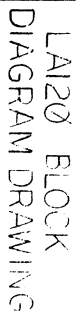


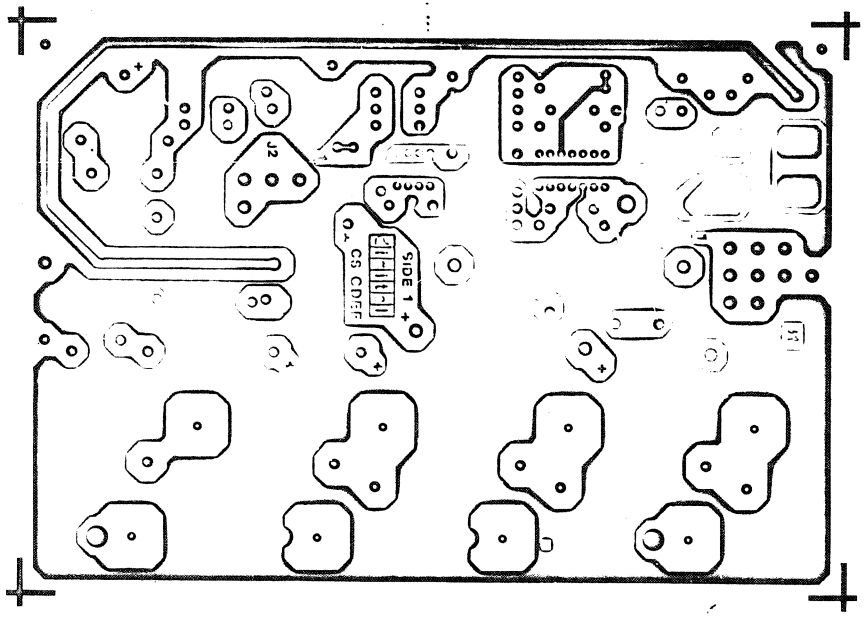
20 MA ASSY
7016059-00



SIGNATURES		DATE	digital			
DRN.	<i>[Signature]</i>					
CHK'D.	<i>[Signature]</i>	<i>[Date]</i>				
ENG.						
PROJ. ENG.	<i>[Signature]</i>	<i>[Date]</i>	TITLE			
PROD.	<i>[Signature]</i>	<i>[Date]</i>	LA120 POWER SUPPLY			
SCALE	<i>[Signature]</i>		SIZE/ CODE	NUMBER	REV	
SHT.	1 OF 3		UA	5410044-0-0	C	
NEXT HIGH XREF. 6-BD-5410044-0						

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5013043D
5413044

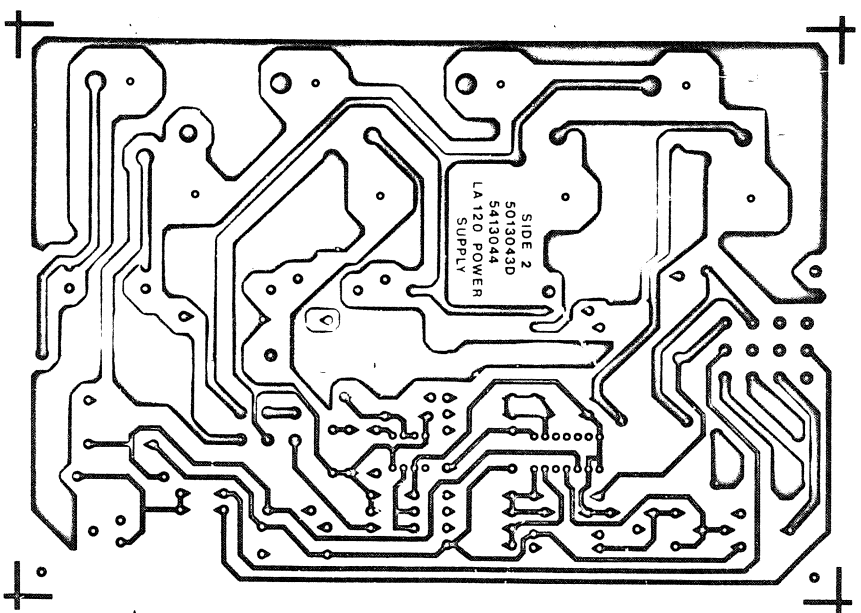


VIEWED FROM SIDE 1

REV	DATE	BY	CHK

TITLE	SCALE	SHEET	OF	DATE	NUMBER	REV
LA120 POWER SUPPLY		2	3		EUA 5413044-0-0	C

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VIEWED FROM SIDE 2

REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		LAI20POWER SUPPLY	
SYMBOL	QUANTITY	UNIT	REMARKS
E	UA	5A13044	Ø-Ø C

LINE ITEM	DOCUMENT NO.	PART NO.	DESCRIPTION	QTY	REFERENCE DESIGNATORS
1	E-MD-5013043-0-0	5013043-00	LA120 PWR SUPPLY MAIN, BRD	1	
2		1000075-00	25 MFD 25V 5% 30D AL EL	1	C15
3		1001610-00	.01 MFD 50V 75UL 309CER/8000PF MIN	2	C17,C18
4		1005507-00	1 MFD 100V 5% 30D AL EL	1	C19
5		1009433-00	190 MFD 12V 5% 30D AL EL	1	C16
6		1012607-00	560 MFD 20V 5% 672D AL EL	2	C3,C4
7		1012607-04	270 MFD 40V 5% 672D AL EL	1	C20
8		1013466-11	.22 MFD 50V +80/-20% CER.	10	C5,C6,C7,C8,C9,C10,C11,C12,
9		1014526-00	180 MFD 40V 5% AL EL	2	C1,C2
10		1105786-00	1N 4004 FET=400 I=1A DOA1 SP	2	D3,D4
11		1105873-00	.4M5,1Z1 VZ= 5.1 1% .400W	1	D5
12		1109502-00	1N 4742 VZ= 12.0 10% 1W Y	1	D6
13		1110615-00	MR 752 FIV=200 I=22A A264 SM	2	D1,D2
14		1209070-00	FUSE, SUB-MINI, 5.000A, 125V, RADIAL LEAD	1	F1
15		1209336-00	JACK, 1 LINE	2	
16		1212287-05	MATE-N-LOK 6PIN UNIT.	1	J2
17		1212297-06	MATE-N-LOK 12PIN UNIT.	1	J1
18		1213071-02	INSULATOR,RUBBER SILICONE SM	2	
19		1215217-00	HEAT SINK,TO-3,ALUM	1	
20		1300288-00	270 2W 10% CC	1	R1
21		1300296-00	330 1/2W 5% CC	1	R25
22		1300319-00	470 1W 5% CC	1	R24
23		1300365-00	1 K 1/4W 5% CC	2	R3,R4
24		1300400-00	1.8 K 1/2W 10% CC	2	R7,R8
25		1300426-00	2.7 K 1/4W 5% CC	1	R23
26		1302092-00	220 K 1/4W 5% CC	2	R13,R14
27		1302124-00	18 K 1/4W 5% CC	1	R2
28		1302445-00	18 K 1/4W 5% CC	1	R26
29		1303114-00	1.0 K 1/4W 1% RN55D-F 100PFM	2	R11,R12
REVISION HISTORY VARIATIONS FOR THIS ASSY.					
CHK	ECO NO	REV	FIRST USED ON: HZ110	DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
---	INIT	C	MADE BY: VIN PARECHANIAN/DATE: 13-MAR-78	PARTS LIST	
---	---	---	CHECKED: T SHELRAWSKI DATE: 5-APR-78	LA120 POWER SUPPLY	
---	---	---	DSN.ENG.: CHARLES BUTALA DATE: 13-MAR-78	SIZE CODE: DOCUMENT NUMBER REV	
---	---	---	PROD.: JAMES JOYCE DATE: 30-MAR-78	K PL 5413044-0-DBF C	
---	---	---	RESP.ENG.: CHARLES BUTALA DATE: 13-MAR-78	ASSY.NO.: E-VA-5413044-0-0	
---	---	---	---	ED114 8	

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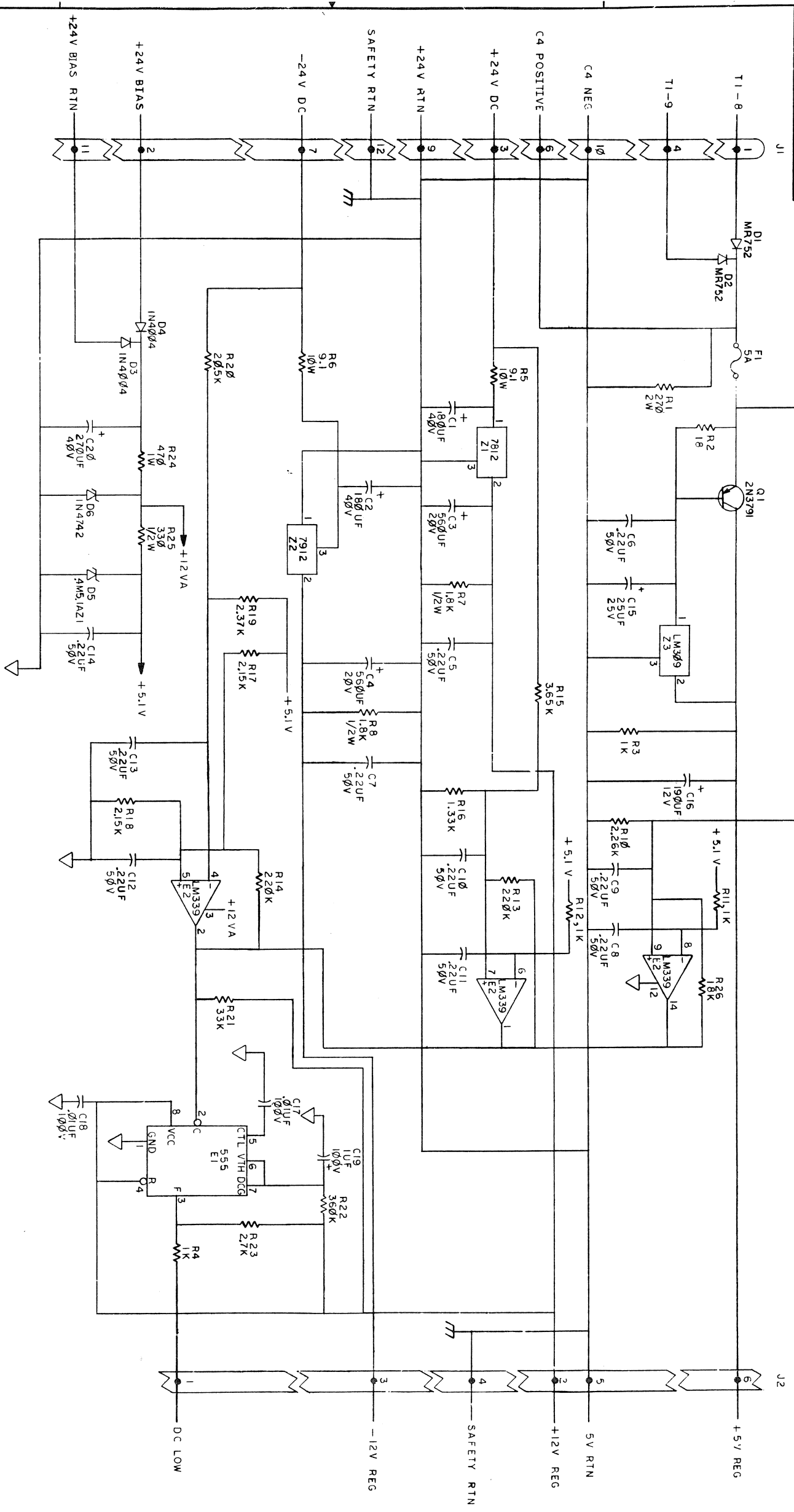
COPYRIGHT 1978, DIGITAL EQUIPMENT CORPORATION.

LINE ITEM	DOCUMENT NO.	PART NO.	DESCRIPTION	QTY	REFERENCE DESIGNATORS
30		1304835-00	3.65 K 1/4W 1% RN55D-F 100PFM (13-00	1	R15
31		1310630-00	1.33 K 1/4W 1% RN55D-F 100PFM (13-00	1	R16
32		1310632-00	2.37 K 1/4W 1% RN55D-F 100PFM (13-00	1	R19
33		1311653-00	2.15 K 1/4W 1% RN55D-F 100PFM (13-00	2	R17,R18
34		1312933-00	360 K 1/4W 5% CC (13-00	1	R22
35		1313349-00	33 K 1/4W 5% CC (13-00	1	R21
36		1313846-00	2.26 K 1/4W 1% RN55D-F 100PFM (13-00	1	R10
37		1314520-00	9.1 10W 5% W (13-0	2	R5,R6
38		1315096-00	1.87K 1/4W 1% RN55D-F 100PFM (13-00	1	R9
39		1315097-00	20.5 K 1/4W 1% RN55D-F 100PFM (13-00	1	R20
40		1509581-00	2N 3791 PNP 150MC SI 60 30 M\$	1	Q1
41		1910460-00	DEC 309 VOLT,REG,FIX +15V 1.0A	1	Z3
42		1911944-00	555CN TIMER,FUNCT,BLOCK	1	E1
43		1912048-00	DEC 7812-00 VOLT,REG,FIX +12V 1.5A	1	Z1
44		1912108-00	339 VOLT CMFTR,QUAD	1	E2
45		1914517-00	7912 VOLT,REG,FIX -12V 1.5A	1	Z2
46		9006507-00	RIKET, BLIND, .125 DIA X .257 LG	4	
47		9006658-00	WASHER, FLAT, .375 O.D. X .144 I.D. X .062	4	
48		9006707-00	WASHER, NYLON, FLAT #6 .312 OD X .032 THK	4	
49		9007793-01	SCREW,PAN ,PHIL, 6-32X 9/16 SS/PAS	8	
50		9007801-00	WASHER, LOCK, S.S. #6	8	
51		9008957-00	NUT,HEX , 6-32X 1/4 AF X 3/32 THK SS	8	
52		9009676-00	TERMINAL, SOLDER,FOR TERMINAL	4	
53		9009775-00	WASHER, FLAT, 5/16 OD X 9/64 ID X .031 THK	8	
54		9009798-00	SPACER, CERAMIC, .186 DIA X .078 ID X .75 LG	4	

DIGITAL EQUIPMENT CORPORATION		TITLE		PARTS LIST		SIZE	CODE	DOCUMENT NUMBER	REV
MAYNARD, MASSACHUSETTS				LA120 POWER SUPPLY		K	FL	5413044-0-DBP	C

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NOTES:
1. ALL RESISTORS ARE TO BE 1/4 W
UNLESS OTHERWISE NOTED.



REV.	CHANGE NO.	REVISIONS
1		

DRN	LA120	11/3/78	FIRST USED ON	LA120
CHKD	LA120	5/11/78	TITLE	LA120 POWER SUPPLY
ENG	LA120	5/11/78	PROD. ENG.	LA120
PROD. ENG.	LA120	5/11/78	PROD. ENG.	LA120
SCALE	1:1		SCALE	1:1
SHEET	1		SHEET	1

1

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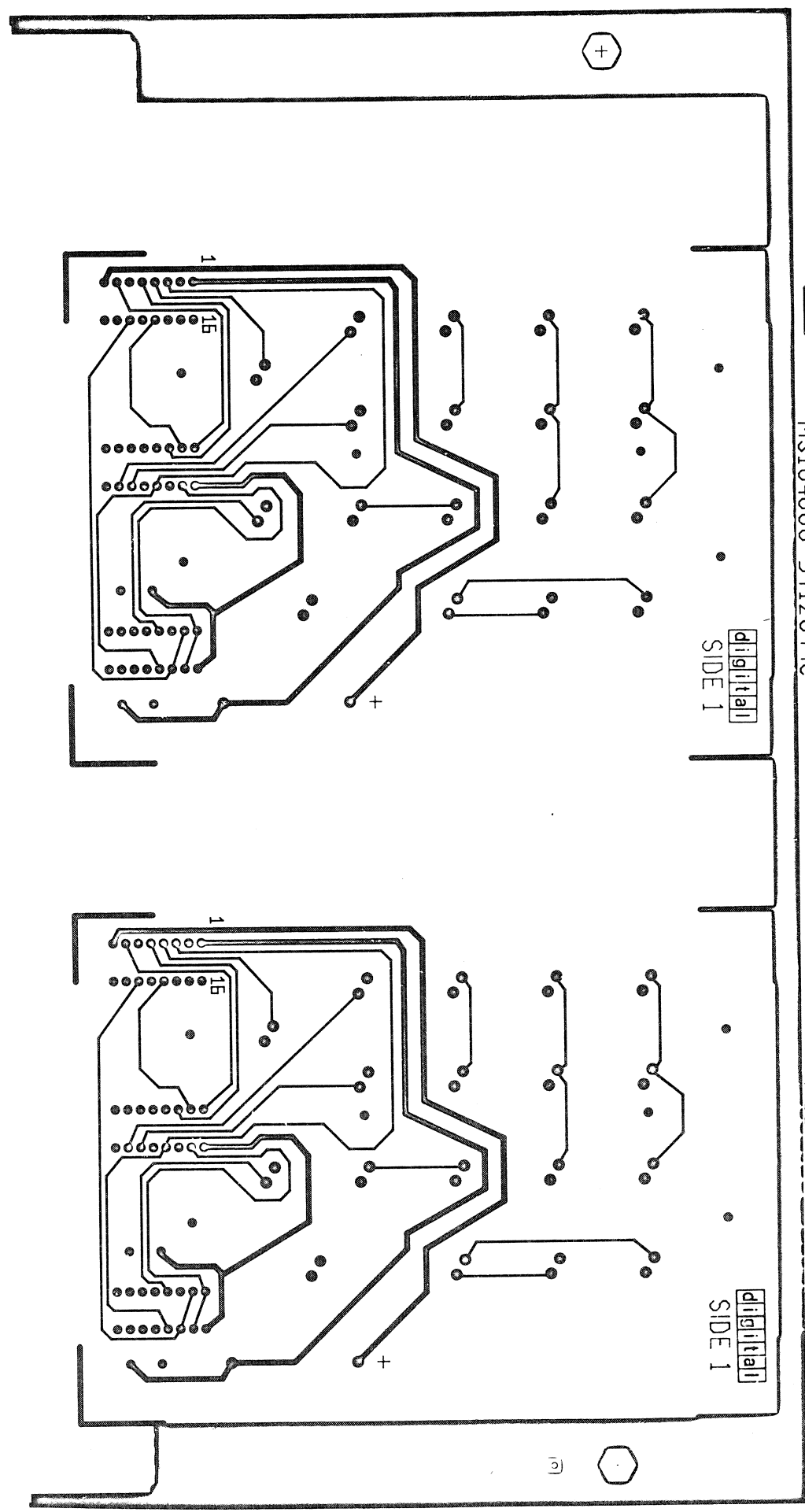
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STYR	CODE	NUMEROUS	REV
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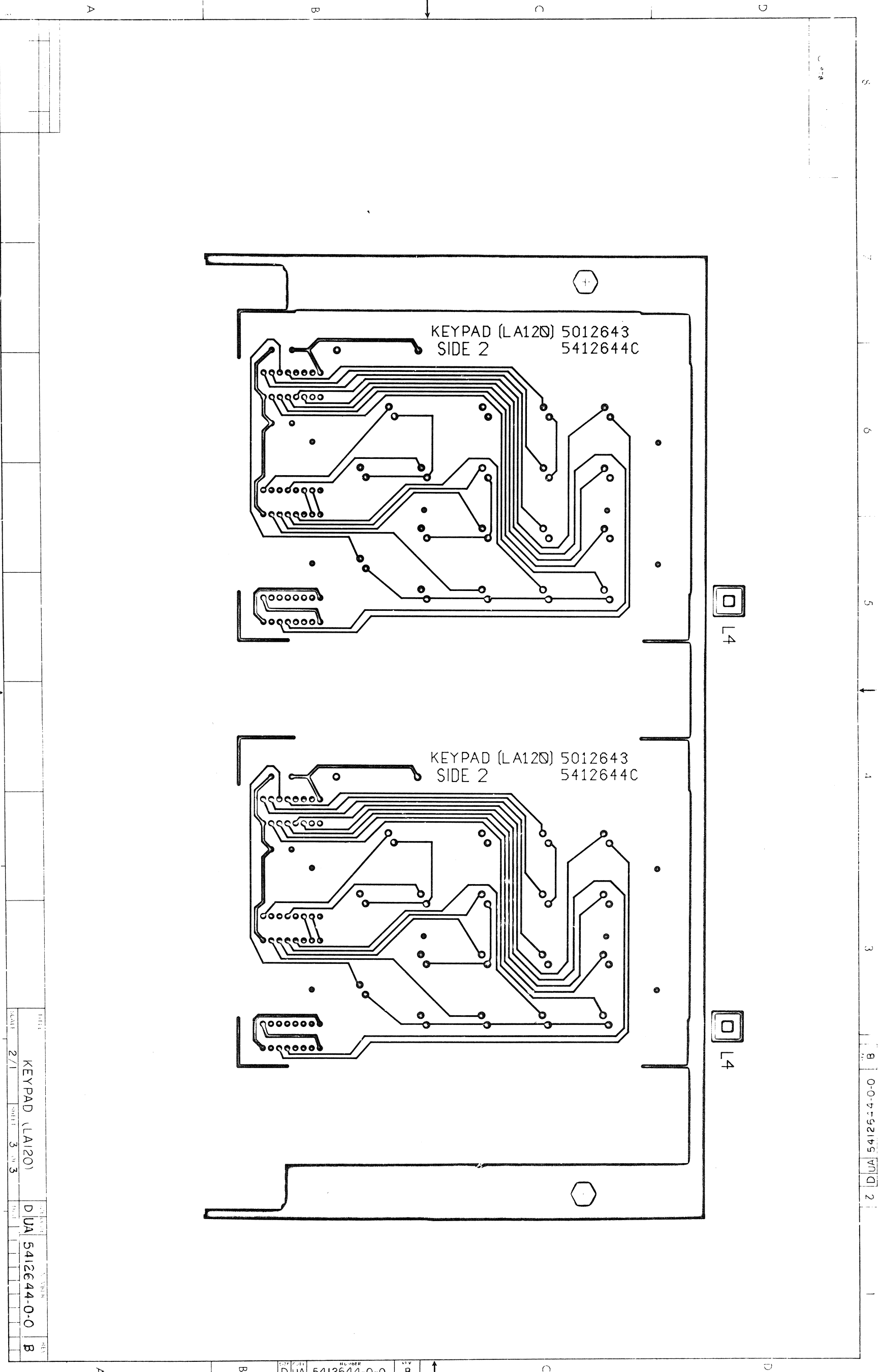
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L1  KEYPAD (LA120) 5012643
MS104688 5412644C

L1  KEYPAD (LA120) 5012643
MS104688 5412644C



FILE	KEYPAD (LA120)	D	UA	5412644-0-0	B
DATE	2/1	DATE	2	00	3



TITLE	KEYPAD (LA120)	DATE	2/1	SHEET	3	OF	3
REV	D	DATE	1/1	REV	1	DATE	1/1

AUTOMATED BY PRLST 1D(10)

PARTS LIST

SHEET 1 OF 1

LINE ITEM DOCUMENT NO.

PART NO.

DESCRIPTION

QTY REFERENCE DESIGNATORS

1	1	5012643-00	KEY PAD (LA120) (ETCH BRD.)	1	
2	2	1001610-00	.01 MFD 50V Z5U 309CER/8000PF MIN	2	C2,C3
3	3	1211813-02	SOCKET 16PIN IC LOW PROFILE,GOLD PLATE	1	J1
4	4	1913950-00	LS156 DECODER,2 OF 4(DUAL) & DEMUX	2	E101,E102
5	5	7014561-00	18 KEY NUMERIC PAD ASSY	1	
6	6	9010033-00	SCREW,PAN,PHILLIPS, 4-24 X 3/8 TYPE 25	2	

REVISION HISTORY VARIATIONS FOR THIS ASSY.

CHK ECO NO REV

INIT B 00

FIRST USED ON: LA120

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

MADE BY: M.RIPLEY

DATE: 15-FEB-78

TITLE

PARTS LIST

CHECKED: M.PICARD

DATE: 15-FEB-78

KEYPAD (LA120)

DSN.ENG.: R.LOMICKA

DATE: 07-MAR-78

SIZE: CODE: DOCUMENT NUMBER

REV

PROD.: J. JOYCE

DATE: 07-MAR-78

K PL 5412644-0-DBP

B

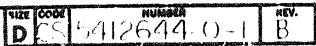
RESP.ENG.: R.LOMICKA

DATE: 07-MAR-78

ASSY.NO.: D-UA-5412644-0-0

EDIT# 9

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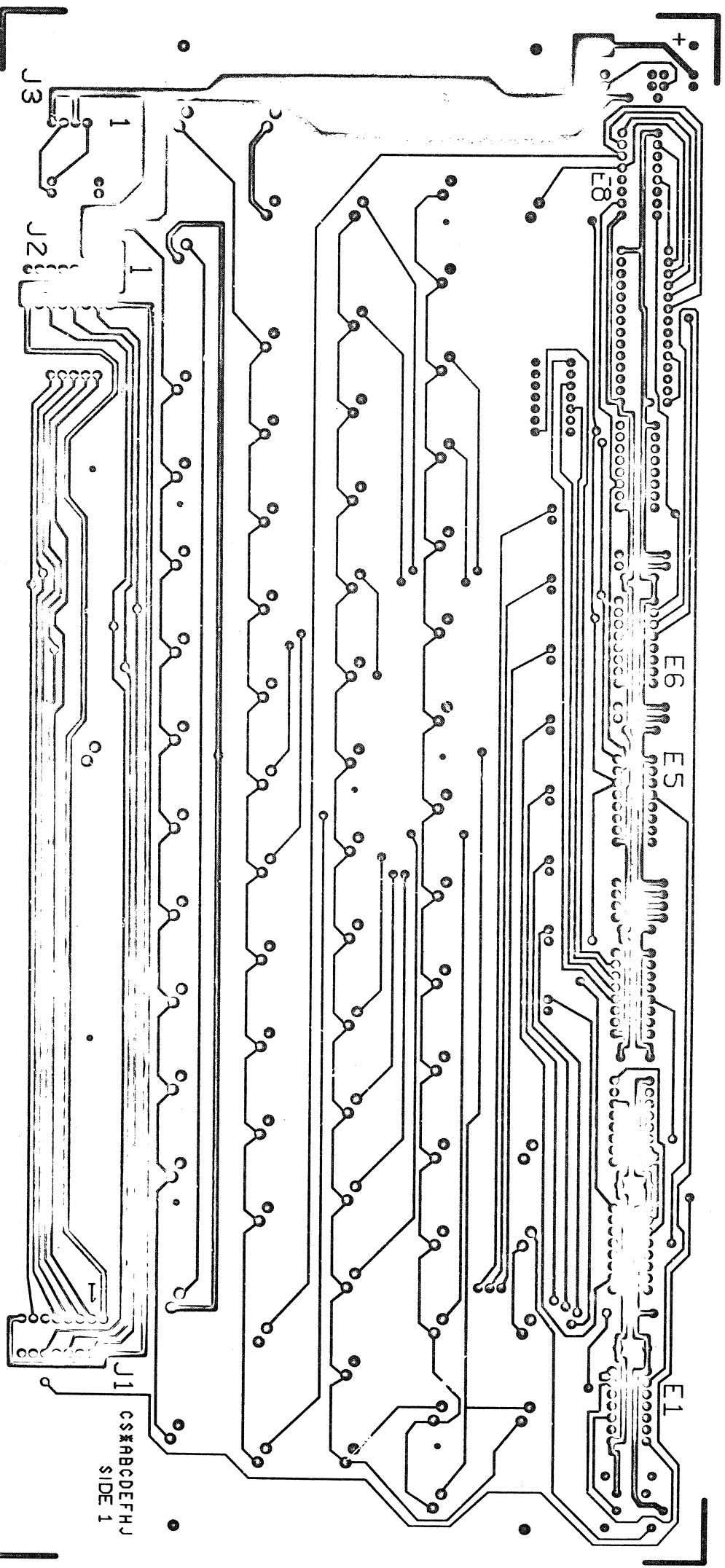
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0 0-0-2492145 UN D 2

L1

5412642

5012641D



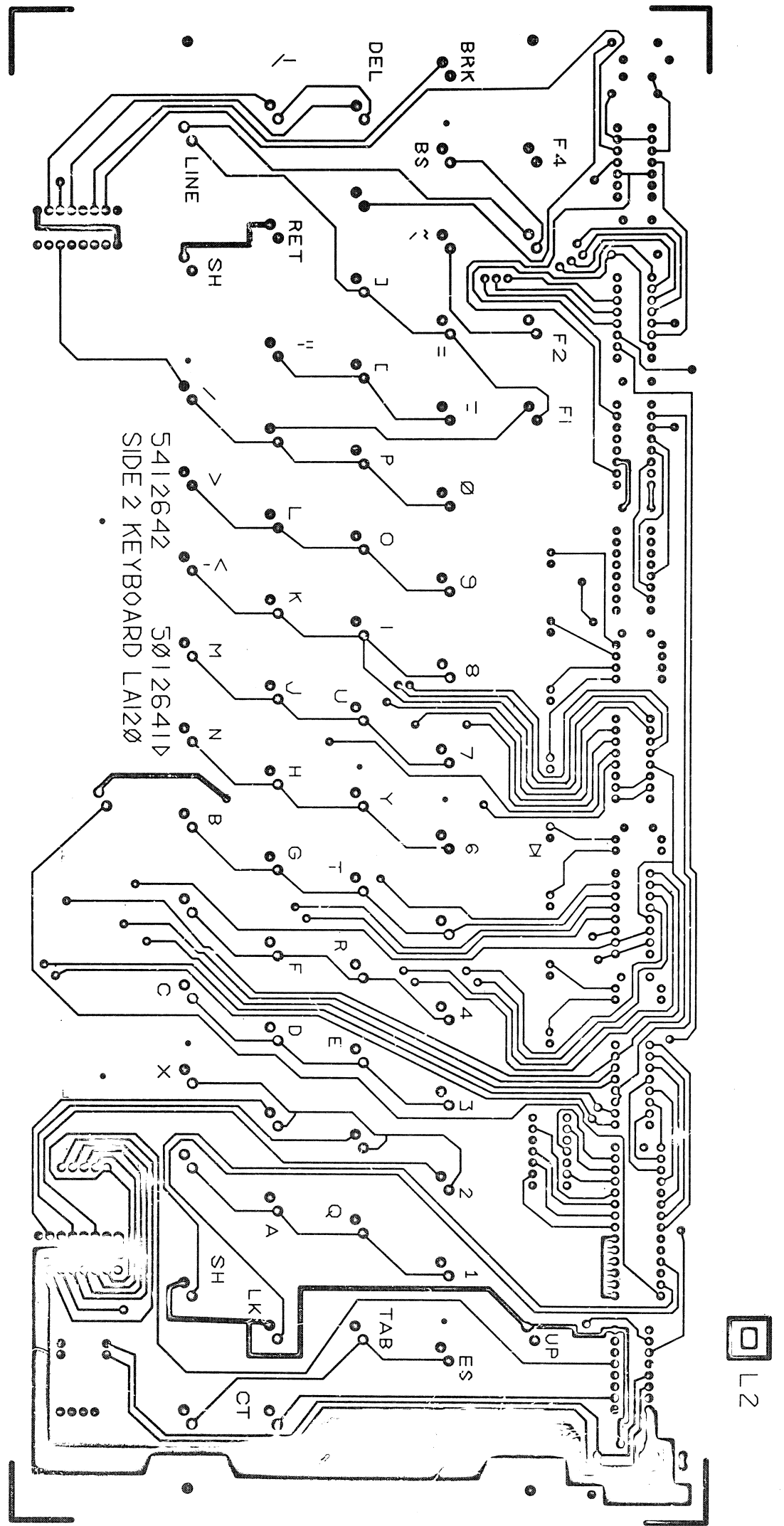
REV	DATE	BY	CHK
1	10/1/78	WJ	WJ

TITLE	DATE	BY	CHK
KEYBOARD LA120	10/1/78	WJ	WJ
SCALE	2/1	SHEET	2 OF 3
DIST	1	REV	C

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3 0-0-2492145-1111 D 2



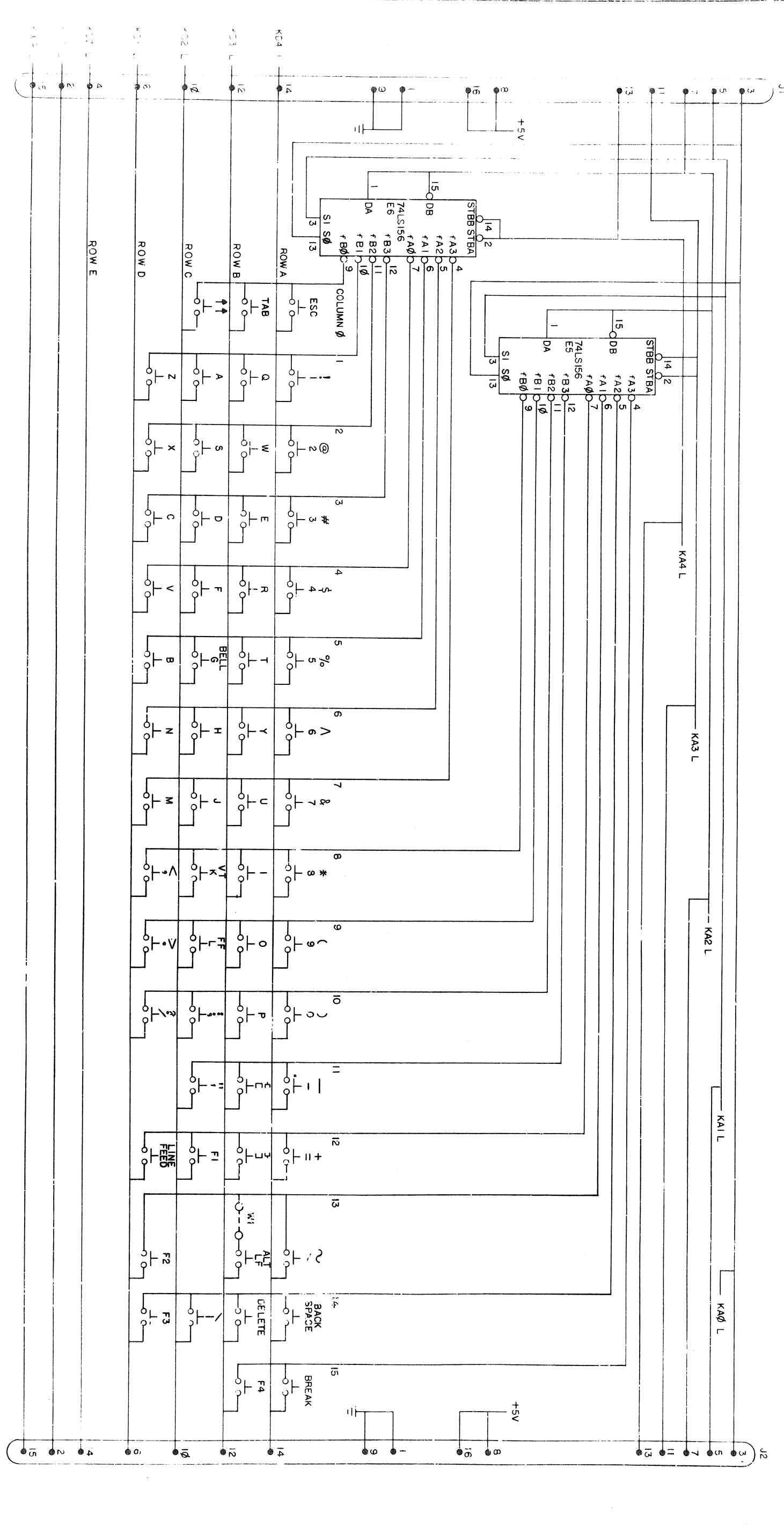
L2

DATE	REV	BY	CHK	APP
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2018	48			
2019	49			
2020	50			

8 7 6 5 4 3 2 1

KEYBOARD LA120
SCALE 2/1
3 0-0-2492145-1111 D 2

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DRN. J. S. 10/10/77	FIRST USED ON	KEYBOARD LA20
CHKD. J. S. 10/10/77	ENG. J. S. 10/10/77	PROJ. ENG. J. S. 10/10/77
PROD. J. S. 10/10/77	17 AUG 77	NEXT HIGHER ASSY.
SIZE CODE	NUMBER	REV.
SCALE NONE	D 5412612-0-1	C
SHEET 1 OF 2	DIST.	

Diagram illustrating the segments (1S-7S) of the structure. The segments are labeled as follows:

- Top segment: 6S
- Middle segment: 7S
- Bottom segment: 2S
- Left side segments: 6S, 3S, 4S