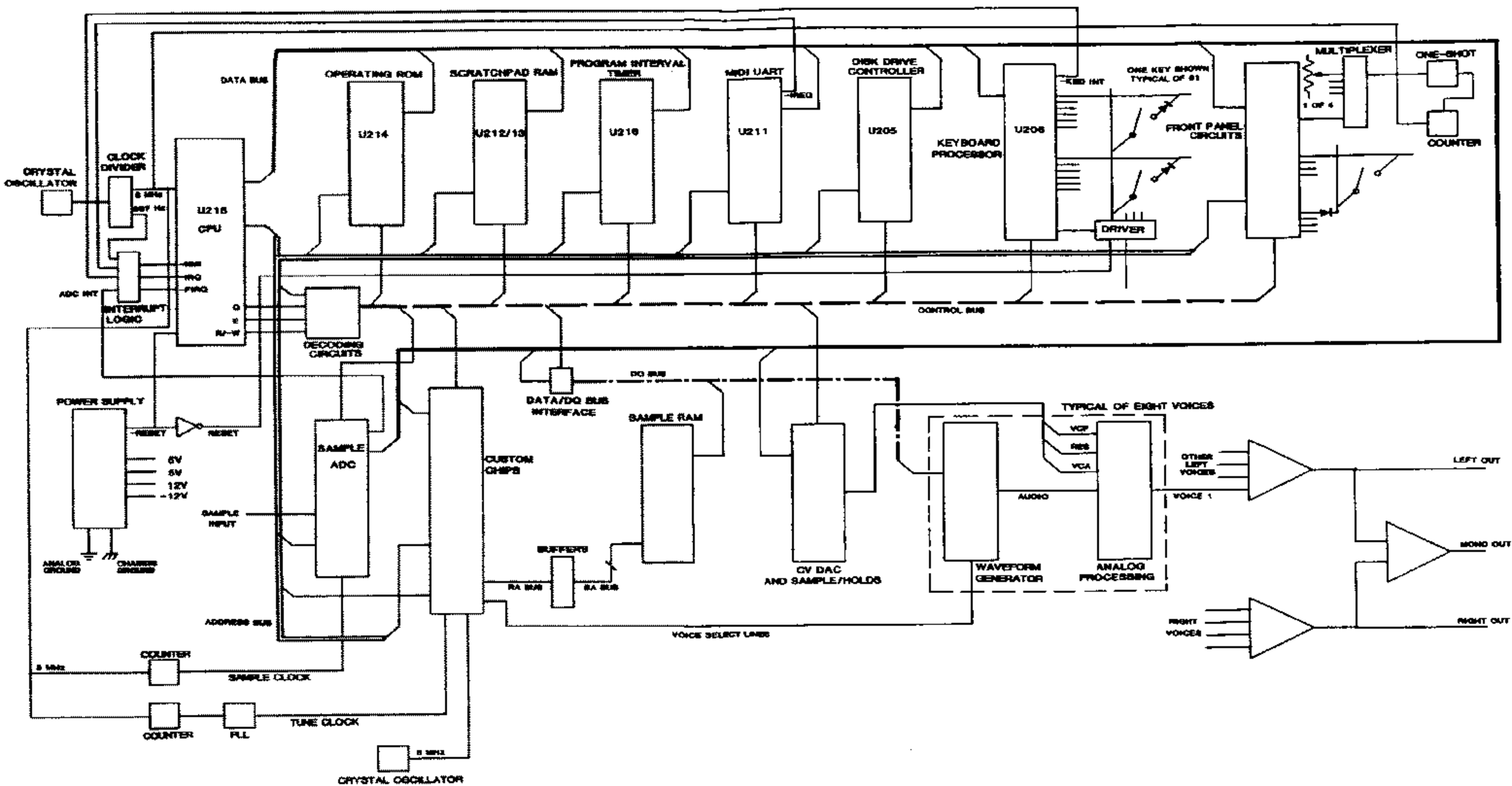


Figure 0.1
ABSTRACT SCHEMATIC

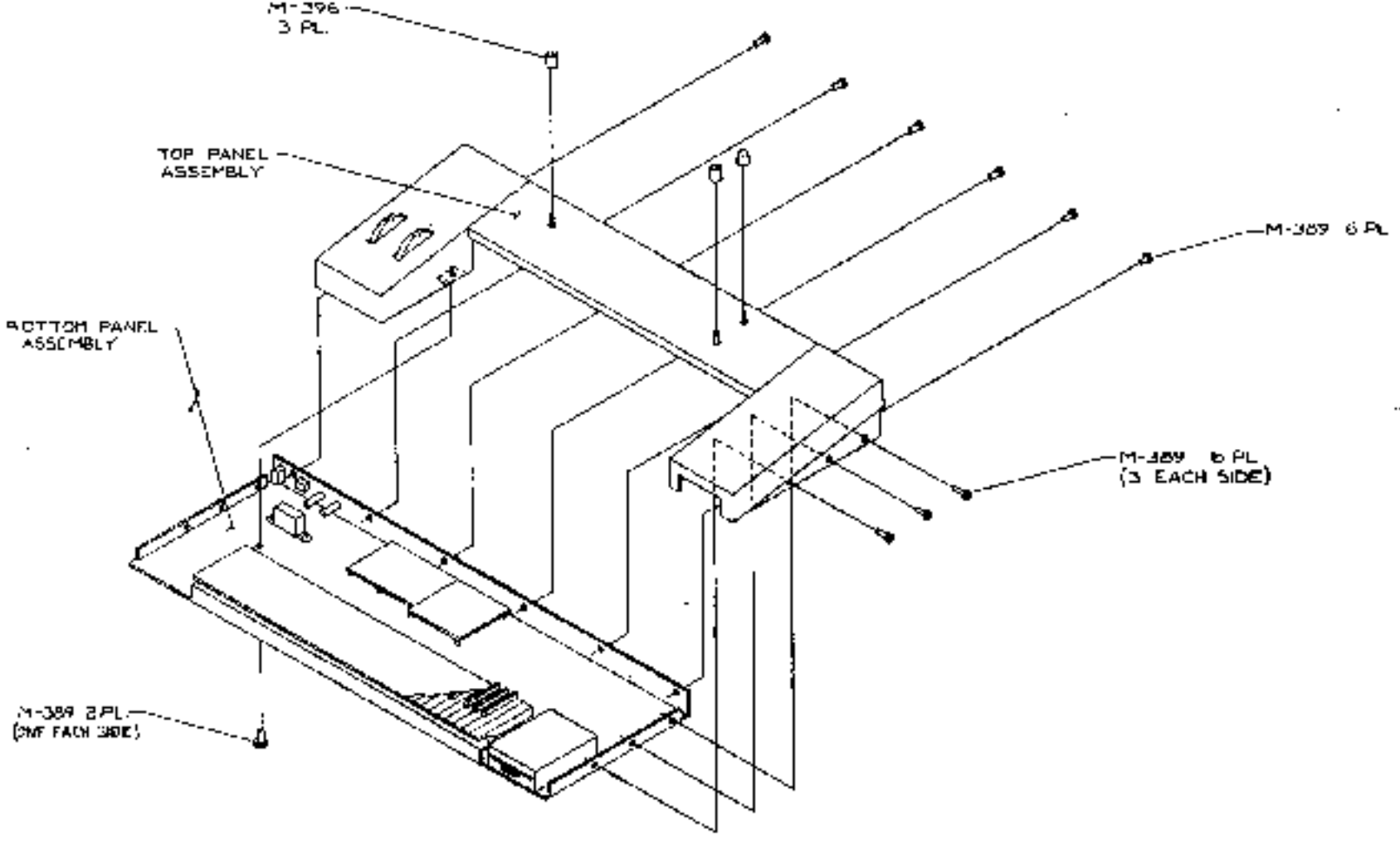


Figure 0.2
POSITION OF BOTTOM PANEL SCREWS

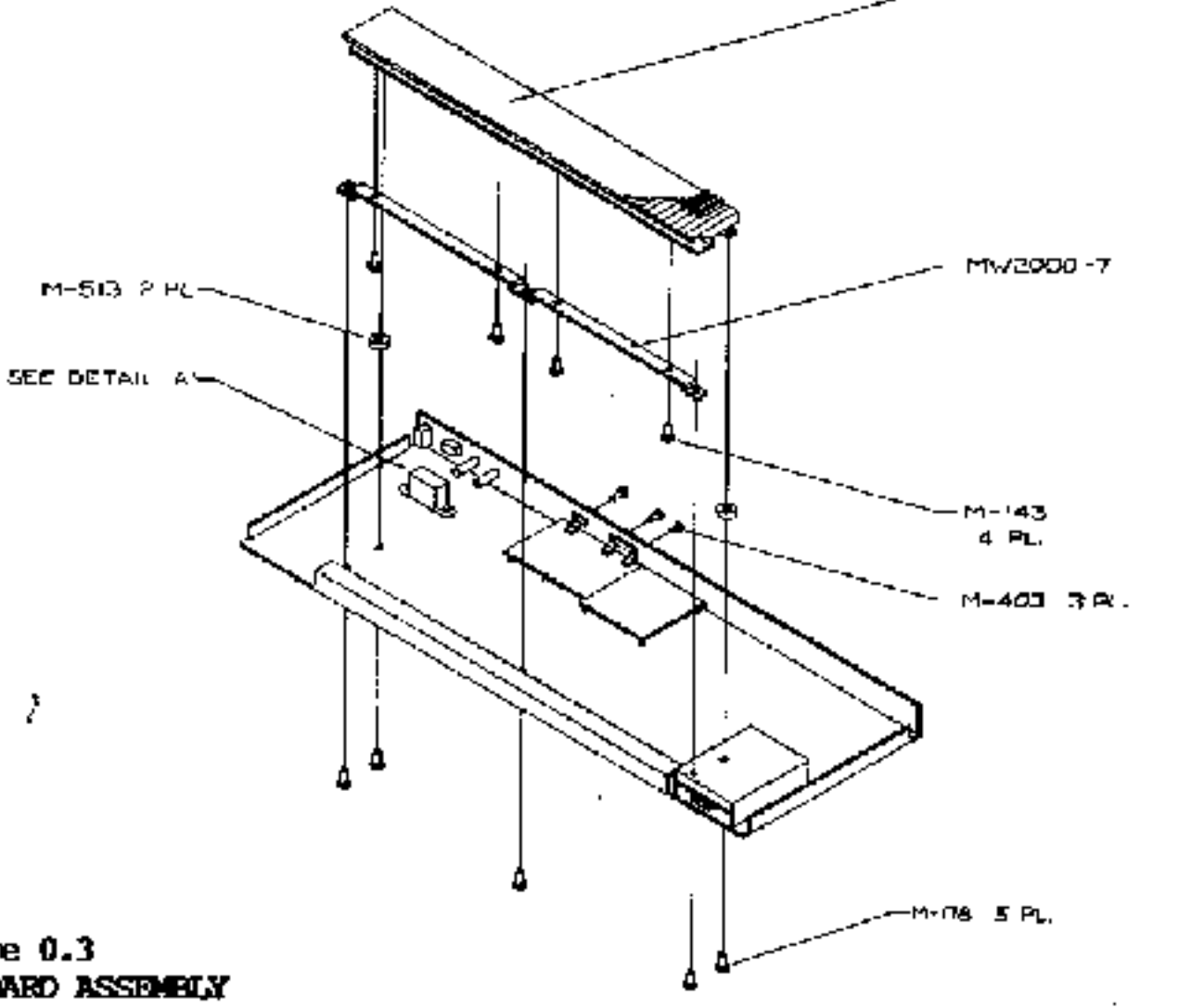


Figure 0.3
KEYBOARD ASSEMBLY

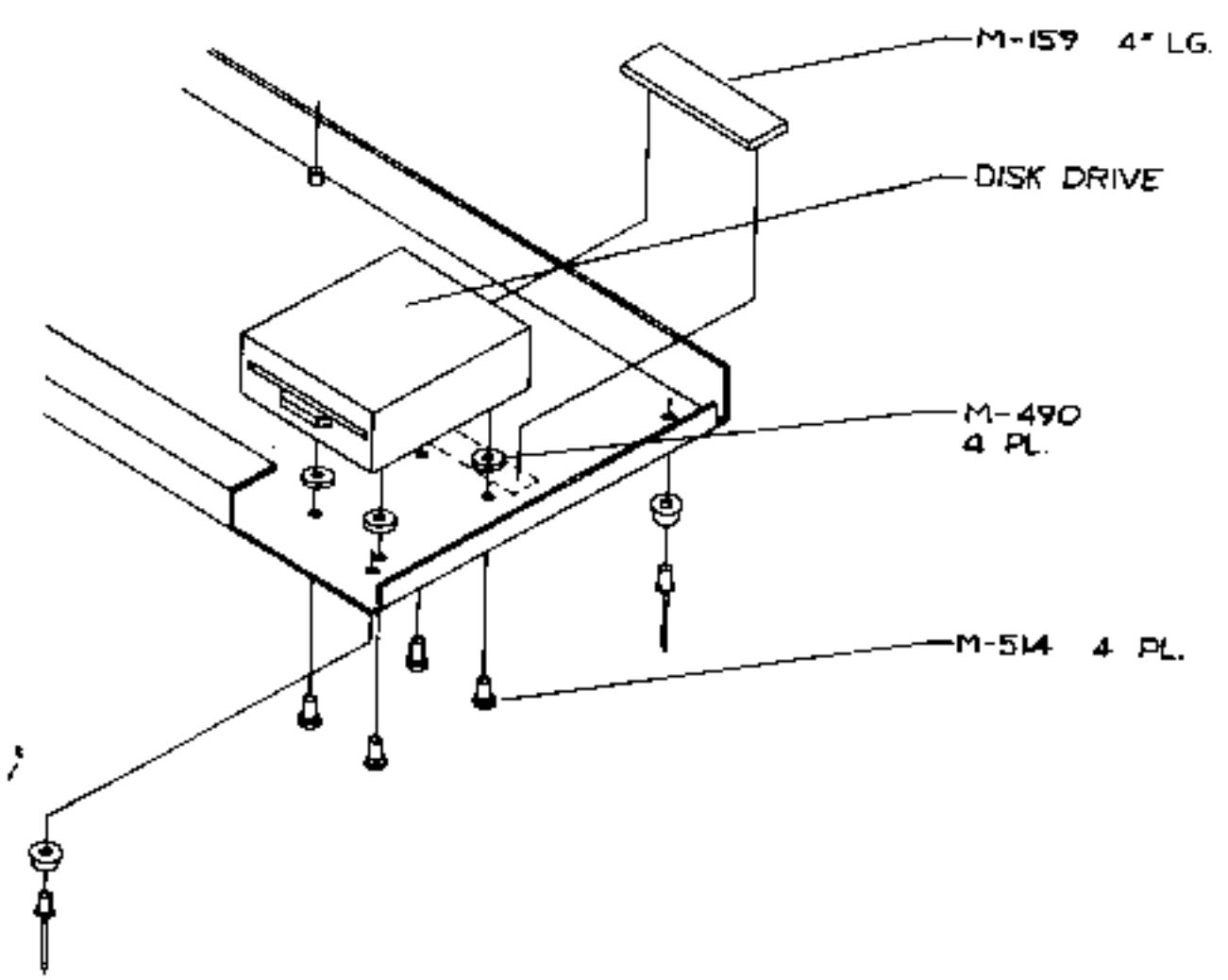
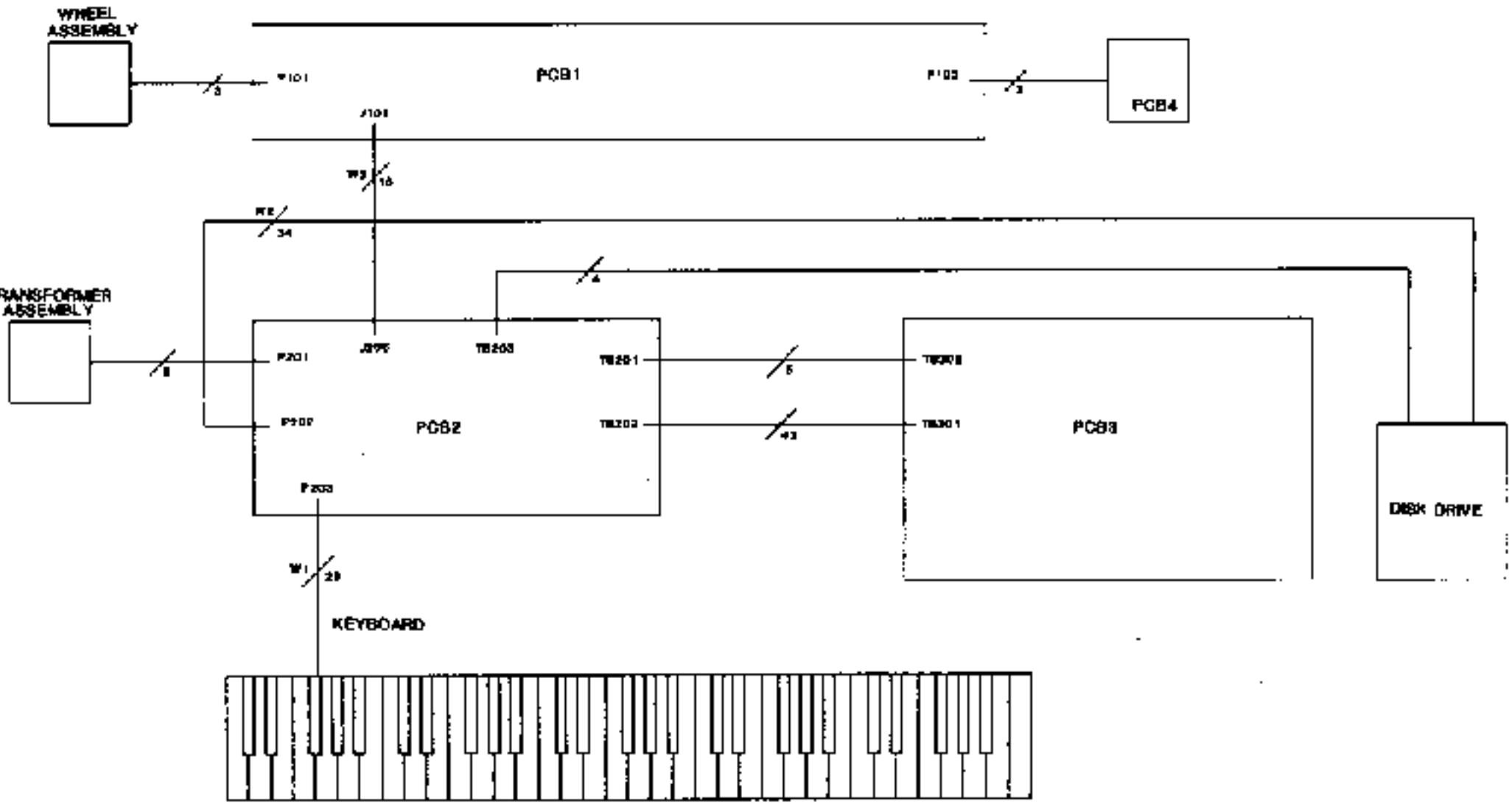
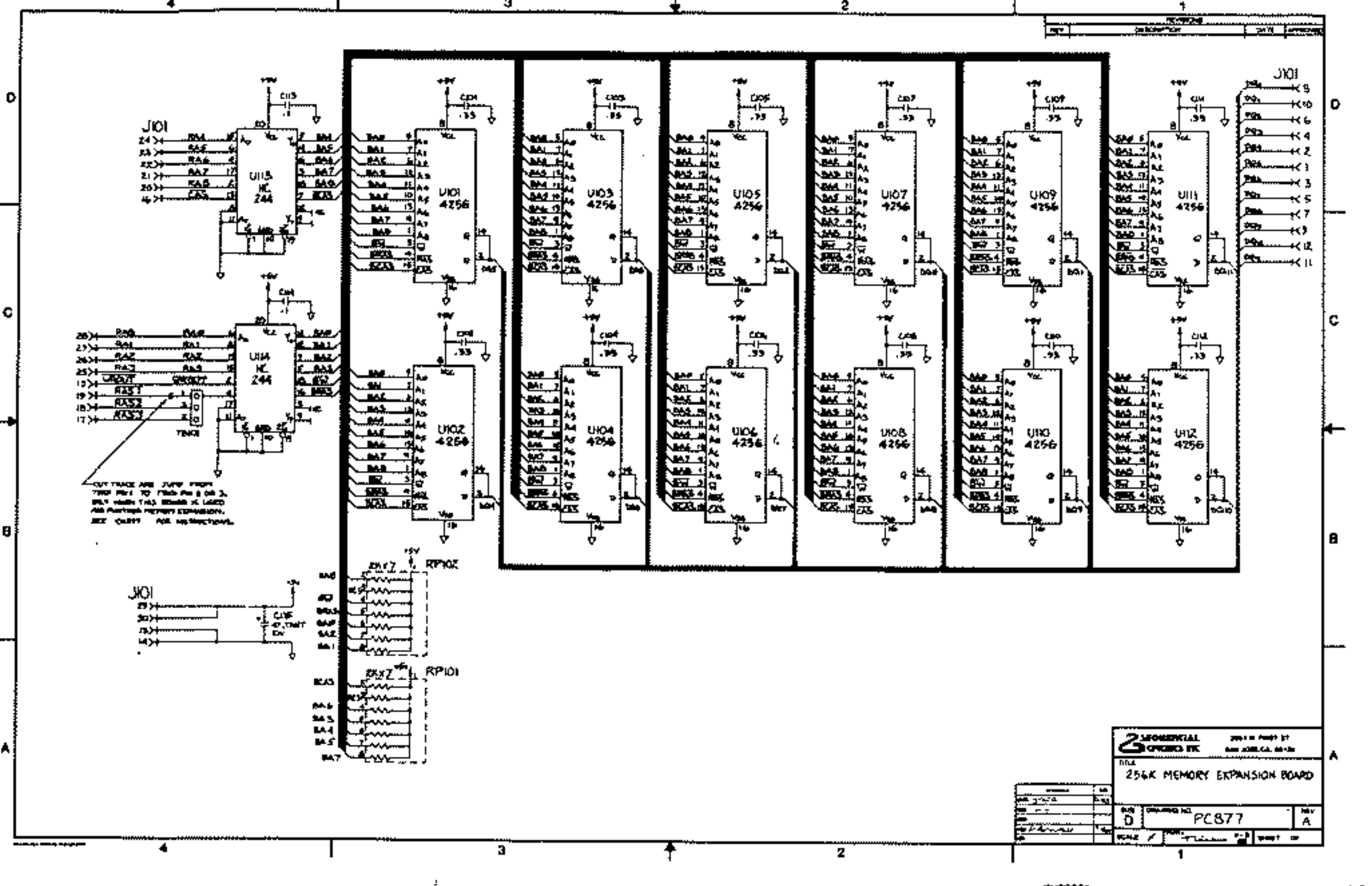


Figure 0.4
POSITION OF DISK DRIVE SCREWS

Figure 0.5
INTERCONNECTION DIAGRAM

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U115
74LS244
U114
74LS244
U101
4256
U102
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U103
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U104
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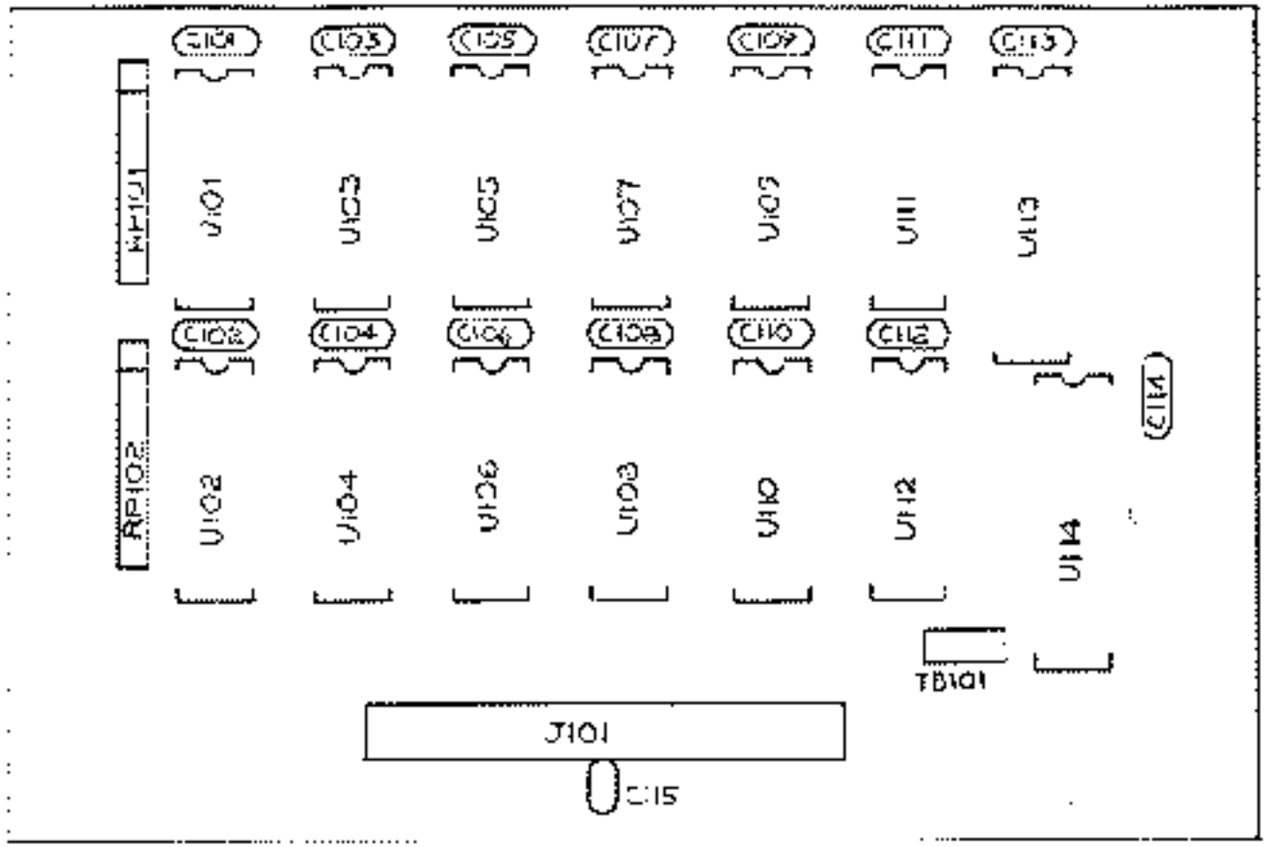
U106
4256
U107
4256
U108
4256
U109
4256
U110
4256
U111
4256
U112
4256
RP102
RP101
256K MEMORY EXPANSION BOARD
PC877
D
A

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



	272
NEXT ASSY	USED ON
APPLICATION	

DO NOT SCALE DRAWING

APPROVALS	DATE
DWN Ron Chaffee	7-9-87
CHECKED	
ENGR, ENGR	
MFGR, ENGR	
MFG, ENGR	

SEQUENTIAL CIRCUITS INC. 3051 N. FIRST ST. SAN JOSE, CA. 95134

TITLE: DESIGNATOR MAP

SIZE	DRAWING NO.	REV
B	PP877	52

SCALE: 2/1 SHEET 1 OF 1

FROM COMPUTER BD. J101
LED OUT
DATA BUS
U103 HC374
U101 3882
RP101 100Ω x 8
DS103 DS102 DS101
U104 HC174
U102
Q101 2N3904
LED SEL
U107 HC174
SW OUT
SW IN
RP102 22K SIP
U109 4503
U108 4503
C109 .1
U106 4051
P101
R1 100K PITCH
R2 100K MOD
R101 10K PARAMETER
R103 47Ω
C112 4.7uF TANT 10V
PC2000-4
TB401
R401 10K MASTER VOL.
R402 10K BALANCE
SEE WL2000-4 FOR WIRING DETAILS
U105 74LS221
POT O.S.
START POT
C111 47 TANT 16V
1/2 U105
UNUSED IC's
REVISIONS
REV A RELEASE PER ECO # 0-361
REV B CHANGE PER ECO # 0-356
SEQUENTIAL CIRCUITS INC
3051 N. FIRST ST. SAN JOSE, CA. 95134
DO NOT SCALE DRAWING
TITLE FRONT PANEL BD. SCHEMATIC
SIZE D
DRAWING NO. SD2000-1
REV B
SCALE: 1/4
SHEET 1 OF 1
NEXT ASSY USED ON
APPLICATION

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

DO NOT SCALE DRAWING	APPROVALS	DATE	SOUNDTRIAL CIRCUITS INC. 2061 N. FIRST ST. SAN JOSE, CA. 95134
			TITLE: SCHEMATIC, PCB COMPUTER BOARD
			SIZE: D — DRAWING NO.: SD2000-2 — REV: B1
			SCALE: — SHEET 1 OF 4

SPARES

P203 TO KEYBOARD

KEYBOARD MATRIX

U206 68B01 KEYBD PROCESSOR

U205 WD1770 FDC FLOPPY CONTROL

U204 4022

U203 4503

P202

FLOPPY DRIVE SIGNAL CONNECTOR 34-PIN DUAL-ROW .1" PIN BLOCK (MALE)

ALL PINS NOT SHOWN ARE NO CONNECTS + (* PIN 2, 4, 6, 12, 14, 34)

RLS FOOTSWITCH

AUX FOOTSWITCH

KEYBOARD PROCESSOR-FLOPPOINT-FTSW

SEQUENTIAL

SCHEMATIC, PC B

SD 2000-2

B

SHEET 2 OF 4

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

XFMR T1

TO FRONT PANEL

110 VAC — DETAIL A

220 VAC — DETAIL B

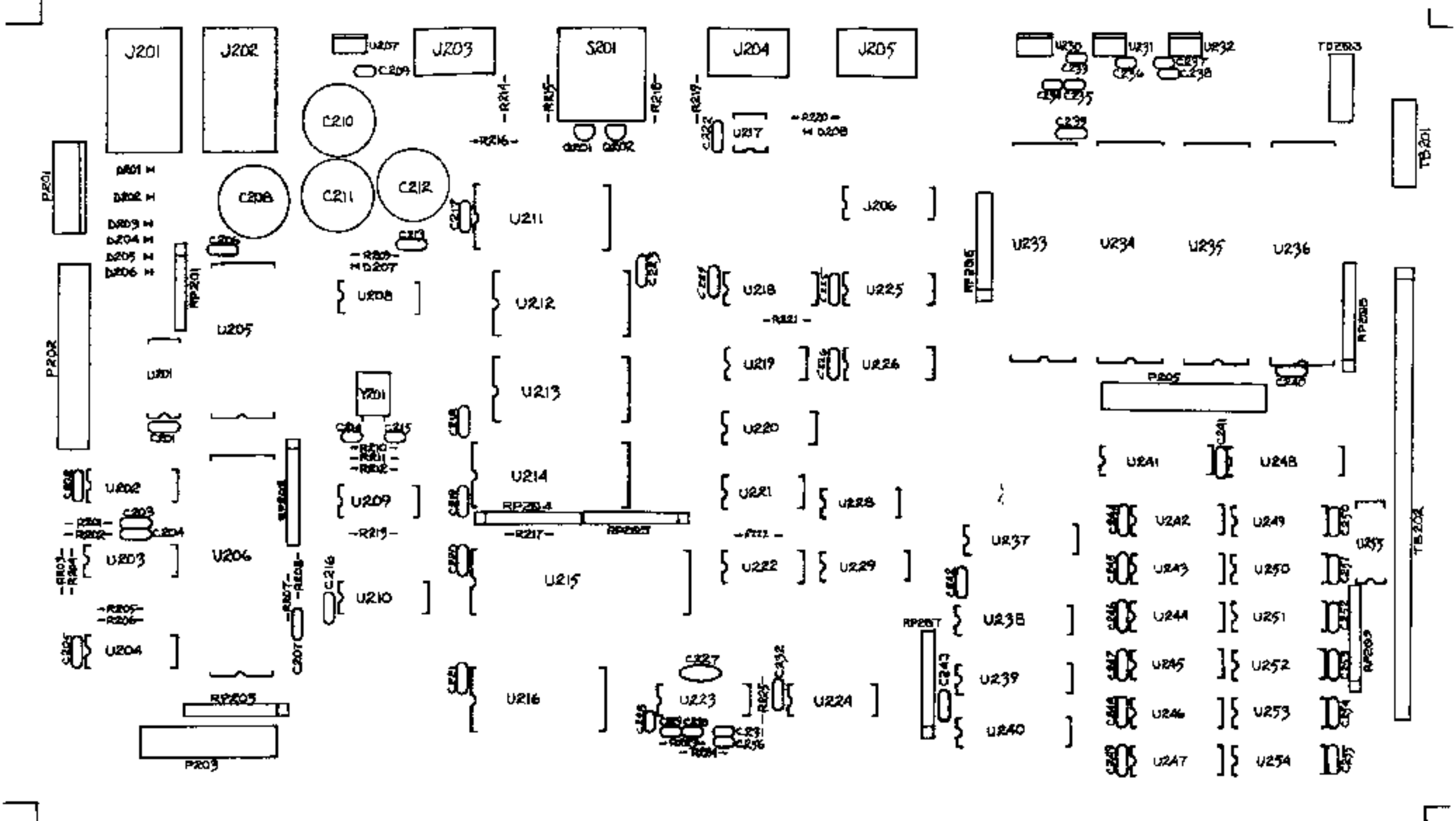
DIGITAL GND

ANALOG GND

CHASSIS GND

TITLE	SCHEMATIC, P.C.Bs., POWER SUPPLY
SIZE	D
DRAWING NO	502000-2
REV	H
SHEET	3 OF 4


REVISIONS
REV
DESCRIPTION
DATE
APPROVED
RA BUS
BA BUS
DATA BUS
ADDRESS BUS
SEQUENTIAL I-624
U236
CHANNEL 7, 8
U235
CHANNEL 5, 6
U234
CHANNEL 3, 4
U233
CHANNEL 1, 2
U248
HC244
U241
HC244
4256
RP206
RP208
RP209
RP207
HC 374
U255
HC32
P205
TO DAC
TB202
TH BUS
DO NOT SCALE DRAWING
APPROVALS
DATE
SEQUENTIAL CIRCUITS INC
3051 N. FIRST ST.
SAN JOSE, CA. 95134
TITLE
SCHEMATIC, P.C.B., SOUND BOARD & DIGITAL CIRCUITRY
SIZE
D
DRAWING NO.
SD2000-2
REV
B1
SCALE
SHEET 4 OF 4
2000
NEXT ASSY
USED ON
APPLICATION


J201
J202
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S201
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J205
TP2503
TB201
P201
P202
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U212
U213
U214
U215
U216
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Y201
RP201
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RP203
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RP206
RP207
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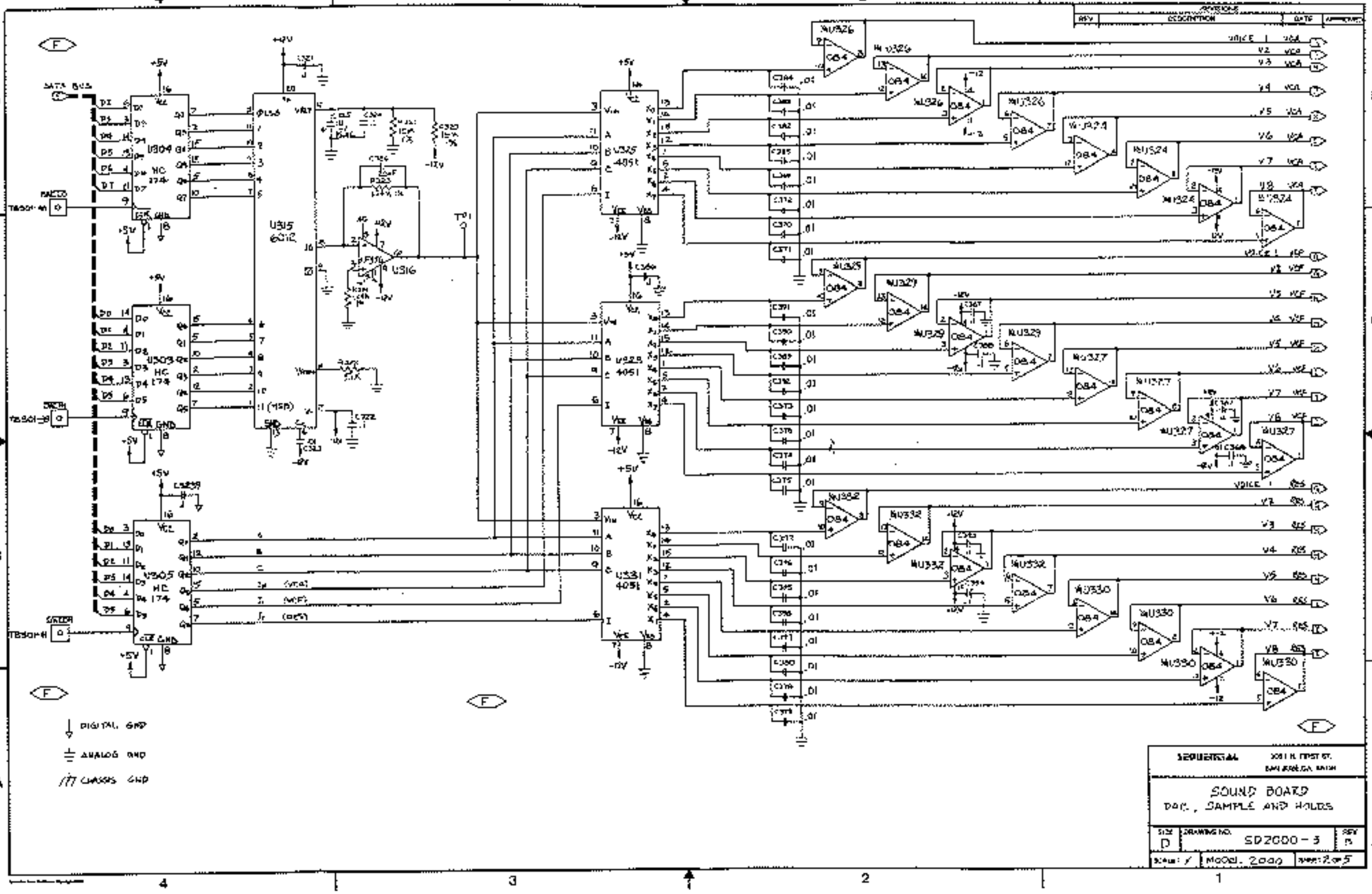
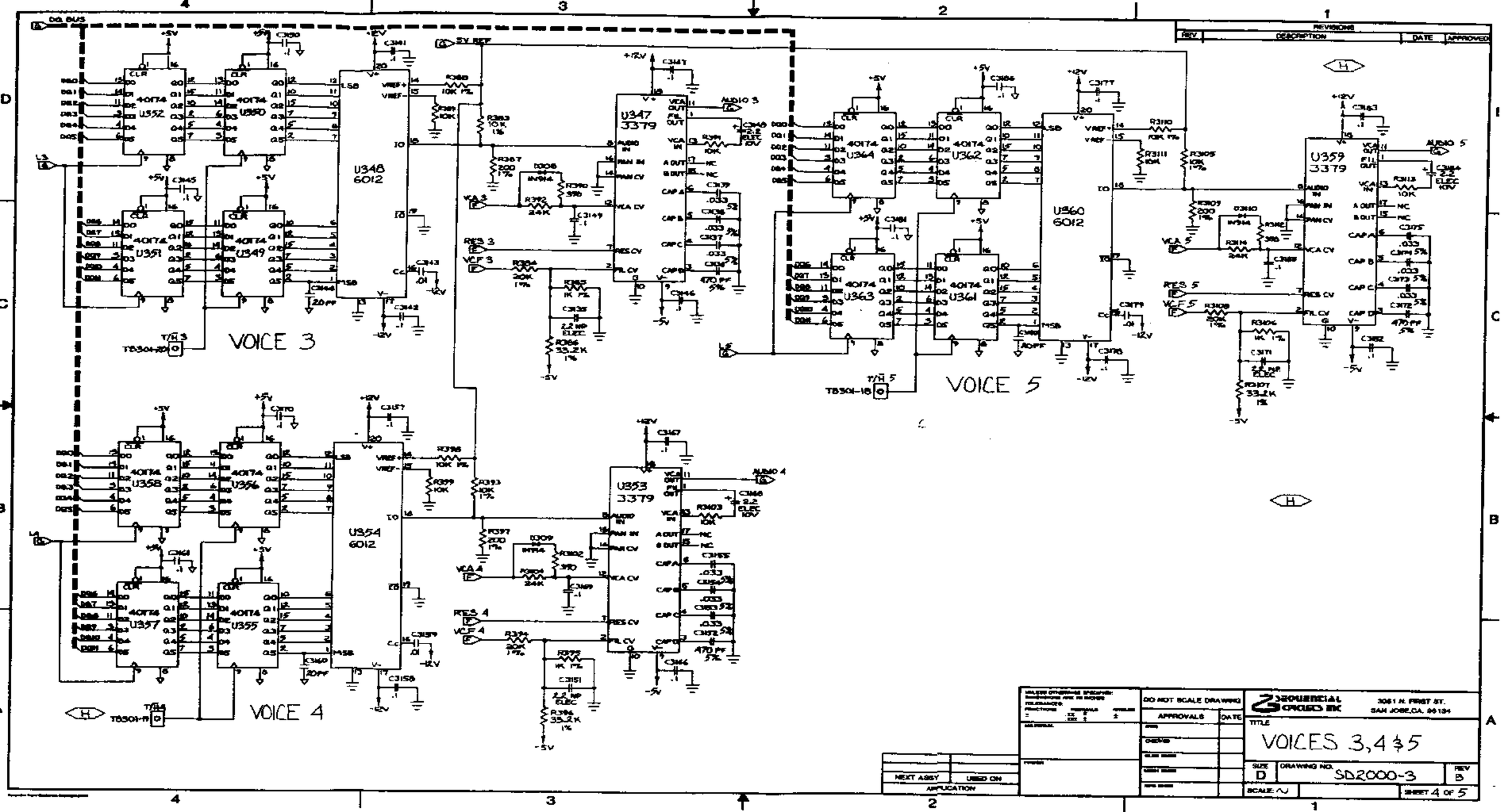

SOUND BOARD
DAC, SAMPLE AND HOLDS
SD2000-3
Model 2000
DIGITAL GND
ANALOG GND
CHASSIS GND

REVISIONS			
REV	DESCRIPTION	DATE	APPROV

VOICE 1

VOICE 2

		DO NOT SCALE DRAWING	SEQUENTIAL CIRCUITS INC. 3051 N. FIRST ST. SAN JOSE, CA. 95134
		APPROVALS / DATE	TITLE VOICES 1+2 OUTPUT CIRCUITRY
			SIZE D · DRAWING NO. SD2000-3 · REV
NEXT ASSY	USED ON		SCALE ~ · SHEET 3 OF 5
APPLICATION			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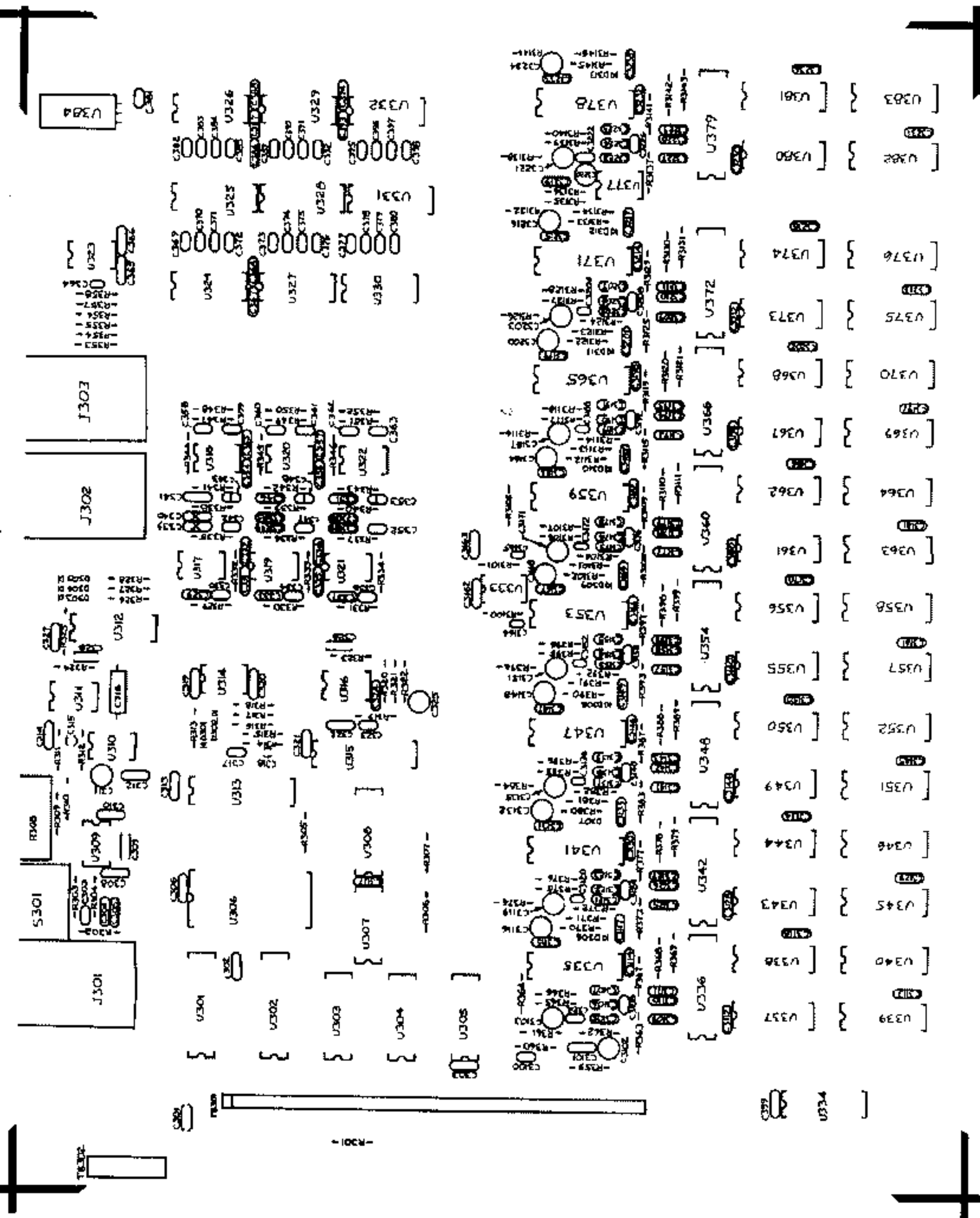
VOICE 4
VOICE 5
U348 6012
U354 6012
U360 6012
U347 3379
U353 3379
U359 3379
U352
U350
U351
U349
U358
U356
U357
U355
U364
U362
U363
U361
T8501-20
T8501-19
T8501-18
T8501-17
REVISIONS
REV
DESCRIPTION
DATE
APPROVED
DO NOT SCALE DRAWING
APPROVALS
DATE
SEQUENTIAL CIRCUITS INC
3051 N. FIRST ST.
SAN JOSE, CA. 95134
TITLE
VOICES 3, 4 & 5
SIZE
D
DRAWING NO.
SD2000-3
REV
B
SCALE: NONE
SHEET 4 OF 5
NEXT ASSY
USED ON
APPLICATION

VOICE 6

VOICE 8

VOICE 7

VOICES 6/7/8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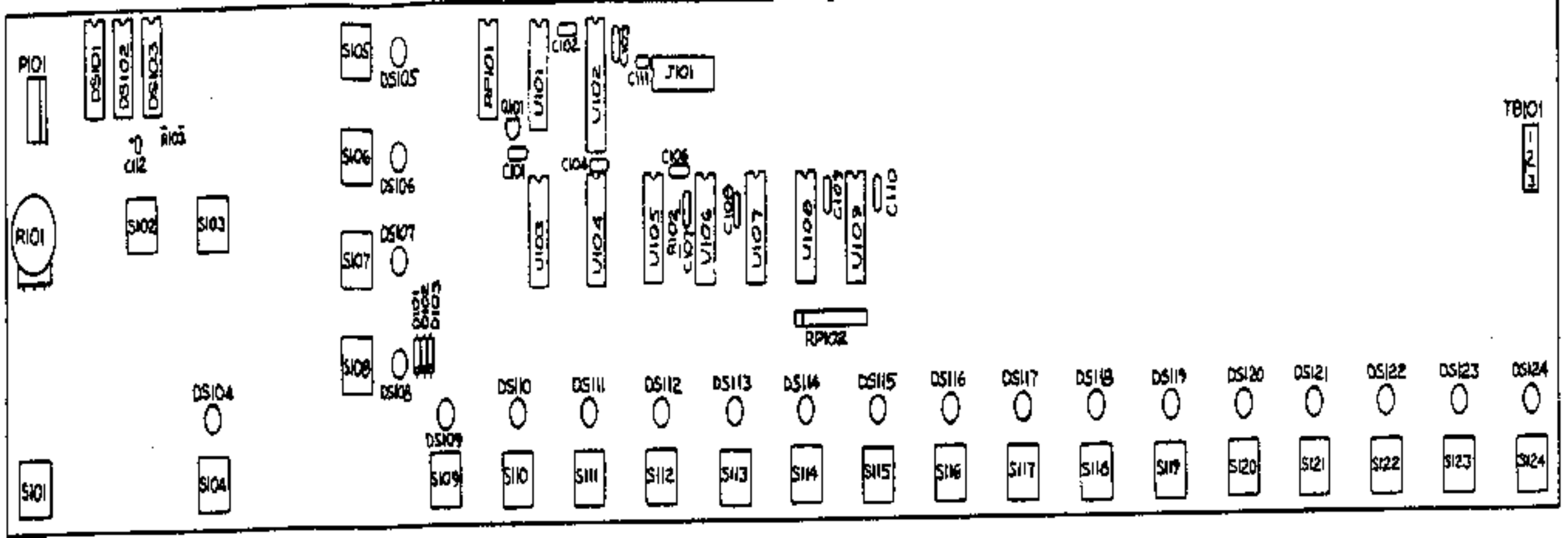
R348
TP302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DS108
DS104
S104
S101
DS109
S109
RP101
C102
C103
U101
U102
C111
J101
C101
C104
U103
U104
U105
R102
C107
C106
U106
C108
U107
U108
C109
U109
C110
RP102
TB101
DS110
DS111
DS112
DS113
DS114
DS115
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