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# **FIELD MAINTENANCE PRINT SET**

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B-PL-LA12Ø-Ø-Ø	LA12Ø UNIT ASSY. )PL)
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D-UA-5412644-0-0	KEY PAD (LA12Ø)
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K-PL-M7Ø81-0-DBP	PRINTER LOGIC & POWER BOARD (PL)
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D-IA-7015168-0-0	POWER ENTRY BKT ASSY. (CVT)
E-UA-5413673-0-0	H7150 POWER SUPPLY

Tel manuf 2-8  
EIA-Loop Back

FROM PIN	TO PIN	TO PIN
2	3	15
4	5	8
20	6	92
19	12	17

LAI2Ø  
**Field Maintenance  
Print Set**

# Digital Equipment Corporation

PRINT SET ORDER NUMBER  
MPØØ663

REVISIONS	REV.	CHG. NO.	DATE	USED ON OPTION/MODEL	DRN.	DATE	TITLE:		
							LA120	UNIT ASSY.	
9-79	A				D. Neal	29 AUG 78			
9-79	B				CHK'D D. Neal	6 SEP 78			
10-79	C				PROJ. ENG. P. E. Nelson	14 SEP 78			
					FIELD SERV. Bob Nelson	14 SEP 78			
				SHEET 1 OF 2					

PN

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A-PL-5413673-0-0	H7150 POWER SUPPLY (PL)
D-CS-5413673-0-0	H7150 POWER SUPPLY (CS)
D-IA-7016530-0-0	POWER ENTRY ASSY. (SWITCHER)
K-PL-4514001-0-DBP	LA120 KEYBOARD TERMINATOR
D-UA-5414001-0-0	LA120 KEYBOARD TERMINATOR
D-CS-5414001-1-0	LA120 KEYBOARD TERMINATOR

TITLE	SHEET <sup>2</sup> OF <sup>2</sup>	SIZE CODE	NUMBER	REV
LA12Ø UNIT ASSY.	B <small>TC</small>		LA12Ø-Ø-3	C

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## DRAWING DIRECTORY

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## UNIT VARIATIONS

REVISIONS	CHANGE NO.	REV.	USED ON OPTION/MODEL	DRN.	DATE	TITLE	
				B.HALE	24JUL78	LA12X-AL 20 MA OPTION PACKAGE	
LA120-PNO44 A	CHK	SHEET 1 OF 2	LA120-HA	CHK'D. <i>D. Hale</i>	DATE 26 JUL 78		
				PROJ. ENG. <i>P.E. Nelson</i>	DATE 4 AUG 78	NUMBER	
		PROD. <i>J. J. Price</i>	DATE 8/14/78	LA12X-AL		A	
				DIST.			

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
1	B-PL-LA12X-AL-Ø	20 MA OPTION PKG.	E/M				
	C-UA-BCØ5F-Ø-Ø	CABLE, INTERFACE BCØ5F	E/M				
	D-IA-7016186-0-0	HARNESS, INTERNAL 20 MA ADAPTER	E/M				
	B-PL-LA12X-AL	SHIPPING LIST LA12X-AL	-				
2	D-AD-7016059-0-0	20 MA ASSY.	M				
	D-MD-7421168-0-0	PLATE, INTERFACE	M				
3	D-IA-7015273-0-0	20 MA ADAPTER ASSY.	E/M				
4	B-DD-5413206-0	20 MA ADAPTER BOARD	E/M				
5	D-IA-7015502-0-0	20 MA LOOPBACK CONNECTION	E				
6	EK-LA12X-IN-ØØ1	INSTALLATION PROCEDURE, 20 MA OPTION KIT	E/M				

TYPE: E ELECTRICAL  
M MECHANICAL  
E/M ELECTRO/MECHANICAL



TITLE LA12X 20 MA OPTION PACKAGE SHEET 2 OF 2 SIZE B CODE DD NUMBER LA12X-AL REV A

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## **DRAWING DIRECTORY**

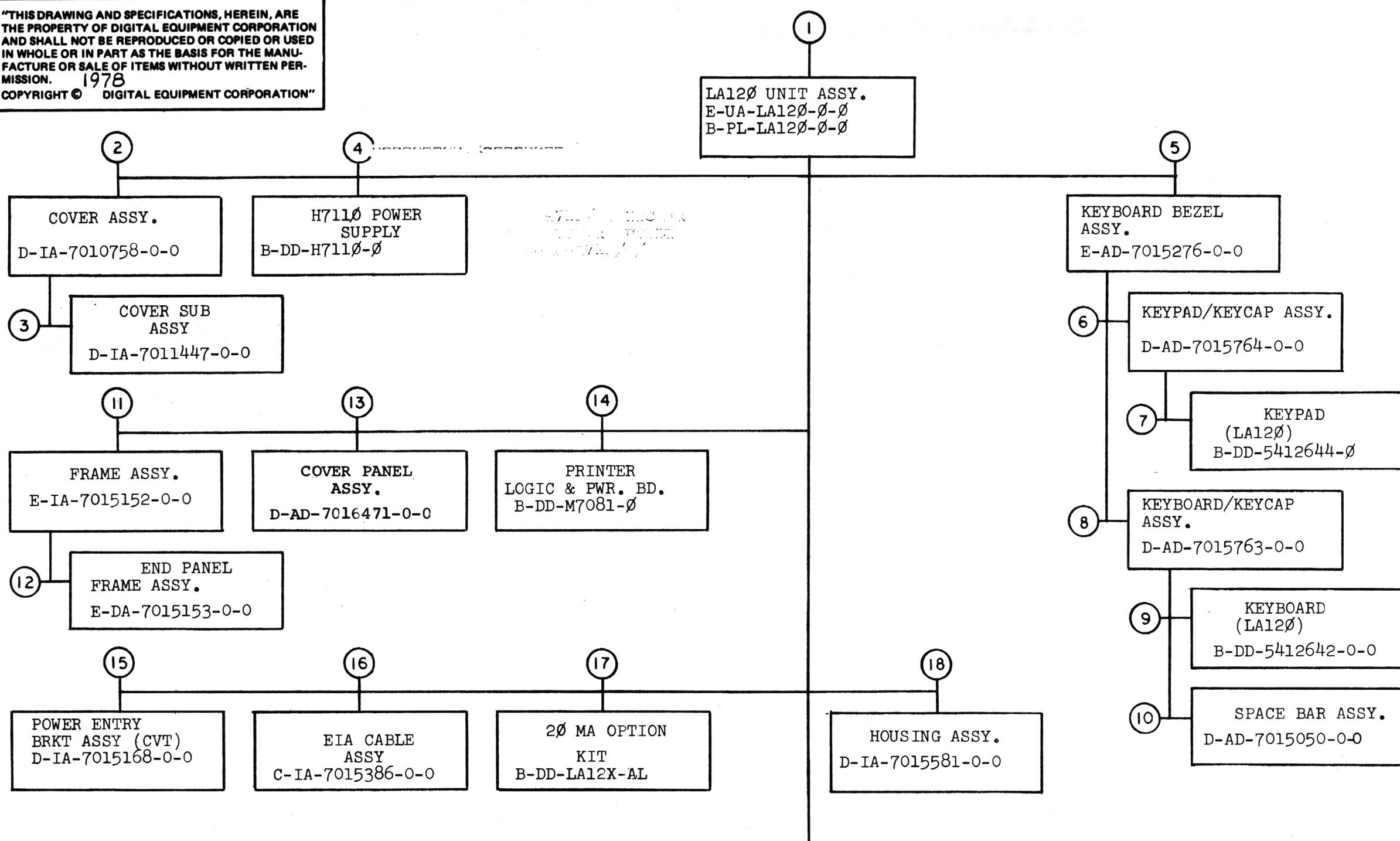
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## UNIT VARIATIONS

REVISIONS		USED ON OPTION/MODEL	DRN.	DATE	TITLE			
CHK	CHANGE NO.	LA120	B. HALE	7JUL'78	LA120 UNIT ASSY.			
28	LAI20 - PNO39	A	CHK'D.	DATE 26 JUL 78				
28	LAI20 - PNO43	B						
28	LAI20 - PN130	C	PROJ. ENG.	DATE 4AUG78				
28	LAI20 - PNU96	D	PROD.	DATE 8/4/78				
28	LAI20 - PNI32	E						
28	LAI20 - PNI33	F						
SHEET 1 OF 7					SIZE	CODE	NUMBER	REV
					B	DD	LA120-0	F
					DIST.			

DRB 106A

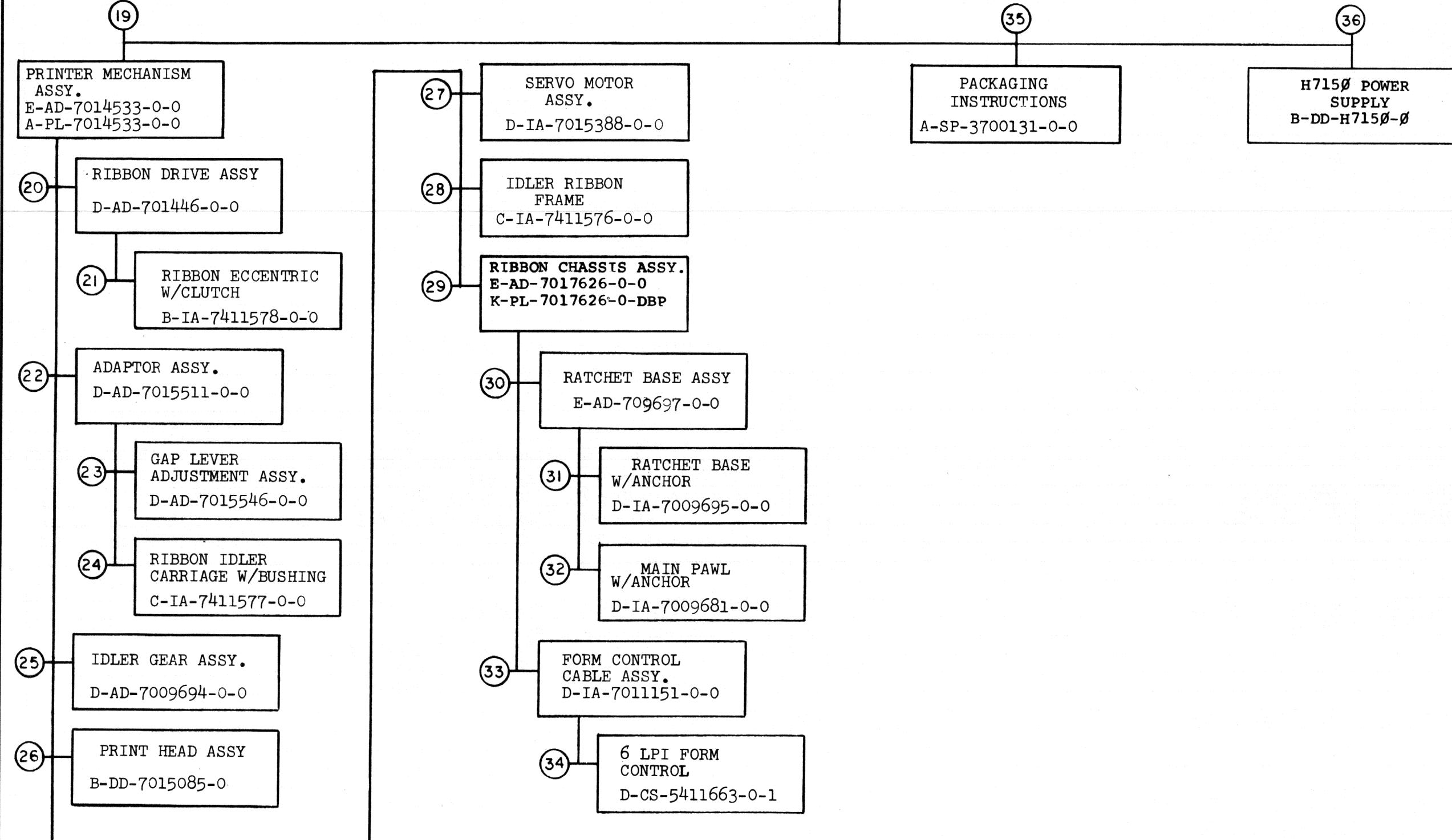
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CONTINUED ON SHEET 3

CONTINUED FROM  
SHEET 2

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TYPE: E ELECTRICAL  
M MECHANICAL  
E/M ELECTRO/MECHANICAL



D TIT

LA12Ø UNIT ASSY.

SHEET 4 OF 7

B

DD

LA12Ø-8

1

**DRB 108A**

ON

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	
13	D-AD-7016471-C-C D-IA-7422179-0-0 B-MD-7422180-0-0 A-PS-3616076-0-0	COVER PANEL ASSY. COVER PANEL HANDLE PANEL FUSE RATING LABEL	M M M M		C-MD-7411076-0-0 C-MD-7411075-0-0 C-MD-7411425-0-0 B-MD-7411098-0-0 D-MD-7411441-0-0 E-MD-7411440-0-0 B-MD-7411443-0-0 D-MD-7411437-0-0 B-MD-7411575-0-0 E-IA-7418142-0-0 C-MD-7420024-0-0 B-MD-7412535-0-0 C-MD-7414433-0-0 D-MD-7417937-0-0 C-IA-7420025-0-0 B-MD-7419421-0-0 C-MD-7419394-0-0 D-MD-7418139-0-0	SHAFT, TRACTOR SUPPORT (.312 DIA) SHAFT, TRACTOR DRIVE (.250 SQ) BUSHING, TRACTOR SHAFT RETAINING COLLAR, SIDE PLATE HUB, CLUTCH GEAR, DRIVE CLUTCH WASHER, CLUTCH KNOB, LINE FEED SHAFT, IDLER (SIDE PLATE) PLATE, SIDE CLAMP, 5/8 SHAFT ADAPTER, LINE FEED SCREW, TRACTOR LOCK BAR, PRINT RETAINER, 5/8 SHAFT SPACER, D.C. MOTOR SHAFT, CARRIAGE 5/8 SHAFT, CARRIAGE 1/2	M M M M M M M M M M M M M M M M M M M M	
14	B-DD-M7081-Ø	PRINTER, LOGIC AND POWER BOARD						
15	D-IA-7015168-0-0 D-IA-7420162-0-0 D-IA-7015548-0-0 C-IA-7015800-0-0	POWER ENTRY BRACKET ASSY. (CVT) BRACKET, MOUNTING HARNESS, POWER ENTRY WIRE, JUMPER	E/M M E/M E/M					
16	C-IA-7015386-0-0 B-MD-7420337-0-0	EIA CABLE ASSY. PLATE, EIA CONN.	E/M M					
17	B-DD-LA12X-AL	20 MA OPTION KIT (LA12Ø)	E/M					
18	D-IA-7015581-0-0 E-PS-1214562-0-0 E-MD-7411116-0-0	HOUSING ASSY. HOUSING (LA12Ø) HOUSING (LA36)	M M M					
19	E-AD-7014533-0-0 A-PL-7014533-0-0 E-AD-7015389-0-0 C-AD-7010001-0-0 B-MD-7411439-0-0 B-MD-7411103-0-0 B-MD-7411108-0-0	PRINTER MECHANISM ASSY. PRINTER MECHANISM ASSY. (PL) STEPPING MOTOR ASSY. STRAP, GROUND PIVOT, LOWER PIVOT, RATCHET BUSHING, PLAIN	E/M E/M E/M E/M M M M					
TYPE: E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL				TITLE LA12Ø UNIT ASSY.		SHEET 5 OF 7	SIZE CODE B DD NUMBER LA12Ø-Ø	REV F

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
22	D-AD-7015511-0-0	ADAPTER ASSY.	M	29	E-AD-7017626-0-0	RIBBON CHASSIS ASSY.	M
	E-MD-7420634-0-0	ADAPTER	M		D-IA-7417870-0-0	CHASSIS, RIBBON	M
	B-MD-7420293-0-0	SPRING, FRONT BEARING	M		C-MD-7411090-0-0	SPRING, MAIN PAWL	M
	B-MD-7420641-0-0	SPRING CARRIAGE	M		C-MD-7411105-0-0	SPRING, UPPER PAWL	M
	B-MD-7411115-0-0	SHAFT, IDLER CARRIAGE	M		D-MD-7411048-0-0	DRIVER SPOOL	M
					D-MD-7411432-0-0	RATCHET, WHEEL	M
					B-IA-7411405-0-0	DISK, FRICTION	M
					B-MD-7411098-0-0	COLLAR, SIDE PLATE	M
					B-MD-7411103-0-0	PIVOT, RATCHET	M
					B-MD-7411061-0-0	WASHER, RATCHET	M
23	D-AD-7015546-0-0	GAP LEVER ADJUSTMENT ASSY.	M		D-MD-7411058-0-0	INTERPOSER	M
	C-MD-7420633-0-0	BEARING TUBE (EXTRUDED)	M		C-MD-7411419-0-0	GUIDE SHOE	M
	B-MD-7420422-0-0	BEARING	M		D-MD-7411060-0-0	SENSOR, REVERSE	M
	D-MD-7420736-0-0	LEVER, GAP ADJUSTMENT	M		C-MD-7411087-0-0	SPRING, INTERPOSER	M
	B-MD-7420605-0-0	RESERVOIR, OIL	M		B-MD-7412976-0-0	CAP, STAND OFF-SPOOL	E/M
					<del>C-IA-7012781-0-0</del>	<del>SWITCH, ROTARY ASSY.</del>	<del>M</del>
					<del>C-MD-7418875-0-0</del>	<del>PLATE, SWITC</del>	<del>M</del>
					C-MD-7412977-0-0	STANOFF, SPOOL RIBBON	M
24	C-IA-7411577-0-0	RIBBON IDLER CARRIAGE W/BUSHING	M		B-MD-7416620-0-0	RETAINING LINE, SPECIAL	M
	C-MD-7411102-0-0	IDLER, CARRIAGE RIBBON	M		<del>D-IA-7011151-0-0</del>	<del>FORM CONTROL CABLE ASSY</del>	<del>M</del>
					<del>A-DC-7412552-0-0</del>	<del>LABEL VFU SWITCH</del>	<del>M</del>
					<del>A-DC-7416535-0-0</del>	<del>DECAL PARITY SWITCH</del>	<del>M</del>
					D-MD-7424154-0-0	RIBBON TENSION SPRING	
					E-MD-7424155-0-0	SPRING RETAINING BRACKET	
25	D-AD-7009694-0-0	IDLER GEAR ASSY.	M				
	B-MD-7411420-0-0	BRACKET, GEAR	M				
	C-MD-7416219-0-0	STAND OFF GEAR	M				
				30	E-AD-7009697-0-0	RATCHET BASE ASSY.	M
					D-MD-7411054-0-0	RATCHET, UPPER BASE	M
					B-MD-7411063-0-0	PAWL, PIVOT	M
				31	C-IA-7009695-0-0	RATCHET BASE W/ANCHOR	M
					D-MD-7411055-0-0	BASE, RATCHET	M
					B-MD-7411104-0-0	ANCHOR, SPRING	M
				32	D-IA-7009681-0-0	MAIN PAWL W/ANCHOR	M
					D-MD-7411059-0-0	PAWL, MAIN	M
					B-MD-7411104-0-0	ANCHOR, SPRING	M

TYPE: E ELECTRICAL  
M MECHANICAL  
E/M ELECTRO/MECHANICAL

**digital**

**TITLE** LA12Ø UNIT ASSY.

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**DRB 108A**

**TYPE:** E ELECTRICAL  
M MECHANICAL  
E/M ELECTRO/MECHANICAL

**digital**

**TITLE**

LA12Ø UNIT ASSY.

SHEET 7 OF 7

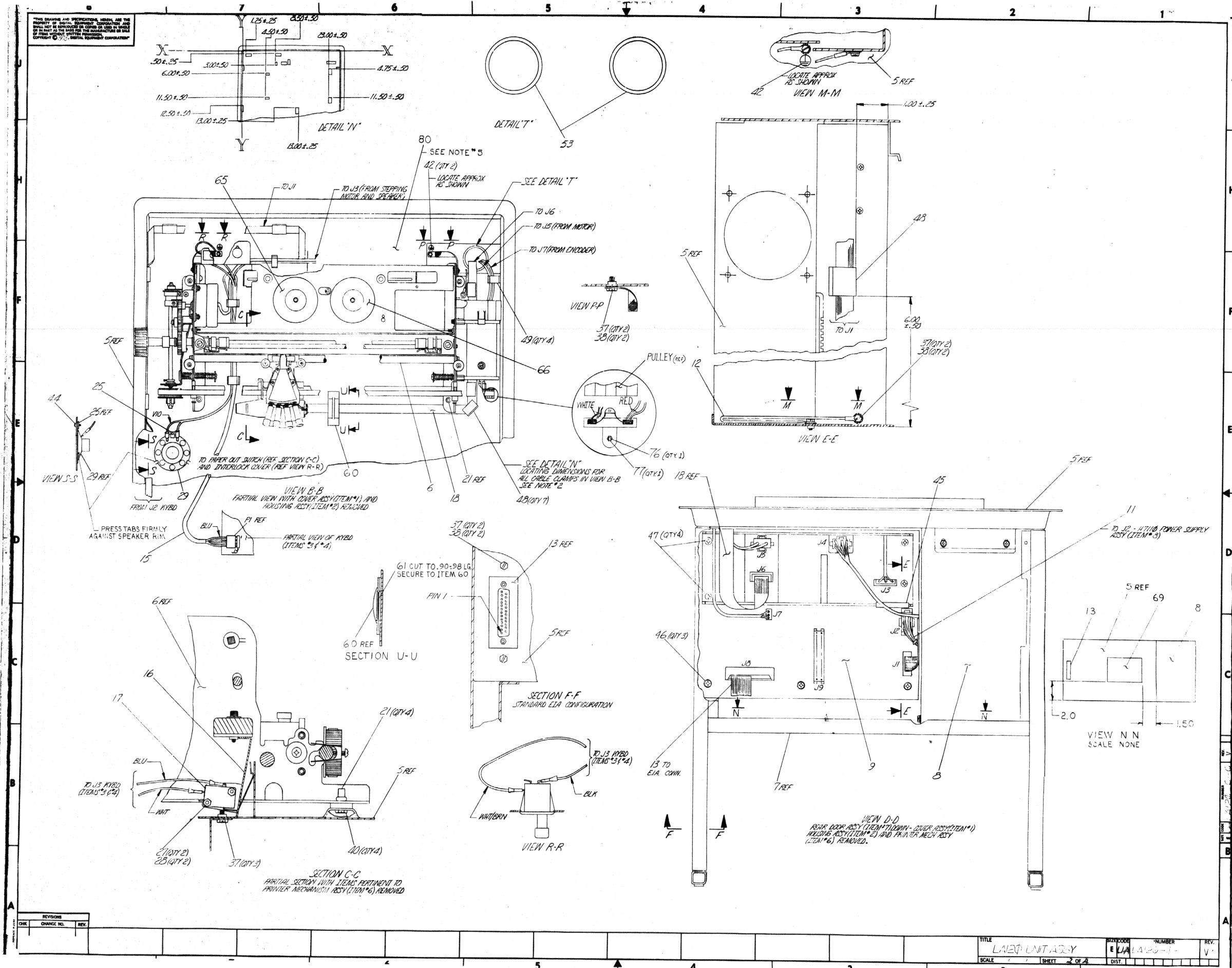
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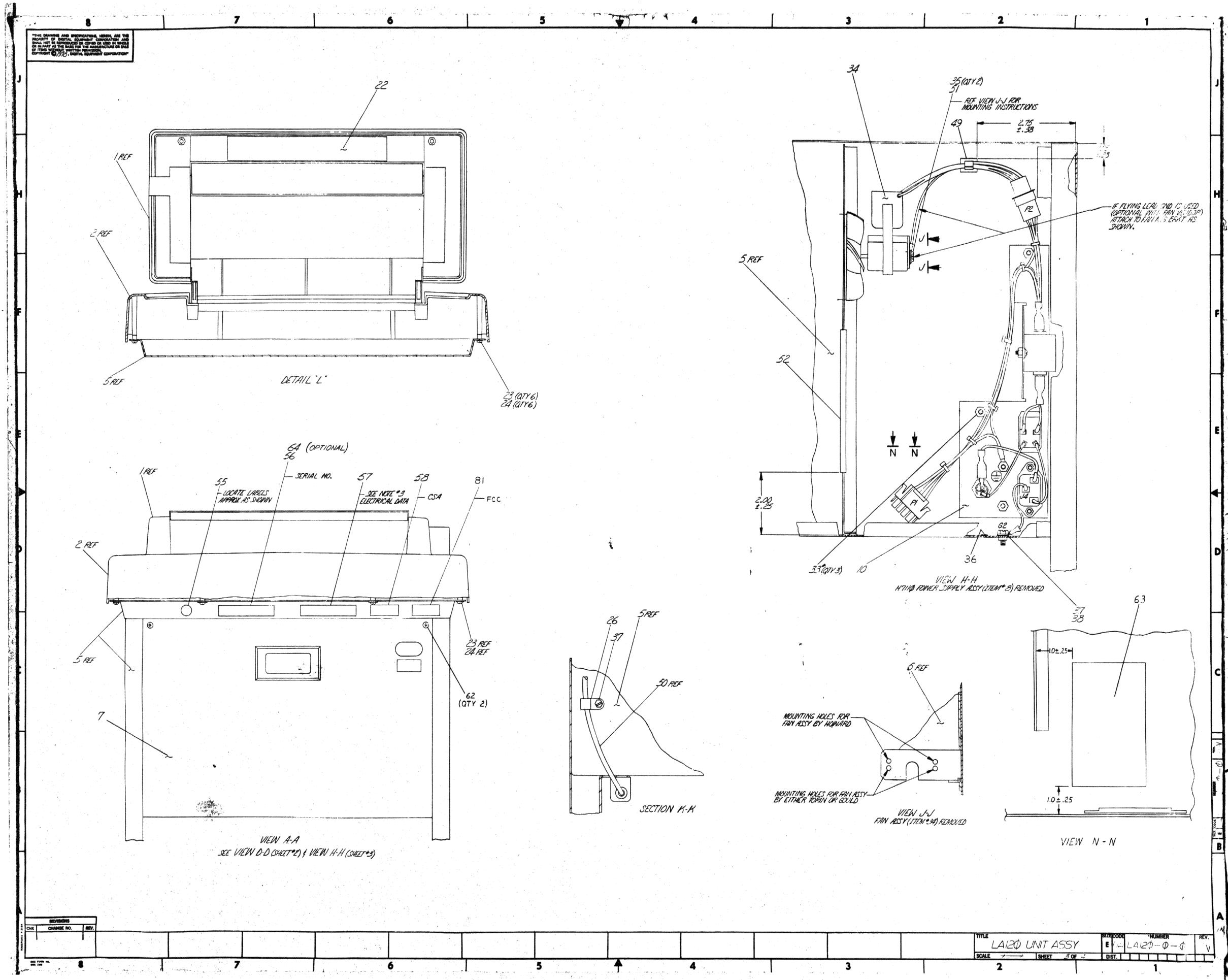
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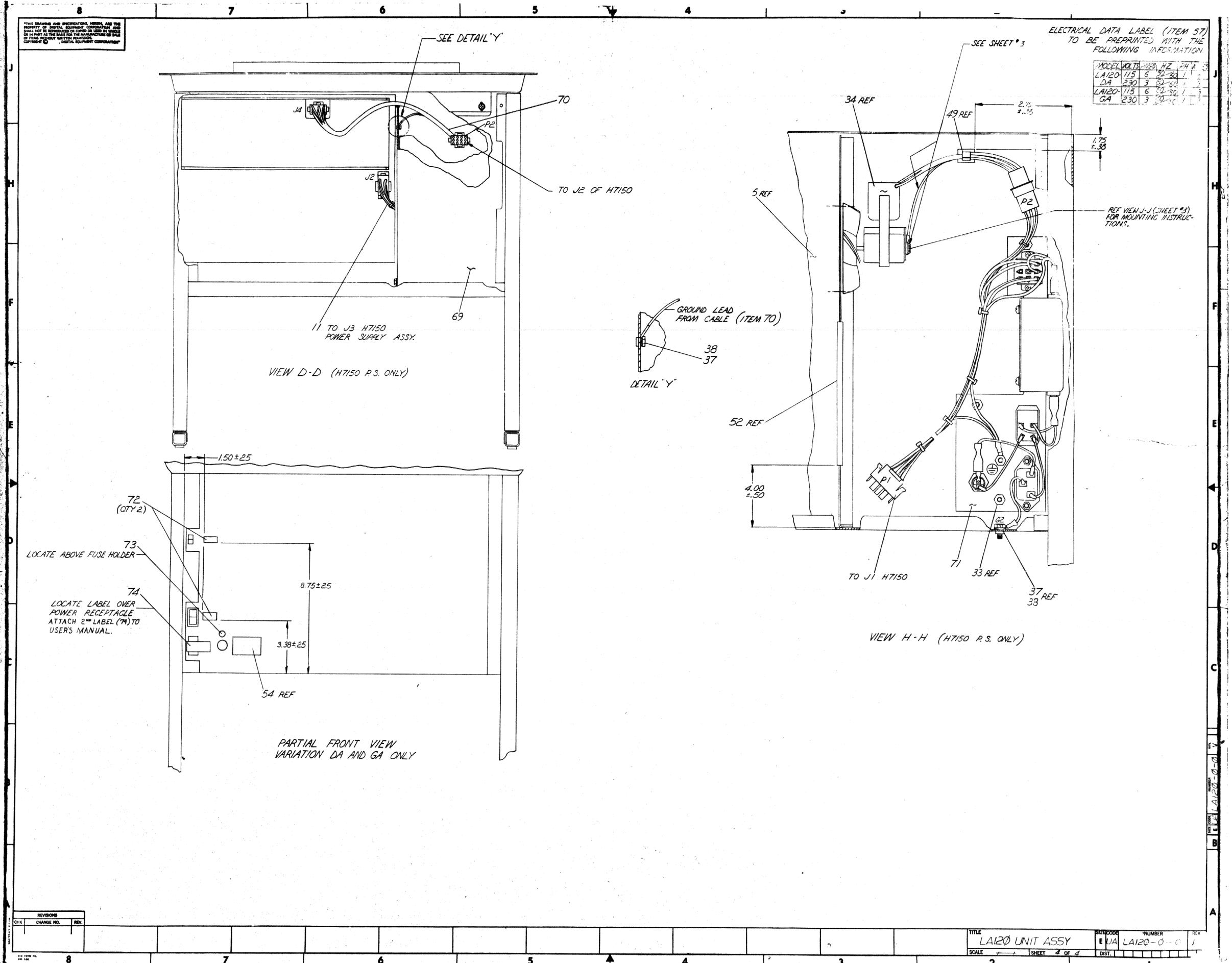
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**DRB 108A**









LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION				
				AA	BA	DA	GA	RE
1	1	D-IA-7010758-0-0	7010758-00	COVER ASSY DOC LA180/120	1	1	1	1
2	2	D-IA-7015581-0-0	7015581-00	HOUSING ASSY,LA120	1	1	1	1
3	3	E-AD-7015276-0-0	7015276-00	KEYBOARD BEZEL ASSY	1	-	-	1
4	4	E-AD-7015276-0-0	7015276-01	KEYBOARD BEZEL	-	1	1	-
5	5	E-IA-7015152-0-0	7015152-00	FRAME ASSY	1	1	1	1
6	6	E-AD-7014533-0-0	7014533-00	PRINTER MECHANISM LA120	1	1	1	1
7	7	D-AD-7016471-0-0	7016471-00	DOOR,LA120	1	1	1	1
8	8	E-UA-H7110-0-0	H7110-00	LA120 PS, 115/230VAC	1	1	-	1
9	9	E-UA-M7081-0-0	M7081-00	PRINTER LOGIC AND POWER BOARD	1	1	1	1
10	10	D-IA-7015168-0-0	7015168-00	POWER ENTRY BRKT ASSY (CV)	1	1	-	1
11	11	D-IA-7015408-0-0	7015408-00	LOGIC POWER CABLE ASSY	1	1	1	1
12	12	C-IA-7015552-0-0	7015552-00	WIRE, GROUND PWR SUPPLY CHASSIS	1	1	1	1
13	13	C-IA-7015386-0-0	7015386-0J	EIA CABLE (LA120)	1	1	1	1
14	14	A-SP-3700131-0-0	3700131-00	PACKAGING INSTRUCTIONS DECWRITER	1	1	1	1
15	15	E-IA-7015387-0-0	7015387-00	SWITCHES HARNESS ASSY	1	1	1	1
16	16	D-IA-7412158-0-0	7412158-00	GUIDE PAPER (LA180-P)	1	1	1	1
17	17	B-MD-7412424-0-0	7412424-00	PAPER OUT SWITCH	1	1	1	1
18	18		1700107-01	CABLE,ASSY,24 COND, 16POS	1	1	1	1
19	19		1211067-02	TUBING CLOSURE ID#15GAUGE	4	4	4	4
20	20		9009685-00	FOOT, LEVELER, 1-7/16 LG.	4	4	4	4
21	21		9008896-00	NUT,WELL 10-32 BR IN	4	4	4	4
22	22		7416178-00	DECAL (LA180)	1	1	1	1
23	23		9009630-01	SCREW,TAPPING,TYPE BF,PAN ,PHIL,	6	6	6	6
24	24		9006653-00	WASHER, FLAT, .375 O.D. X .156 I	6	6	6	6
25	25		9009301-00	NUT, SPEED, 6-32X,.44LGX,.28WIDE X	1	1	1	1
26	26		9007082-00	CLAMP,CABLE,SCREW MTD, 5/16"	1	1	1	1
27	27		9008033-01	SCREW,PAN,PHIL 4-40X 9/16 SS	2	2	2	2
28	28		9006557-00	NUT,KEP , 4-40X 1/4 AF	3	3	3	3
29	29		1215050-00	SPEAKER,2.5"DIA,80HM,ROUND	1	1	1	1
30	30	A-EK-LA120-R-G		REF,CARD,OPERATOR LA120	1	1	1	1

REVISION HISTORY		BASIC PART NO: LA120		DRN#		D. BRIDGERS		DATE: 11-JAN-80		O	I	G	I	T	A	L
ENG#	ECO NUMBER	REV	SECTION A OF A	CHK'D:	L. GILBERT	DES.ENG.:	H. RASMUSSEN	DATE: 11-JAN-80	TITLE		PARTS LIST					
JB	INITIAL LA120-PN133	T U	SECTION, VARIATION INDEX [A] AA,BA,DA,GA,RE					DATE: 11-JAN-80	LA120 UNIT ASSY							
			[B]					DATE: 07-JUL-78								
			[C]					DATE: 07-JUL-78	DOCUMENT NUMBER							
			[D]					DATE: 07-JUL-78	SIZE	CODE	NUMBER	REV				
			[E]					DATE: 07-JUL-78	K	PL	LA120-0-0-000	U				
			[F]					TOP DOCUMENT NUMBER	FILE NAME:		EDIT					
								B-DD-LA120-0-0	Z120U,PLS		*					
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## PARTS LIST

SHEET A2 OF A3

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION				
				AA	BA	DA	GA	RE
31	31							
32	32	A-EK-LA120-U-G	9006453-00	SCREW, SEMS, SLOTTED HEX HEAD 6-	4	4	1	4
33	33		9006563-00	GUIDE,USER LA120	1	1	1	1
34	34		1212581-00	NUT,KEP , 8-32 X11/32AF	3	3	3	3
35	35		9009985-00	FAN, 35CFM,115VAC,3"DIA	1	1	1	1
36	36		3612680-03	SCREW,SEMS,SLOT,HEX 10-32X .5/16	2	2	2	2
37	37		9009988-08	DECAL, GROUND SIGN W/CIRCLE,WHT	1	1	1	1
38	38		9008072-00	SCREW, SEMS, SLOTTED HEX HD 8-32	12	12	12	12
39	39	D-IA-7016747-0-0	7016747-02	WASHER, LOCK, EXTERNAL TOOTH #8	8	8	8	8
40	40		9009988-04	ASSY,KEYBOARD COVER CHARCOAL DEC	-	-	-	1
41	41	D-UA-5414001-0-0	5414001-00	SCREW, SEMS, SLOTTED HEX HD 10-	4	4	4	4
42	42		3612680-01	LA120 KEYBOARD TERMINATOR	-	-	-	1
43	43		1214563-00	DECAL, GROUND SIGN PER 386 *	3	3	3	3
44	44		9006020-01	BEZEL,PLASTIC MOLDED FOR KEYBD A	-	-	-	1
45	45		9009718-02	SCREW,PAN,PHIL 6-32X 1/4 SS	1	1	1	1
46	46		9009988-12	GROMMET, EXTRUDED, 2-3/4 LONG	1	1	-	1
47	47		9009988-13	SCREW,SEMS,SLOT,HEX HD 6-32X .2	3	3	3	3
48	48		9009636-00	SCREW,SEMS,SLOT,HEX HD 6-32X .4	4	4	4	4
49	49		9008340-00	CLAMP, CABLE, FOR FLAT CABLE	8	8	8	8
50	50		1700083-07	CLIP,PVC HARNESS, DESKLASP,1/2"W	5	5	5	5
51	51		9007651-00	PWR CORD,TERM, 75IN,16-3,125V 13	1	1	1	1
52	52		9009718-04	WASHER, LOCK, EXTERNAL TOOTH #10	1	1	1	1
53	53		9000021-02	GROMMET, EXTRUDED, 5.5LONG	1	1	1	1
54	54		3615811-00	BUSHING,SNAP, NYLON 2 MGTHOLE	2	2	2	2
55	55	A-DC-7416197-0-0	7416197-02	LABEL,FUSE WARNING,BLACK FOR LA1	1	1	1	1
56	56		3613210-02	CANCEL (10-8-80, CAROL TAYLOR)	1	1	1	1
57	57		3613210-01	LABEL,ELECTRICAL DATA	1	1	1	1
58	58		3613211-00	LABEL,ELECTRICAL DATA	1	1	1	1
59	59		3615918-00	DECAL,CLEAR PREPRINTED CSA 1-1/4	1	1	1	1
60	60		9010096-00	LABEL,SET UP COMMAND,LA120	1	1	1	0
61	61		9007834-00	CLIP,FLAT CABLE,MOLDED NYLON,ADH	1	1	1	1
62	62		9009683-01	TAPE, DOUBLE COATED, 1/2" WIDE,	1	1	1	1
63	63		1212461-00	SCREW, HEX WASHER HD, 8-32X3/8	2	2	2	2
64	64	A-SP-3613209-0-0	3613209-00	FOAM,ACOUSTIC,ADH BACK,3.0X4.5X.	1	1	1	0
65	65		3612153-00	*** THIS ITEM IS NOT USED ***	-	-	-	-
66	66		1212008-00	RIBBON,PRINTER .500"X60'LA180 NY	-	1	1	1
67	67		7412103-00	SPOOL,PRINTER RIBBON,LA180,3.75"	1	1	1	1
68	68		9905129-03	PAPER PRPKG 132 COL 147/8W-11LG	-	1	1	1
69	69		3616786-00	BAG, POLYETHYLENE, 1-1/2 MIL THK	1	1	1	1
70	70	E-UA-H7150-0-0	H7150-00	LABEL,ECO STATUS FOR LA120	1	1	1	1
71	71	D-IA-7016537-0-0	7016537-00	LA120 PS: +24V 2.4A,-24V 2.8A,+5	-	-	1	1
72	72	D-IA-7016530-0-0	7016530-00	CABLE ASSY POWER SUPPLY (POWER)	-	-	1	1
73	73		3615759-00	POWER ENTRY ASSY "SWITCHER"	-	-	1	1
74	74		3616040-00	LABEL,VOLTAGE SETTING FOR VT100	-	-	2	2
75	75		3616157-00	LABEL,250V 5A FOR LA120	-	-	2	2
76	76		9006011-01	LABEL,CORRECT VOLTAGE SETTING,CA	-	-	1	1
77	77	A-SP-3613209-0-0	3613209-02	SCREW,PAN,PHIL 4-40X 3/8 SS	1	1	1	1
78	78	A-EK-LA120-U-G		*** THIS ITEM IS NOT USED ***	-	-	-	-
				GUIDE,USER LA120	1	1	1	1

D	I	G	I	T	A	L	TITLE
							LA120 UNIT ASSY
							SECTION A OF A

ISIZE	CODE	DOCUMENT NUMBER	REV
K	PL	LA120-0-DBP	U

AUTOMATED BY PRTLSST,3L(40)

P A R T S   L I S T

SHEET A3 OF A3

LINE ITEM DOCUMENT NUMBER

PART NUMBER

DESCRIPTION

QUANTITY PER VARIATION  
AA BA DA GA RE

79 79 A-EK-LA120-R-G  
80 80 E-MD-7423859-0-0

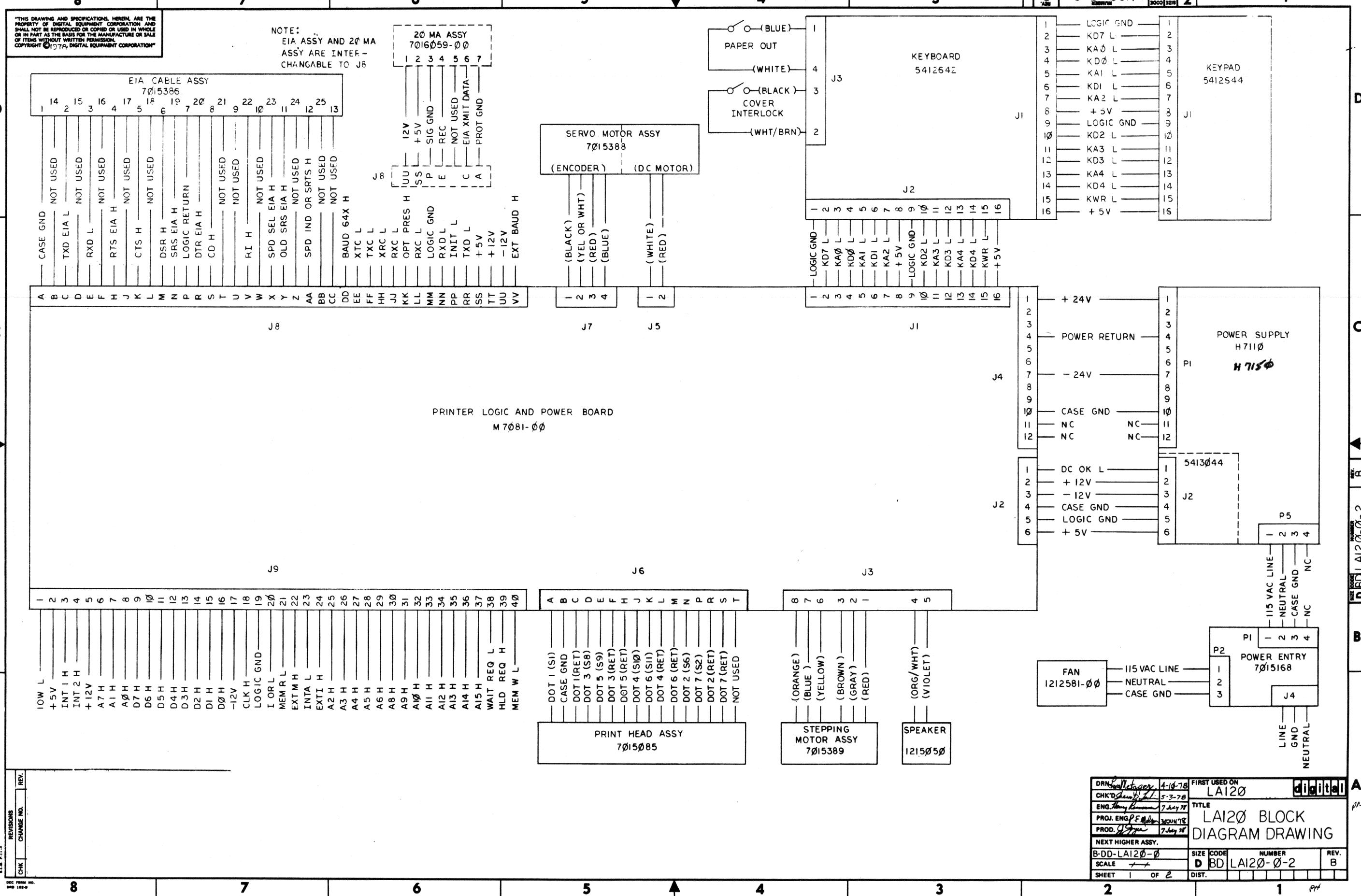
7423859-00

REFERENCE CARD,OPERATOR LA120  
ACOUSTIC FOAM

1 1 1 1 1  
1 1 1 1 1

81 NOTE: 1. ITEM 64 AND ITEM 77 ARE OPTIONAL.

TITLE							SECTION A OF A			SIZE/CODE DOCUMENT NUMBER REV		
D	I	G	I	T	A	L	K	P	L	LA120-0-DBP	U	



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NOTE:  
EIA ASSY AND 20 MA  
ASSY ARE INTER-  
CHANGABLE TO J8

EIA CABLE ASSY  
7015386

1	14	2	15	3	16	4	17	5	18	6	19	7	20	8	21	9	22	10	23	11	24	12	25	13	
A	CASE GND	NOT USED																							
B	+5V																								
C	INT 1 H																								
D	INT 2 H																								
E	+12V																								
F	A7 H																								
G	A1 H																								
H	A0 H																								
I	D7 H																								
J	D6 H																								
K	LOGIC GND																								
L	I OR L																								
M	MEM RL																								
N	D4 H																								
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R	EXTI H																								
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Z	A10 H																								
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BB	A12 H																								
CC	A13 H																								
DD	A14 H																								
EE	A15 H																								
FF	WAIT REQ L																								
GG	HLD REQ H																								
HH	MEM WL																								

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7016059-00

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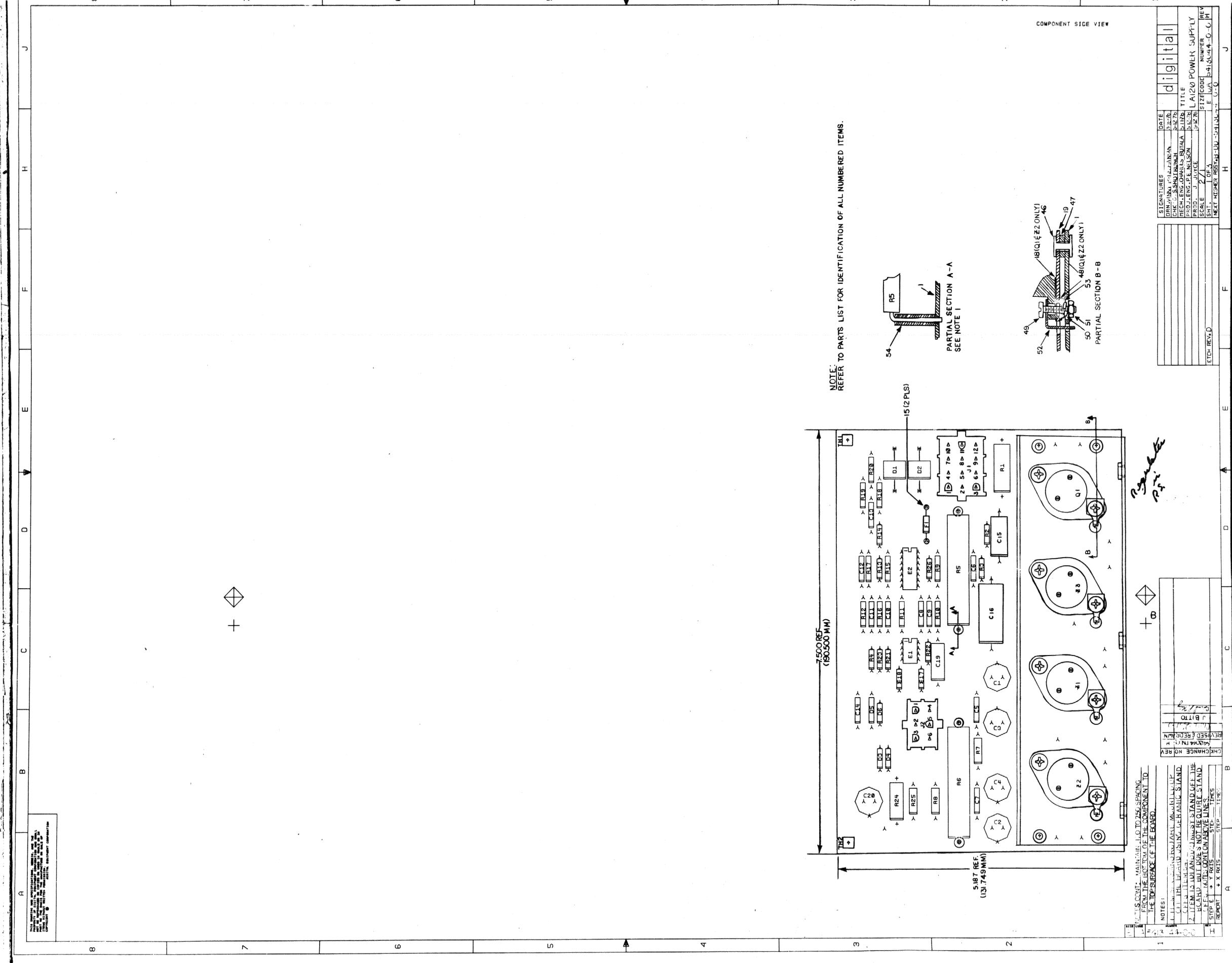
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REV. A

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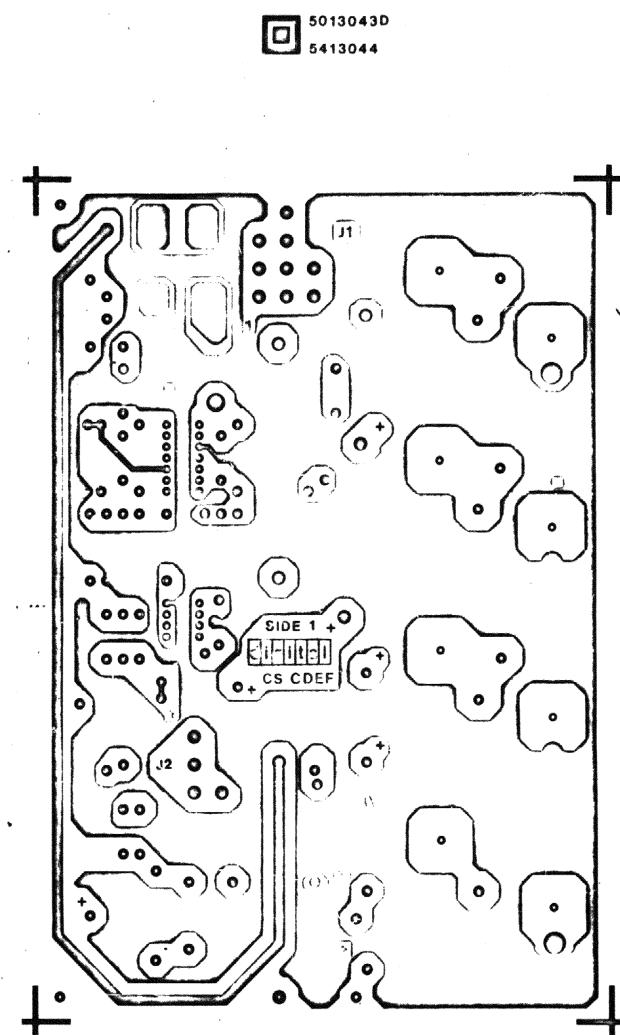
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VIEWED FROM SIDE 1

5413044-0 H

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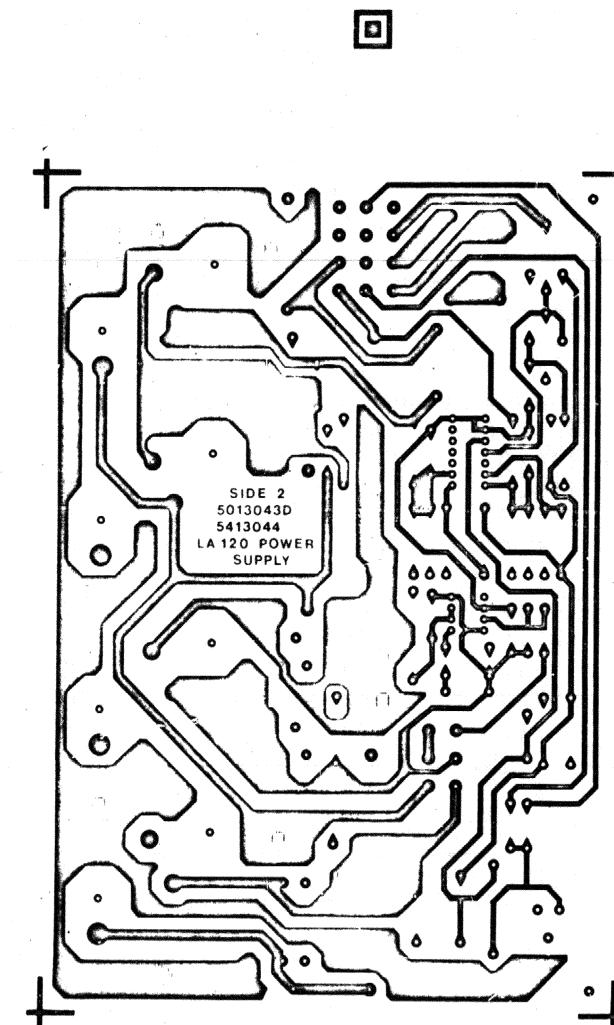
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REVISIONS		
LINK	CHANGE NO.	REV

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25 MARCH

Page 3

4-0-0 REV H

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
1	1	E-MD-5013043-0-0	5013043-00 LA120 PWR SUPPLY MAIN, BRD	00 1	
2	2		1000075-00 25 MFD 25V +75-10% AL EL	1 C15	
3	3		1001610-00 .01 MFD 50V +80-20% 25U CER	2 C17,C18	
4	4		1005507-00 1 MFD 100V +50-10% AL EL	1 C19	
5	5		1009433-00 190 MFD 12V +75-10% AL EL	1 C16	
6	6		1012607-00 560 MFD 20V+100-10% AL EL	2 C3,C4	
7	7		1012607-04 270 MFD 40V+100-10% AL EL	1 C20	
8	8		1013466-11 .22 MFD 50V +80-20% 25U CER	10 C5,C6,C7,C8,C9,C10,C11,C12,C13,C14	COUNT
9	9		1014526-00 180 MFD 40V+100-10% AL EL	2 C1,C2	
10	10		1105796-00 1N 4004 PIV=400 I= 1A D041 SP	2 D3,D4	
11	11		1105873-00 4M5-1AZ1 VZ= 5.1 1A .400W	1 D5	
12	12		1109502-00 1N 4742 VZ= 12.0 10% 1W Y	1 D6	
13	13		1110615-00 MR 752 PIV=200 I=22A A264 SM	2 D1,D2	
14	14		1205747-00 FUSE, SUB-MINI, 5.000A, 125V, A	1 F1	
15	15		1209336-00 JACK, 1LINE	2	
16	16		1212297-05 MATE-N-LOK 6PIN UNIV HEADER	1 J2	
17	17		1212297-06 MATE-N-LOK 12PIN UNIV HEADER	1 J1	
18	18		1213071-02 INSULATOR, RUBBER SILICONE SM	2	
19	19		1215217-00 HEAT SINK, TO-3, ALUM	1	
20	20		1300288-00 270.0 2.0 W10.0 % CC	1 R1	
21	21		1300296-00 330.0 .50 W 5.0 % CC	1 R25	
22	22		1300319-00 470.0 1.0 W 5.0 % CC	1 R24	
23	23		1300365-00 1.0 K .25 W 5.0 % CC	2 R3,R4	
24	24		1300400-00 1.80 K .50 W10.0 % CC	2 R7,R8	
25	25		1300426-00 2.70 K .25 W 5.0 % CC	1 R23	
26	26		1302092-00 220.0 K .25 W 5.0 % CC	2 R13,R14	
27	27		1302124-00 18.0 .25 w 5.0 % CC	1 R2	
28	28		1302465-00 18.0 K .25 w 5.0 % CC	1 R26	
29	29		1303114-00 1.0 K .25 W 1.0 % RN55D-F10	2 R11,R12	

REVISION HISTORY		BASIC PART NO: 5413044		DRN#	VIN PARECHANIAN	DATE: 13-MAR-78	TITLE	PARTS LIST
ENG:	ECO NUMBER	REV	SECTION A OF A					
---	INIT	C	SECTION, VARIATION INDEX	CHK'D:	T SHETRAWSKI	DATE: 5-APR-78		
IJB	[PN001	D	[A] 00					LA120 POWER SUPPLY
IJB	15413044-PN002	E	[B]					
IJB	15413044-PN003	F	[C]	DES, ENG:	CHARLES BUTALA	DATE: 13-MAR-78		
IJB	15413044-PN004	H	[D]					
IJB	15413044-PN005	J	[E]					
			[F]	RESP, ENG:	CHARLES BUTALA	DATE: 13-MAR-78		DOCUMENT NUMBER
			[H]					
			[J]					
			[K]	MFG, ENG:	JAMES JOYCE	DATE: 30-MAR-78	K PL	SIZE CODE: NUMBER
			[L]					
			[M]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		REV
			[N]	E-UA-5413044-0-0	H7110			FILE NAME: 13044J,PLS
								EDIT #: 19

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AUTOMATED BY PRTLST,1D(11)

## PARTS LIST

SHEET A2 OF A2

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
30	30	1304835-00	/REPLACED BY 13-05337-00	PM	1 R15
31	31	1310630-00	1.33 K .25 W 1.0 % RN55D-F10	1	R16
32	32	1310632-00	2.37 K .25 W 1.0 % RN55D-F10	1	R19
33	33	1311653-00	2.15 K .25 W 1.0 % RN55D-F10	2	R17,R18
34	34	1312933-00	360.0 K .25 W 5.0 % CC	1	R22
35	35	1313349-00	33.0 K .25 W 5.0 % CC	1	R21
36	36	1313846-00	2.26 K .25 W 1.0 % RN55D-F10	1	R10
37	37	1314520-00	9.10 10.0 W 5.0 % WW	2	R5,R6
38	38	1315096-00	1.87 K .25 W 1.0 % RN55D-F10	1	R9
39	39	1315097-00	20.50 K .25 W 1.0 % RN55D-F10	1	R20
40	40	1509581-00	2N 3791 PNP 150WC SI 60 30 M	1	Q1
41	41	1910460-00	DEC 309 VOLT REG, FIX +15V	1	Z3
42	42	1911944-00	555CN TIMER, FUNCT, BLOCK	1	E1
43	43	1912048-00	DEC 7812 VOLT REG, FIX +12V	1	Z1
44	44	1912108-00	339 VOLT CMPTR, QUAD	1	E2
45	45	1914517-00	7912 VOLT REG, FIX -12V	1	Z2
46	46	9006507-00	RIVET, BLIND, .125 DIA X .257 LG	4	
47	47	9006658-00	WASHER, FLAT, .375 O.D. X .144 I	4	
48	48	9006707-00	WASHER, NYLON, FLAT #6 .312 OD	4	
49	49	9007793-01	SCREW, PAN, PHIL 6-32X 9/16 SS	8	
50	50	9007801-00	WASHER, LOCK, S.S. #6	8	
51	51	9008957-00	NUT, HEX , 6-32X 1/4 AF X 3	8	
52	52	9009676-00	TERM LUG 1POS SOLDER	4	
53	53	9006656-00	WASHER, FLAT, .312 O.D. X .156 I	8	
54	54	9009798-00	SPACER, CERAMIC, .186 ODX,.078 ID	4	
55	55	A-SP-3700440-0-0	3700440-00	INSTR PKG MODULE 5413044 REF	
56	56	A-SP-3700438-0-0	3700438-00	INSTP PKG, BULK CARTON 99-06476- REF	

- 57 NOTE: 1. FOR INDIVIDUAL FIELD SERVICE/CUSTOMER SPARES SHIPMENTS  
 58 NOTE: USE PKG. INSTRUCTIONS A-SP-3700440-0-0, FOR BULK INTERPLANT  
 59 NOTE: SHIPMENTS USE PKG. INSTRUCTION A-SP-3700438-0-0,

ITEM	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
DIGITAL	LA120 POWER SUPPLY		K	PL	5413044-0-DBP	J

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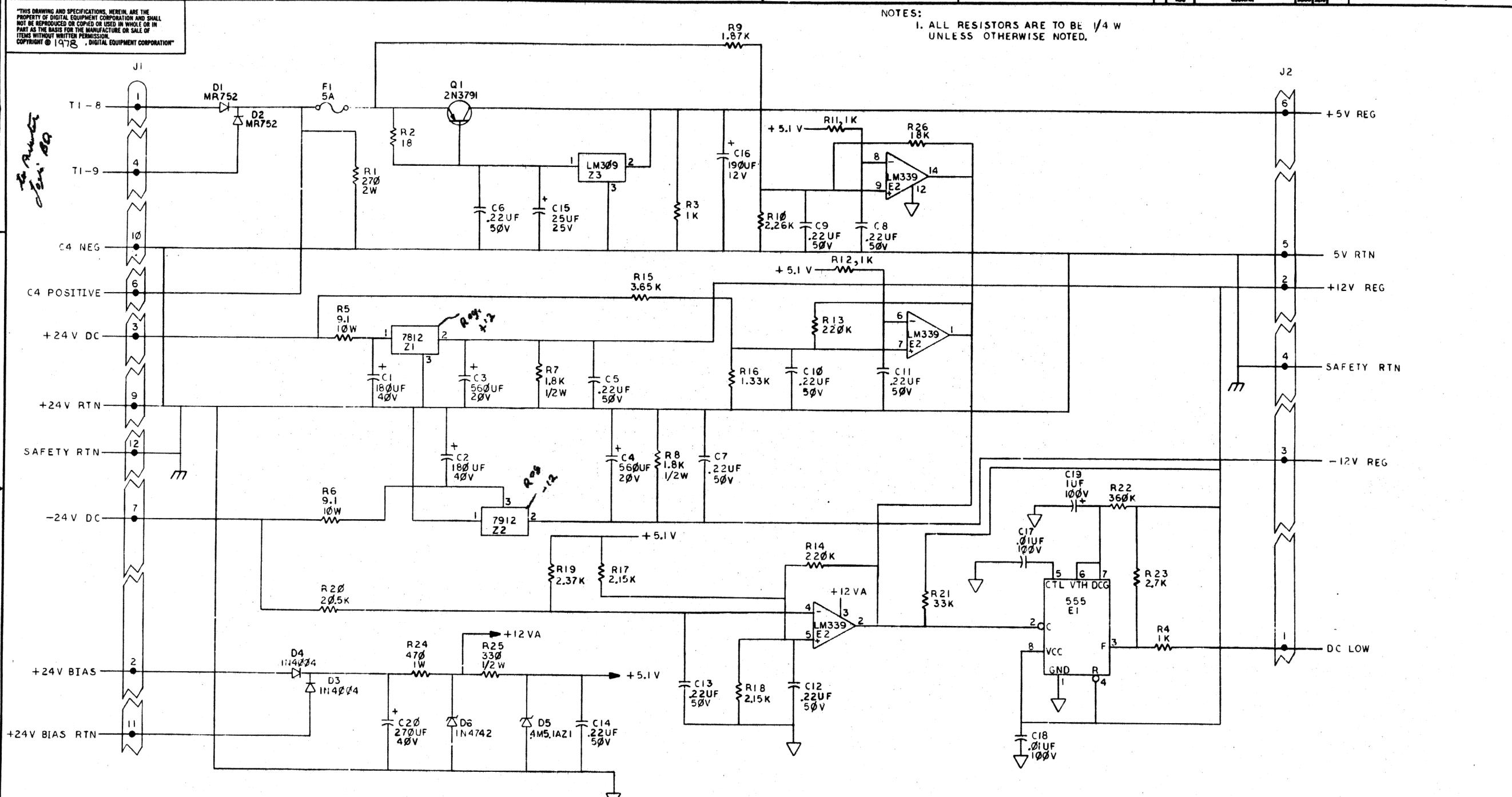
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REVISIONS		CHANGE NO.	REV.
DRW	1413044-PN02	F	1/2-63
CHK'D	5 MAR 82		
ENG	J. BITTO		
PROJ. ENG	E. J. BITTO		
PROD.	P. J. BITTO		
NEXT HIGHER ASSY.			
DEC FORM 10 GSA FPMR (41 CFR) 101-11.2.6.3			

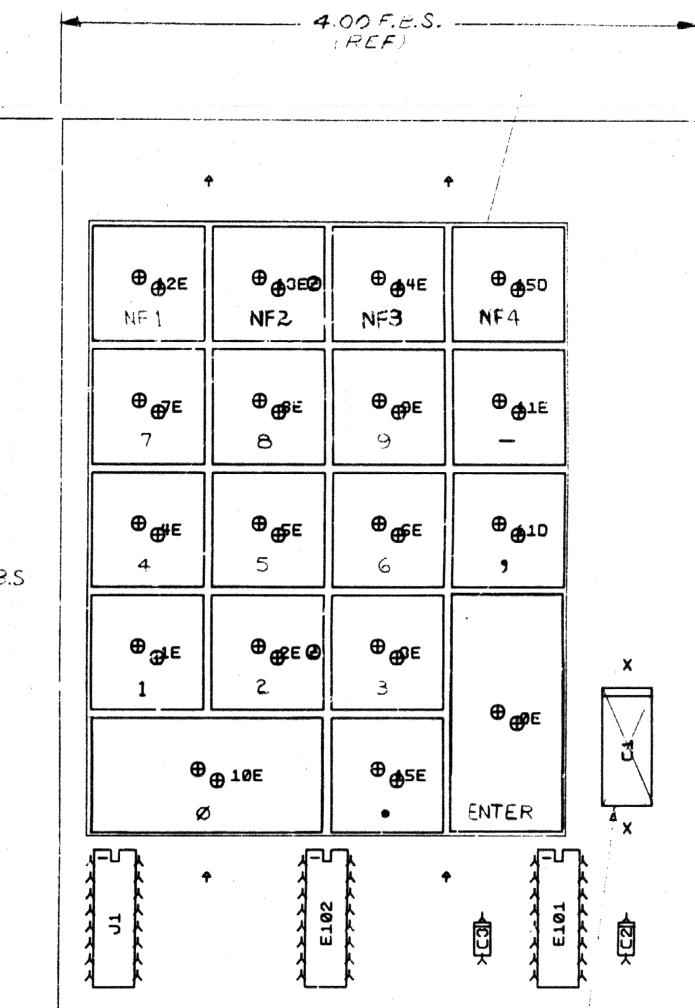
DRN. K. V. R.	11 JAN 78	FIRST USED ON	H7110/LA120	digital
CHK'D	5/1/78	TITLE		
ENG	J. BITTO			
PROJ. ENG	E. J. BITTO			
PROD.	P. J. BITTO			
NEXT HIGHER ASSY.				
E-5413044-0-1	SIZE	CODE	NUMBER	REV.
SCALE	/	/	D CS 5413044-0-1	H
SHEET	1	OF	1	DIST.

LA120 POWER SUPPLY

PN 1

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**COMPONENT SIDE VIEW**



-SEE NOTE I

NOTES: 1. CI IS NOT USED.

ETCH REV.	C
P.C. DESIGN DATA BASE REV.	C

SIGNATURES <i>PN. McCall</i>	DATE 3-16-77	digital		
CHK'D. <i>S. S.</i>	-			
ENG. <i>Roy F. Smith</i>	4APR78	TITLE KEYPAD		
PROJ. ENG. <i>1349 F. Smith</i>	4APR78	(LA120)		
PROD. <i>J. J.</i>	4/18/78			
SCALE 2'-1	SIZE D	CODE UA	NUMBER 5412644-0-0	REV B
SHT. 1 OF 3				
NEXT HIGHER ASSY. B-DD-5412644-0				

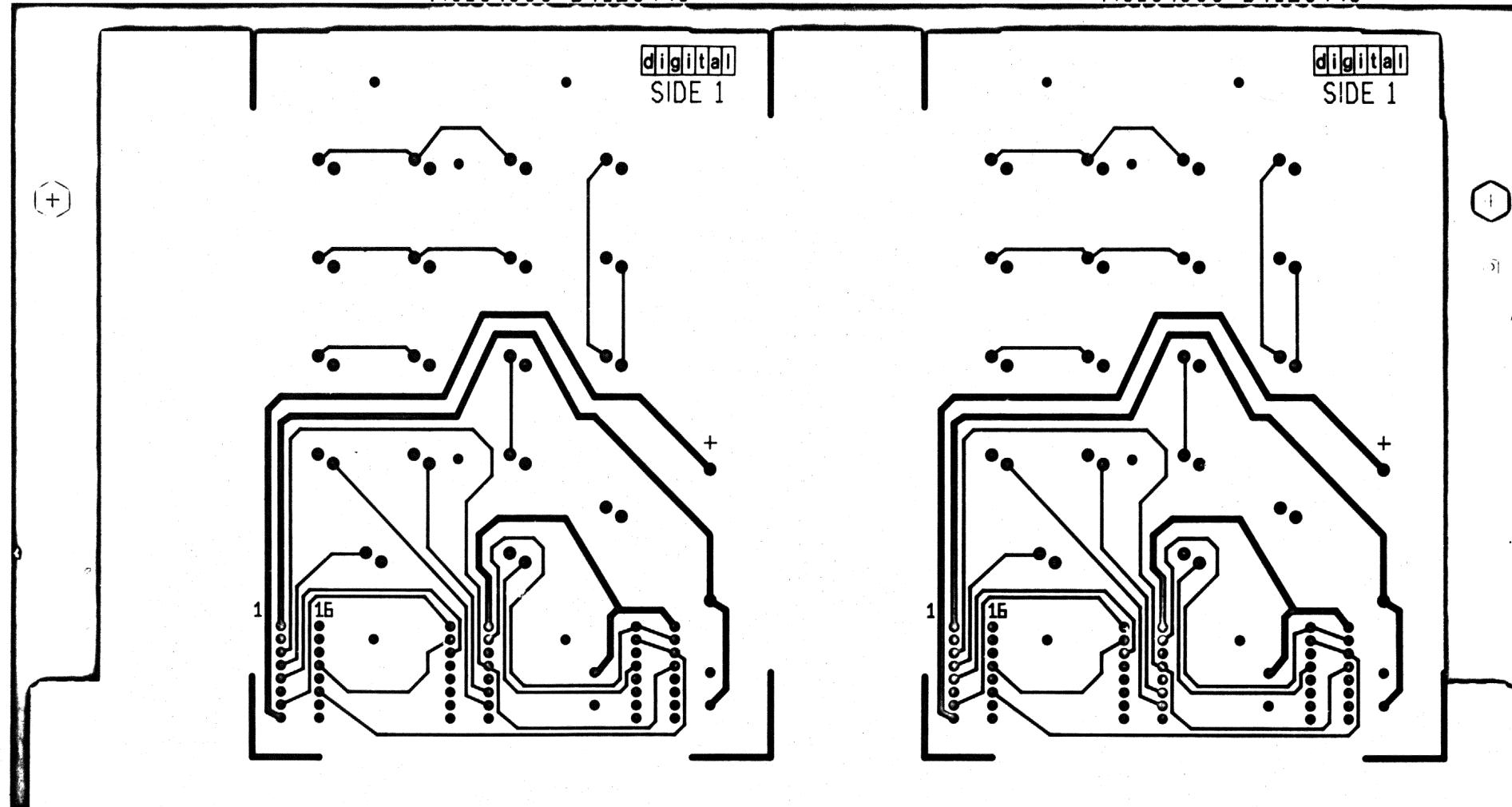
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L1 KEYPAD (LA12Q) 5012643  
MS104688 5412644C

L1 KEYPAD (LA12Q) 5012643  
MS104688 5412644C



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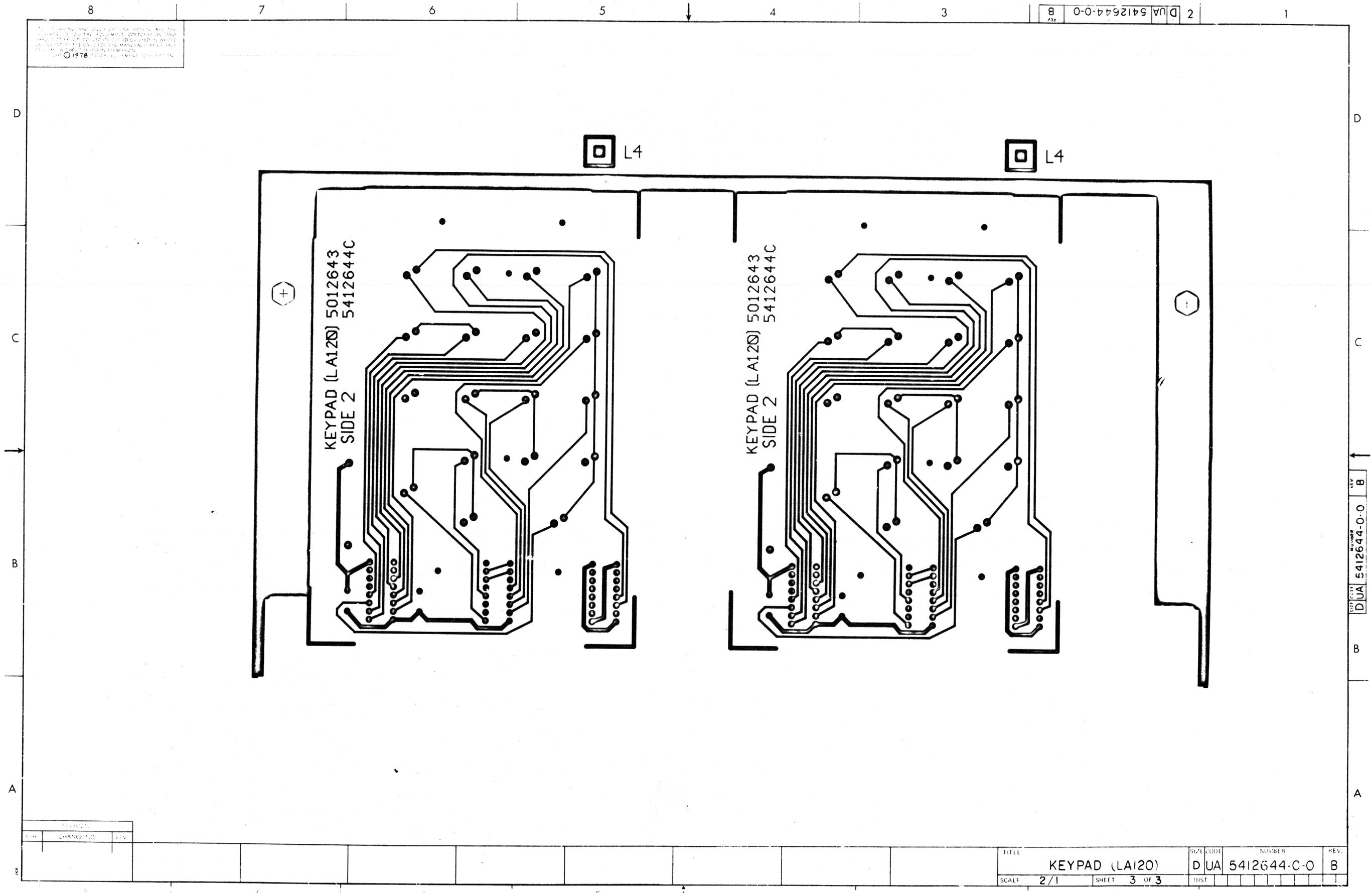
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REVISED  
CHG CHG/CDN R/T

TITLE KEYPAD (LA12Q)  
SCALE 2/1 SHEET 2 OF 3 DIST.

DUA 5412644-0-0 REV B



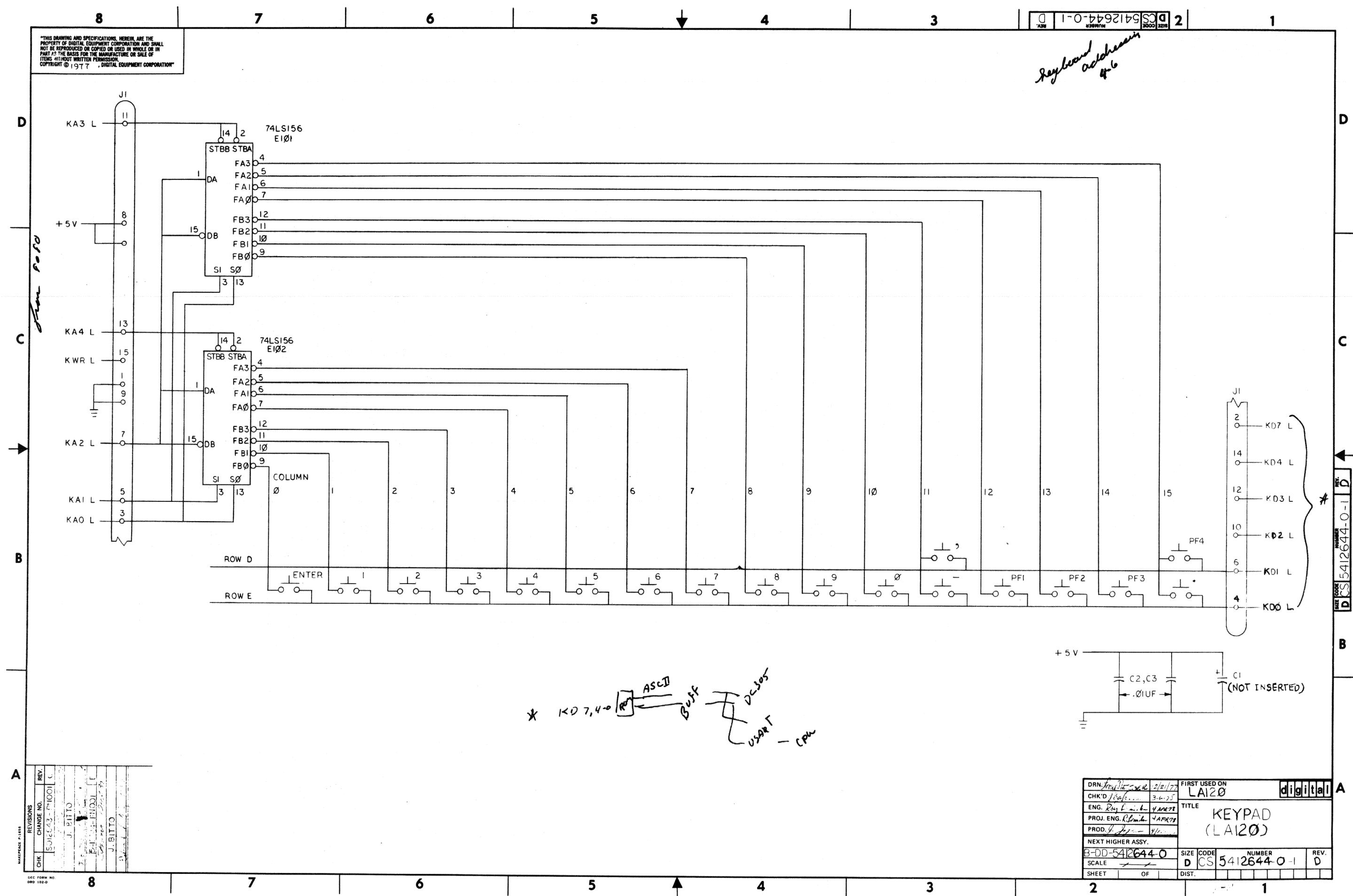
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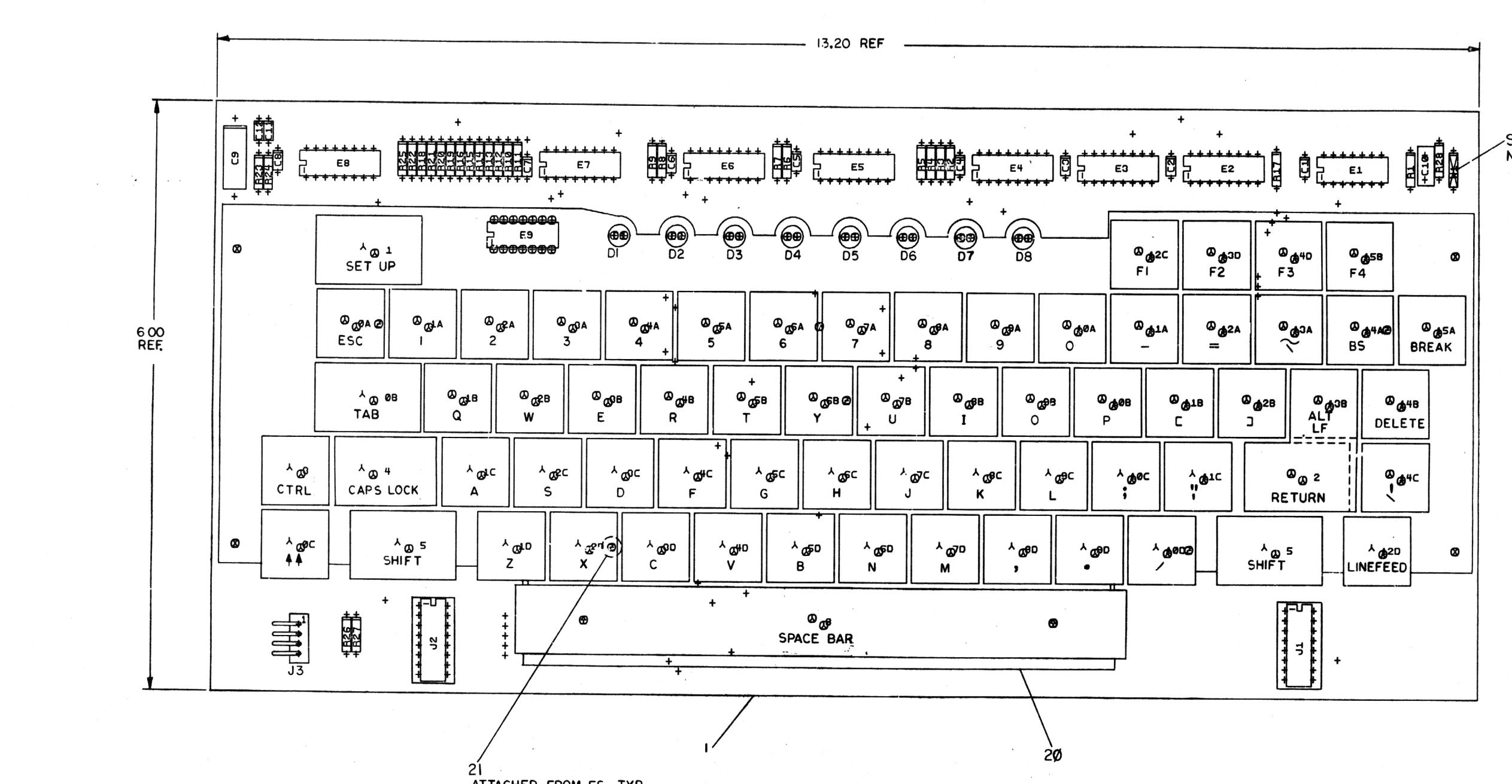
P A R T S   L I S T

SHEET A1 OF A1

LINE ITEM DOCUMENT NUMBER PART NUMBER DESCRIPTION QTY PER VARIATION REFERENCE DESIGNATOR

1	1	5012643-00	KEY PAD (LA120) (ETCH BRD.)	1	
2	2	1001610-00	,01 MFD 50V -20+80 Z5U AXIAL	2	C2,C3
3	3	1211813-02	SOCKET 16PIN IC LOW PROFILE.	1	J1
4	4	1913950-00	LS156 DECODER, 2 OF 4(DUAL)	2	E101,E10
5	5	7014561-00	18 KEY NUMERIC PAD ASSY	1	
6	6	9010033-00	SCREW,PAN,PHILLIPS, 4-24 X 3/8	2	





NOTES: I. WI NOT USED.

CHG/CHANGE NO	REV

ETCH REV.	D
P.C. DESIGN DATA BASE REV. DL	

SIGNATURES	DATE		
DRN. <i>M. Bradley</i>	3/14/78		
CHK'D. <i>R. Lomnicki</i>	5/14/78		
ENG. <i>Ray Lomnicki</i>	5/14/78		
PROJ. ENG. <i>Ray Lomnicki</i>	5/14/78		
PROD. <i>John Doe</i>	5/14/78		
SCALE 2/1	SIZE CODE	NUMBER	REV
SHT. 1 OF 3	D	UA 5412642-0-0	C
NEXT HIGHER ASSY. B-DD-5412642-0			

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5412642-0-0

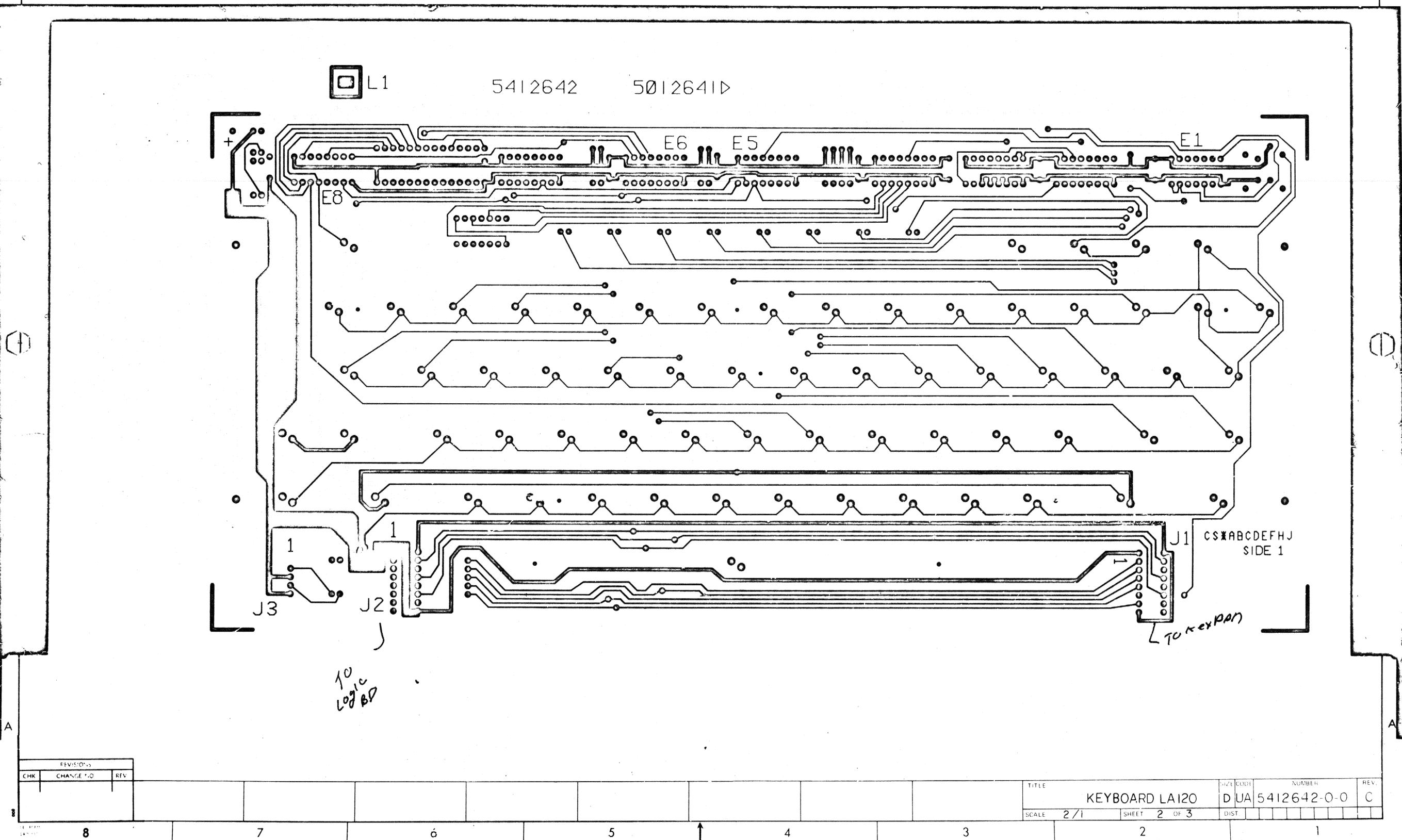
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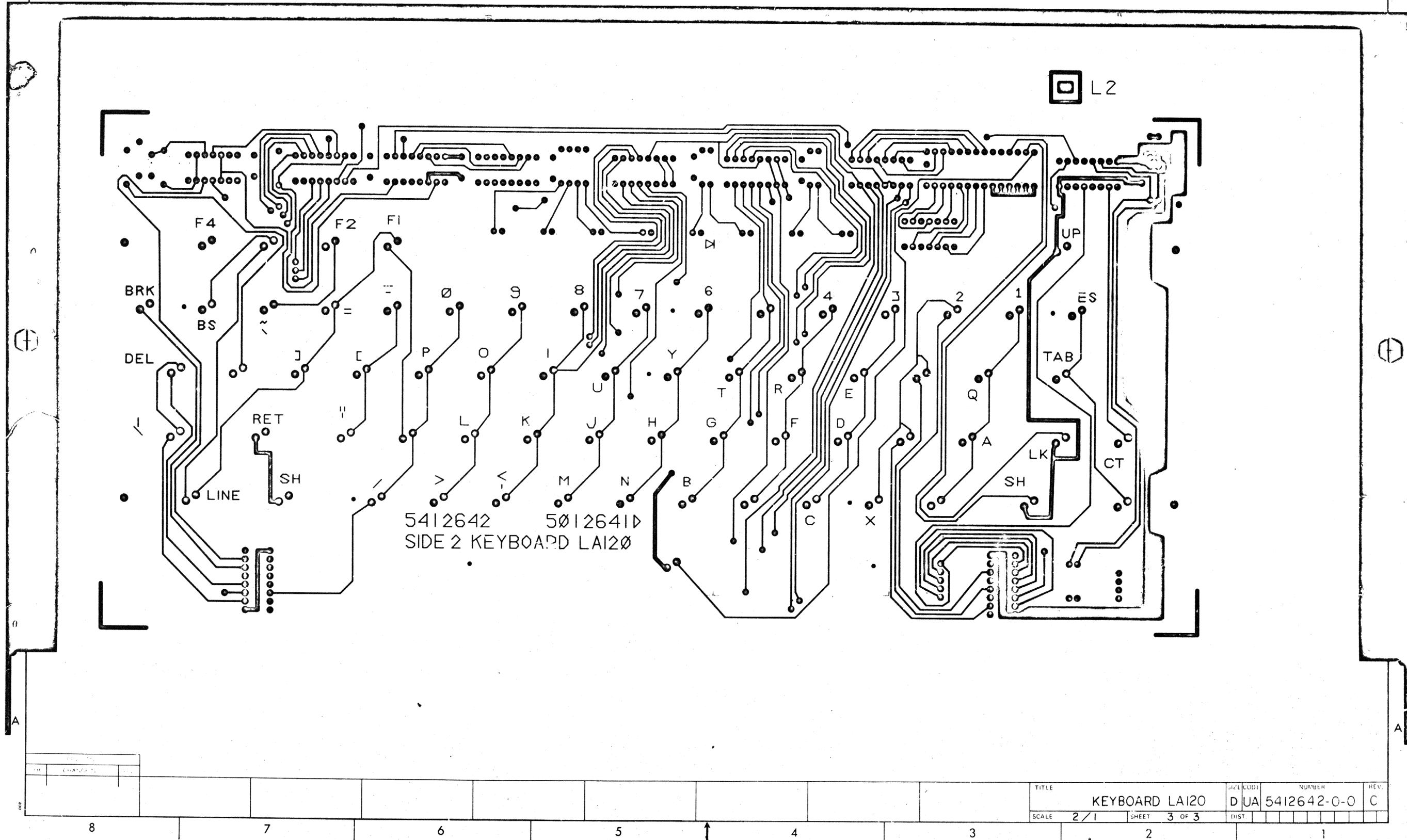


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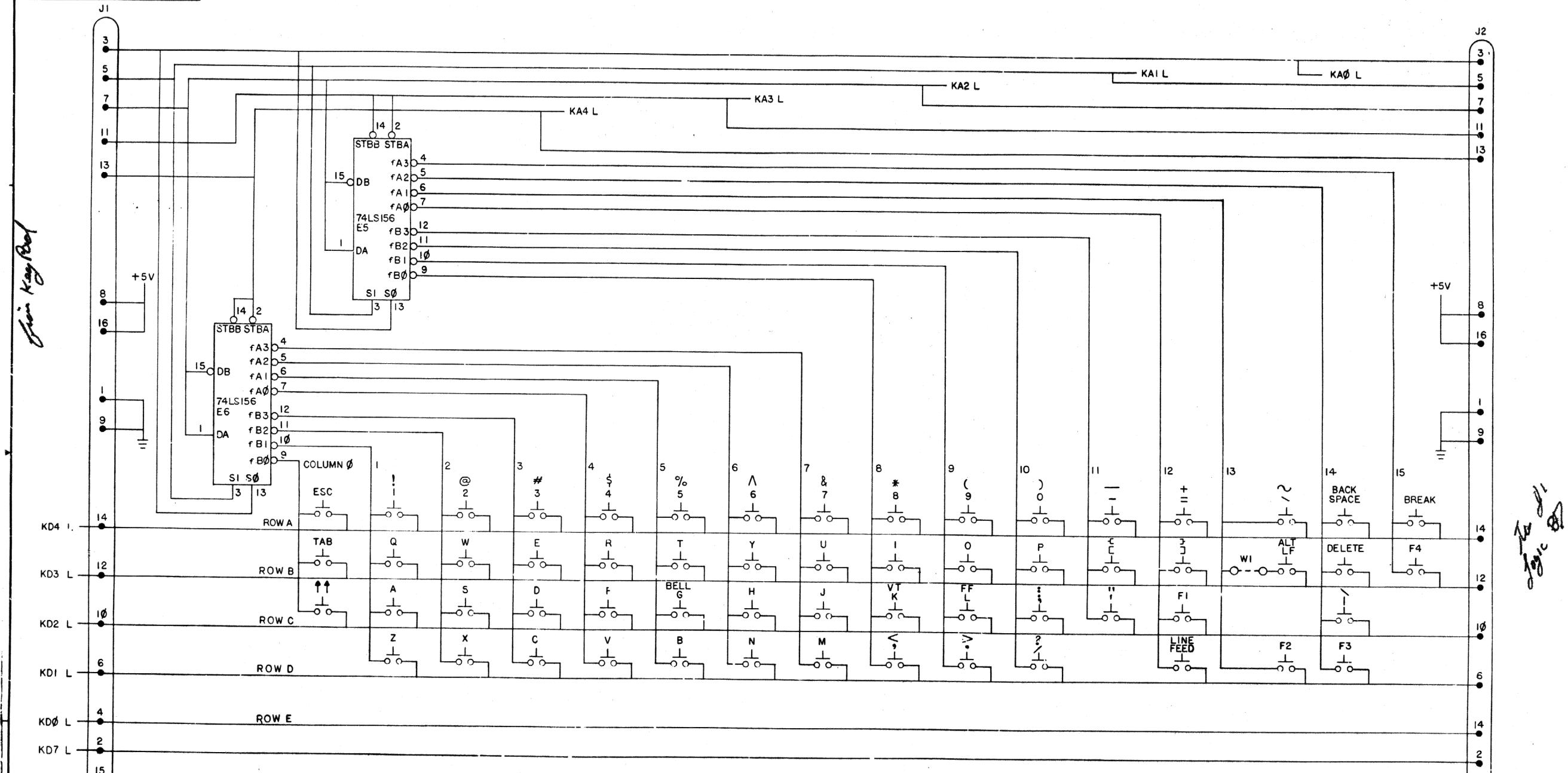
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LINE ITEM	DOCUMENT NO.	PART NO.	DESCRIPTION	QTY	REFERENCE DESIGNATORS
1	1	5012641-00	KEY BOARD (LA120) (ETCH BOARD)	1	
2	2	1000042-00	1000.0 MMF 100V 5%200PPM DM155 .01	(10-00	1 C10
3	3	1001610-01	MFD 100V OR 50V Z5U DISC/800PF MIN	10	C1-C8,C11,C12
4	4	1012084-01	8 MFD 25V 6% 30D AL EL	(10-12	1 C9
5	5	1110864-00	LED 2MCID@10MA		8 D1-D8
6	6	1114589-00	LED, 4-DIGIT, 10MA, 3V, RED		1 E9
7	7	1211813-02	SOCKET 16PIN IC LOW PROFILE, GOLD PLATE	2	J1,J2
8	8	1214981-00	CONN 4PIN RT ANGLE	\$	1 J3
9	9	1300309-00	390 1/4W 5%	CC (13-00	10 R26-R28,R10-R16
10	10	1300316-00	470 1/4W 5%	CC (13-00	9 R2-R9,R17
11	11	1300479-00	10 K 1/4W 5%	CC (13-00	8 R18-R25
12	12	1302957-00	121 1/4W 1% RN55D-F 100PPM	(13-00	1 R1
13	13	1910047-00	74145 DECODER&DRIVER		1 E4
14	14	1911637-00	74132 NAND GATE-QUAD 2 IN SCHMITT TR		1 E1
15	15	1912648-00	LS251 MUX 8 INPUT, TRI-STA		1 E8
16	16	1912849-00	LS161 COUNTER, SYNCHR, 4BIT BINARY		1 E3
17	17	1912860-00	LS259 LATCH 8BIT		1 E2
18	18	1913950-00	LS156 DECODER, 2 OF 4(DUAL) & DEMUX	2	E5,E6
19	19	2114580-00	DECODER BCD-7/DRIVER		1 E7
20	20	7013910-00	KEY SWITCH ARRAY ASSY		1
21	21	9010033-00	SCREW,PAN,PHILLIPS, 4-24 X 3/8 TYPE 25		5

REVISION HISTORY			VARIATIONS FOR THIS ASSY.		
CHK	ECO NO	REV	FIRST USED ON: LA120	DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
		00	MADE BY: P.KENDIRCK	DATE: 15-FEB-78	TITLE PARTS LIST
	INIT	C	CHECKED: W.CASSIDY	DATE: 15-FEB-78	KEYBOARD (LA120)
			DSN.ENG.: R. LOMICKA	DATE: 18-APR-78	SIZE/CODE! DOCUMENT NUMBER ! REV
			PROD.: J. JOYCE	DATE: 18-APR-78	K ! PL ! 5412642-0-DBP !C
			RESP.ENG.: R. LOMICKA	DATE: 18-APR-78	ASSY.NO.: II-UA-5412642-0-0 ! EDIT# 17
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REVISIONS	CHANGE NO.	REV.
CHK		

DRN. No. 30000000	10/10/77	FIRST USED ON	LA120	digital
CHK'D by [Signature]	3/2/78	TITLE	KEYBOARD LA120	
ENG. Des. L. L. [Signature]	10/10/77	PROJ. ENG. E. [Signature]	10/10/77	PROD. J. [Signature]
NEXT HIGHER ASSY.		SIZE	CODE	NUMBER
		D	CS 5412642-0-1	REV. C
SCALE NONE		SHEET 1 OF 2	DIST.	

8

7

6

5

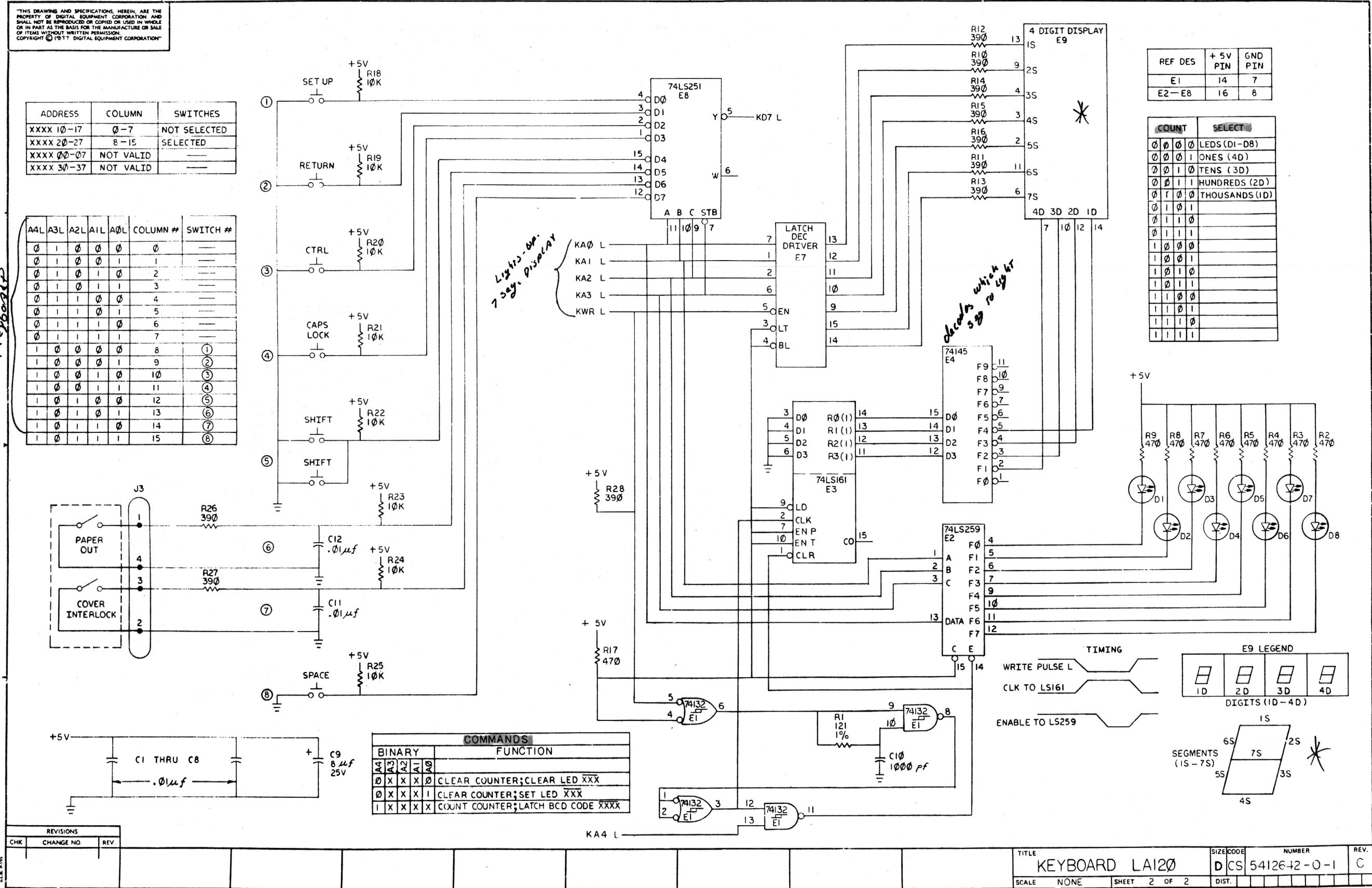
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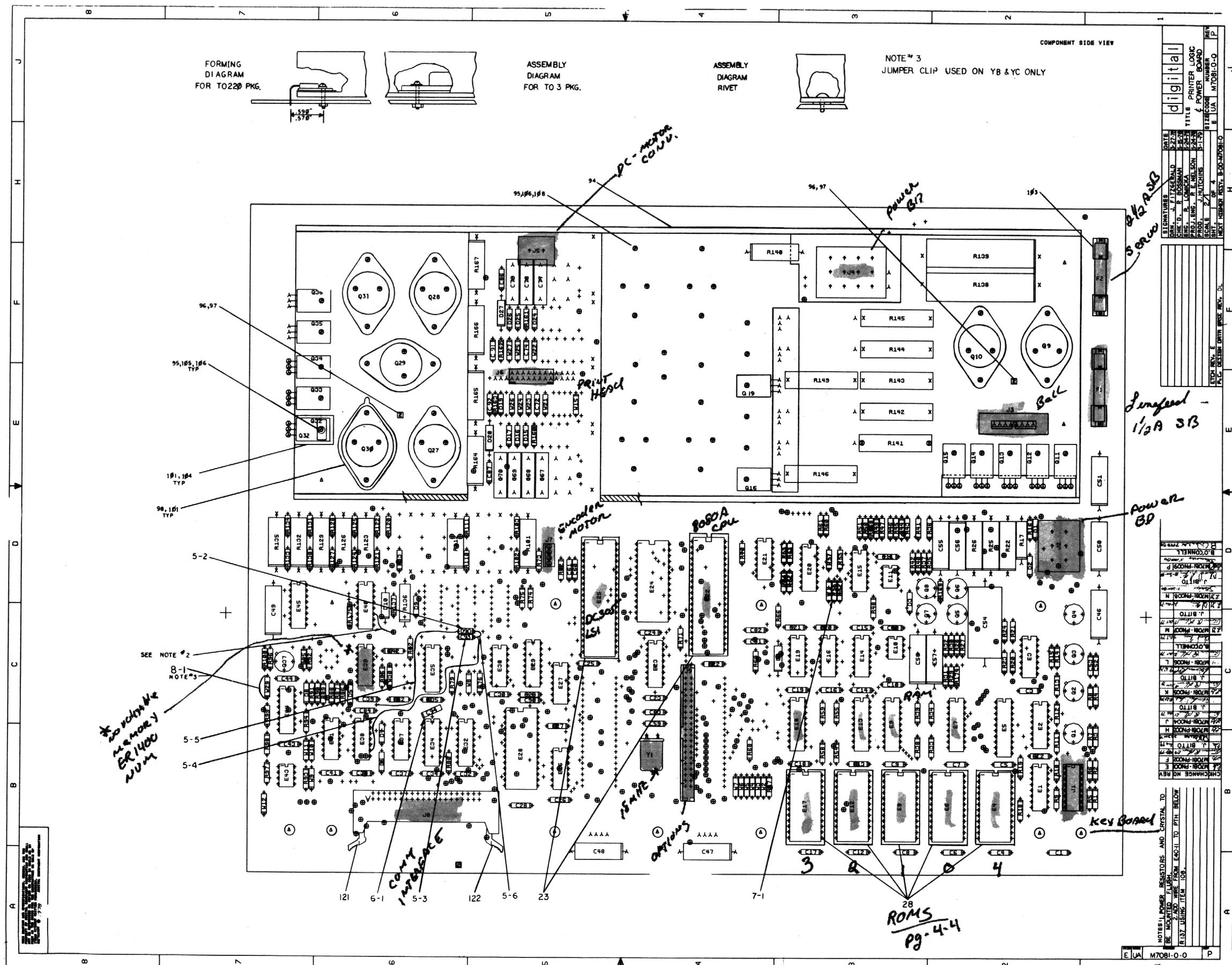
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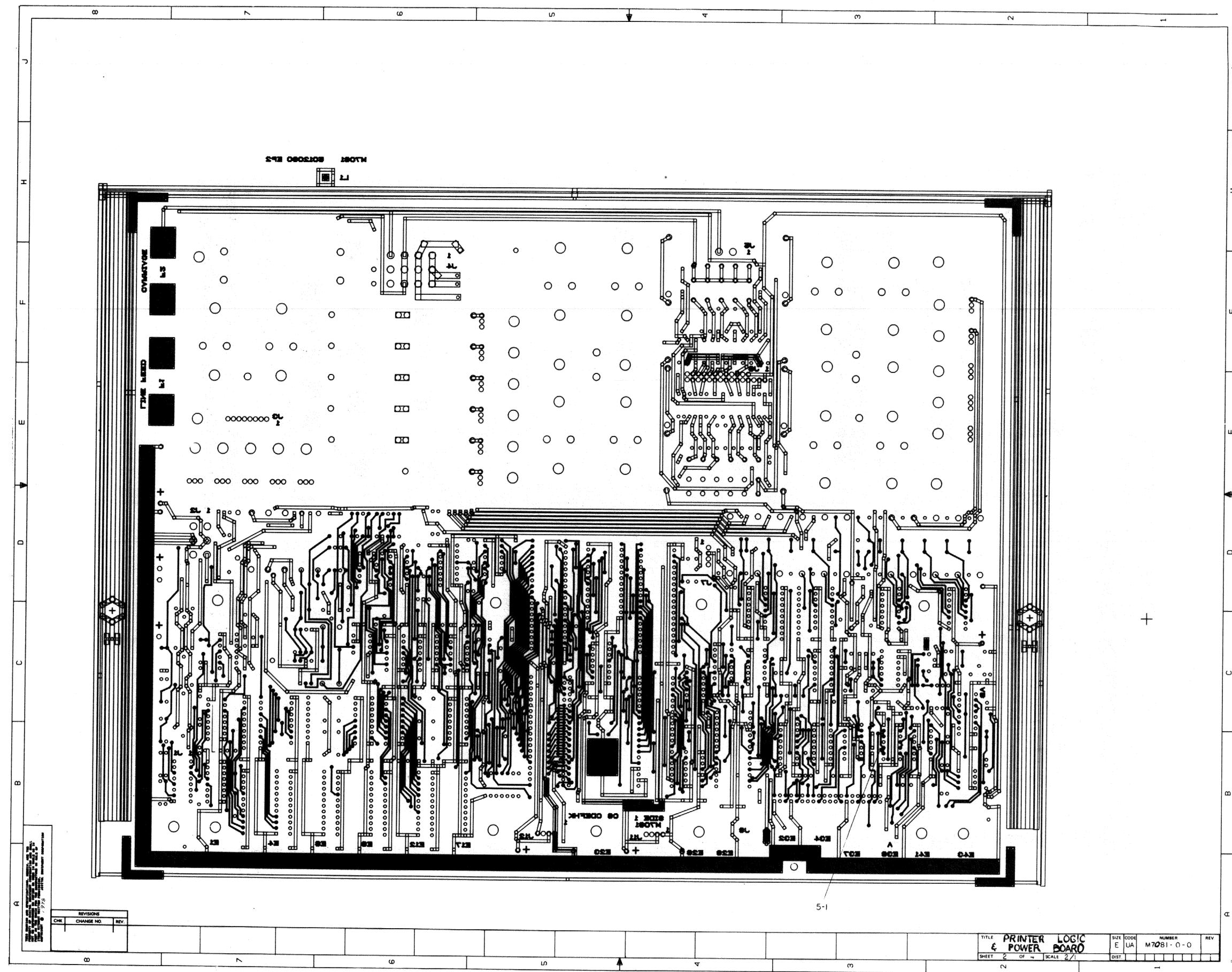
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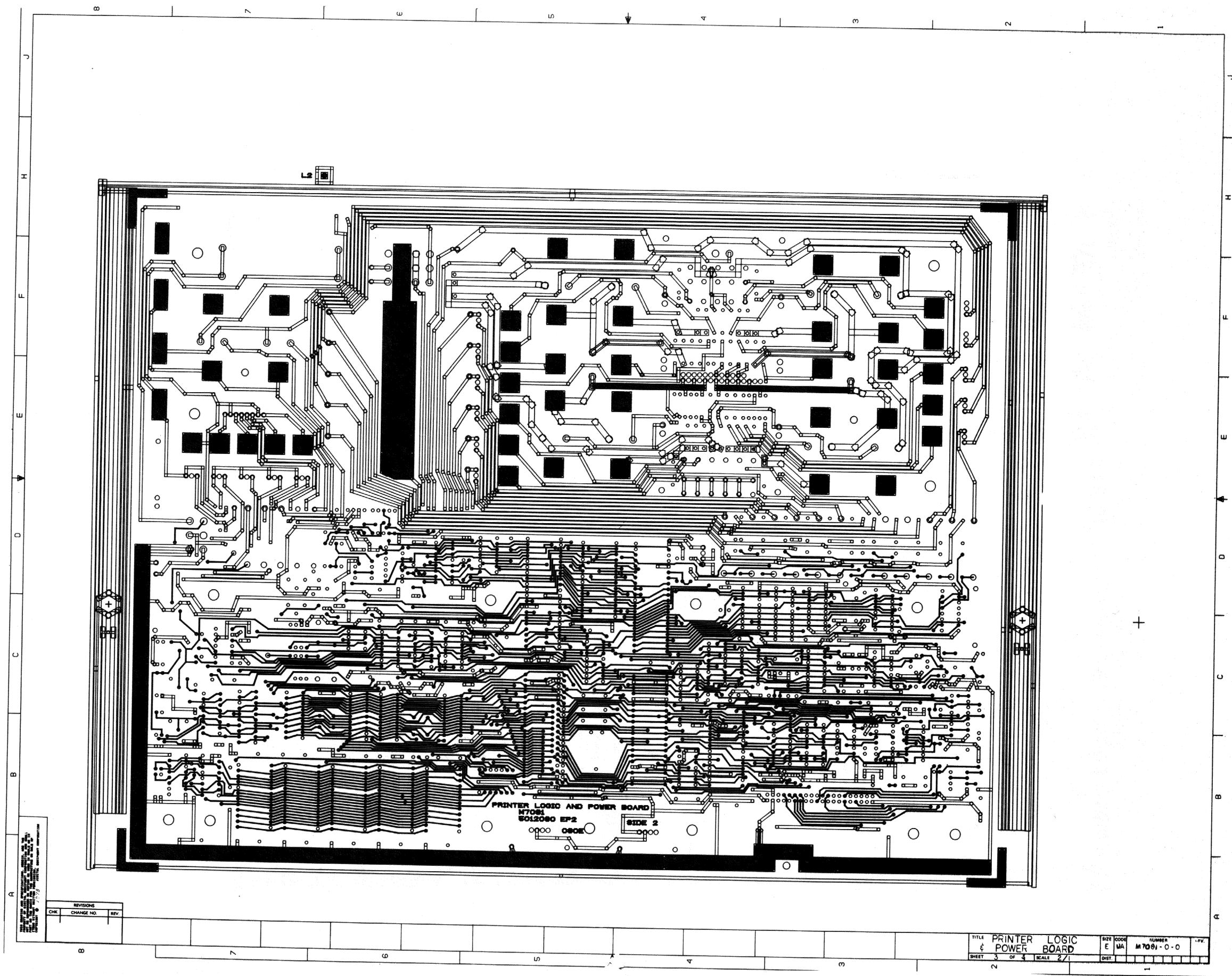
2

D CS 5412642-0-1 C KEY









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**REWORK INSTRUCTIONS**

**ECO #5**

ETCH CUT SIDE 1:

5-1 CUT ETCH BETWEEN E38-9 AND E38-10

COMPONENT ADDS:

5-2 D90 CATHODE TO E33-9 AND ANODE TO E33-12

5-3 C93 TO E33-10 AND E33-11

WIRE ADDS:

5-4 FROM E38-9 TO E33-11

5-5 FROM PTH BETWEEN C39 AND C84 TO E33-9

5-6 FROM E33-11 TO E33-12

**ECO #6**

COMPONENT ADDS:

6-1 C94 TO E34-1 AND TO GROUND.

**ECO #7**

COMPONENT ADDS:

7-1 ADD W1, R52, R53, R56, R57, R62 THRU R65.

**ECO #8**

ADD ITEMS 119 AND 120 IN PLACE OF  
W29 ON VARIATIONS YB AND YC ONLY.

REVISIONS	CHANGE NO.	REV.					
CHK							
PRINTED BY DATE							
8	7	6	5	4	3	2	1
TITLE: PRINTER LOGIC & POWER BOARD							
EUA M7061-0-0 REV. P							
SCALE	1/1	SHEET	4	OF	4	EST.	



LINE	ITEM	DOCUMENT NO.	PART NO.	DESCRIPTION	QTY	REFERENCE DESIGNATORS
29	29		1300171-00	10 1W 5%	CC (13-00) 1	R22
30	30		1300295-00	330 1/4W 5%	CC (13-00) 3	R12,R69,R96
31	31		1300316-00	470 1/4W 5%	CC (13-00) 3	R15,R162,R163
32	32		1300365-00	1 K 1/4W 5%	CC (13-00) 21	R3,R4,R11,R13,R14,R20,R21,R23,
					CONT	R24,R27,R30,R36,R37,R49,R67,
					CONT	R68,R70,R71,R79,R94,R80
33	33		1300391-00	1.5 K 1/4W 5%	CC (13-00) 6	R1,R2,R5,R6,R9,R10
34	34		1300415-00	2.2 K 1/2W 5%	CC (13-00) 2	R17,R136
35	35		1300417-00	2.2 K 1/4W 5%	CC (13-00) 9	R16,R76,R84-R87,R89,R90,R92
36	36		1300426-00	2.7 K 1/4W 5%	CC (13-00) 2	R73,R75
37	37		1300447-00	4.7 K 1/4W 5%	CC (13-00) 16	R8,R18,R19,R66,R91,R82,R93,
					CONT	R99,R103,R111,R120,R122,R125,
					CONT	R128,R131,R134
38	38		1300479-00	10 K 1/4W 5%	CC (13-00) 11	R40,R42,R46,R47,R88,R95,R97,
					CONT	R98,R168,R170,R171
39	39		1301327-00	68 K 1/4W 5%	CC (13-00) 2	R50,R41
40	40		1302391-00	20 K 1/4W 5%	CC (13-00) 8	R33,R34,R38,R39,R54,R55,R58,
					CONT	R59
41	41		1303048-00	560 1W 5%	CC (13-00) 6	R25,R26,R164-R167
42	42		1304839-00	51 K 1/4W 5%	CC (13-00) 1	R174
43	43		1304854-00	5.11 K 1/4W 1% RN55D-F 100PPM	(13-00) 4	R28,R32,R35,R44
44	44		1305346-00	27 K 1/4W 5%	CC (13-00) 4	R72,R74,R100,R137
45	45		1309422-00	5.1 1/4W 5%	CC (13-00) 1	R31
46	46		1309595-00	1 M 1/4W 5%	CC (13-00) 8	R7,R102,R110,R121,R124,R127,
					CONT	R130,R133
47	47		1310606-00	75 10W 5%	WW (13-00) 2	R138,R139
48	48		1310881-04	150 1/4W 5% FUSIBLE	(13-00) 2	R160,R161
49	49		1312618-00	16.9 K 1/4W 1% RN55D-F 100PPM	(13-00) 1	R60
50	50		1312928-00	51 1/4W 5%	CC (13-00) 1	R29
51	51		1313844-00	221 K 1/4W 1% RN55D-F 100PPM	(13-00) 1	R48
52	52		1314515-00	1.5 K 1W 5%	CC (13-00) 7	R101,R112,R123,R126,R129,R132,
					CONT	R135
53	53		1314516-00	200 K 1/4W 5%	CC (13-00) 1	R43
54	54		1314547-00	.075 3W 3%	WW (13-00) 1	R140
55	55		1314581-00	1.70 5W 1%	WW (13-00) 7	R141-R146,R149
56	56		1314988-00	6.65 K 1/4W 1% RN55D-F 100PPM	(13-00) 1	R61
57	57		1314989-00	11.3 K 1/4W 1% RN55D-F 100PPM	(13-00) 1	R51
58	58		1314990-00	158 K 1/4W 1% RN55D-F 100PPM	(13-00) 1	R45
59	59		1510705-00	XA 05 NPN 500MW SI 60 50 P	(13-00) 3	Q2,Q3,Q6
60	60		1510706-00	XA 55 PNP 500MW SI 60 50 P	(13-00) 6	Q1,Q4,Q5,Q7,Q8,Q37
61	61		1511282-00	MJ2500 PNP 150WC SI 60 5 1K 5A 1MZ 5A DA	(13-00) 3	Q10,Q30,Q31
62	62		1511349-00	TIF 640 (OR MJ3000) NPN DARLINGTON (COMPL.	(13-00) 3	Q9,Q27,Q28
63	63		1514508-00	TIF 121 NPN 65W SI 80 1000 8A DARLINGT	(13-00) 11	Q12-Q16,Q19,Q32-Q36
64	64		1514509-00	TIF 125 PNP 65W SI 60 500 8A DARLINGT	(13-00) 1	Q11
65	65		1809880-06	XTAL 18.0 MHZ	(13-00) 1	Y1
66	66		1910298-00	741 OF AMP GEN PURP, COMPENSATED D	(13-00) 1	E10
67	67		1910322-00	DEC 1488L DRIVER,LINE,QUAD,EIA RS-232C	(13-00) 1	E38
68	68		1910741-00	7406 INVERTER GATE-HEX 1IN,BUFFER,O	(13-00) 2	E3,E30

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE PRINTER LOGIC AND POWER BOARD	SIZE PL	CODE M7081-0-DBP	DOCUMENT NUMBER ID	REV D
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LINE ITEM	DOCUMENT NO.	PART NO.	DESCRIPTION	QTY	REFERENCE DESIGNATORS
69	69	1911469-00	DEC 8640 RECEIVER,BUS,QUAD,UNIBUS,Q-BU	1	E26
70	70	1912697-00	LS174 FF-D HEX W/CLEAR	1	E29
71	71	1912799-00	LS00 NAND-GATE-QUAD 2IN,POSITIVE	3	E15,E19,E27
72	72	1912801-00	DEC LS02 NOR GATE-QUAD 2IN	1	E16
73	73	1912803-00	LS04 INVERTER GATE-HEX-1IN	1	E14
74	74	1912816-00	LS32 OR GATE-QUAD 2IN,POSITIVE	1	E21
75	75	1912846-00	LS155 DECODER,2 OF 4(DUAL) & DEMUX	2	E20,E35
76	76	1912853-00	DEC LS175 FF-D QUAD	1	E34
77	77	1913105-00	8224 DRIVER/GEN CLOCK FOR CPU,2 PH	1	E23
78	78	1913109-00	8228 BUFFER,DATA BASE FOR LOW PWR S	1	E24
79	79	1913130-00	DEC 1489A RECEIVER,LINE,QUAD,EIA RS-232	2	E37,E41
80	80	1914156-00	LM 393 VOLT.COMPARATOR DUAL	2	E11,E43
81	81	1914213-00	81L597 BUFFER GATE-OCTAL 2IN,TRI-STA	1	E5
82	82	1914519-00	CURRENT REGULATOR CIRCUIT	2	E40,E45
83	83	1914560-00	LS368 DRIVER,BUS,HEX,TRI-ST	4	E1,E2,E32,E44
84	84	2113107-01	8251A USART-COMM.INTERFACE	1	E28
85	85	2113108-00	8080A MICROPROCESSOR 8-BIT MOS N-CHA	1	E22
86	86	2113954-00	DC 305 DRIVER,CPU TO PRINTER	1	E25
87	87	2114212-01	2114 RAM,1024X4,STATIC 18PIN	4	E9,E18,E7,E13
88	88	2114524-01	ROM 100X14BIT,ERASABLE,14PIN PLAS	1	E39
89	89	23003E2-00	E2-01	1	E6
90	90	23004E2-00	E2-01	1	E8
91	91	23005E2-00	E2-01	1	E12
92	92	23006E2-00	E2-01	1	E17
93	93	23007E2-00	E2-01	1	E4
94	94	7420248-00	HEAT SINK	1	
95	95	9008033-01	SCREW,PAN ,PHIL, 4-40X 9/16 SS/PAS	26	
96	96	9006508-00	RIVET, BLIND, .125 DIA X .419 LG	2	
97	97	9006658-00	WASHER, FLAT, .375 O.D. X .144 I.D. X .062	2	
98	98	9006721-00	WASHER, SPECIAL INSULATING, #294457	7	
99	99	9007213-00	FUSE, SLO BLOW, 1.500A, 250V, GLASS	1	F1
100	100	9007879-00	FUSE, SLO BLOW, 2.500A, 250V, GLASS	1	F2
101	101	9008268-00	COMPOUND, THERMAL JOINT	A/R	
102	102	9009185-00	JUMPER, WIRE, INSULATED, BLACK BAND	21	W2-W13,W15,W21-W27,W29
103	103	9009513-00	CLIP, FUSE WITH STOP, FOR P.C. BOARD	4	
104	104	9009597-00	INSULATOR, THERMA-FILM	12	
105	105	9009769-00	WASHER, RECTANGULAR .405X.225X.060	12	
106	106	9009990-00	NUT,KEP , 4-40 X1/4 AF	CS	26
107	107	9006632-00	WASHER,LOCK,INT.,.2600D X .120ID X .015 THK	14	
108	108	9105740-00	WIRE(WRAP)30AWG UL1423 (91-00 A/R		
109	109	1302514-00	39 K 1/4W 5%	CC	(13-00) 1 R169

110 NOTE: 1: COMPONENTS NOT INSERTED IN THIS VARIATION ARE:

111 NOTE: C31,C33,C36,C63-C66,C71,C73,C75,C76,C88,C89,

!-----	!-----	TITLE	PARTS LIST	!-----	SIZE!CODE!	DOCUMENT NUMBER	! REV !
!-----	!-----	DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	PRINTER LOGIC AND POWER BOARD	!-----	K PL	M7081-0-DBP	ID

AUTOMATED BY PRTLST 1D(10)

P A R T S   L I S T

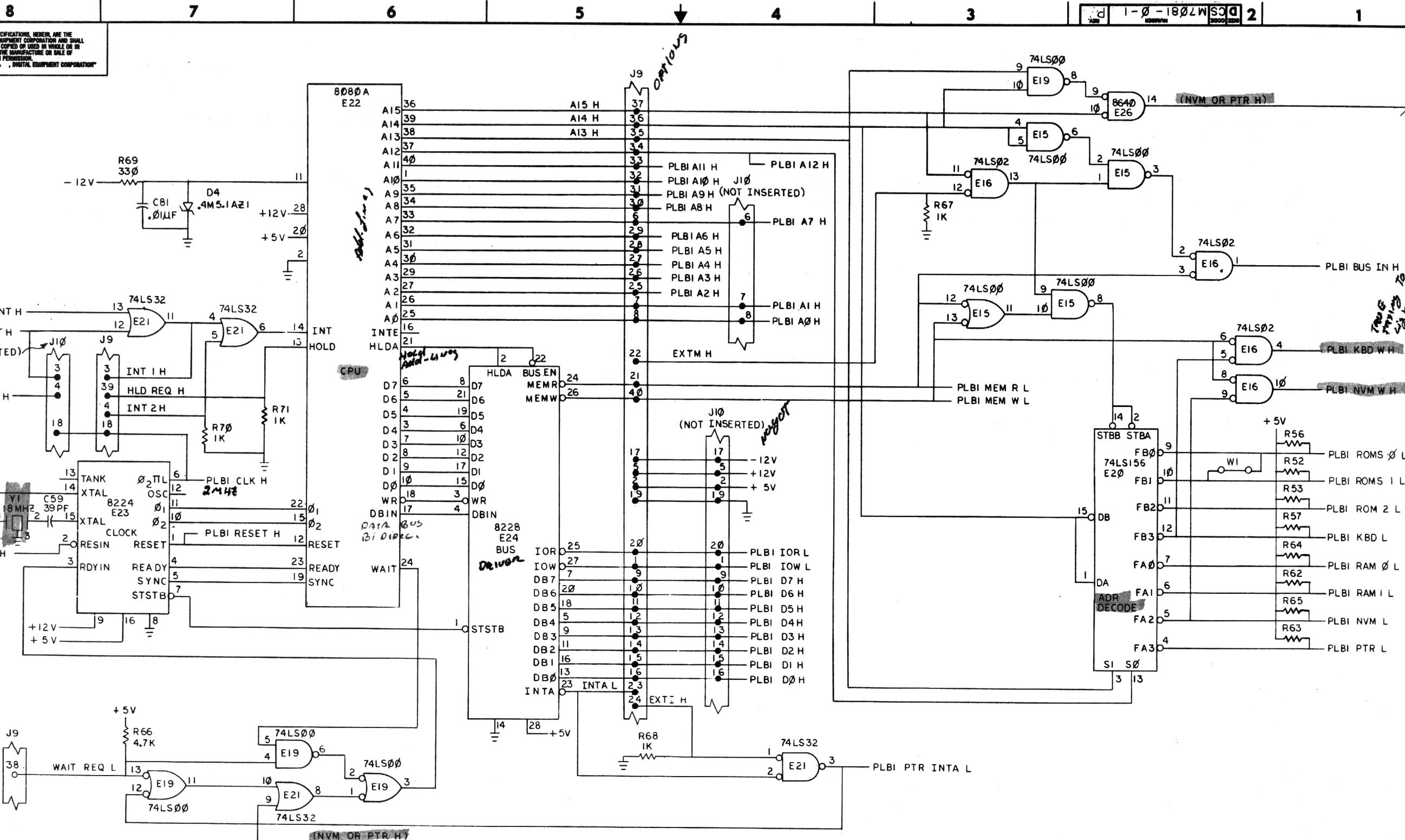
SHEET 4 OF 4

LINE ITEM	DOCUMENT NO.	PART NO.	DESCRIPTION	QTY	REFERENCE DESIGNATORS
-----------	--------------	----------	-------------	-----	-----------------------

112	NOTE:	J10-J12,R52,R53,R56,R57,R62-R65,R77,R78,R81,			
113	NOTE:	R83,R104-R109,R113-R119,R147,R148,R150-R159,			
114	NOTE:	R172,R173,Q17,Q18,Q20-Q26,E31,E33,E36,E42,			
115	NOTE:	W1,W14,W16-W20,W28,D11-D14,D18,D21-D23.			

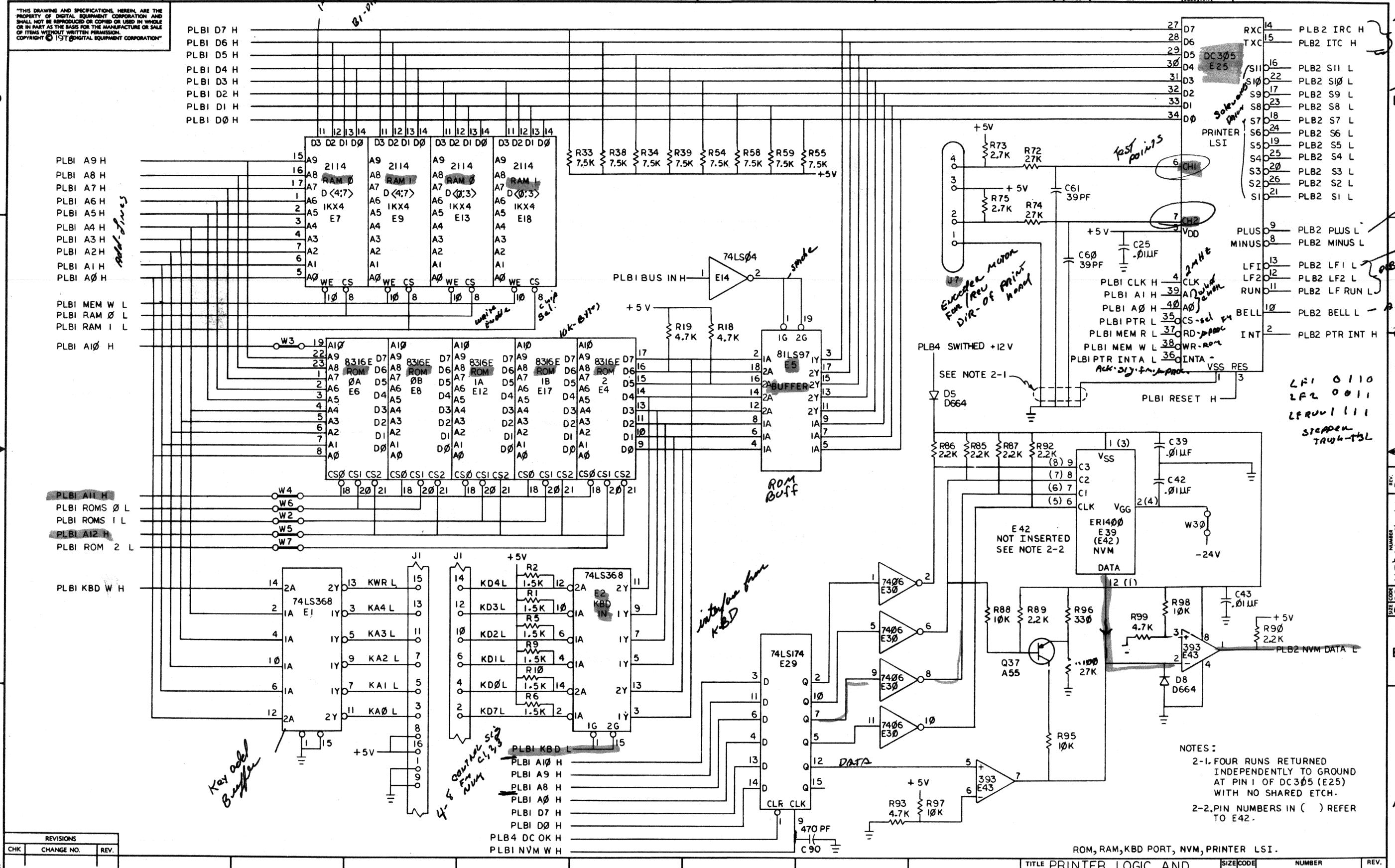
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! DIGITAL EQUIPMENT CORPORATION !		PRINTER LOGIC AND POWER BOARD	! L !	! !	! !
! MAYNARD, MASSACHUSETTS !			! K !	! M7081-0-DBP !	! D !
!-----			! PL !		! !

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REVISIONS	CHANGE NO.	REV.
1	M7081-PN001	E
2	J. BITTO	F
3	R. O'CONNELL	G
4	J. BITTO	H
5	M7081-PN003	I
6	J. BITTO	J
7	B. O'CONNELL	K
8	M7081-PN005	L
9	J. BITTO	M
10	M7081-PN006	N
11	J. BITTO	O
12	M7081-PN008	P
13	M7081-PN009	Q
14	J. BITTO	R
15	M7081-PN010	S
16	J. BITTO	T
17	M7081-PN011	U
18	J. BITTO	V
19	M7081-PN012	W
20	J. BITTO	X
21	M7081-PN013	Y
22	J. BITTO	Z
23	M7081-PN014	A
24	J. BITTO	B
25	M7081-PN015	C
26	J. BITTO	D
27	M7081-PN016	E
28	J. BITTO	F
29	M7081-PN017	G
30	J. BITTO	H
31	M7081-PN018	I
32	J. BITTO	J
33	M7081-PN019	K
34	J. BITTO	L
35	M7081-PN020	M
36	J. BITTO	N
37	M7081-PN021	O
38	J. BITTO	P

CPU, CLOCK, BUS, ADR DECODE		
DRN: M7081-01-1	FIRST USED ON LA120	
CHK'D: J. BITTO	REV. 1	
ENG. 1: J. BITTO	DATE: 10/10/78	
PROJ. ENG. 1: J. BITTO	PROD. ENG. 1: J. BITTO	
PROD. 1: J. BITTO	DATE: 10/10/78	
NEXT HIGHER ASSY.		
B-DD-M7081-0		
SCALE 1:1	SHEET 1 OF 7	
SIZE D	CODE C	NUMBER M7081-0-1
REV. 1	DIST. 1	



NOTES:

2-1. FOUR RUNS RETURNED  
INDEPENDENTLY TO GROUND  
AT PIN 1 OF DC305 (E25)  
WITH NO SHARED ETC.

2-2. PIN NUMBERS IN ( ) REFER  
TO E42.

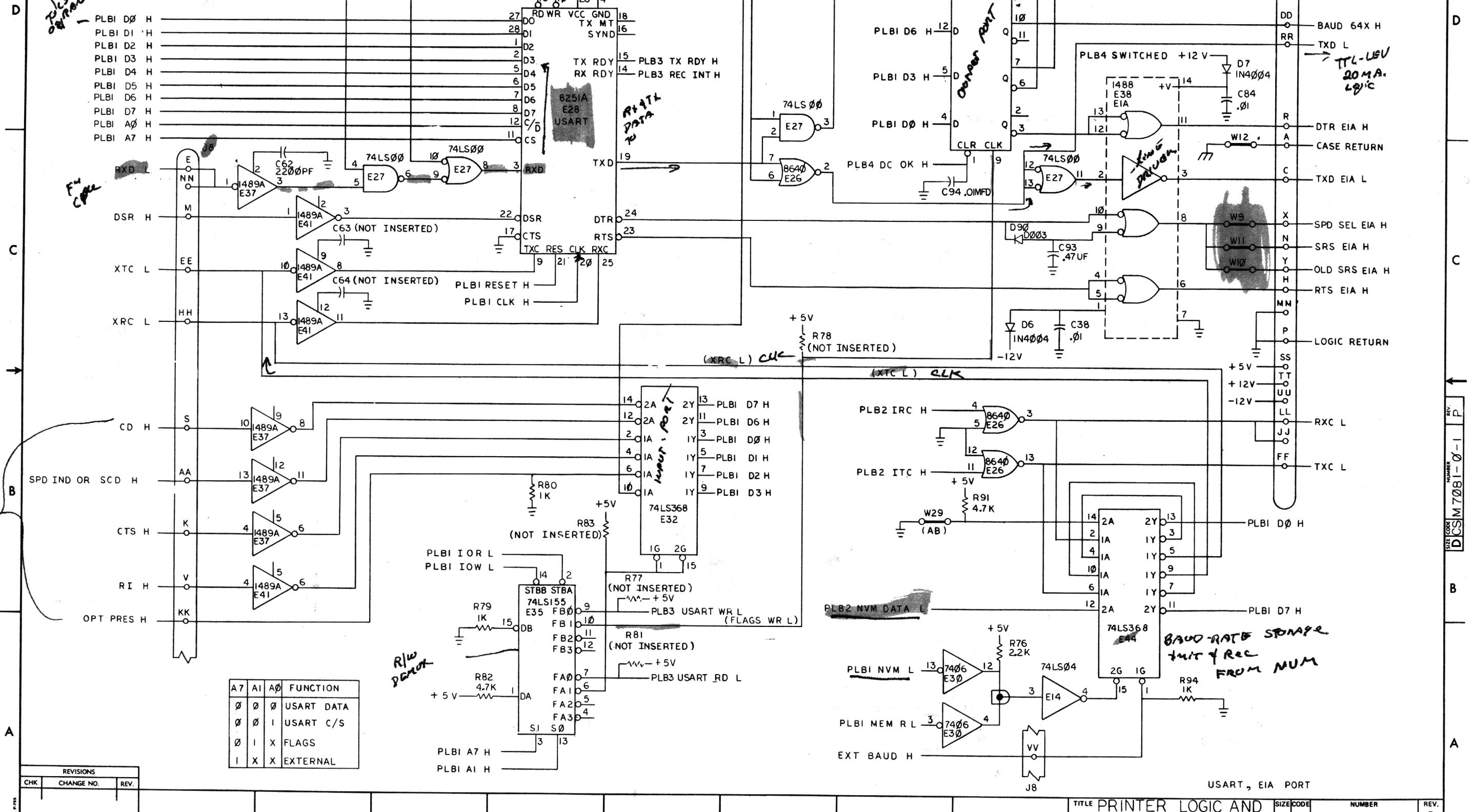
ROM, RAM, KBD PORT, NVM, PRINTER LSI.

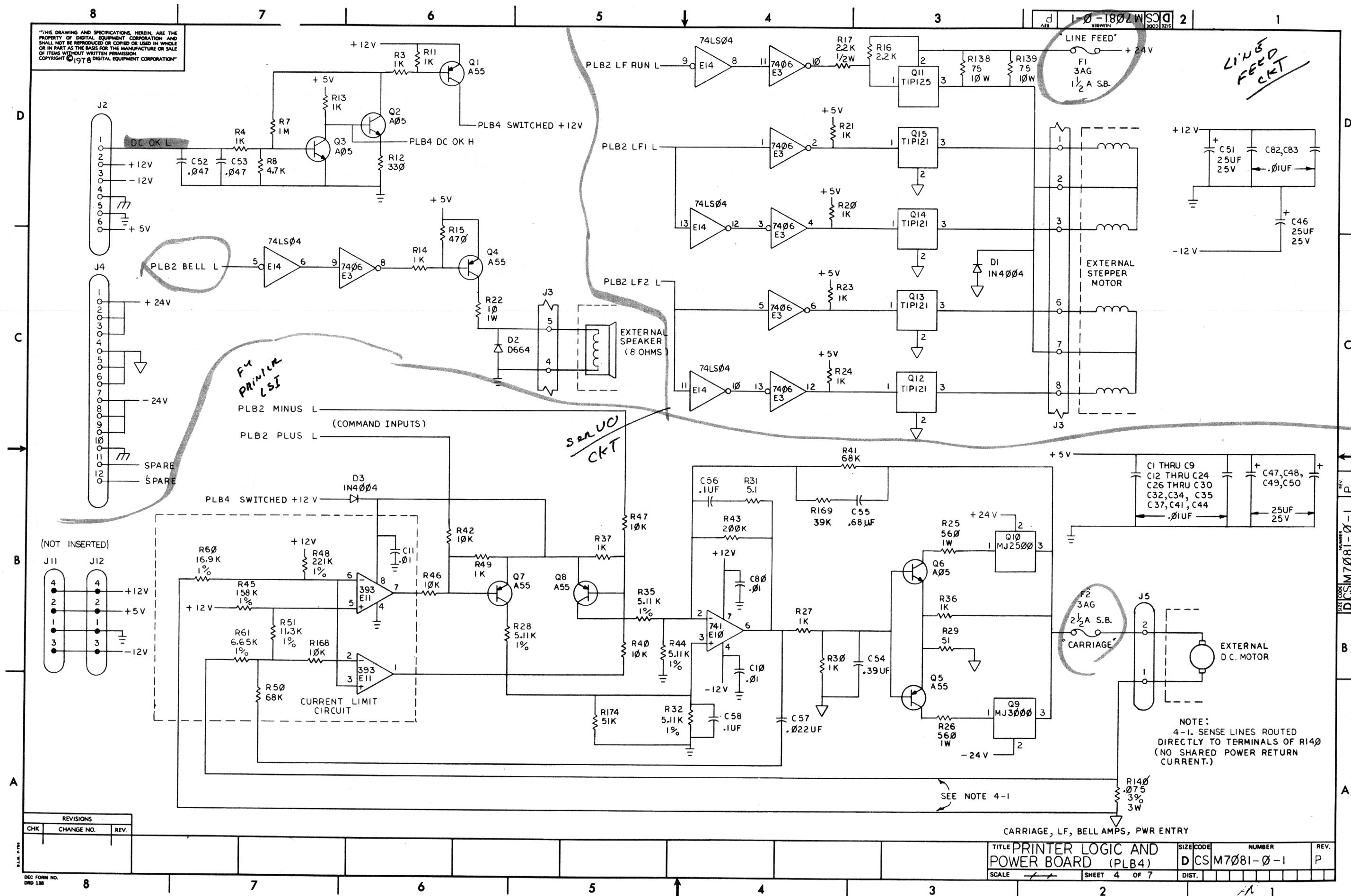
TITLE		SIZE	CODE	NUMBER	REV.
PRINTER LOGIC AND POWER BOARD	D	CS	M7081-Ø-1		P
PLB2					

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(LINE H)

(LINE L)





REVISIONS		
CHK	CHANGE NO.	REV.
S.M. P-7081		

DEC FORM NO.  
DD FORM 128

8

7

6

5

4

3

2

1

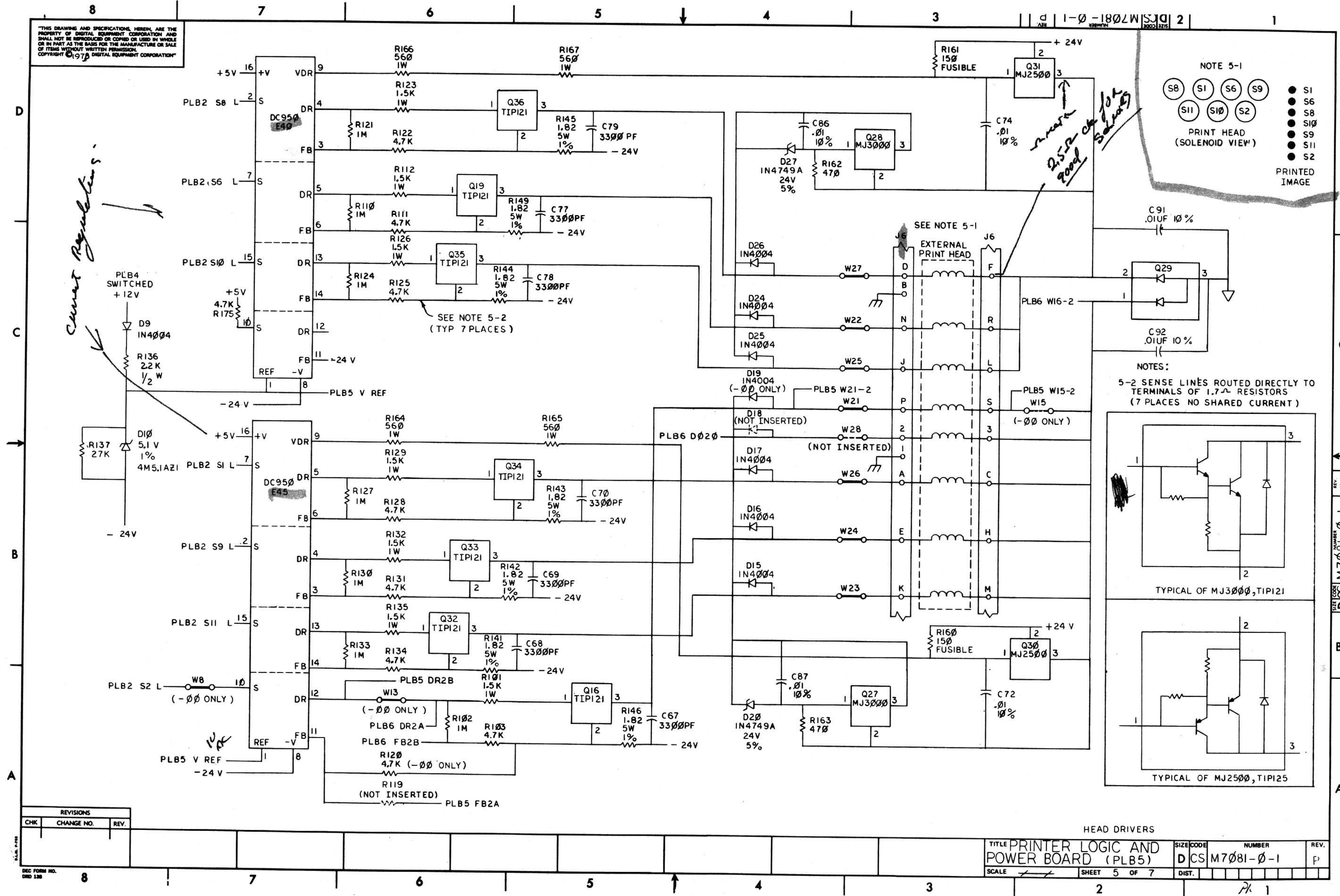
CARRIAGE, LF, BELL AMPS, PWR ENTRY

TITLE: PRINTER LOGIC AND  
POWER BOARD (PLB4)

SIZE CODE D CS M7081-0-1 NUMBER P

SCALE / SHEET 4 OF 7 DIST.

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REVISIONS		
CHK	CHANGE NO.	REV.

DEC FORM NO. D90-138

8

HEAD DRIVERS

TITLE: PRINTER LOGIC AND  
POWER BOARD (PLB5)

SIZE: D

CODE: CS

NUMBER: M7081-Ø-1

REV. P

SCALE: 1

SHEET 5 OF 7

DIST. 1

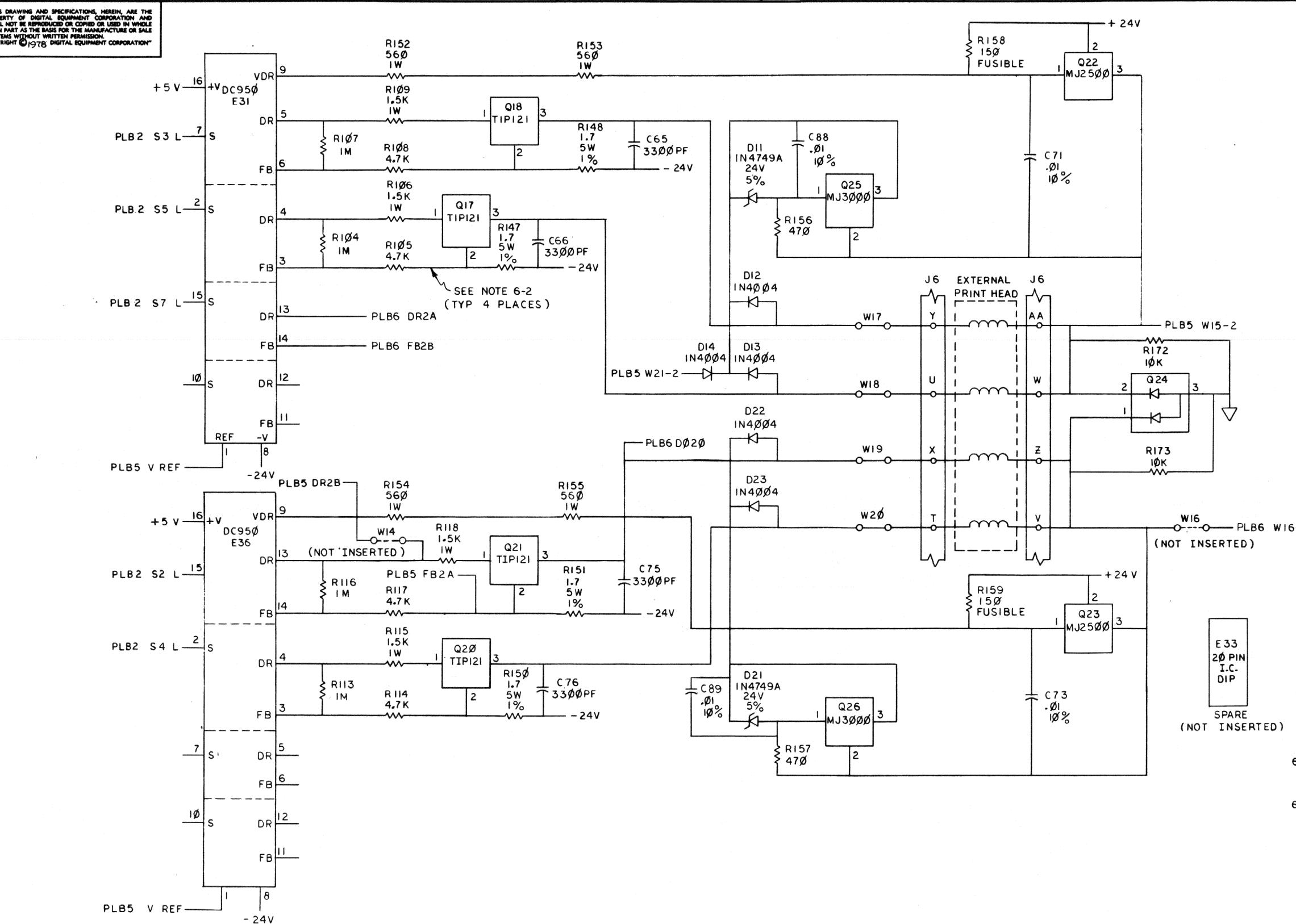
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D

C

B

A



IC POWER PINS NOT OTHERWISE SPECIFIED IN SCHEMATIC.	
+5V = PIN 14,	= PIN 7
E3, E14-E16, E19, E21, E27, E30, E37, E41	
+5V = PIN 16,	= PIN 8
E1, E2, E20, E29, E32, E34, E35, E44	
+5V = PIN 18,	= PIN 9
E7, E9, E13, E18	
+5V = PIN 20,	= PIN 10
E5, E33	
+5V = PIN 24,	= PIN 12
E4, E6, E8, E12, E17	
+5V = PIN 8,	= PIN 1
E26	
REFER TO SCHEMATIC FOR POWER PINS ON	
E10, E11, E22, E23-E25, E28, E31, E36,	
E38, E39, E40, E42, E43, E45	

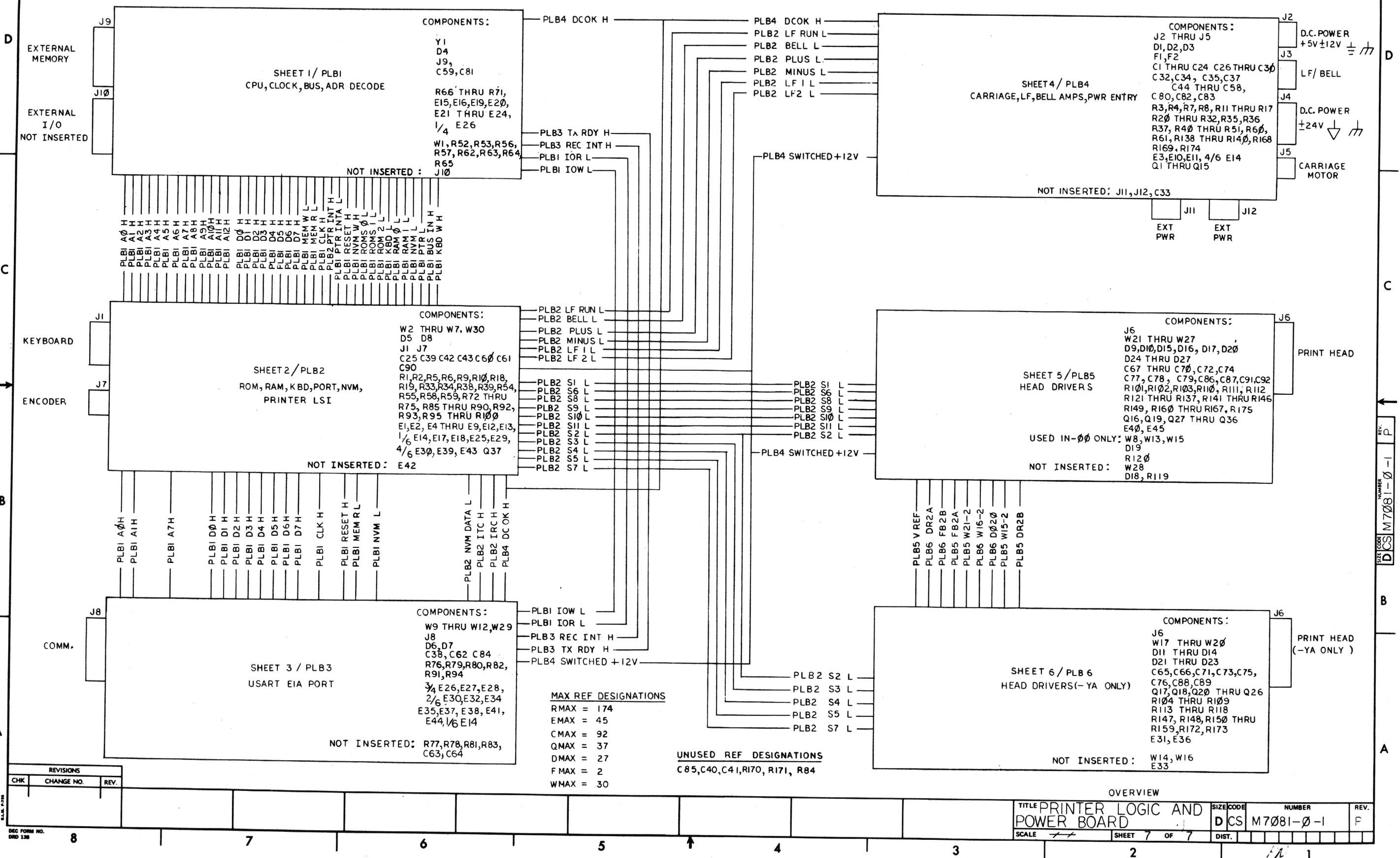
NOTES:  
6-1 COMPONENTS ON THIS SHEET  
ONLY INSERTED IN -YA  
VARIATION

6-2 SENSE LINES ROUTED DIRECTLY  
TO TERMINALS OF 1.7 RESISTORS  
(4 PLACES NO SHARED CURRENT)

## HEAD DRIVERS(-YA ONLY, SEE NOTE 6-1)

REVISIONS			TITLE			SIZE	CODE	NUMBER
CHK	CHANGE NO.	REV.	PRINTER LOGIC AND POWER BOARD (PLB6)			D		M7081-Ø-1
			SCALE	/	/	SHEET	6 OF 7	DIST.

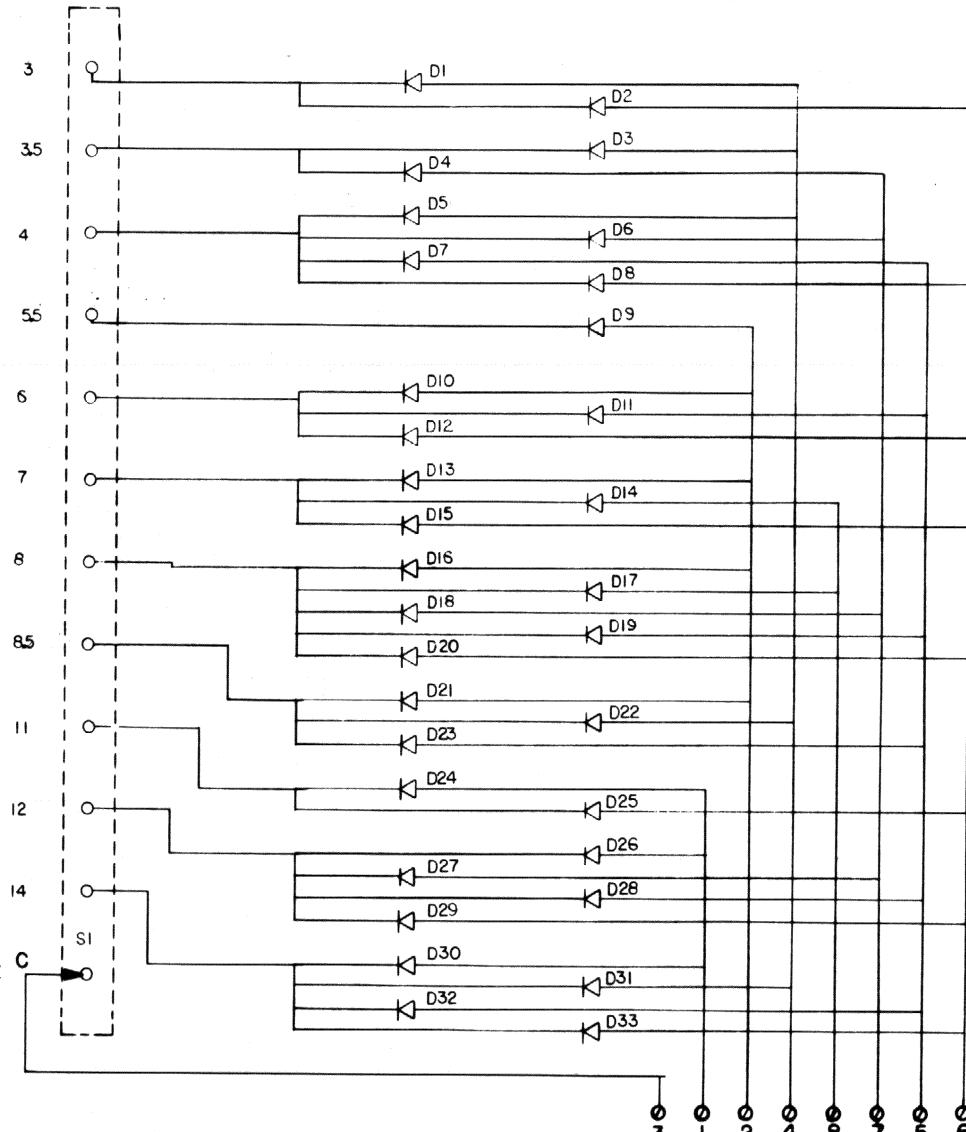
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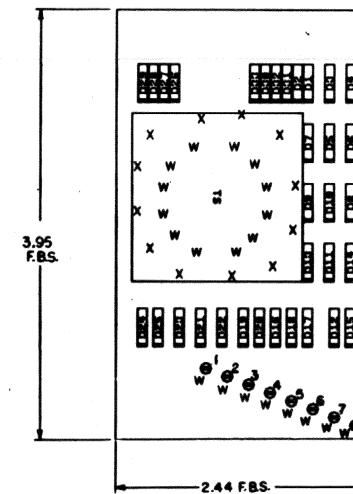
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## NOTES:

FORM SWITCH



IC TYPE	GND	+5V
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE		
IC PIN LOCATIONS		



QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.		
<b>FIRST USED ON OPTION MODEL</b>						
LA180						
<b>PARTS LIST</b>						
ETCH BOARD REV. A						
REV. F						
CHANGE NO. REVISIONS						
DRN. 11 Feb 75 DATE 4/2/75						
C/N/KD. 11 Feb 75 DATE 4/2/75						
P/N. 11 Feb 75 DATE 4/2/75						
PPD. 11 Feb 75 DATE 4/2/75						
NEXT HIGHER ASSY						
TITLE 6 LPI FORM CONTROL						
SIZE CODE D CS NUMBER 5411653-0-1 REV. *						
SCALE NONE						
SHEET 1 OF 1 DIST.						

## SEMICONDUCTOR CONVERSION CHART

8      7      6      5      4      3      2      1

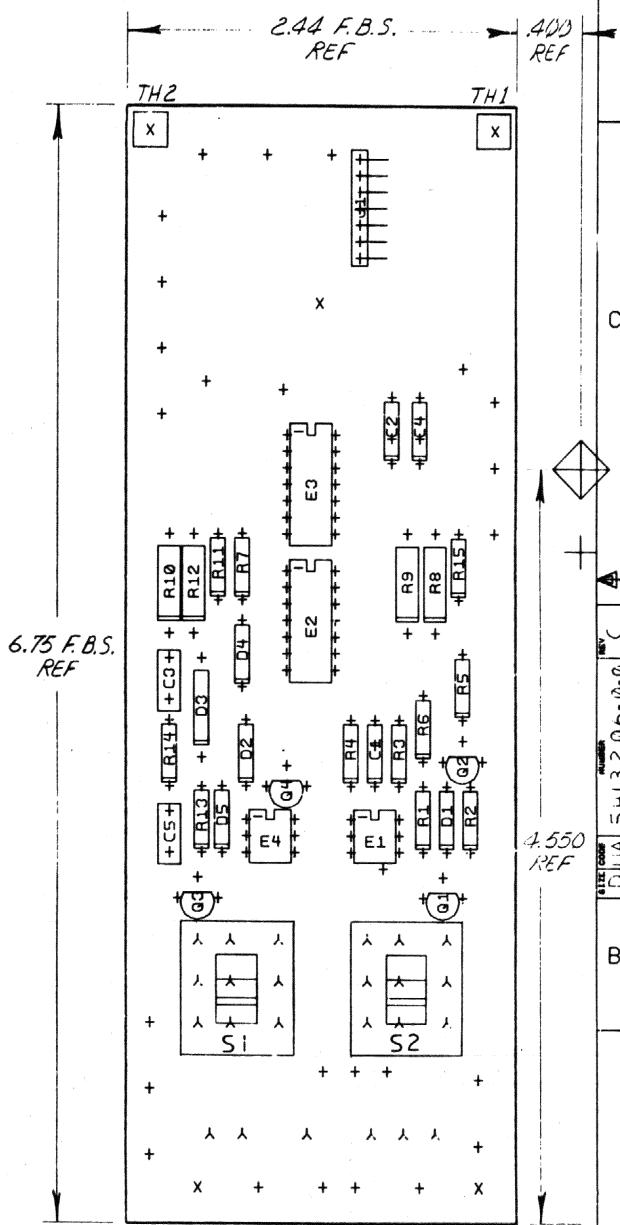
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CHG/CHANGE NO	REV
S413206-PN000	C
REVISED & REDRAWN	12-22-70
J. DEMARINIS	12-22-70
	12-22-70

STEP E ↑ Y AXIS     STEP D TIMES  
REPEAT → X AXIS 2.750 / 2.5 / 2.750



+



SIGNATURES	DATE	digital
DRN.V. PARECHANIAN	11-77	
CHK'D. M. MORTENSEN	11-77	
MECH.ENG. M. MORTENSEN	4-78	TITLE
PROJ.ENG. N. FORRESTER	5-78	20 MA ADAPTER
PROD. R. PUCCI	6-78	
SCALE 2	SIZE CODE	NUMBER
SHT. 1 OF 1	D U A	5413206-0-0
NEXT HIGHER ASSY. B-00 - 5413206-0		

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1 WO#150-36

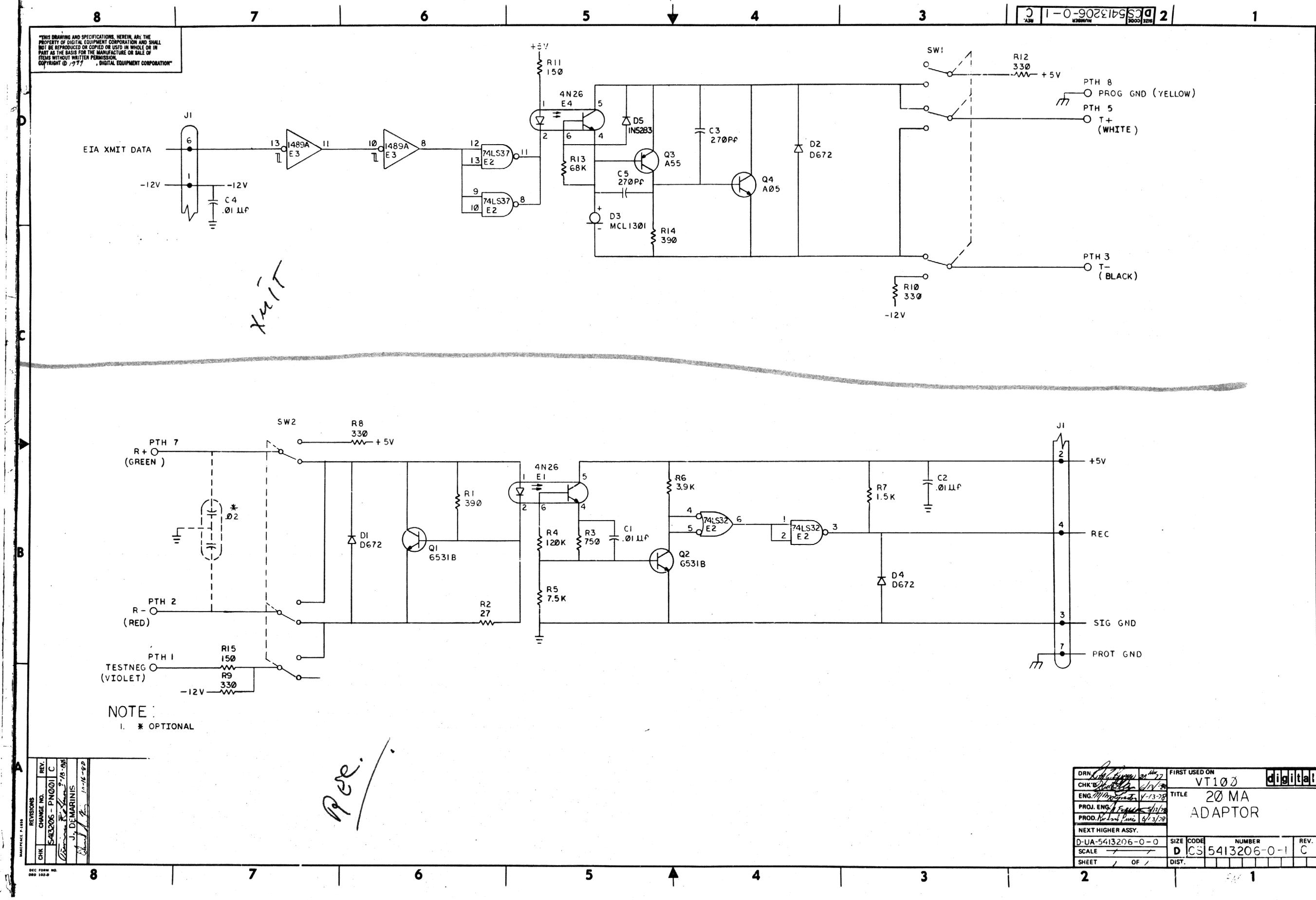
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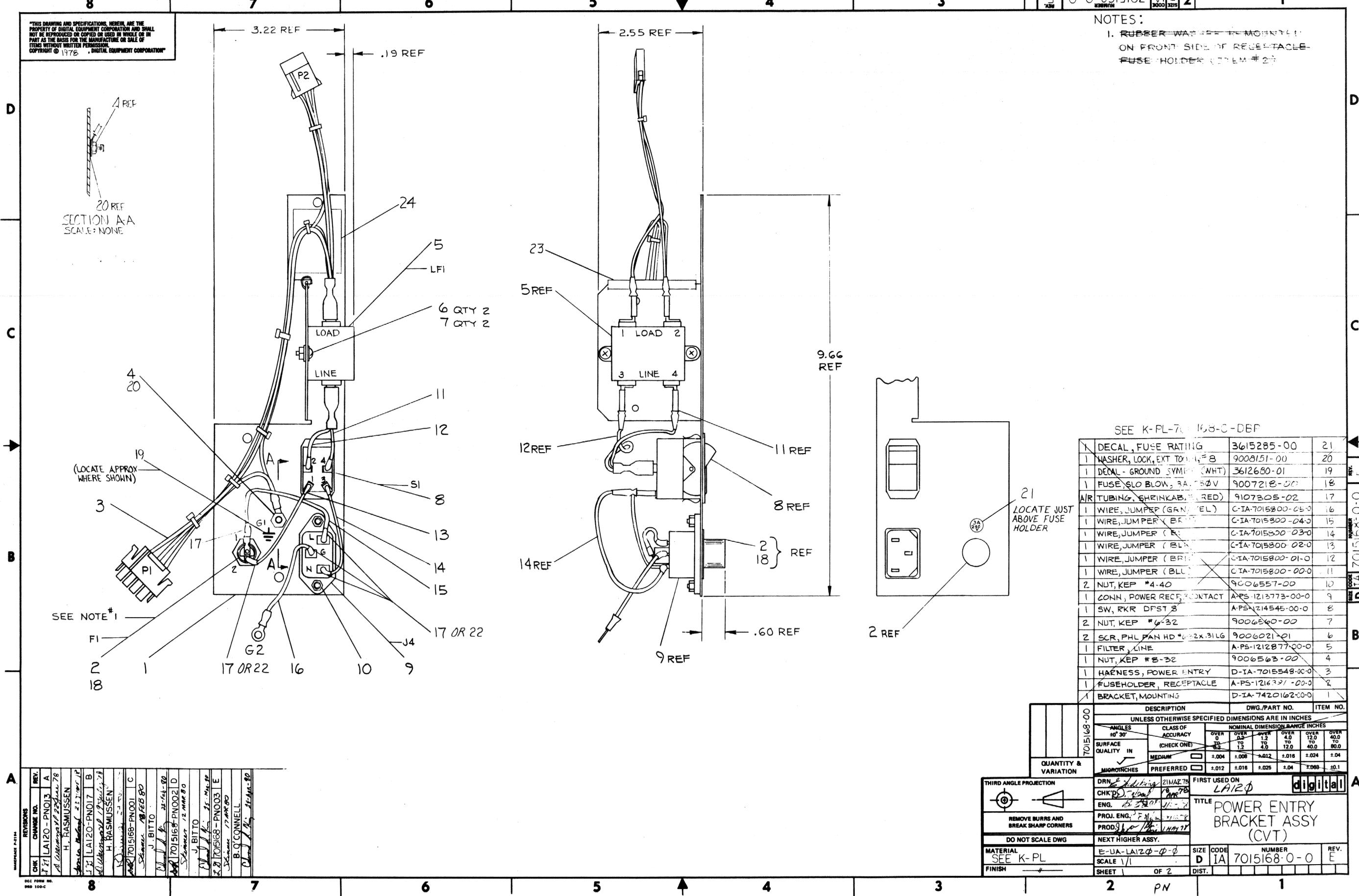
## PARTS LIST

SHEET A1 OF A1

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
1	1	D-1D-5013205-0-0	5013205-00	ETCH BOARD FOR 5413206	1
2	2		1000022-00	.270,0 MMF 100V 5200PPM MICA	2
3	3		1001610-00	.01 MFD 50V +80-20% 250 CER	3
4	4		1105275-00	D 672 TR= 15NS PIV= 60V SI	3
5	5		1105610-00	MCL1301 CL31MA FROM 10-80V	1
6	6		1215048-01	CUNN 7POS RT ANGLE	1
7	7		1215089-00	SW, SLIDE 3P 1A DBLE THROW	2
8	8		1301522-00	.27,0 .25 W 5.0 % CC	1
9	9		1300250-00	.150,0 .25 W 5.0 % CC	2
10	10		1300296-00	.330,0 .50 W 5.0 % CC	4
11	11		1300309-00	.390,0 .25 W 5.0 % CC	2
12	12		1300391-00	.1.50 K .25 W 5.0 % CC	1
13	13		1300444-00	.3.90 K .25 W 5.0 % CC	1
14	14		1300539-00	.120,0 K .25 W 5.0 % CC	1
15	15		1301327-00	.68,0 K .25 W 5.0 % CC	1
16	16		1301401-00	.750,0 .25 W 5.0 % CC	1
17	17		1301422-00	.7.50 K .25 W 5.0 % CC	1
18	18		1509338-00	DEC6531B NPN 310mA SI 40 90 P	2
19	19		1510705-00	XA 05 NPN 500mA SI 60 50 P	1
20	20		1510706-00	XA 55 PNP 500mA SI 60 50 P	1
21	21		1916959-00	POTOTRANSISTOR	2
22	22		1912817-00	LS37 NAND GATE-QUAD 2IN,P	1
23	23		1913130-00	DEC 1489A RECEIVER,LINE,QUAD,	1
24	24		1113003-00	IN 5282 PIV=55 I=500M DO35	1

REVISION HISTORY		BASIC PART NO: 5413206		DRAWN BY: T. SHETRAWSKI DATE: 30-MAR-78		DRAFTING						
ENG:	ECO NUMBER	REV:	SECTION A OF A	CHK ID:	T. SHETRAWSKI	DATE: 30-MAR-78	TITLE		PARTS LIST			
1	INIT	B	SECTION, VARIATION INDEX	CHK ID:	T. SHETRAWSKI	DATE: 30-MAR-78	20 MA ADAPTER					
1.8	5413206-PN001	C	[A] 00									
			[B]									
			[C]									
			[D]									
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			[K]									
			[L]									
			[M]									
			[N]									
<p>"THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION, COPYRIGHT (C) 1980, DIGITAL EQUIPMENT CORPORATION "</p>						DOCUMENT NUMBER:	SIZE/CODE:	NUMBER:	! REV:			
						K	PL:	5413206-0-DBP	C			
						TOP DOCUMENT NUMBER:	FILE NAME:	EDIT #:				
						IV100	13206C.PLS	6				





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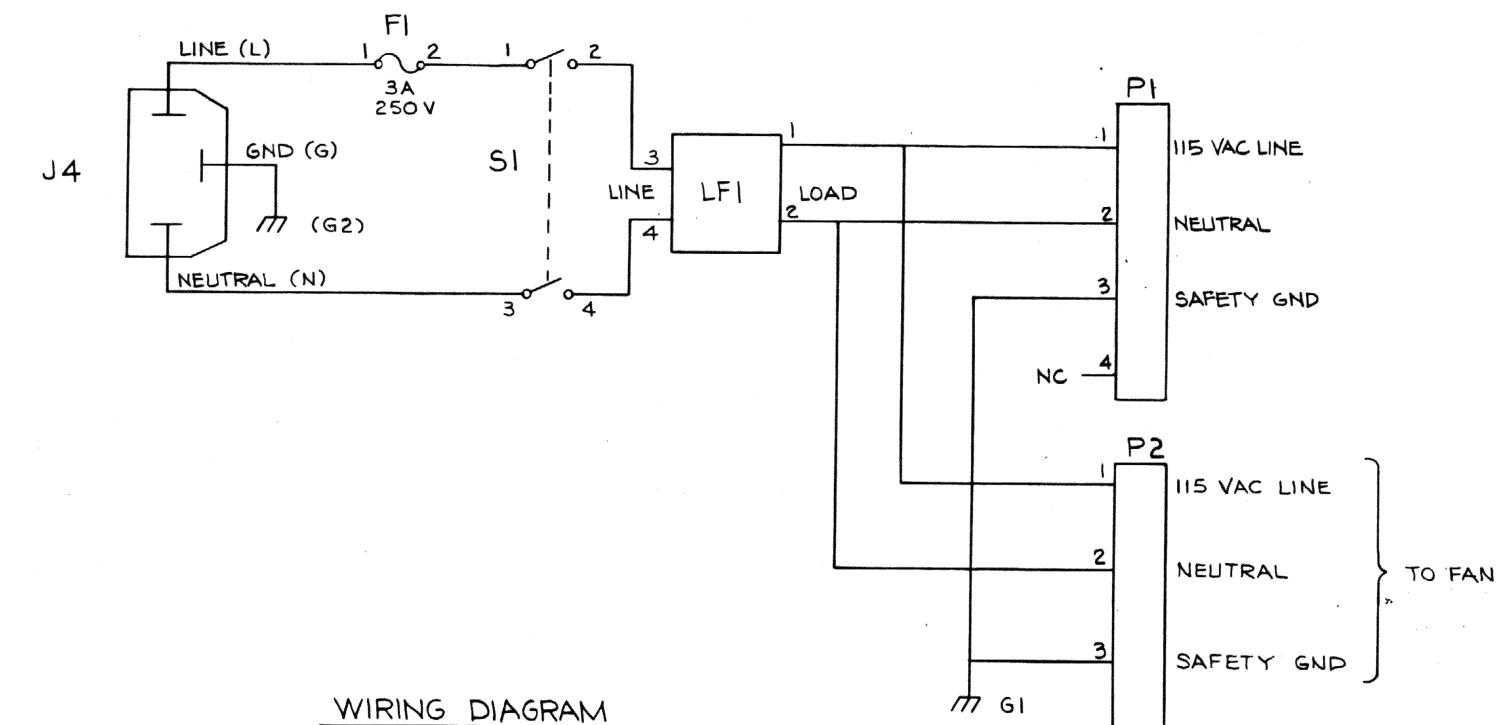
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DIA 7015168-0-0 REV E

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## WIRE TABLE

ITEM NO.	DESCRIPTION	FROM			TO			REMARKS
		AWG	COLOR	POINT	CONN.	WITH	POINT	
3	18 GRN/YEL	1	BLU	8	-	-	ITEM 1-G1	ITEM 1-G1
	BRN	9	-	-	-	-	LFI-2	-
11	BLU	-	LFI-4	-	-	-	S1-4	-
12	BRN	-	LFI-3	-	-	-	S1-2	-
13	BLK	-	S1-1	-	-	-	F1-2	SOL & 17
14	BLU	-	S1-3	-	-	-	J4-N	SOL & 17
15	18 BRN	-	J4-L	SOL & 17	-	-	F1-1	SOL & 17
16	14 GRN/YEL	-	J4-G	SOL & 17	-	-	-	-



REVISIONS		
CHK	CHANGE NO.	REV.

DEC FORM NO. 000-127

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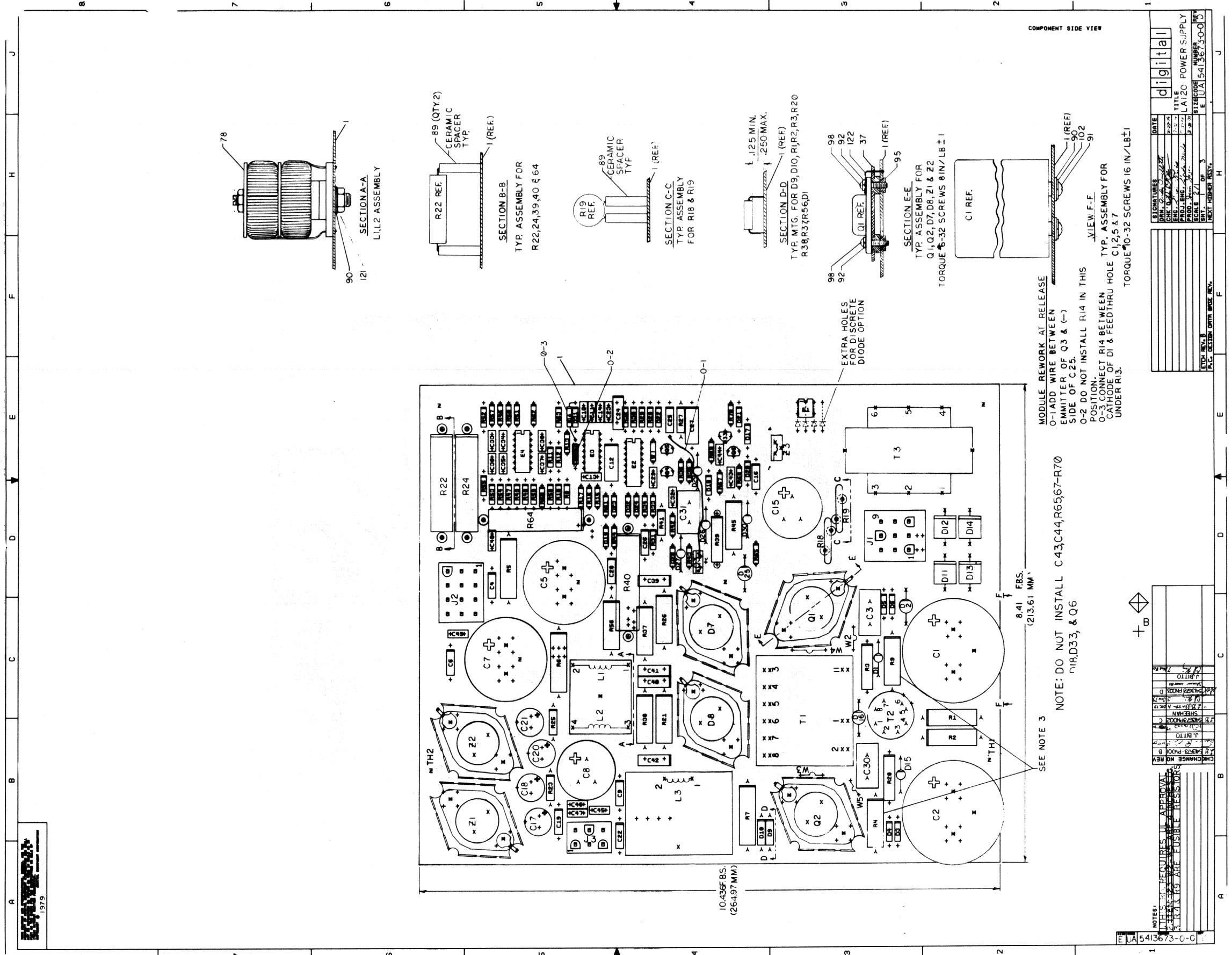
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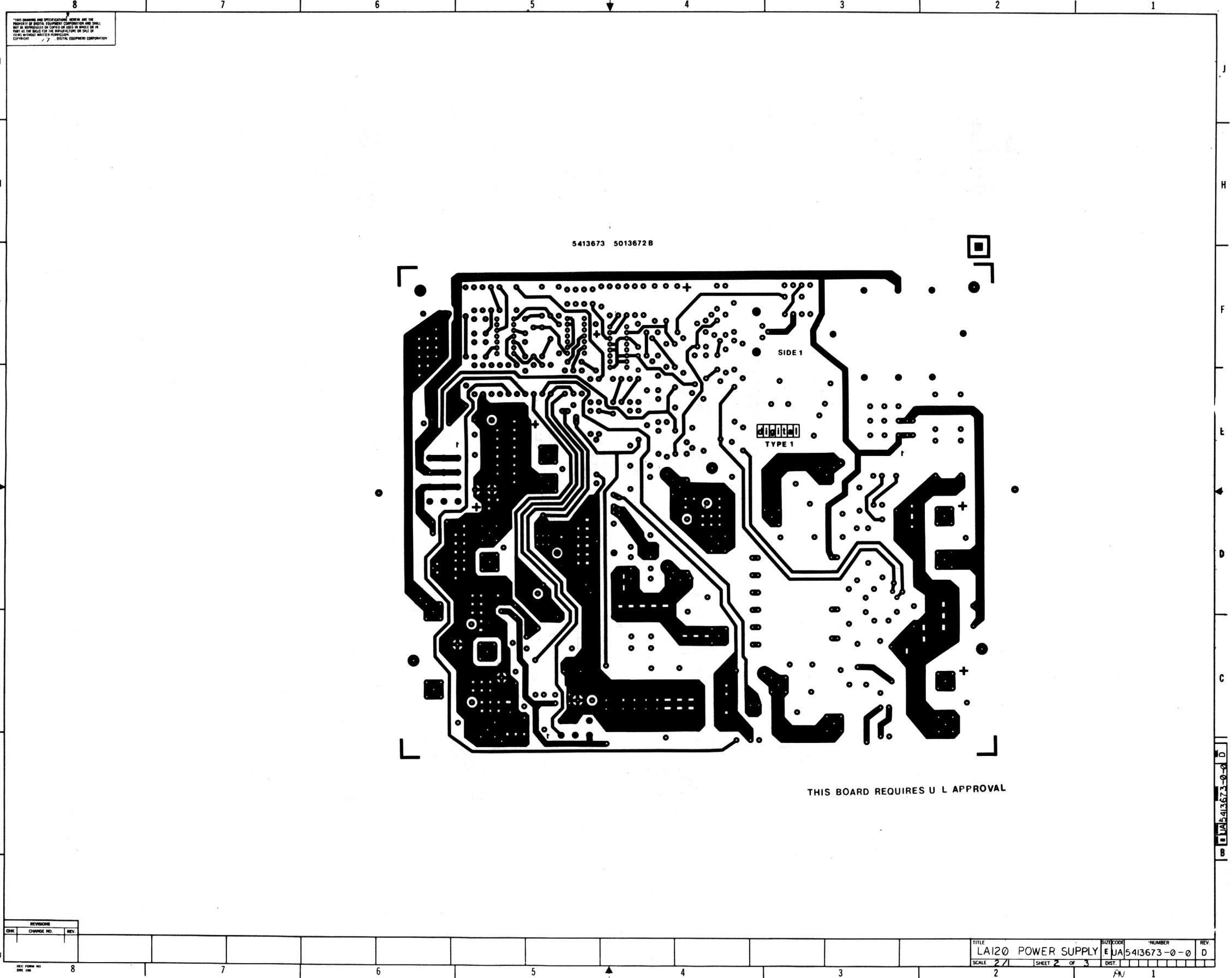
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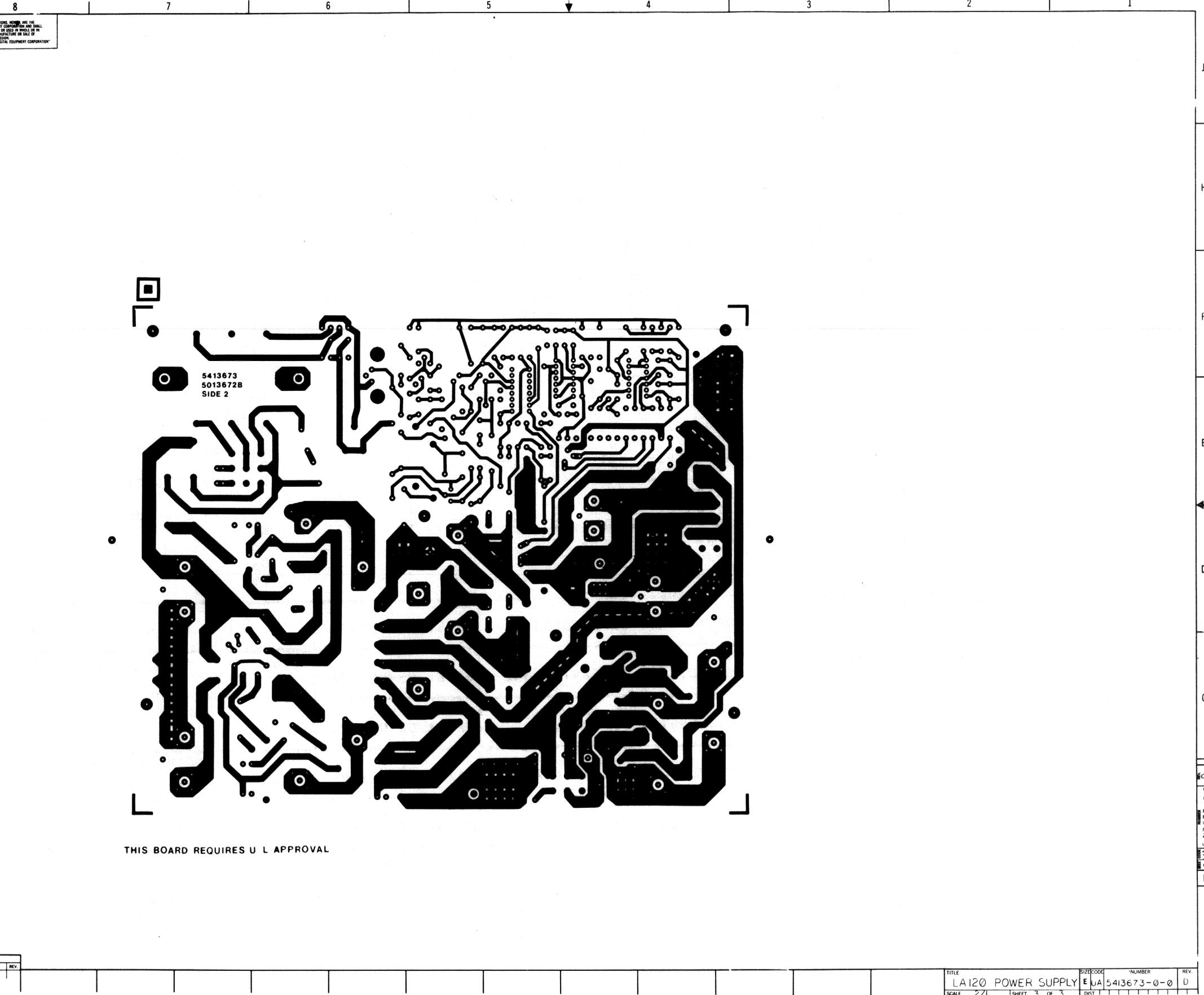
TITLE POWER ENTRY  
BRACKET ASSY (CVT) SIZE CODE DIA NUMBER 7015168-0-0 REV. E  
SCALE NONE SHEET 2 OF 2 DIST. 1  
2 PN

SIZE CODE DIA 7015168-0-0 REV. E





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THIS BOARD REQUIRES U L APPROVAL

REVISIONS		
CHG	CHANGE NO.	REV.

TITLE: LA120 POWER SUPPLY E UA 5413673-0-0 D  
SCALE: 2/1 SHEET 2 OF 2 DATE: 11-11-73  
REV. B

## PARTS LIST

SHEET A1 OF A3

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
1	1	E-MD-5013672-0-0	5013672-00		
2	2		1016117-00	1	C1,C2
3	3		1014139-00	2	C3,C30
4	4		1013466-11	2	C4,C6,C9-C16,C19,C22,C25
5	5		1016233-00	7	C5,C7
6	6		1014260-03	2	C8
7	7		1001610-01	1	C10,C11,C13,C14,C45-C49
8	8		1005507-00	9	C12,C27
9	9		1014260-02	2	C15
10	10		2100 MFD 40V	1	C17,C20
11	11		180 MFD 40V H% AL EL	2	C18,C21
12	12		560 MFD 20V H% 672D AL EL	2	C32,C39-C42
13	13		2200.0 MMF 250V 20% Y5S DISC	5	C31
14	14		.01 MFD 400V 10% POLYPROP	1	C24
15	15		2700.0 MMF 100V 1% 70PPM	1	C23,C29
16	16		100.0 MMF 100V 5%200PPM DM15S	2	C26
17	17		.33 MFD 20V 10% 150D S.TA	1	C28
18	18		15 MFD 20V 10% S.TANT	1	D1,D15
19	20		A114M PIV=600 I= 1A	2	D3-D6,D17,D21,D31,D20
20	21		IN 4004 PIV=400 I= 1A D041 SP	8	D7,D8
21	22		TR=200NS COM. CATHODE	2	D9,D10
22	23		UES1301 PIV= 50 I= 6A	2	D11,D12,D13,D14
23	24		PIV=600 I=6A SI	4	D22
24	25		4M5-1AZ1 VZ= 5.1 1% .400W	1	D23,D24,D28,D19,D32
25	26		D 664 QS\75PCB PIV= 25V SP	5	D25
26	27		A115B PIV=200 I= 3A	1	D26,D27,D29,D30
27	28		A114B PIV=200 I= 1A	4	E1
28	29		VM 18 PIV=100 I=1A	1	Q4
29	30		1510706-00 XA 55 PNP 500MW SI 60 50 P	1	Q3
30	31		1514271-01 D 44QS NPN 31W SI225 30	1	Q5
			1510705-00 XA 05 NPN 500MW SI 60 50 P	1	

REVISION HISTORY		BASIC PART NO: 5413673		DRN:	JERRY BEST	DATE: 05-OCT-78	D	I	G	I	T	A	L	
ENG#	ECU NUMBER	I REV	SECTION A OF A	CHK:D:	T. SHETRANSKI	DATE: 05-OCT-78	TITLE		PARTS LIST					
DS	5413673-PN002	[B]	SECTION, VARIATION INDEX	[A] 00			LA120 POWER SUPPLY							
JB	5413673-PN003	[C]		[B]										
		[D]		[C]	DES,ENG:	DAN SHEEHAN	DATE: 05-OCT-78							
		[E]		[D]										
		[F]		[E]	RESP,ENG:	DAN SHEEHAN	DATE: 05-OCT-78	DOCUMENT NUMBER						
		[G]		[F]										
		[H]		[G]	SIZE:	CODE:	NUMBER							
		[I]		[H]										
		[J]		[I]	MFG,ENG:	JIM JOYCE	DATE: 09-APR-79	K	PL	5413673-0-DBP	REV			D
		[K]		[J]										
		[L]		[K]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #				
		[M]		[L]	D-UA-5413673-0-0			13673D.PDS					44	
		[N]		[M]										
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## PARTS LIST

SHEET A2 OF A3

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
31	32	1512782-00	NPN 100W S1325 15	2	Q1,Q2
32	33	1212297-06	MATE-N-LOK 12PIN UNIV HEADER	1	J2
33	34	1212297-02	MATE-N-LOK 9PIN UNIV HEADER	1	J1
34	35	1212297-05	MATE-N-LOK 6PIN UNIV HEADER	1	J3
35	37	1213426-04	HEAT SINK TO-3 1" HIGH	6	
36	38	1215228-00	*** THIS ITEM IS NOT USED ***	-	
37	40	1300512-00	33.0 K 2.0 W10.0 % CC	2	R1,R2
38	41	1314350-00	1.0 2.0 W10.0 % WW	2	R4,R9
39	42	1310876-00	.02 5.0 W 3.0 % WW	2	R5,R6
40	43	1310876-03	.05 5.0 W 3.0 % WW	1	R7
41	46	1312479-00	1.05 K 1/4W 1% RN55D-F 100PPM	1	R11
42	47	1303114-00	1.0 K 1/4W 1% RN55D-F 100PPM	7	R12,R47,R48,R53,R58,R59,R54
43	48	1302465-00	18.0 K .25 W 5.0 % CC	1	R13
44	49	1305114-00	3.48 K 1/4W 1% RN55D-F 100PPM	1	
45	50	1302398-00	470.0 K .25 W 5.0 % CC	1	R14
46	51	1300426-00	2.70 K .25 W 5.0 % CC	1	R15
47	52	1314270-02	2.50 15.0 % NIC THERM	2	R16,R19
48	53	1314520-00	9.10 10.0 W 5.0 % WW	2	R22,R24
49	54	1300400-00	1.80 K .50 W10.0 % CC	2	R23,R25
50	55	1314239-00	33 3W 5%	1	R56
51	56	1300219-00	68.0 .25 W 5.0 % CC	1	R43
52	57	1309595-00	1.0 M .25 W 5.0 % CC	1	R46
53	58	1314253-00	240.0 K .25 W 5.0 % CC	3	R50,R57,R62
54	59	1305336-00	200 K 1/4W 1% RN55D-F 100PPM	1	R60
55	64	1300316-00	470.0 .25 W 5.0 % CC	1	R35
56	65	1304854-00	5.11 K 1/4W 1% RN55D-F 100PPM	5	R28,R29,R30,R31,R8
57	66	1314187-00	6.19 K 1/4W 1% RN55D-F 100PPM	2	R32,R10
58	67	1301317-00	10.0 .25 W 5.0 % CC	2	R36,R42
59	68	1302091-00	330.0 K .25 W 5.0 % CC	1	R33
60	69	1302177-00	47.0 K .25 W 5.0 % CC	2	R34,R51
61	70	1300285-00	270.0 .50 W 5.0 % CC	1	R27
62	72	1305380-00	270.0 2.0 W 5.0 % CC	1	R45
63	73	1300249-00	150.0 .50 W 5.0 % CC	1	R41
64	74	9009185-00	JUMPER, WIRE, INSULATED, BLACK B	1	W1
65	75	1310597-00	100 10W 5% WW	1	R64
66	76	1300365-00	1.0 K .25 W 5.0 % CC	2	R17,R61
67	77	1303156-00	34.8 K 1/4W 1% RN55D-F 100PPM	1	R49
68	78	1616234-00	CHOKE, DUAL, .3UH=.1, 350UH, 0A=.7A	1	L1,L2
69	79	1614542-00	CHOKE, 400UH 4.2A	1	L3
70	80	1614539-01	XFMR P=AB S= 140	1	T1
71	81	1614272-00	PULSE XFMR, 4 WOUND	1	T2
72	82	1616237-00	XFMR P=AB S= 15@150MA 50HZ	1	T3
73	83	1914250-00	3524 MODULATOR=REGULATING	1	E2
74	84	1912108-00	339 VOLT CMPTR, QUAD	1	E4
75	85	1914392-00	556 TIMER=DUAL	1	E3
76	86	1912048-00	DEC 7812 VOLT REG, FIX +12V	1	Z1
77	87	1914517-00	7912 VOLT REG, FIX -12V	1	Z2
78	88	1912048-06	DEC 7812 VOLT REG, FIX +12V	1	Z3

D	I	G	I	T	A	L	TITLE	SECTION A OF A	ISIZE	CODE	DOCUMENT NUMBER	REV
!	!	!	!	!	!	!	LA120 POWER SUPPLY		K	PL	5413673-0-DBP	D

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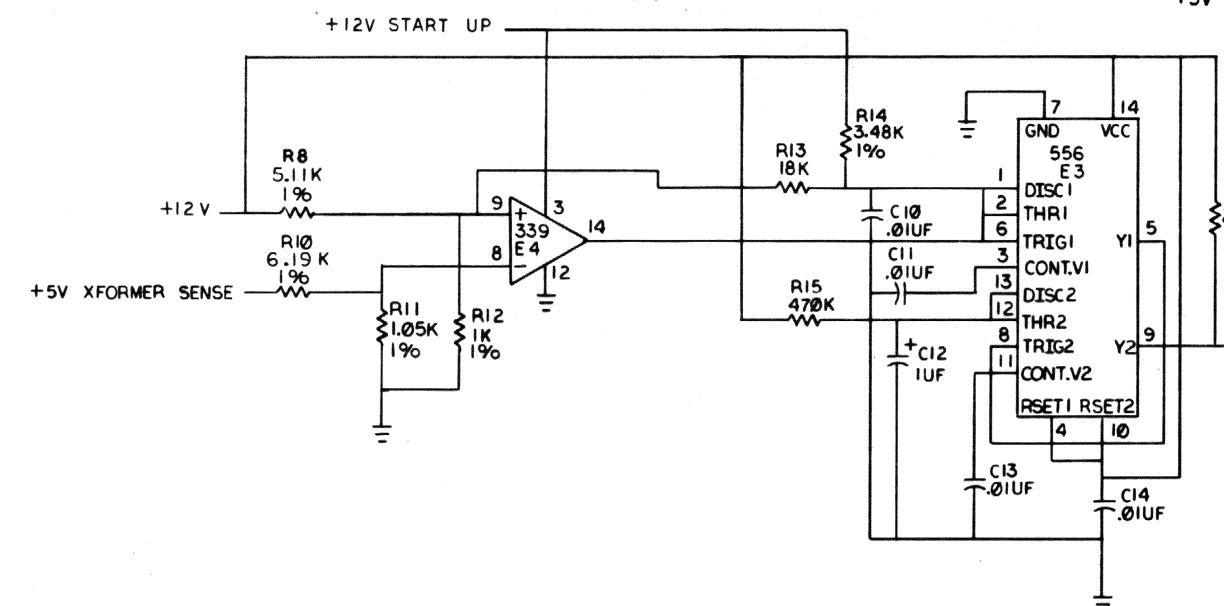
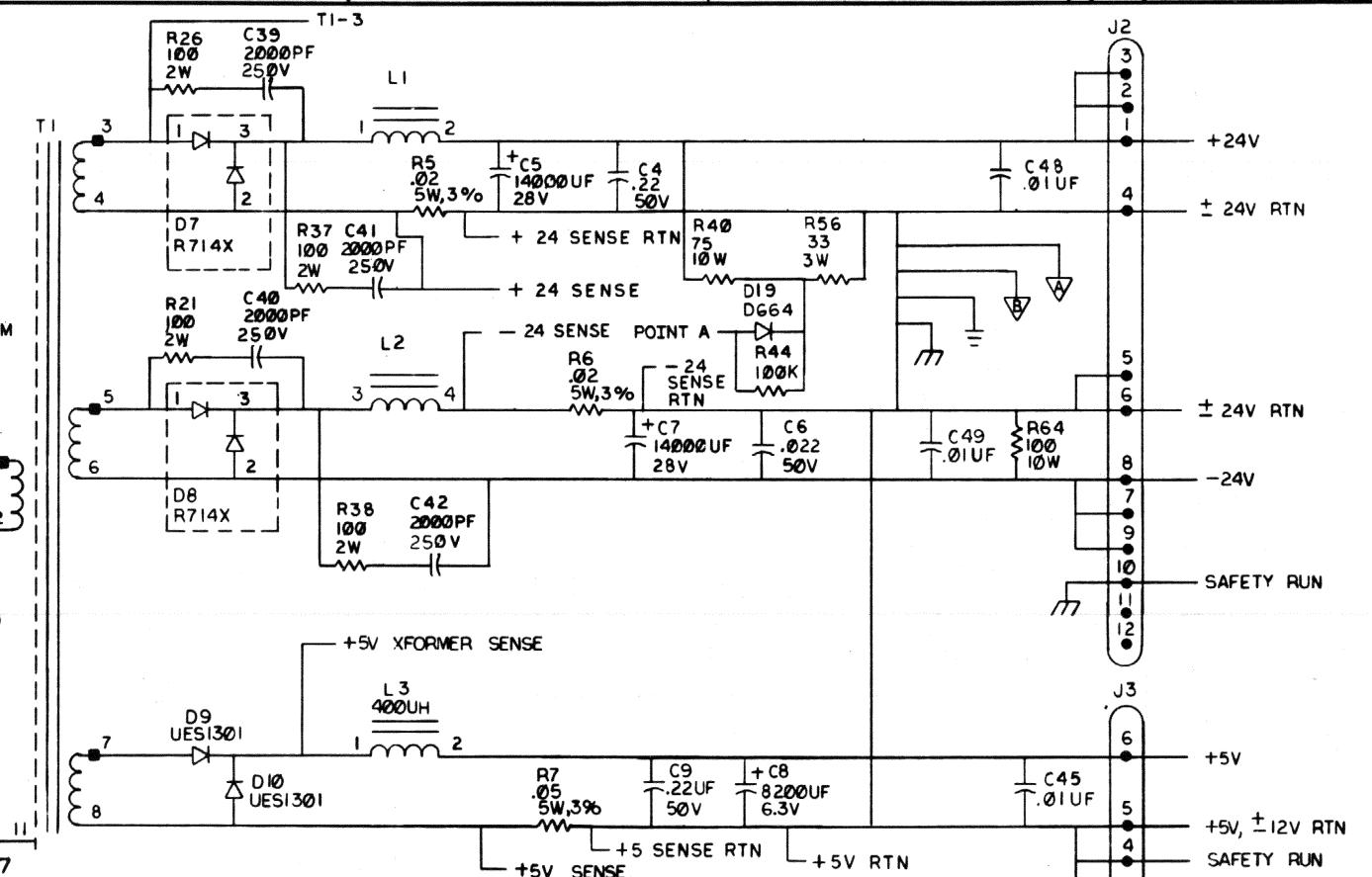
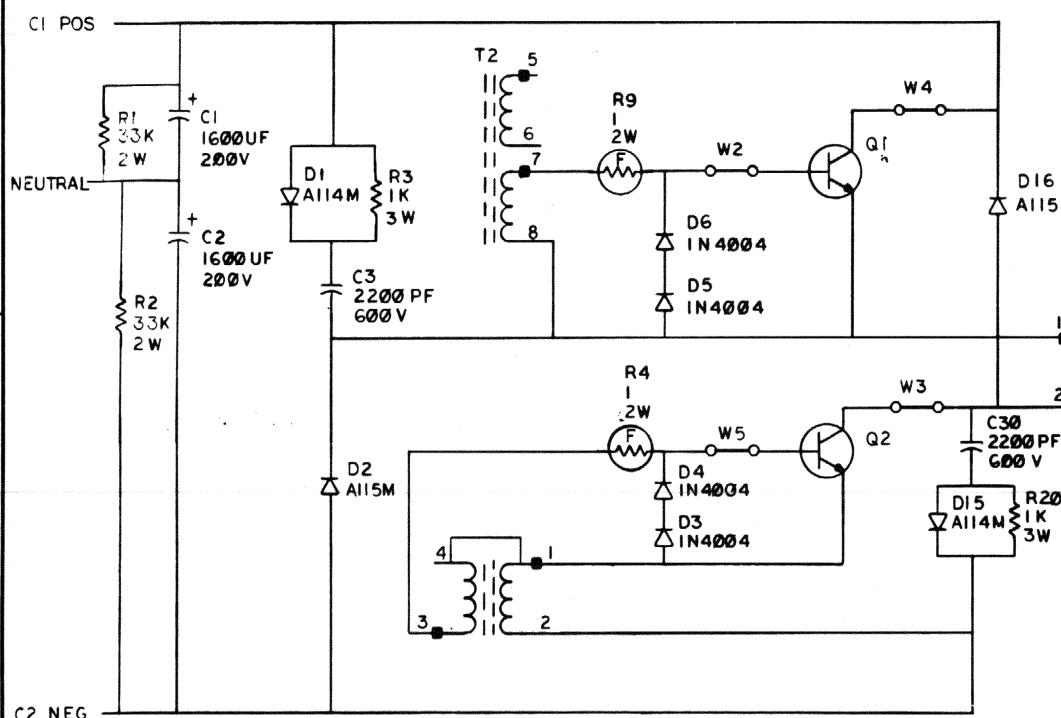
## PARTS LIST

SHEET A3 OF A3

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
79	89	9009798-00	SPACER, CERAMIC, .186 ODX,078 ID	14	
90	90	9009950-01	WASHER, FLAT, .438 O.D. X .203 I	9	
81	91	9000038-07	SCREW,PAN,PHIL, 10-32X 3/8 B	8	
82	92	9007801-00	WASHER, LOCK, S.S. #6	12	
83	93	9006010-01	*** THIS ITEM IS NOT USED ***	-	
84	94	9006557-00	*** THIS ITEM IS NOT USED ***	-	
85	95	1214789-00	INSERT,THREADED 6-32 ,BRASS,ELEC	12	
86	98	9007793-01	SCREW,PAN ,PHIL, 6-32X 9/16	12	
87	102	9007906-00	WASHER, LOCK S.S. #10	8	
88	103	1011740-05	1000.0 MMF 50V 10% CW15CCER	6	C33-C38
89	106	1112594-02	A115M PIV#600 I= 3A	2	D2,D16
90	107	1302380-00	100.0 2.0 W 5.0 % CC	4	R21,R26,R37,R38
91	108	1310606-00	75 10W 5% WW	1	R40
92	109	1312984-00	187 K 1/4W 1% RN55D=1873F	1	R55
93	110	1305323-00	511 K 1/4W 1% RN55D=F 100PPM	1	R63
94	111	1303043-00	464 K 1/4W 1% RN55D=F 100PPM	1	R52
95	113	1314675-00	1 K 3W 5% WW	2	R3,R20
96	120	1302466-00	100.0 K .25 W 5.0 % CC	1	R44
97	121	9006565-00	NUT,KEP , 10-32X 3/8 AF	1	
98	122	9009676-00	TERM LUG 1POS SOLDER	6	
99	123	9107780-00	WIRE,BUSS,22AWG,2" LENGTHS	4	W2-W5
100	124	1309094-00	100 5W 5% WW	1	R39

D	I	G	I	T	A	L	TITLE	SECTION A OF A	ISIZE	CODE	DOCUMENT NUMBER	REV
							LA120 POWER SUPPLY			K PL	5413673-0-DBP	D

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NOTE:  
I. UNLESS OTHERWISE SPECIFIED  
ALL RESISTORS ARE 1/4W, 5%.

REVISIONS		CHANGE NO.	REV.
CHK	5413673-0-01	C	C
DATE	11-15-78	DESIGNER	J. FITTO
SPONSOR	D. SHEEHAN	APPROVED	J. FITTO
REVIEWED	3-18-79	INITIALS	J. FITTO
RELEASER	3-18-79	7-MAR-79	

DRN/GRANAHAN	8/17/78	FIRST USED ON	H7150	digital
CHK'D	3-18-79	TITLE	LAI20 POWER SUPPLY	
ENG.	3-18-79	SIZE	DEC FORM NO.	
PROJ. ENG.	3-18-79	CODE	5413673-0	
PROD.	3-18-79	NUMBER	5413673-0-1	REV.
NEXT HIGHER ASSY.				
B-DO-5413673-0				
SCALE	-1/-1			
SHEET	1 OF 3	DIST.		

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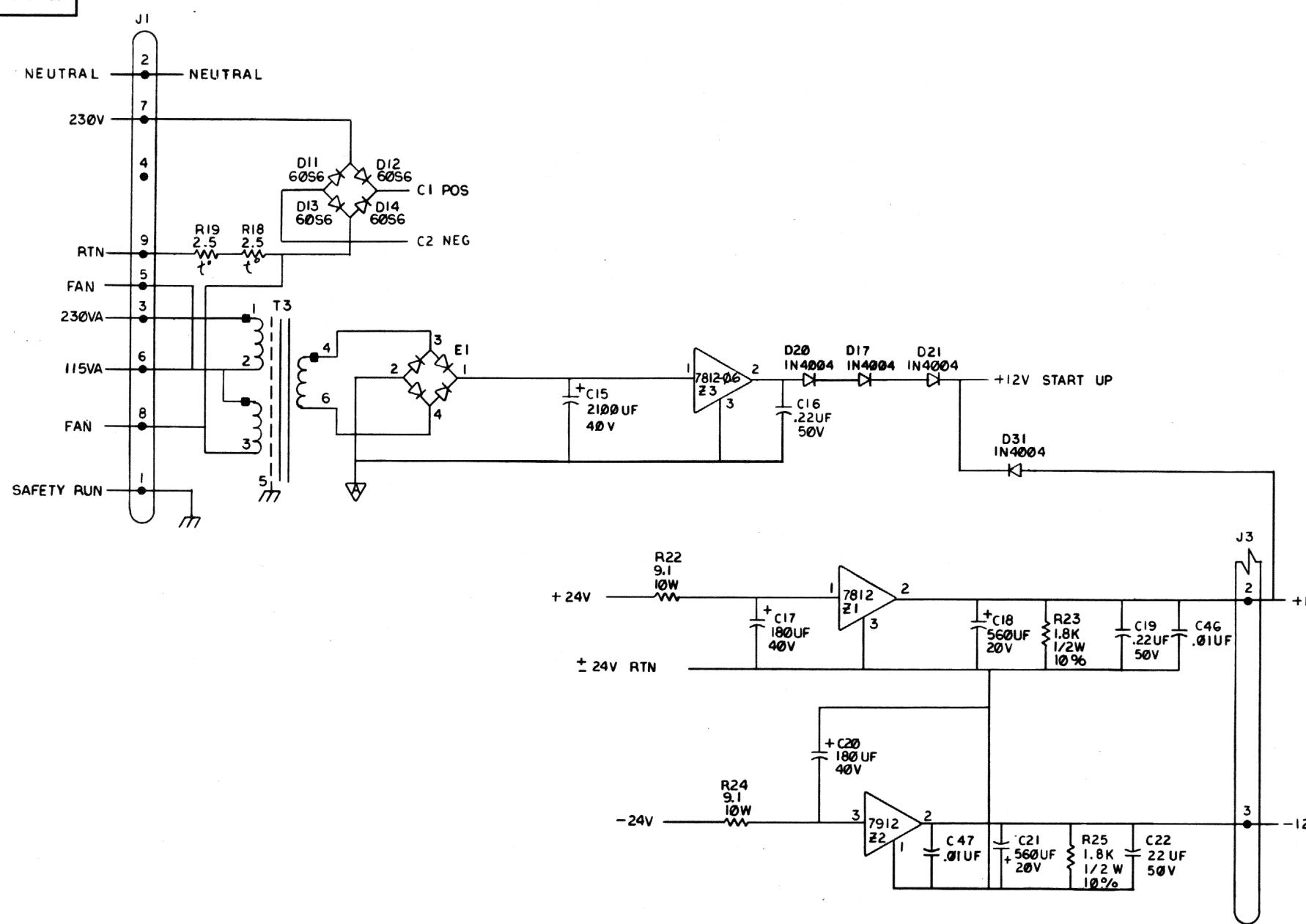
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2 DCS 5413673-0-1

SIZE CODE DCS 5413673-0-1

REV. C



REVISIONS		
CHK	CHANGE NO.	REV.

DEC FORM NO. 100-130

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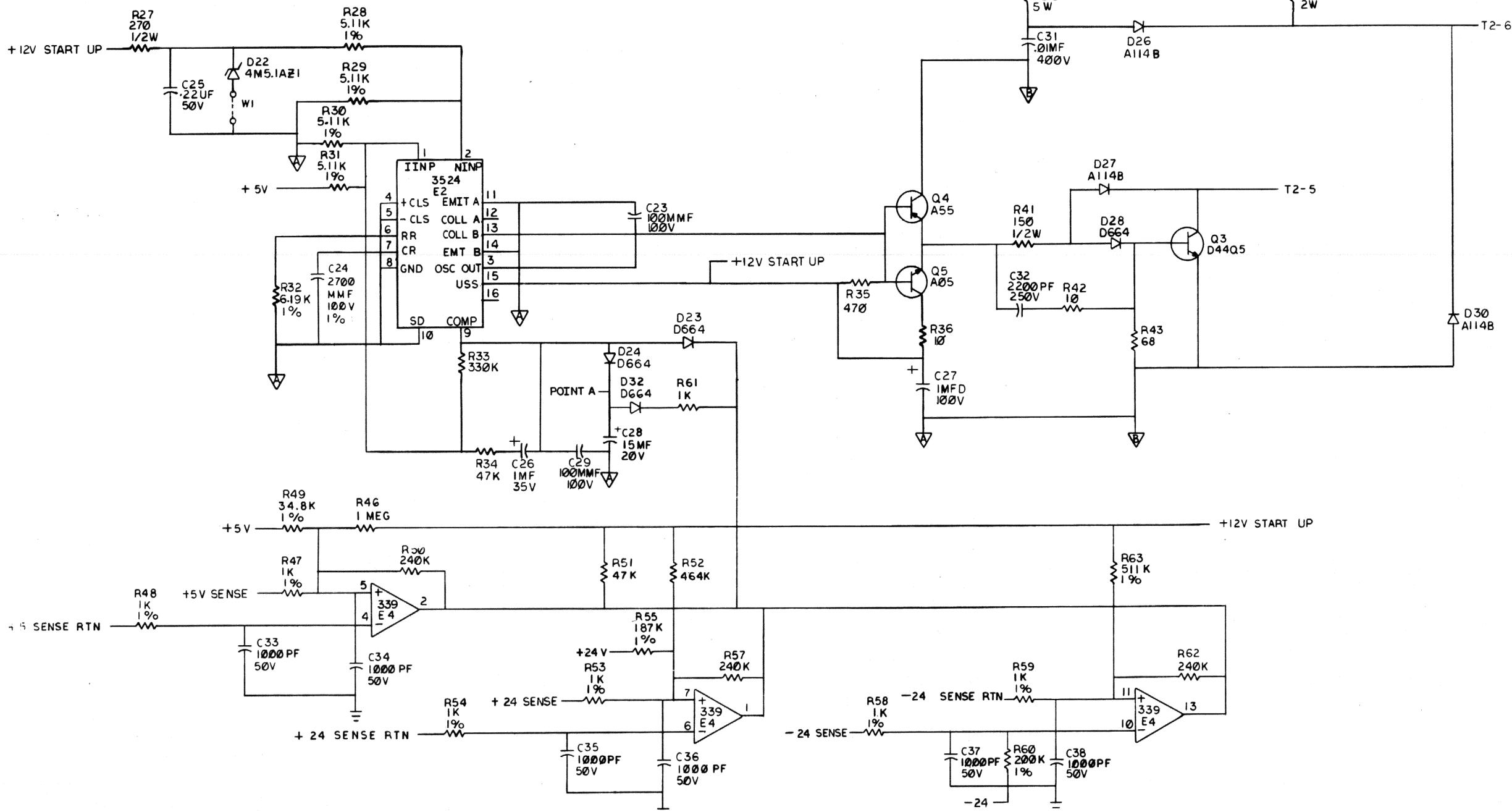
TITLE LA120 POWER  
SUPPLY

SCALE // SHEET 2 OF 3

SIZE CODE DCS 5413673-0-1  
NUMBER REV. C

DIST. / / / / / / / / / /

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REVISIONS		
CHK	CHANGE NO.	REV.

BLW P74  
DOD FORM NO. 1010-108  
8

TITLE LA120 POWER  
SUPPLY

SCALE //

SHEET 3 OF 3

SIZE CODE DCS 5413673-0-1  
NUMBER DCS 5413673-0-1  
REV. D

DIST.

1 A/V

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C

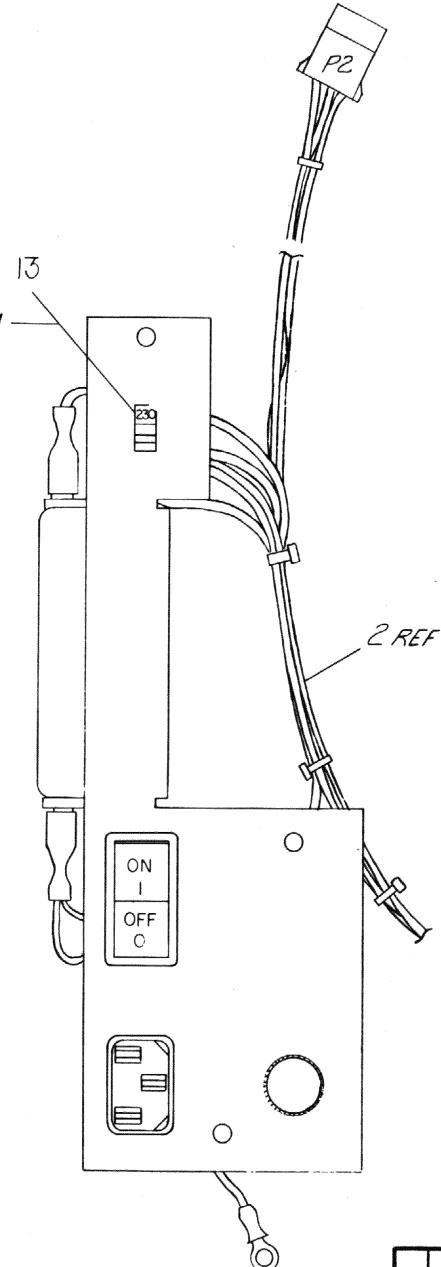
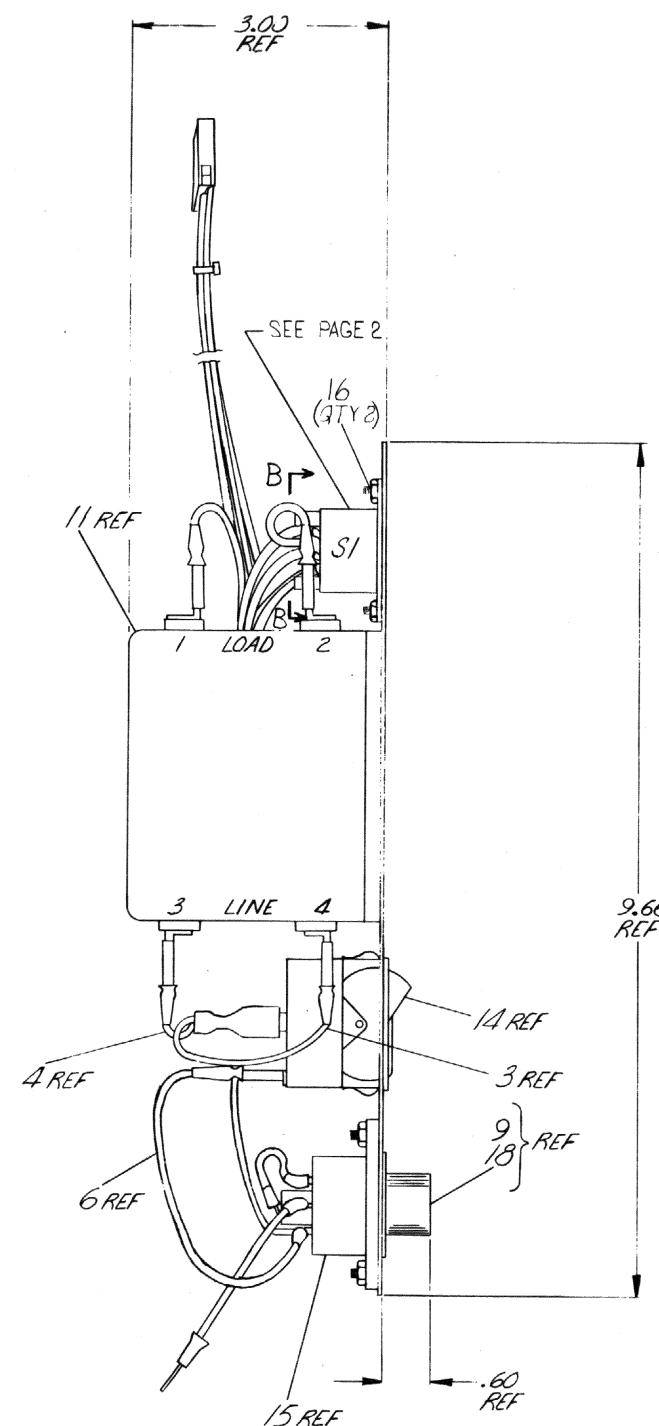
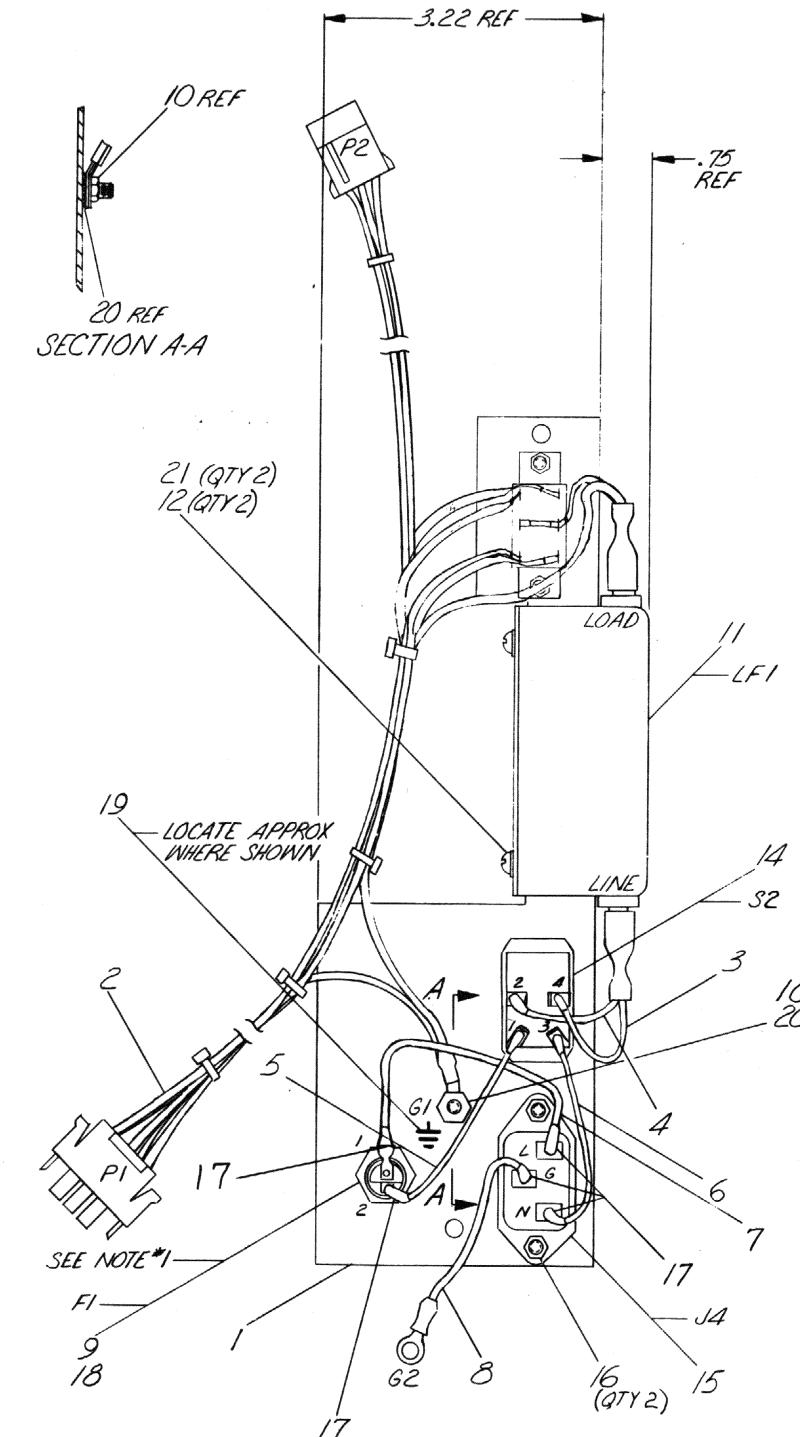
C

B

B

A

A



DESCRIPTION	DWG./PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
ANGLES 45° 30'	CLASS OF ACCURACY ±0.30"	NOMINAL DIMENSION RANGE INCHES
SURFACE QUALITY IN MEDIUM	OVER .02 TO .2	OVER .02 TO .12
MICROINCHES	.004 ±.008	.012 ±.016
✓ PREFERRED	.012 ±.016	.025 ±.04
		.063 ±.1
THIRD ANGLE PROJECTION	DRN. <i>John H. Williams</i> 10/10/78	FIRST USED ON <i>LA120</i> digital
REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D <i>John H. Williams</i> 10/10/78	TITLE
DO NOT SCALE DWG	ENG. <i>John H. Williams</i> 10/10/78	POWER ENTRY ASSY (SWITCHER)
MATERIAL SEE 6530B.PLS	PROJ. ENG. <i>John H. Williams</i> 10/10/78	SIZE D CODE IA NUMBER 7016530-0-0 REV. B
FINISH	PROD. <i>John H. Williams</i> 10/10/78	SHEET 1 / OF 2 DIST.

NOTES:

1. OPTIONAL SWITCH HAS 220V LABELING.

REVISIONS		REV.
CHK	CHANGE NO.	
8/27/78	7016530 - PN001	A
Steinman	9-16-80	
B. O'CONNELL		
Shane K. O'Malley	-80	
2/27/80	7016530 - PN0.02	B
J. BITTO	1/20/80	
Robert J. Z.	1/20/80	

DEC FORM NO.  
DRAFT 100-C

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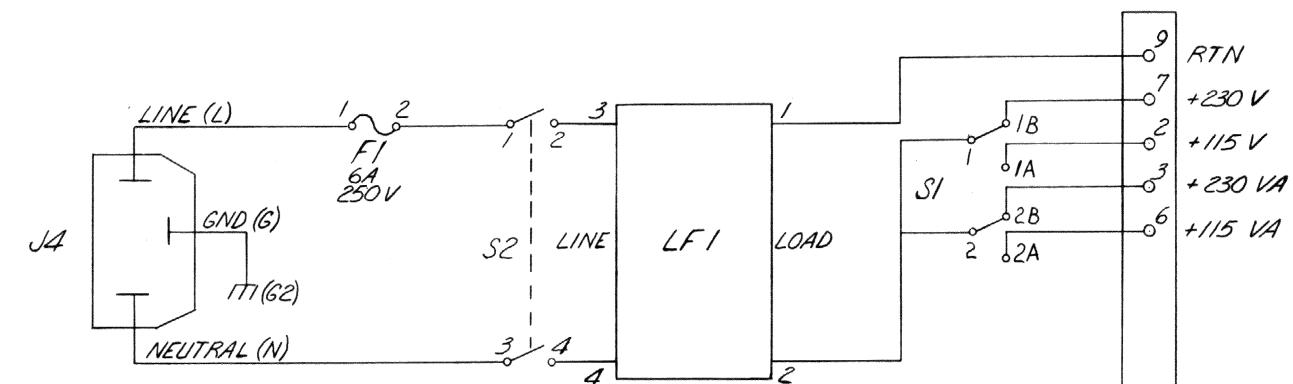
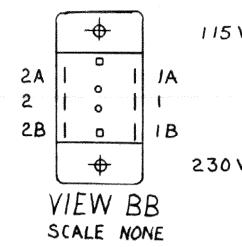
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PN 1

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WIRE TABLE								
ITEM NO.	DESCRIPTION		FROM		TO		REMARKS	
	AWG	COLOR	POINT	CONN	WITH	POINT	CONN	
3	18	BLU	—	LFI-4	—	—	S2-4	—
4	18	BRN	—	LFI-3	—	—	S2-2	—
5	18	BLK	—	S2-1	—	—	FI-2	SOLF'77
6	18	BLU	—	S2-3	—	—	J4-N	SOLF'77
7	18	BRN	—	J4-L	SOLF'77	—	FI-1	SOLF'77
8	14	GRN/YEL	—	J4-G	SOLF'77	—	—	—
2	14	GRN/YEL	1	—	—	—	G1	ITEM #10
	14	GRN/YEL	2	—	—	—	G1	—
	18	BLU	—	S1-1	—	—	LFI-2	—
	18	BRN	—	P1-9	—	—	LFI-1	—
	18	BLK	—	P1-7	—	11	S1-1B	—
	18	BLK	—	P1-3	—	12	S1-2B	—
	18	BRN	—	P1-2	—	13	S1-1A	—
	18	BRN	—	P1-6	—	14	S1-2A	—
	18	BLU	—	S1-2	—	15	S1-1	—



WIRING DIAGRAM

REVISIONS		
CHK	CHANGE NO.	REV.

TITLE POWER ENTRY ASSY (SWITCHER)

SIZE CODE DIA 7016530-0-0

NUMBER DIA 7016530-0-0

REV. B

SCALE ← → SHEET 2 OF 2 DIST.      PN 1

AUTOMATED BY PRILST, 3G(16)

P A R T S      L I S

SHEET A1 OF A1

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	REFERENCE DESIGNATOR
-----------	-----------------	-------------	-------------	-----	----------------------

1	1	D-ND-5014000-0-0	5014000-00	DRILL & ETCH BD	1	
2	2		1001610-00	.01 MFD 50V -20+80 Z5U AXIAL	3	C1-
3	3		1300365-00	1 K 1/4W 5%	CC	R1
4	4		1300479-00	10 K 1/4W 5%	CC	R2,
5	5		1300309-00	390 1/4W 5%	CC	R4,
6	6		1912648-00	LS251 MUX 8 INPUT, TRI-STA	1	E1
7	7		1209837-00	SOCKET 16PIN IC ADAPTER PLUG	1	X1
8	8		9009217-00	POST, WIRE WRAP	4	

REVISION HISTORY		(BASIC PART NO: 5414001)		DRN:	E. WILSON	DATE: 18-DEC-78	D	I	G	I	T	A	L
ENG	ECO NUMBER	REV	SECTION A OF A										
INITIAL	A		SECTION, VARIATION INDEX	CHK'D:	R. W. CAUNTER	DATE: 18-DEC-78							
		[A]	00										
		[B]											
		[C]											
		[D]		DES, ENG:	D. LEBLANC	DATE: 18-DEC-78							
		[E]											
		[F]		RESP, ENG.:	D. LEBLANC	DATE: 18-DEC-78							
		[G]											
		[H]											
		[I]											
		[K]		MFG, ENG.:	ED BLAIR	DATE: 28-FEB-79	K	P	L	5414001-0-DBP		A	
		[L]											
		[M]		ASSEMBLY NUMBER:									
		[N]		ID-UA-5414001-0-0									
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COPRIGHT (C) 1979, DIGITAL EQUIPMENT CORPORATION												14001.PRT	3

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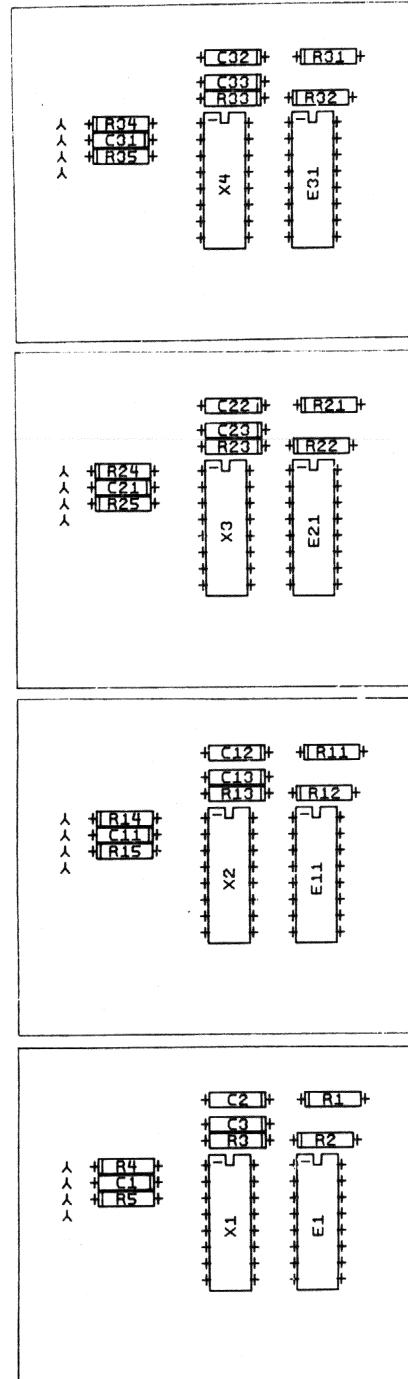
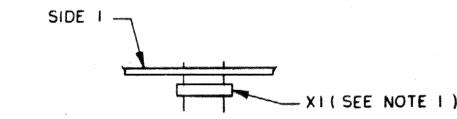
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## COMPONENT SIDE VIEW



+ B



NOTES: 1. COMPONENT XI IS INSTALLED ON SIDE  
2 AND IS ONLY INSERTED AS DEEP AS  
NECESSARY TO MAKE A GOOD SOLDER  
CONNECTION ON SIDE I.

CHK/CHANGE NO REV

SIGNATURES		DATE
DRN.	Q.L. Engt	6-07-78
CHK'D.	R.W. Collier	6-07-78
ENG.	Q.L. Engt	6-07-78
PROJ. ENG.	W. LeClair	1-DEC-78
PROD.	E.P. Collier Q.L.	28-Nov-78
ETCH REV. A		
P.C. DESIGN DATA BASE REV. AL		

digital

TITLE LA120  
KEYBOARD TERM.

SIZE CODE NUMBER REV  
D UA 5414001-0-0 A

NEXT HIGHER ASSY. B-DO-5414001-0

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MR 1 MS#

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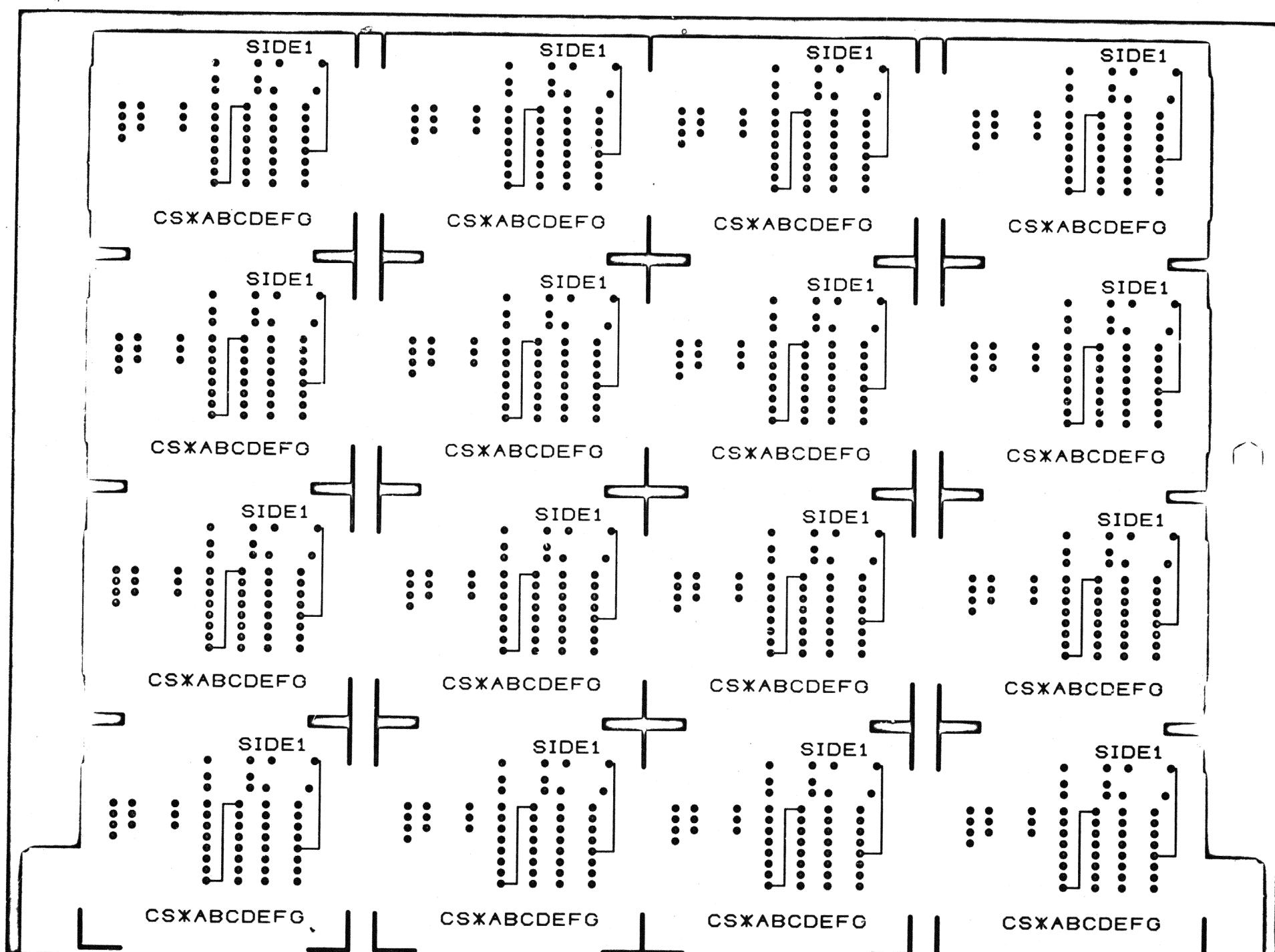
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2 DUA 5414001-0-0 A

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REVISIONS		
CHK	CHANGE NO.	REV.

8

7

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DUA 5414001-0-0 A

TITLE LA120 KEYBOARD TERM. SIZE CODE DUA 5414001-0-0 REV. A  
SCALE 2/1 SHEET 2 OF 3 DATE

8

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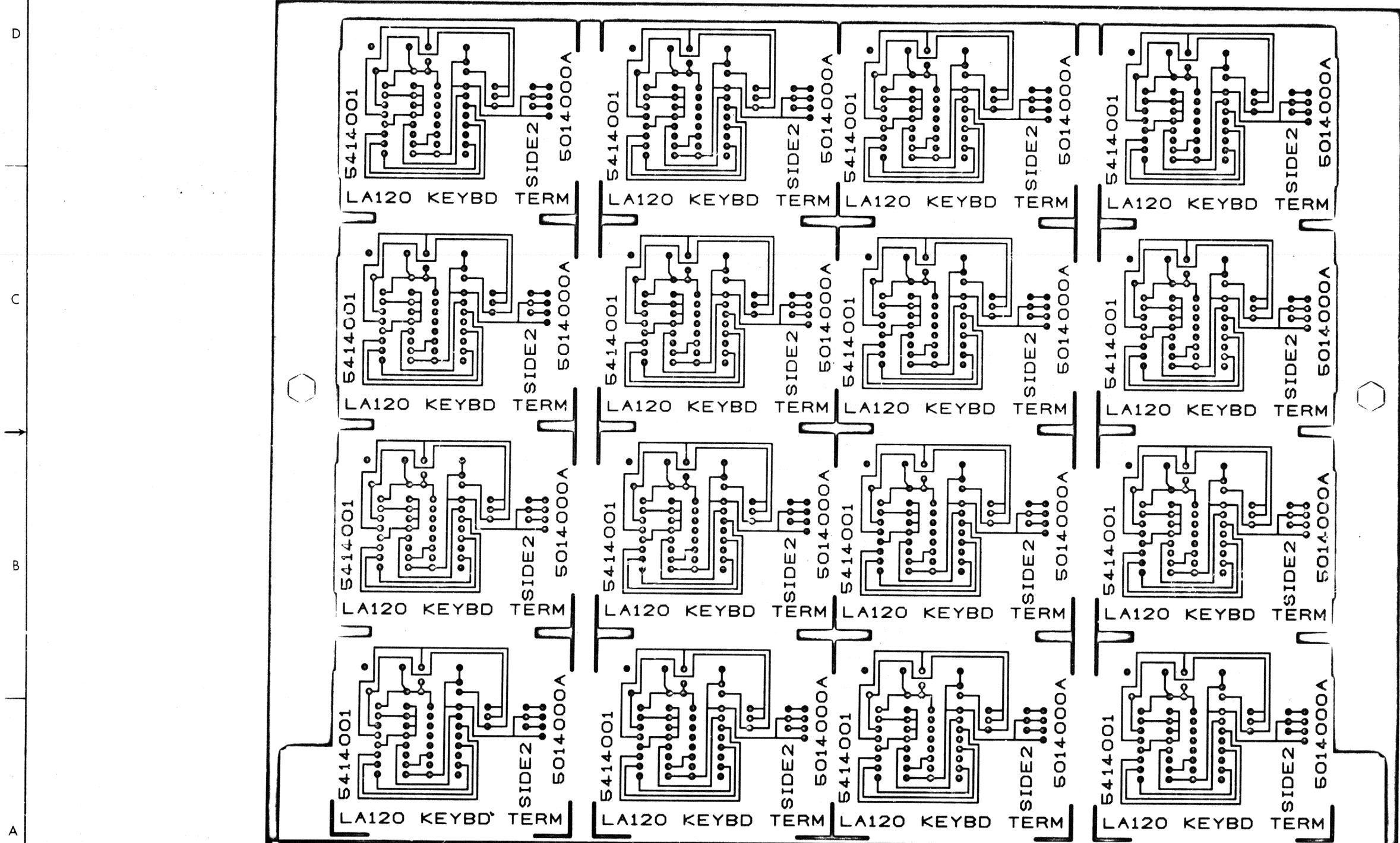
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D

C

B

A

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C

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D

## REVISIONS

CHK

CHANGE NO.

REV.

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1

TITLE  
LA120 KEYBOARD TERM  
SCALE 2:1 SHEET 3 OF 3 DATE

SHEET NUMBER REV.  
DUA 5414001-0-0 A

MR 1

