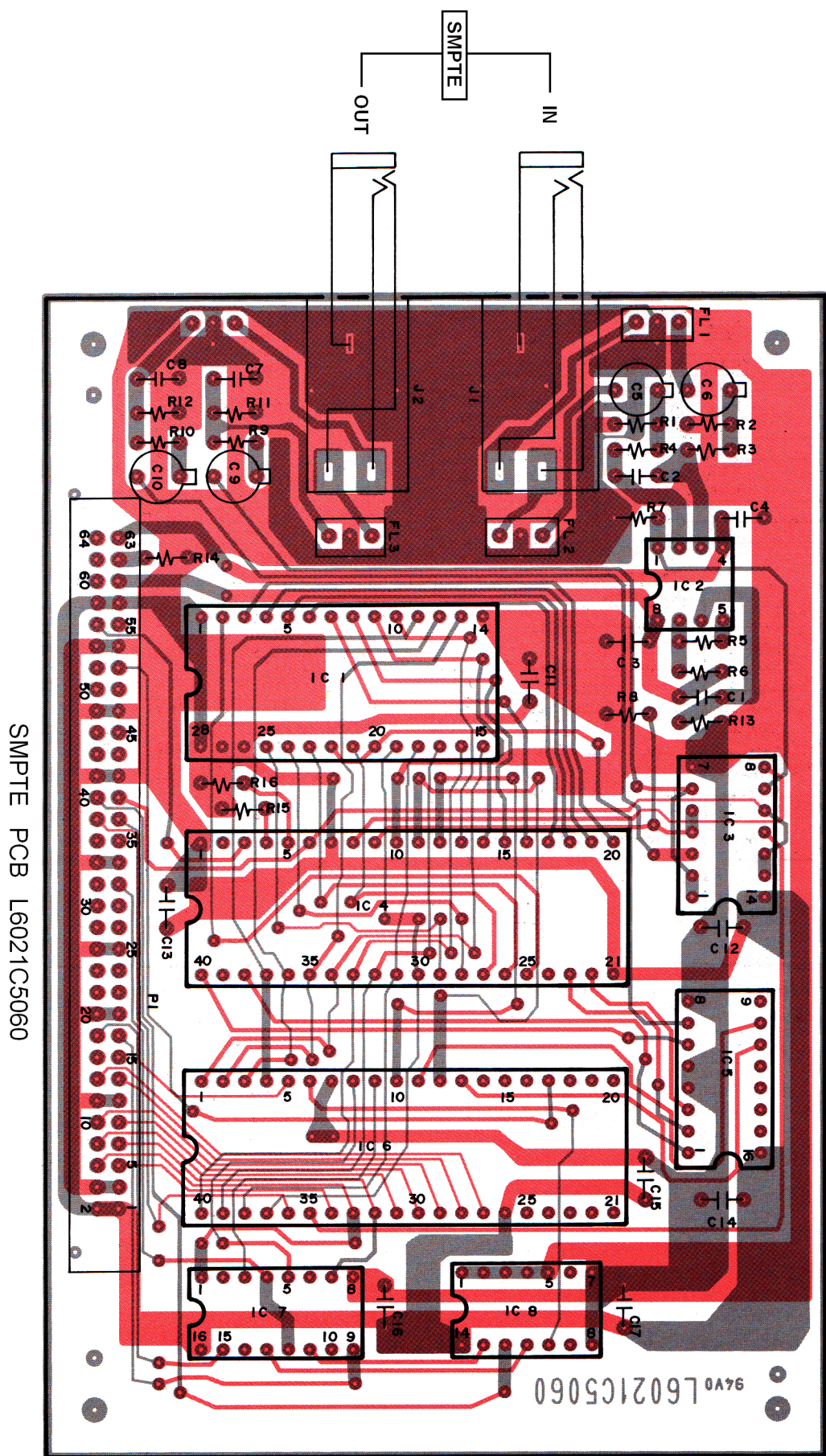
ICS

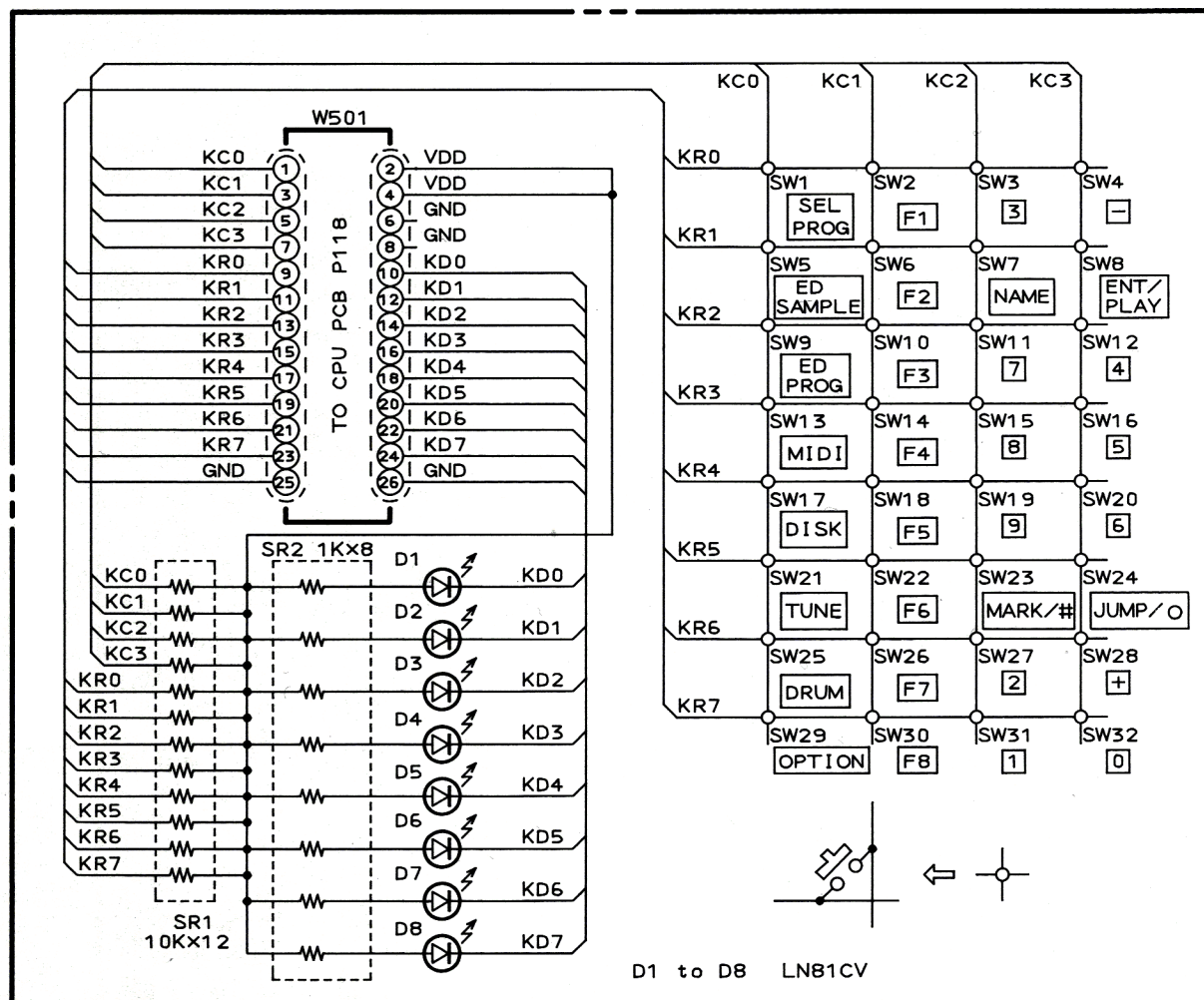
IC1.....A1
 IC2.....A1
 IC3.....A1
 IC4.....A1
 IC5.....B1
 IC6.....B1
 IC101.....A1
 IC102.....B1
 IC103.....B1
 IC104.....C1
 IC201.....A1,2
 IC202.....B1,2
 IC301.....A2
 IC302.....B2
 IC303.....B2
 IC304.....C2
 IC401.....A1
 IC402.....B2

CONNECTORS

W202.....A1,2
 W203.....C2
 W204.....B1

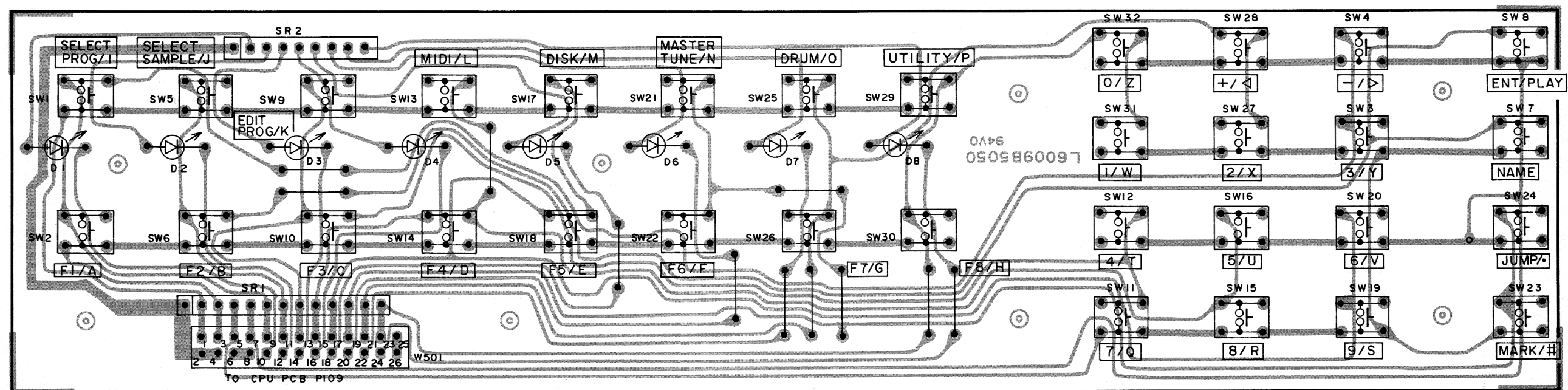




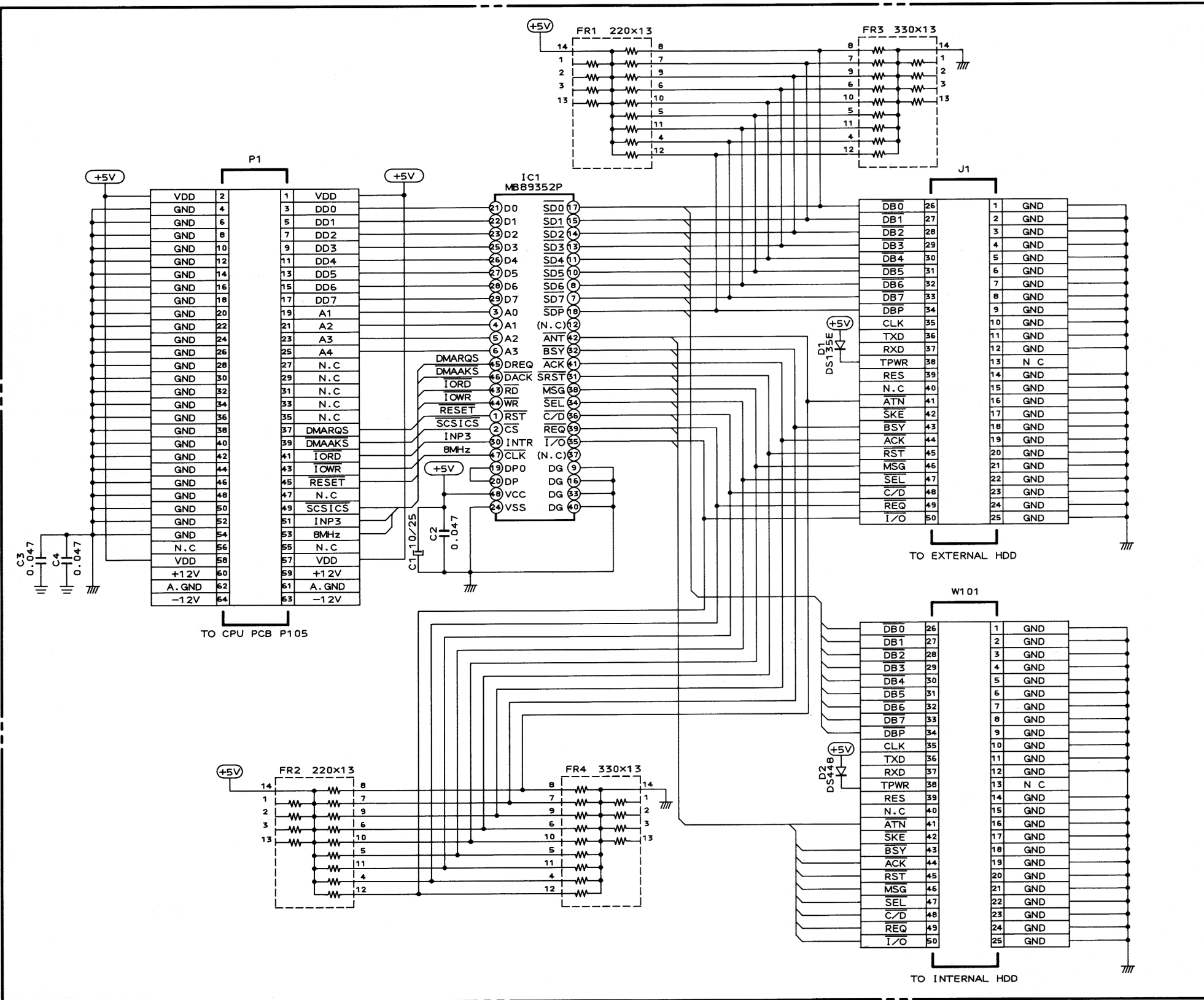


PANEL PCB L6009B5050

S1100
PANEL
SCHEMATIC DIAGRAM
NO.12-9 L6021010



PANEL PCB L6009B5050

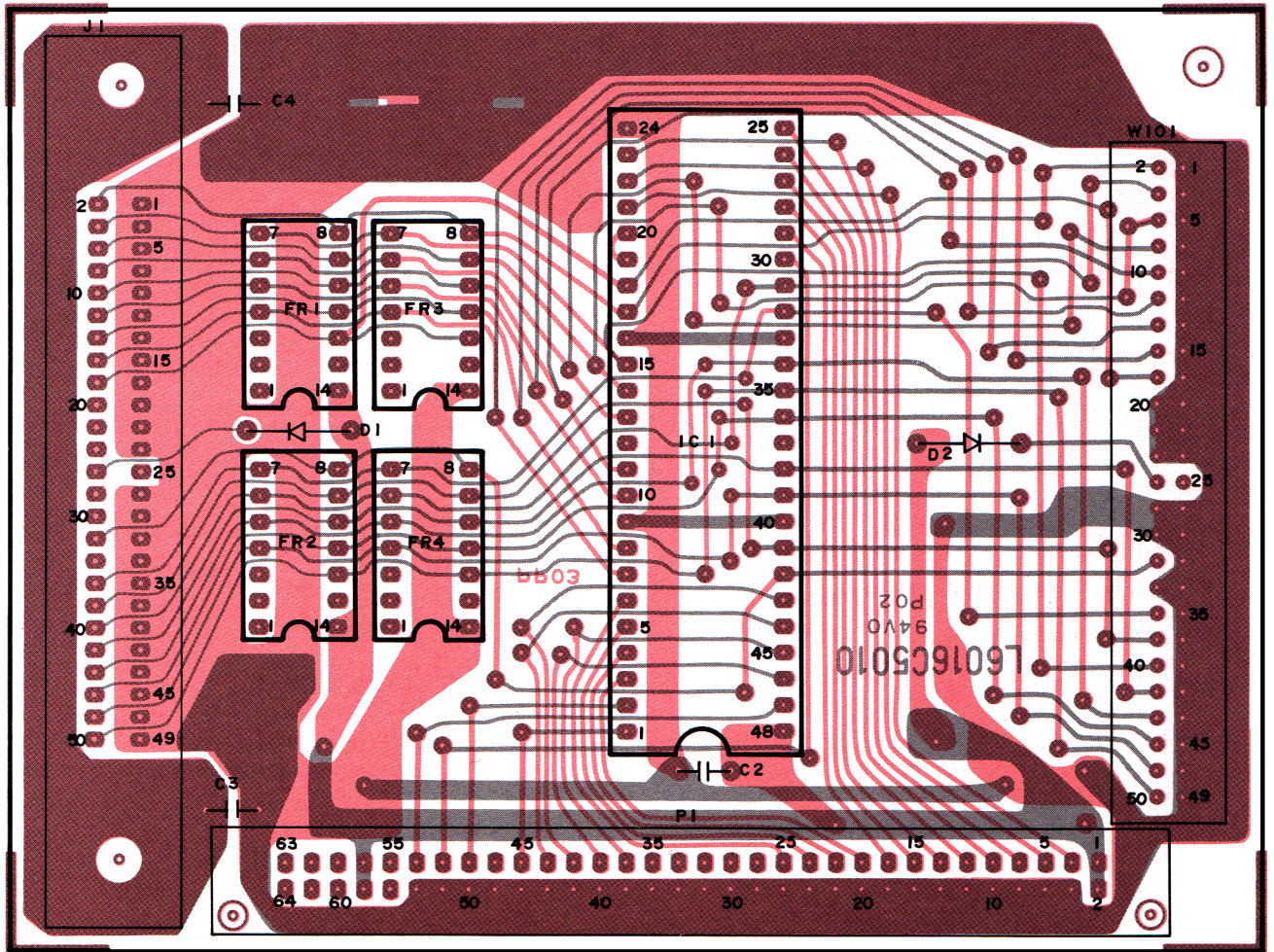
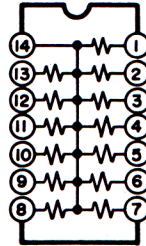


SCSI PCB L6016C5010

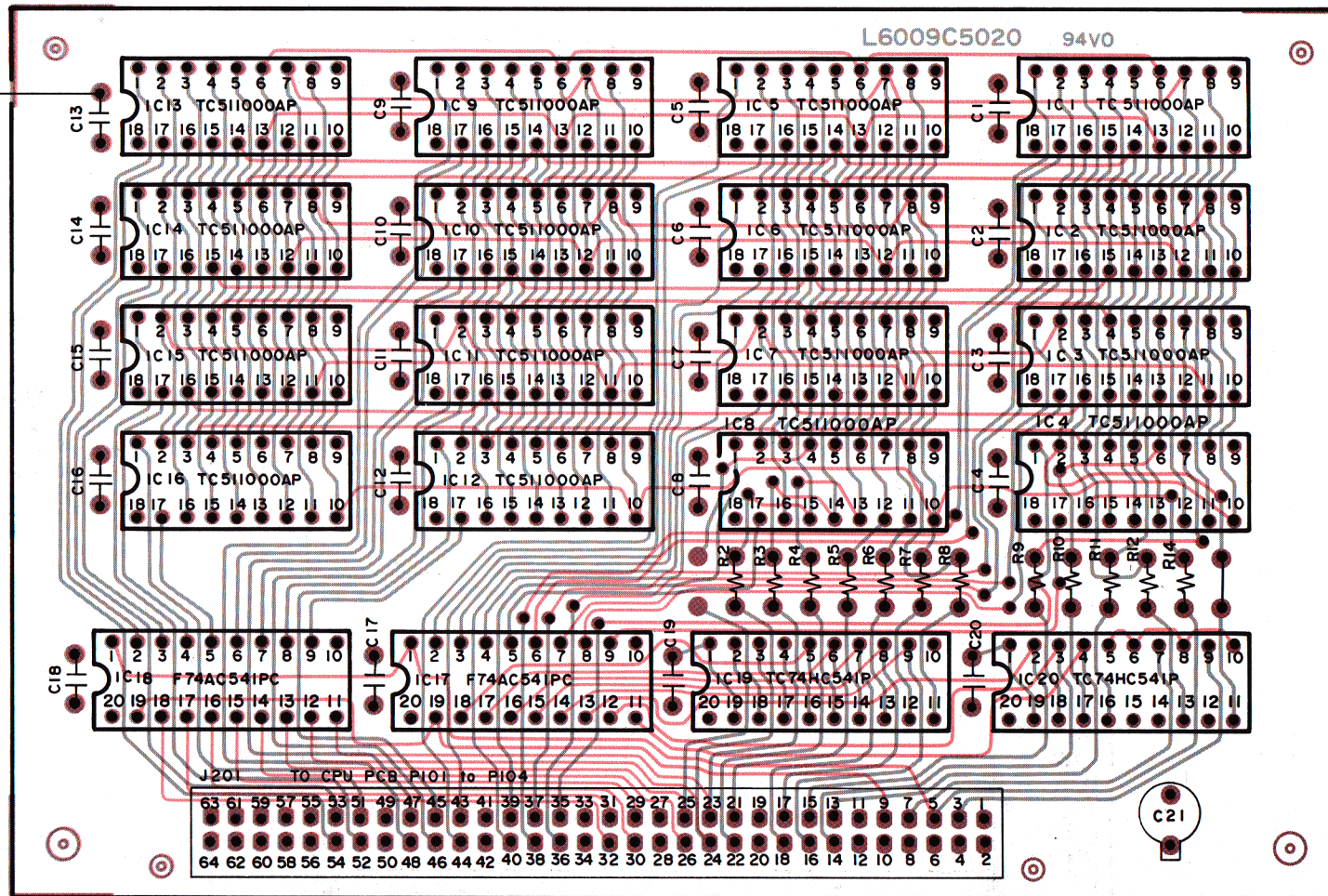
NOTE
UNLESS OTHERWISE SPECIFIED
ALL RESISTORS IN OHMS 1/ W(J)
ALL CAPACITORS IN μ F 25WV(M)

S1100
SCSI
SCHEMATIC DIAGRAM
NO.12-10 L6021009

FR1, 2 (220 Ohm x13)
FR2, 4 (330 Ohm x13)



SCSI PCB L6016C5010J2



MEMORY PCB L6009C5020 EXM005 (OPTIONAL MEMORY BOARD)