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FIELD MAINTENANCE PRINT SET

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UNIT VARIATIONS COVERED BY THIS PRINT SET
LA100-AA
LA100-BA
LA100-CA
LA100-RA
LA100-YA
LA100-ZA
LA100-AB
LA100-BB
LA100-CB
LA100-RB
LA100-YB
LA100-ZB
LA100-PC

LA100

Field Maintenance Print Set

Digital Equipment Corporation

Print Set Part Number MP- 01096-00

REVISION HISTORY		REV.	DATE	ECO NUMBER	INITIAL	DESCRIPTION	DRN.	CHK'D.	DES. ENG.	RESP. ENG.	FIELD SERVICE	NEXT HIGHER DOC.	DATE	TITLE	DOCUMENT NUMBER	SIZE	CODE	NUMBER	REV.	SHEET	OF
		A			INITIAL		R. ROBICHAUD	D. HEALY	<i>E. J. Neal</i>	<i>E. J. Neal</i>	<i>J. L. ...</i>		16 SEP 80 23 OCT 80 28 MAY '82 28 MAY '82 5-28-82	digital		B	TC	LA100-0-1	B	1	1
		B		LA100 - PNO04	<i>PM 12-23-82</i>																
					<i>E. King</i>																

REV. A
NUMBER
LA100-0-1
TC

"THE MATERIAL HEREIN IS FOR INFORMATION PURPOSES ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE. DIGITAL EQUIPMENT CORPORATION ASSUMES NO RESPONSIBILITY FOR ANY ERRORS WHICH MAY APPEAR HEREIN."

DRAWING DIRECTORY

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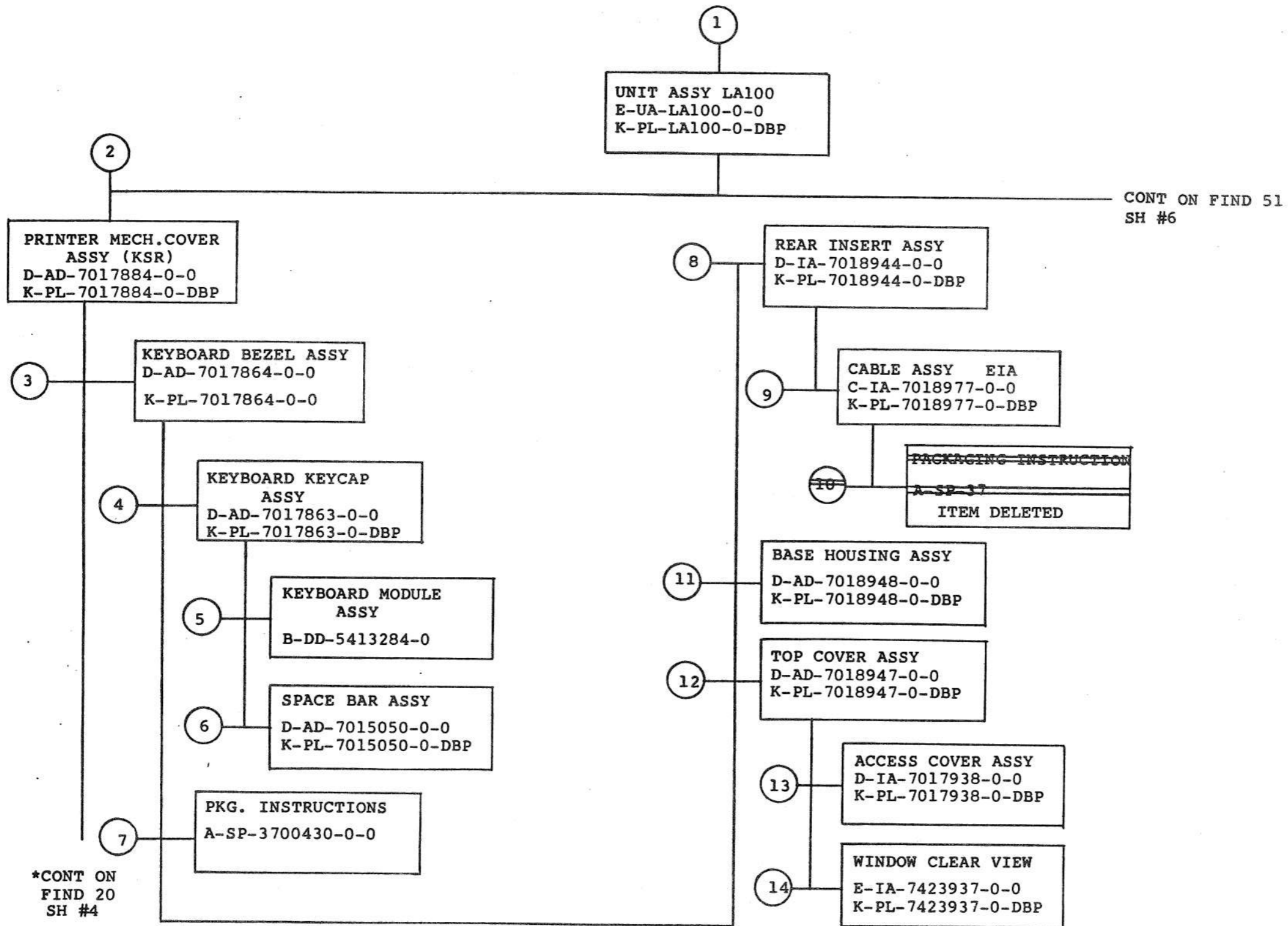
UNIT VARIATIONS	
VAR	TITLE
LA100-RB	INTERNATIONAL RO MODEL WITH COURIER-10 ENGLISH & FOREIGN CHARACTER SETS
LA100-YB	LA100-RB & TRACTORS, BC22A-25 CABLE, RIBBON CARTRIDGE PAPER
LA100-ZB	LA100-YB PLUS MULTIPLE FONT OPTION

UNIT VARIATIONS	
VAR	TITLE
LA100-AA	ENGLISH - LANGUAGE KSR MODEL WITH COURIER-10 & ORATOR-10 FONTS
LA100-BA	LA100-AA PLUS KEYPAD, TRACTORS, BC22A-25 CABLE, RIBBON CARTRIDGE PAPER
LA100-CA	LA100-BA PLUS MULTIPLE FONT OPTION
LA100-AB	INTERNATIONAL KSR MODEL WITH COURIER-10 ENGLISH AND FOREIGN CHARACTER SETS & KEYCAPS FOR SAME
LA100-BB	LA100-AB & KEYPAD TRACTORS BC22A-25 CABLE, RIBBON CARTRIDGE PAPER
LA100-CB	LA100-BB PLUS MULTIPLE FONT OPTION
LA100-RA	ENGLISH LANGUAGE RO MODEL WITH COURIER-10 AND ORATOR-10 FONTS
LA100-YA	LA100-RA & TRACTORS, BC22A-25 CABLE, RIBBON CARTRIDGE PAPER
LA100-ZA	LA100-YA PLUS MULTIPLE FONT OPTION
LA100-DC	LA100-ZA WITHOUT BC22A-25 CABLE

REVISIONS	REV.	A	INITIAL LA100-PN002 B LA100-PN003 C LA100-PN006 D	USED ON OPTION/MODEL	DRN.	R. ROBICHAUD	DATE	12SEP 80	TITLE	UNIT ASSY LA100	digital
	CHK				CHK'D.	E.L. Neal	DATE	25 JUNE '82			
					PROJ. ENG.	E.L. Neal	DATE	25 JUNE '82			
					PROD.	<i>J. Watson</i>	DATE	6 JUNE 82			

SHEET	1	OF	12
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SIZE	B	CODE	DD	NUMBER	LA100-0	REV	D
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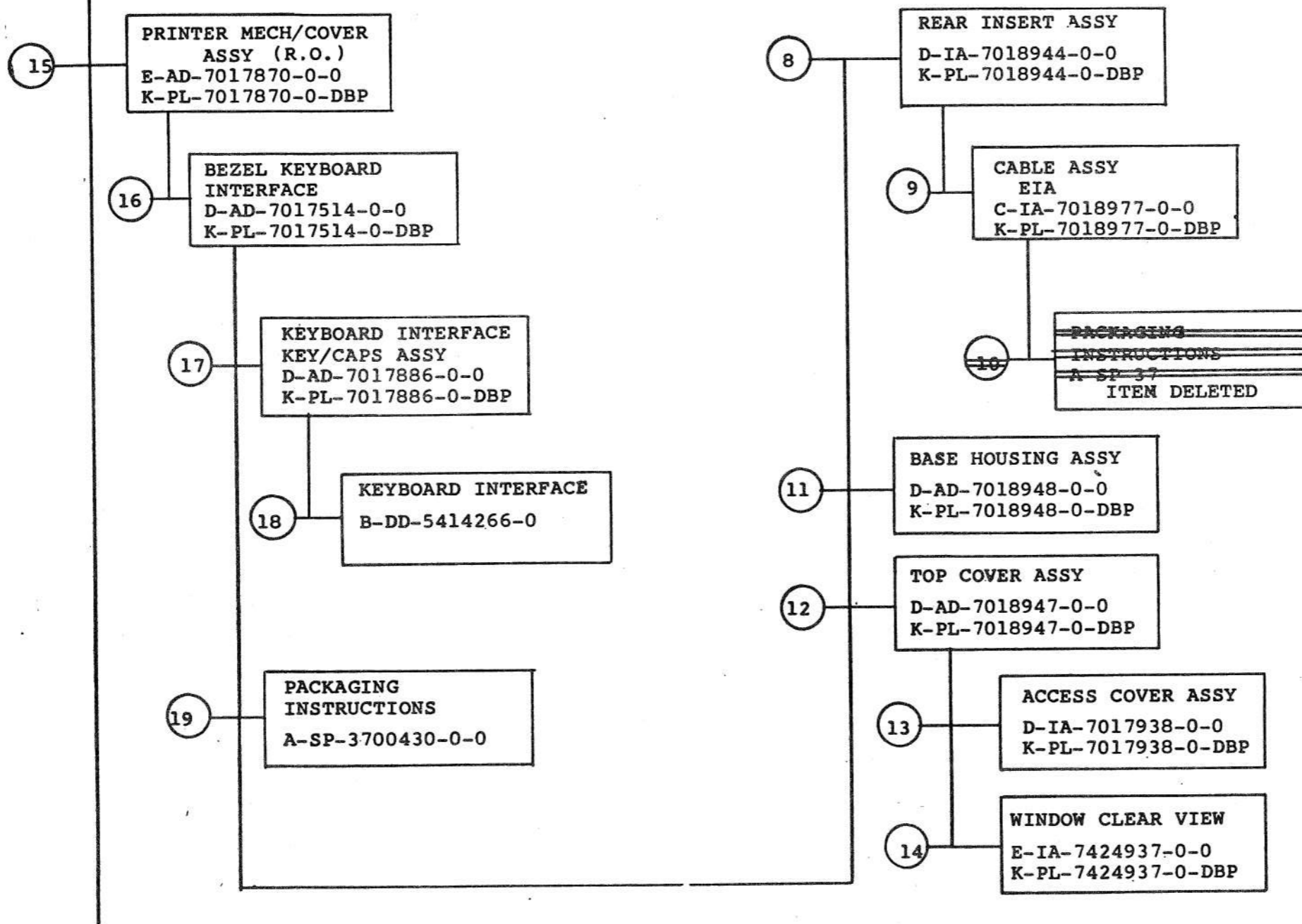


*NOTE: FIND 20 THRU 50 USED
ON FIND 2 & FIND 15

TITLE	SIZE	CODE	NUMBER	REV.
UNIT ASSY LA100	B		LA100-0	D
SHEET 2 OF 12				

CONT FROM
SH #2

CONT ON FIND 51
SH #6

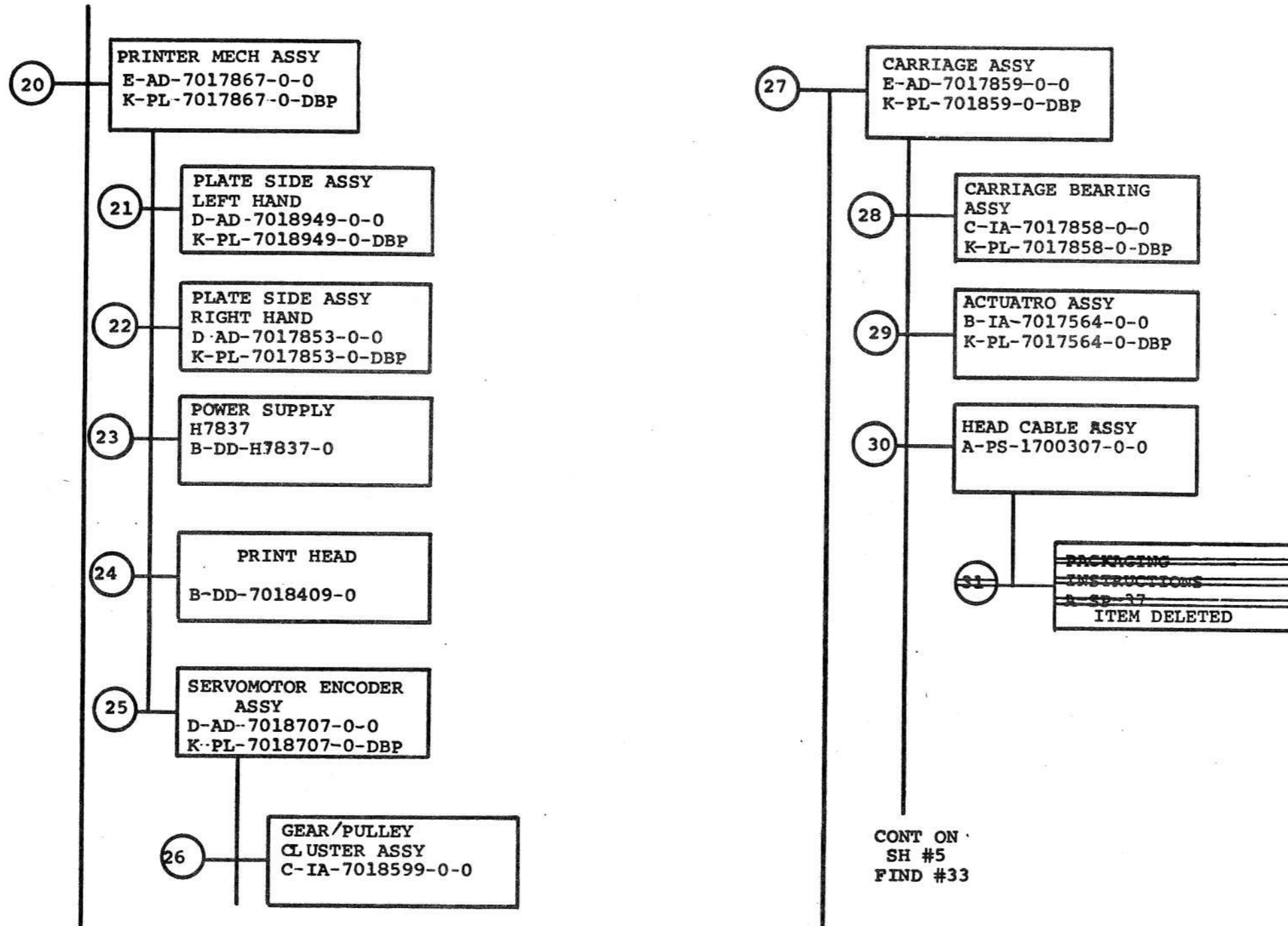


*CONT ON
FIND 20 SH #4

*NOTE: FIND 20 THRU 50
USED ON FIND 2 & 15

TITLE	SIZE	CODE	NUMBER	REV.
UNIT ASSY LA100	B		LA100-0	D
SHEET 3 OF 12				

CONT FROM
SH # 3



* #D AD 7018960-0-0 CAN BE USED IN
PLACE OF ITEM #25

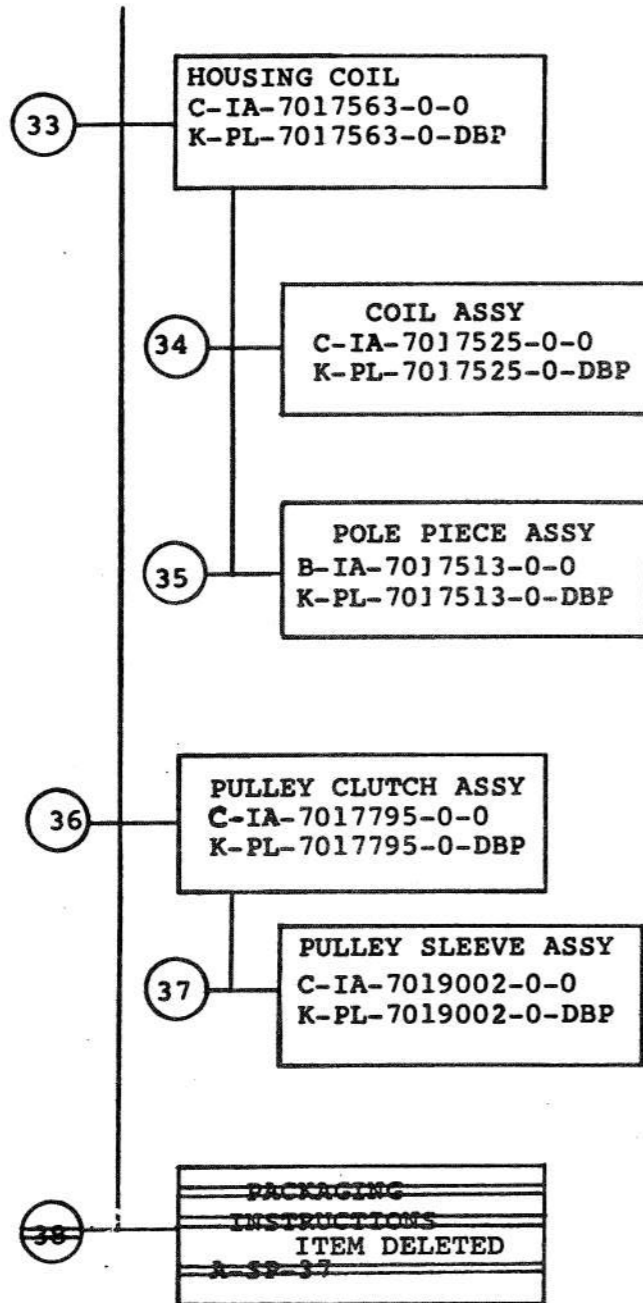
CONT ON
SH #5
FIND #33

CONT ON
SH #5
FIND #39

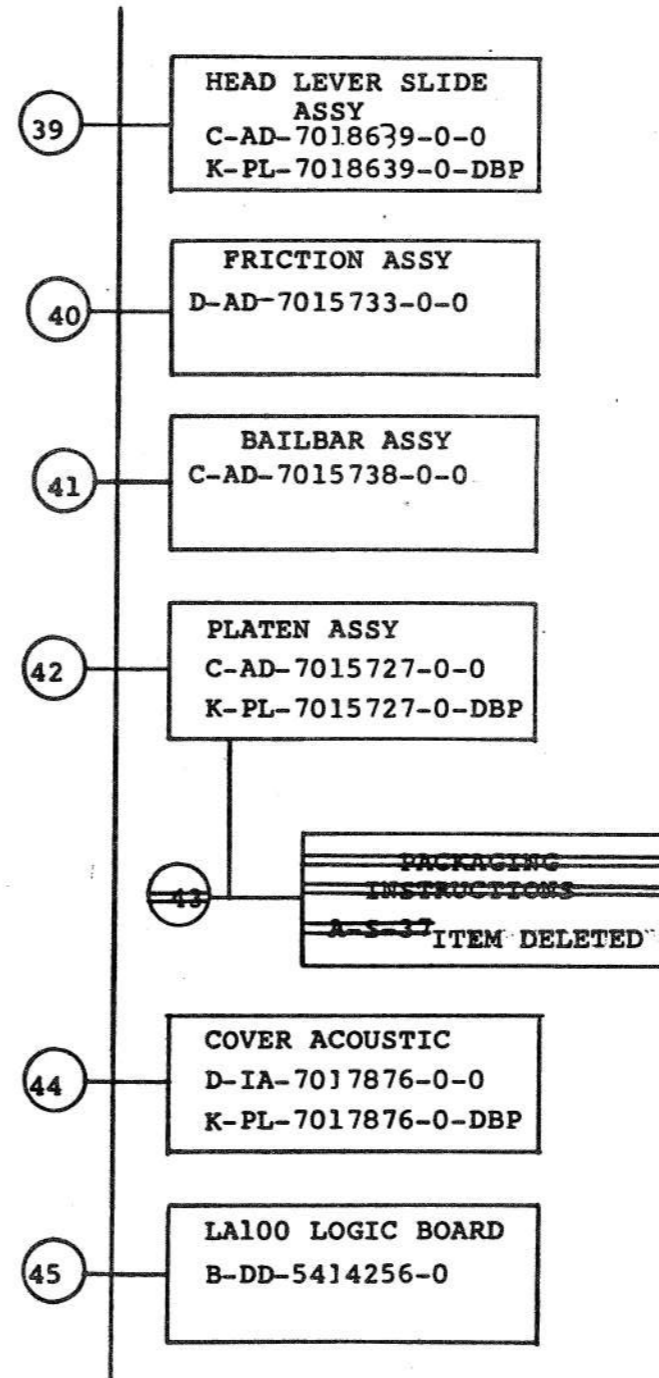
~~PACKAGING~~
~~INSTRUCTIONS~~
~~A-SP-37~~
ITEM DELETED

TITLE	SHEET	SIZE	CODE	NUMBER	REV.
UNIT ASSY LA100	4 OF 12	B		LA100-0	D

CONT FROM
SH #4



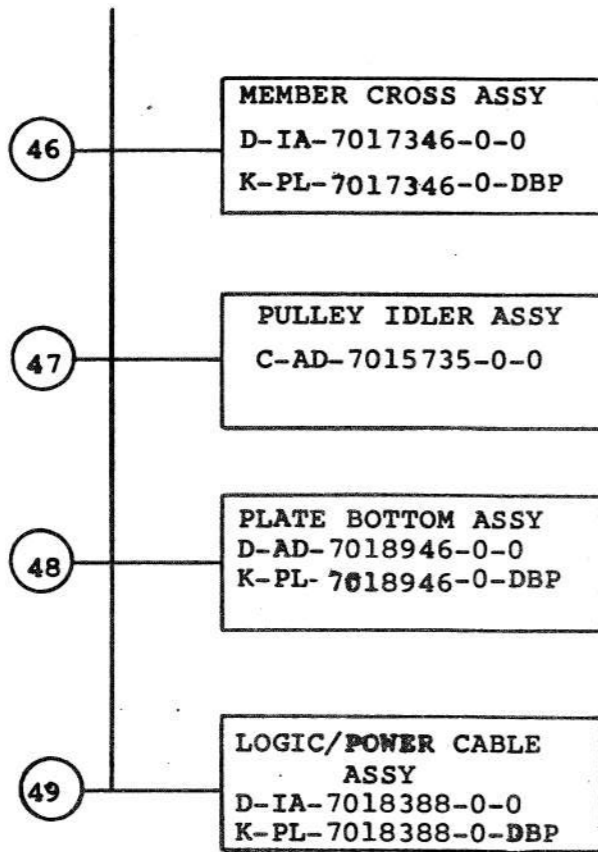
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SH #4



CONT ON
SH #6
FIND 46

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UNIT ASSY LA100	5 OF 12	B		LA100-0	D

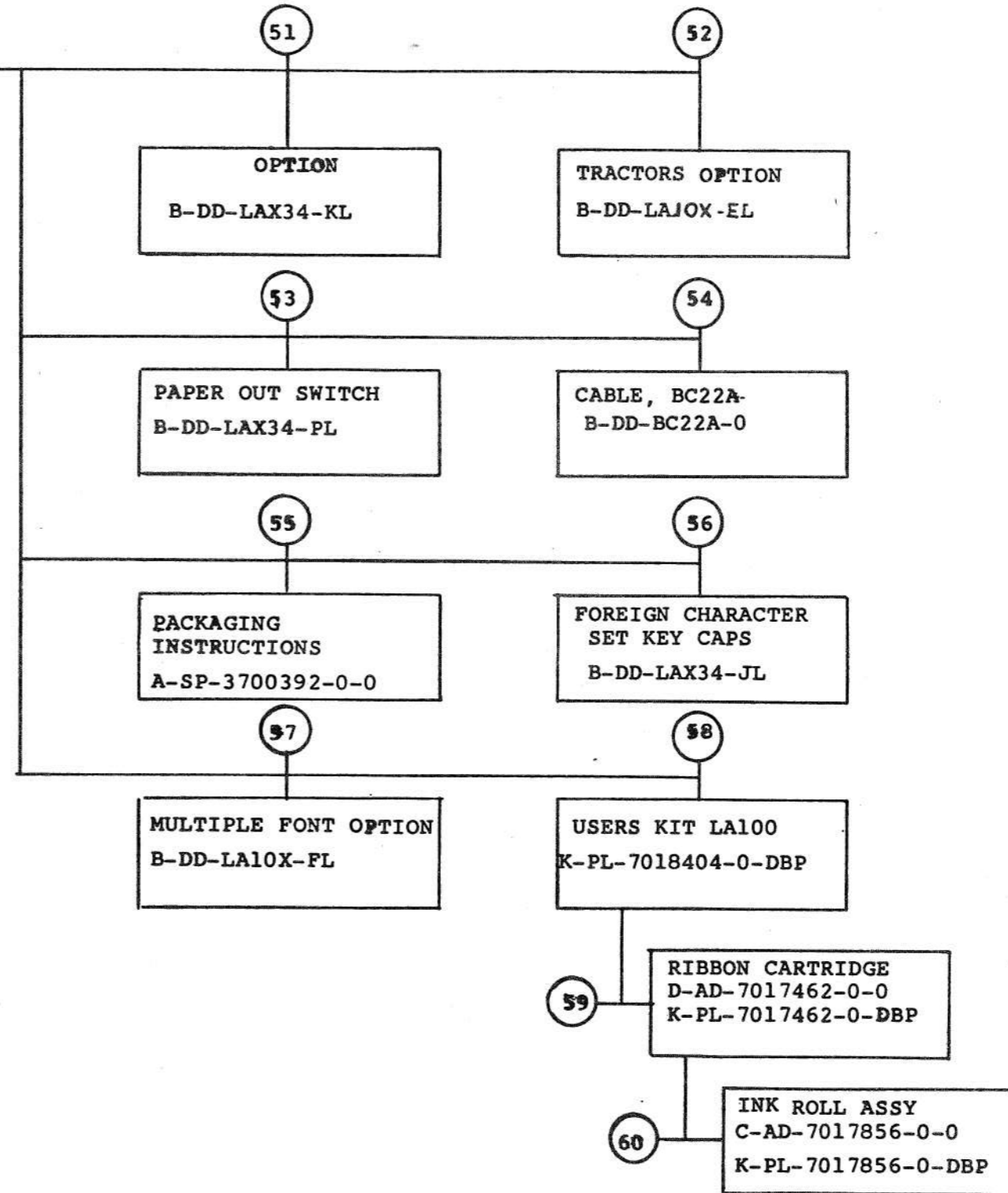
CONT FROM
SH #5



50

PACKAGING
INSTRUCTIONS
ITEM DELETED
A-SP-37

CONT FROM
SH #2



TITLE UNIT ASSY LA100	SHEET 6 OF 12	SIZE CODE B	NUMBER LA100-0	REV. D
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FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
10	A-SP-37	PACKAGING INSTRUCTIONS	#				
11	D-AD-7018948-0-0	BASE HOUSING ASSY	M	16	D-AD-7017514-0-0	BEZEL KEYBOARD INTERFACE	E/M
	K-PL-7018948-0-DBP	BASE HOUSING ASSY (PL)	M		K-PL-7017514-0-DBP	BEZEL KEYBOARD INTERFACE (PL)	E/M
	A-PS-1215296-0-0	BASE HOUSING, OUTER SKIN	M		E-MD-7423943-0-0	BEZEL KEYBOARD	M
	A-PS-1216470-0-0	BUMPER, RUBBER MOLDED	M		A-PS-1215295-0-0	SWITCH, FILLER PLUG	M
	A-PS-1217630-0-0	GROMMET, W/RECESSED HD	M		A-PS-3617590-0-0	LABEL, LEGEND STRIP	M
	A-PS-1217631-0-0	PLUNGER W/TAMPER PROOF HD	M	17	D-AD-7017886-0-0	KEYBOARD INTERFACE/KEY CAPS ASSY	E/M
12	D-AD-7018947-0-0	TOP COVER ASSY	M		K-PL-7017886-0-DBP	KEYBOARD INTERFACE/KEY CAPS ASSY (PL)	E/M
	K-PL-7018947-0-DBP	TOP COVER ASSY (PL)	M		A-PS-1214333-0-0	CAPS, KEY SET LA100	M
	A-PS-1215291-0-0	COVER, HSG OUTER SKIN	M		A-PS-1217800-0-0	CAPS, KEY SET (LA34-VA)	M
	A-PS-1215651-0-0	PLUG, TRACTOR	M	18	B-DD-5414266-0-0	KEYBOARD INTERFACE	E/M
	A-PS-1216687-0-0	SW REED, MINI MAGNETIC ASSY	E/M				
	A-PS-1215293-0-0	GUIDE, PAPER EDGE	M	19	A-SP-3700430-0-0	PACKAGING INSTRUCTIONS	M
	E-MD-7423820-0-0	BEZEL, TOP	M				
	E-MD-7423939-0-0	REFLECTOR, VISOR	M	20	E-AD-7017867-0-0	PRINTER MECH ASSY	E/M
	E-MD-7423938-0-0	REFLECTOR, VISOR CLIP	M		K-PL-7017867-0-DBP	PRINTER MECH ASSY (PL)	E/M
	D-MD-7424088-0-0	LOGO	M		C-MD-7420741-0-0	RETAINER FLEXURE	M
	A-PS-3619291-0-0	LABEL, SWITCH INSTRUCTION	M		A-PS-1216335-0-0	SLEEVE, RETAINER .380D X .171	
	A-PS-3618115-0-0	LABEL, RIBBON ADJ.	M		D-MD-7422986-0-0	LEVER, RELEASE	M
13	D-IA-7017938-0-0	ACCESS COVER, ACOUSTIC ASSY	M		D-MD-7424743-0-0	PAPER DEFLECTOR	M
	K-PL-7017938-0-DBP	ACCESS COVER, ACOUSTIC ASSY (PL)	M		C-IA-7422987-0-0	CAM	M
	E-MD-7423819-0-0	ACCESS COVER	M		A-PS-1215781-0-0	ACTUATOR, PAPER OUT	M
	D-MD-7424087-0-0	BARRIER, ACOUSTIC	M		A-PS-1215315-0-0	SHAFT, CARRIAGE	M
14	E-IA-7423937-0-0	WINDOW, CLEAR VIEW	M		A-PS-1215319-0-0	SPRING, PULLEY TENSION	M
	K-PL-7423937-0-DBP	WINDOW, CLEAR VIEW	M		A-PS-1215348-0-0	CABLE, RIBBON DRIVE ASSY	M
	B-SS-7423937-0-1	SILK SCREEN, WHT	M		A-PS-1215782-0-0	SHAFT, PAPER OUT	M
15	E-AD-7017870-0-0	PRINTER MECH/COVER ASSY (RO)	E/M		A-PS-1215780-0-0	SUPPORT, BEARING	M
	K-PL-7017870-0-DBP	PRINTER MECH/COVER ASSY (RO) (PL)	E/M		A-PS-1215506-0-0	ROD CAP	M
					A-PS-1215401-0-0	PAPER GUIDE	M
					A-PS-1215701-0-0	SPRING EXT 1.12LGK 240.D.	M
					A-PS-1215453-0-0	SPACER LEVER	M
					A-PS-1215561-0-0	CLIP, TORSION	M
					A-PS-1215452-0-0	SCREW, LEVER	M
					A-PS-3616340-0-0	LABEL, MODEL & SERIAL NO.	M
					A-PS-3613214-0-0	LABEL, SERIALIZE ENCODER MOTOR	M

TYPE E ELECTRICAL
M MECHANICAL
E/M ELECTRO/MECHANICAL

digital

TITLE

UNIT ASSY LA100

SHEET 8 OF 12

SIZE CODE
B DD

NUMBER
LA100-0

REV.
D

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
	A-PS-3618293-0-0	LABEL. PAPER LOAD INSTRUCTIONS	M	23	B-DD-H7837	POWER SUPPLY H7837	E/M
				24	B-DD-7018409-0	PRINT HEAD ASSY	E/M
21	D-AD-7018949-0-0	PLATE SIDE ASSY L.H.	M	25	D-AD-7018707-0-0	SERVO MOTOR ENCODER ASSY	E/M
	K-PL-7018949-0-DBP	PLATE SIDE ASSY L.H. (PL)	M		K-PL-7018707-0-DBP	SERVO MOTOR ENCODER ASSY (PL)	E/M
	B-MD-7421147-0-0	SPACER, BAIL BAR	M		D-IA-7425972-0-0	BRACKET MOTOR MTG.	M
	B-MD-7420739-0-0	CLAMP, SHAFT	M		C-IA-7015740-0-0	CABLE SERVO MOTOR	E/M
	B-IA-7017628-0-0	INTERLOCK SWITCH ASSY	E/M		A-PS-1919229-0-0	OPTICAL ENCODER DETECTOR	E/M
					A-PS-1215633-0-0	MOTOR	E/M
	B-MD-7425568-0-0	ANCHOR, FWD CABLE	M		C-MD-7424735-0-0	PULLEY DRIVE 18T-.080P	M
	A-PS-1215382-0-0	PLATE SIDE L.H.	M		A-PS-1215589-0-0	DISK ENCODER	M
	A-PS-1215512-0-0	LATCH PLATEN LEFT	M		A-PS-1215603-0-0	DUST CAP ENCODER	M
	A-PS-1215508-0-0	SPRING, LATCH	M		A-PS-1215604-0-0	BACK PLATE, ENCODER	M
	A-PS-1215557-0-0	SPACER, PLATEN LATCH	M		A-PS-1215397-0-0	STUD. COMB. PULLEY	M
	A-PS-1215398-0-0	GROMMET	M		A-PS-1215399-0-0	SPACER	M
	A-PS-1215652-0-0	FASTENER, SPEED NUT	M		A-PS-1215937-0-0	BEARING SLEEVE	M
	A-PS-1215672-0-0	BUMPER, ADH BK	M		A-PS-1215915-0-0	BELT 90T. .25W	M
	C-MD-7427106-0-0	SPRING, TRACTOR, GROUNDING			A-PS-1215926-0-0	BUSHING, BELT TENSIONING	M
					A-PS-3613214-0-0	LABEL, ADH. BACKED	M
22	D-AD-7017853-0-0	PLATE, SIDE ASSY R.H.	E/M				
	K-PL-7017853-0-DBP	PLATE SIDE ASSY R.H. (PL)	E/M				
	B-MD-7421147-0-0	SPACER, BAIL BAR	M				
	B-MD-7420739-0-0	CLAMP, SHAFT	M				
	C-MD-7424017-0-0	CLAMP, SUPPORT SHAFT	M	26	C-IA-7018599-0-0	GEAR/PULLEY CLUSTER ASSY	M
	A-PS-1215394-0-0	PLATE SIDE R.H.	M				
	A-PS-1217474-0-0	MOTOR, STEPPER ASSY	E/M		A-PS-1215523-0-0	BEARING BALL FLANGED	M
	A-PS-1215512-0-0	LATCH, PLATEN, RIGHT	M		C-MD-7425585-0-0	CLUSTER PULLEY	M
	A-PS-1215350-0-0	GEAR, CLUSTER	M		C-MD-7425586-0-0	FLANGE	M
	A-PS-1215557-0-0	SPACER, PLATEN LATCH	M				
	A-PS-1215508-0-0	SPRING, LATCH	M	27	D-AD-7017859-0-0	CARRIAGE ASSY	E/M
	A-PS-1215398-0-0	GROMMET	M		K-PL-7017859-0-DBP	CARRIAGE ASSY (PL)	E/M
	A-PS-1215672-0-0	BUMPER, ADHESIVE BACK	M		D-MD-7427151-0-0	PAPER GUIDE	M
					A-PS-1220069-0-0	BEARING, CARRIAGE FRONT	M
					C-MD-7426722-0-0	SPRING, FRONT BEARING	M
					B-MD-7424883-0-0	CLIP ACTUATOR RETAINER	M
					B-MD-7424719-0-0	SHAFT RIBBON DRIVE	M
					C-MD-7425865-0-0	CLIP, BELT SPRING	M
					B-MD-7425784-0-0	FOLLOWER, SOLENOLD	M

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

digital

TITLE UNIT ASSY LA100 SHEET 9 OF 12 SIZE CODE B DD NUMBER LA100-0 REV D

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
	D-MD-7425720-0-0	LEVER, HD RETAIN	M	33	C-IA-7017563-0-0	HOUSING, COIL	E/M
	A-PS-1215362-0-0	BELT TIMING	M		K-PL-7017563-0-DBP	HOUSING, COIL (PL)	E/M
	A-PS-1212473-0-0	CONN, HSG 4PIN	M		B-MD-7424015-0-0	HOUSING, COIL	M
	K-PL-7425183-0-DBP	CLAMP RIBBON CABLE	M		B-MD-7424720-0-0	BEARING ACTUATOR	M
	A-PS-1212220-0-0	CONTACT, PIN, CRIMP	M				
	D-IA-7425183-0-0	CLAMP RIBBON CABLE	M				
	E-MD-7425725-0-0	MOUNT, HEAD CABLE	M				
	A-PS-1219391-0-0	SPRING, COMPRESSION	M				
	A-PS-1220072-0-0	SPRING, EXTENSION	M	34	C-IA-7017525-0-0	COIL ASSY	M
	B-MD-7427003-0-0	SPACER, HEAD RETAINING LEVER	M		K-PL-7017525-0-DBP	COIL ASSY (PL)	M
28	C-IA-7017858-0-0	CARRIAGE BEARING ASSY	M		C-IA-7424018-0-0	BOBBIN	M
	K-PL-7017858-0-DBP	CARRIAGE BEARING ASSY (PL)	M				
	E-MD-7424378-0-0	CARRIAGE	M				
	B-MD-7424721-0-0	BEARING, CARRIAGE REAR	M				
				35	B-IA-7017513-0-0	POLE PIECE ASSY	M
					K-PL-7017513-0-DBP	POLE PIECE ASSY (PL)	M
29	B-IA-7017564-0-0	ACTUATOR ASSY	M		B-MD-7424105-0-0	BUMPER	M
	K-PL-7017564-0-DBP	ACTUATOR ASSY (PL)	M		B-MD-7424020-0-0	POLE PIECE ELECTROMAGNET	M
	B-MD-7424019-0-0	ACTUATOR	M				
	C-MD-7424104-0-0	MAGNET PERMANENT	M				
				36	C-IA-7017795-0-0	PULLEY CLUTCH ASSY	M
					K-PL-7017795-0-DBP	PULLEY CLUTCH ASSY (PL)	M
					A-PS-1219393-0-0	BEARING PULLEY SLEEVE	M
					A-PS-1216782-0-0	CLUTCH ROLLER	M
				37	C-IA-7019002-0-0	PULLEY SLEEVE ASSY	M
					K-PL-7019002-0-DBP	PULLEY SLEEVE ASSY (PL)	M
30	A-PS-1700307-0-0	HEAD CABLE ASSY			C-MD-7425721-0-0	PULLEY, RIBBON DRIVE	M
					B-MD-7426271-0-0	SLEEVE PULLEY	M
				38	A-SP-37	PACKAGING INSTRUCTIONS	M
				39	C-AD-7018639-0-0	HEAD LEVER SLIDE ASSY	M
					K-PL-7018639-0-DBP	HEAD LEVER SLIDE ASSY (PL)	M
					C-MD-7425723-0-0	LEVER, PRINT HEAD ADJ.	M
					D-MD-7425741-0-0	SLIDE, HEAD ADJ.	M
				31	A-SP-37	PACKAGING INSTRUCTIONS	M
				40	D-AD-7019733-0-0	FRICITION ASSY	M
					A-PS-1215358-0-0	SHAFT FRICTION	M
					A-PS-1215524-0-0	BUSHING	M
					A-PS-1215551-0-0	SPRING	M

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

digital

TITLE UNIT ASSY LA100

SHEET 10 OF 12

SIZE CODE
B DD

NUMBER
LA100 0

REV
D

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
	A-PS-1215349-0-0	ARM.ROCKER	M	45	B-DD-5414256-0-0	LA100 LOGIC BOARD	E/M
	A-PS-1215355 0-0	ROCKER	M				
	A-PS-1215356-0-0	ROLLER. FRONT PAPER FEED	M				
	A-PS-1215359-0-0	ROLLER. REAR, PAPER FEED	M				
				46	D-IA-7017346-0-0	MEMBER. CROSS ASSY	M
					K-PL-7017346-0-DBP	MEMBER. CROSS ASSY (PL)	M
					D-MD-7424906-0-0	BARRIER ACOUSTIC EXTRUSION	M
41	C-AD-7015738-0-0	BAIL BAR ASSY	M		D-MD-7425557-0-0	EXTRUSION. MEMBER CROSS	M
	A-PS-1215330-0-0	ROLLER ASSY (BAIL BAR)	M				
	A-PS-1215331-0-0	ARM. BAIL BAR	M				
	A-PS-1215332-0-0	BAIL BAR	M				
	A-PS-1215333-0-0	TEAR EDGE	M				
				47	C-AD-7015735-0-0	PULLEY IDLER ASSY	M
					A-PS-1215357-0-0	SHAFT. IDLER	M
					A-PS-1215592-0-0	PULLEY. IDLER	M
					A-PS-1216621-0-0	BEARING	M
42	C-AD-7015727-0-0	PLATEN ASSY	M				
	K-PL-7015727-0-DBP	PLATEN ASSY (PL)	M				
	A-PS-1215351-0-0	PLATEN KNOB ASSY	M				
	A-PS-1215288-0-0	GEAR. TRACTOR	M				
	A-PS-1215289-0-0	BEARING, PLAIN	M	48	D-AD-7018946-0-0	PLATE. BOTTOM ASSY	M
	A-PS-1220076-0-0	PLATEN SUB ASSY	M		K-PL-7018946-0-DBP	PLATE. BOTTOM ASSY (PL)	M
	A-PS-1215353-0-0	BEARING, PLASTIC	M		E-MD-7425123-0-0	BOTTOM. FORMING	M
	A-PS-1215400-0-0	CLUTCH, DISK	M		C-MD-7423971-0-0	STANDOFF. BOTTOM	M
	A-PS-1215352-0-0	CLUTCH/GEAR PAPER DRIVE	M		A-PS-1215395-0-0	SUPPORT DUAL P.C. CARD	M
	A-PS-1215354-0-0	CLUTCH, HUB	M				
	A-PS-1215552-0-0	SPRING COMPRESSION	M				
	A-PS-1215562-0-0	WASHER, CLUTCH	M				
				49	D-IA-7018388-0-0	CABLE ASSY LOGIC/POWER	E/M
					K-PL-7018388-0-DBP	CABLE ASSY LOGIC/POWER (PL)	E/M
	43 A-SP-37	PACKAGING INSTRUCTIONS	M				
				50	A-SP-37	PACKAGING INSTRUCTIONS	M
44	D-IA-7017876-0-0	COVER. ACOUSTIC MODULE ASSY	M				
	K-PL-7017876-0-DBP	COVER ACOUSTIC MODULE ASSY (PL)	M				
	D-MD-7424380-0-0	COVER. MODULE	M				
	D-MD-7424907-0-0	BARRIER. ACOUSTIC MODULE COVER	M	51	B-DD-LAX34-KL	KEYPAD OPTION	E/M

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

digital

TITLE

UNIT ASSY LA100


SHEET 11 OF 12

SIZE CODE
B DD

NUMBER
LA100-0

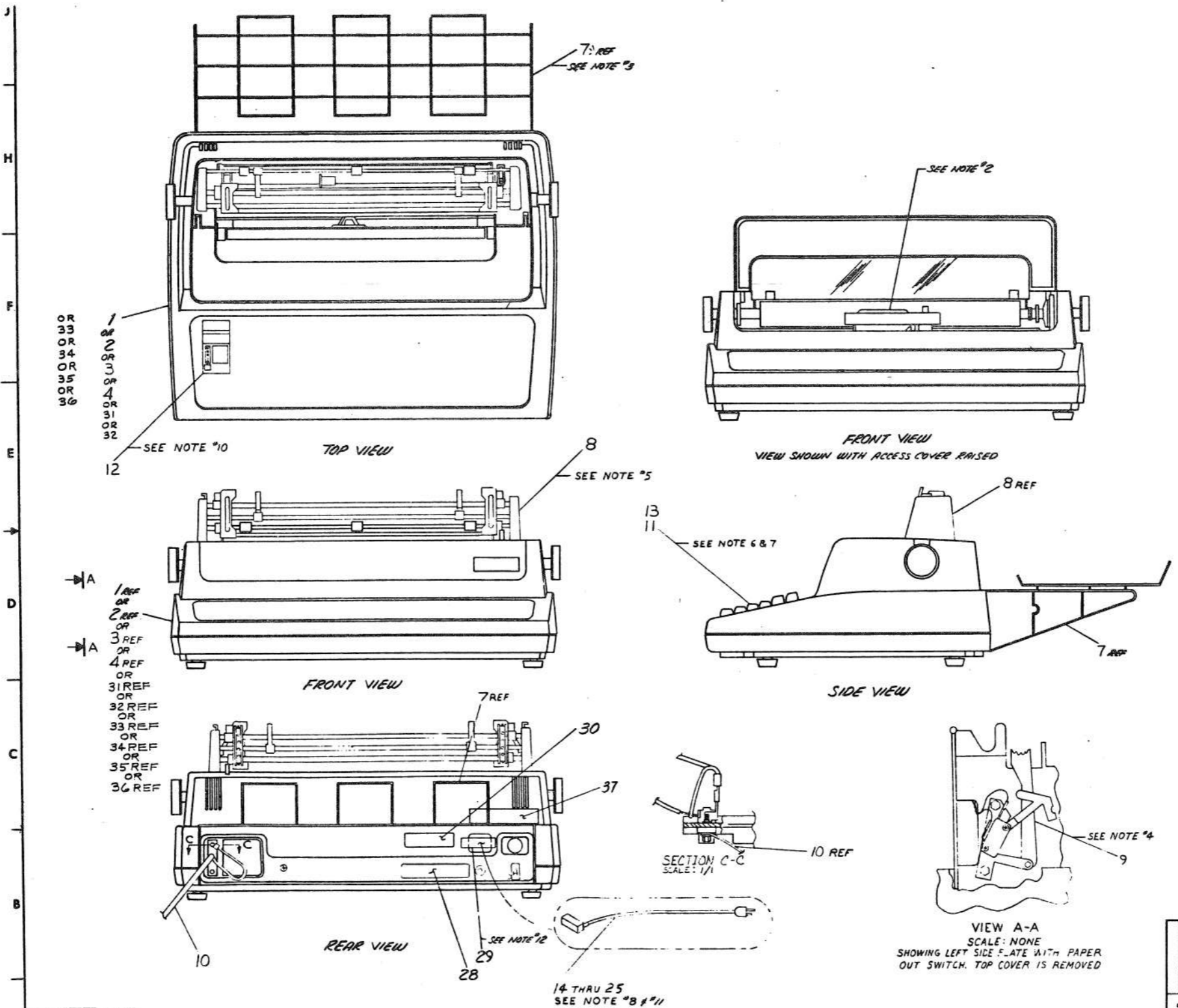
REV
D

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
52	B-DD-LA10X-EL	TRACTORS OPTION	M		B-MD-7424009-0-0	SPRING, IDLER ROLLER	M
					B-MD-7424008-0-0	SPRING, RIBBON TENSION	M
					D-MD-7424454-0-0	TRANSFER ROLLER	M
					C-MD-7424455-0-0	SPRING, TORSION	M
					C-MD-7424010-0-0	CAM, ECCENTRIC INK ROLL	M
53	B-DD-LAX34-PL	PAPER OUT SWITCH	E/M		A-PS-3617489-0-0	RIBBON, CONTINUOUS LOOP .38WK 12	M
54	B-DD-BC22A-0	CABLE, BC22A	E/M	60	C-AD-7017856-0-0	INK ROLL ASSY	M
					K-PL-7017856-0-DBP	INK ROLL ASSY (PL)	M
					D-MD-7424457-0-0	BUSHING	M
					C-MD-7424458-0-0	ROLL, INK	M
55	A-SP-3700392-0-0	PACKAGING INSTRUCTIONS	M				
56	B-DD-LAX34-JL	FOREIGN CHARACTER SET KEYCAPS	M				
57	B-DD-LA10X-FL	MULTIPLE FONT OPTION	M				
58	K-PL-7018404-0-DBP	USERS KIT LA100	E/M				
	A-PS-3616157-0-0	LABEL, CORRECT VOLTAGE SETTING	M				
	A-MD-7412103-0-0	PAPER, PRE PKG. 132 COL.	M				
	A-PS-3617326-0-0	LABEL, PKG. SPROCKET FEO	M				
	A-PS-1700083-0-0	PWR CORD	E/M				
	A-PS-3616786-0-0	LABEL, ECO STATUS	M				
59	D-AD-7017462-0-0	RIBBON CARTRIDGE ASSY	M				
	K-PL-7017462-0-DBP	RIBBON CARTRIDGE ASSY (PL)	M				
	E-MD-7425491-0-0	BASE, RE-INKING CARTRIDGE	M				
	E-MD-7425490-0-0	COVER, RE-INKING CARTRIDGE	M				
	D-MD-7425537-0-0	COMB	M				
	D-MD-7425538-0-0	DRIVER	M				
	D-MD-7425536-0-0	ROLLER, IDLER	M				

TYPE: E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL		TITLE UNIT ASSY LA100	SHEET 12 OF 12	SIZE CODE B DD	NUMBER LA100-0	REV. D
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DRB 108A

14. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. FIRST USES ON THIS DRAWING ARE IN INCHES. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.



OR
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OR
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OR
31
OR
32

SEE NOTE #10

1 REF
OR
2 REF
OR
3 REF
OR
4 REF
OR
31 REF
OR
32 REF
OR
33 REF
OR
34 REF
OR
35 REF
OR
36 REF

14 THRU 25
SEE NOTE #8 #11

- NOTES:**
1. FOR INTERCONNECTION DIAGRAM REFER TO D-AR-LA100-0-2.
 2. MOVE CARTRIDGE TO LEFT HAND STOP, SECURE WITH CABLE TIE (ITEM #26), SECURE CAUTION TAG (ITEM #27) SECURELY TO CABLE #5.
 3. ITEM #7, PAPER CATCHER IS OPTIONAL.
 4. FOR INSTALLATION PROCEDURE REFER TO E-AR-LA134-PL-2.
 5. FOR INSTALLATION PROCEDURE REFER TO LETTERPRINTER 100 INSTALLATION GUIDE EK-LP100-IN-001, OR LETTERWRITER 100 INSTALLATION GUIDE EK-LA-00-IN-001.
 6. FOR INSTALLATION PROCEDURE REFER TO E-AR-LA134-JL-2.
 7. FOR INSTALLATION PROCEDURE REFER TO C-AR-LAX34-KL-2.
 8. ALL ITEMS CALLED OUT UNDER ITEM #14 THRU #25 AND ITEM 38 ARE PART OF INSTALLATION KIT.
 9. CARTRIDGE ASSY AVAILABLE AS OPTION TO THIS ASSY REFER TO K-PL-LA100-1-CBP (CARTRIDGE & ROM) AND K-PL-LA100-3-DBP (CARTRIDGE & FOREIGN ROM).
 10. FOR INSTALLATION PROCEDURE REFER TO D-AR-LA100-FL-2.
 11. POWER CORD IS TO BE SUPPLIED LOCAL WITH UNIT AND IS HOOKED UP AT CUSTOMER SITE. COUNTRY OF USAGE, DEC PART NUMBER:
 USA (115) _____ 1700083-11
 USA (230) _____ 1700083-12
 UK _____ 1700209-01
 CONTINENTAL EUROPE (SCHUKO) _____ 1703199-02
 SWITZERLAND _____ 1700210-01
 AUSTRALIA _____ 1700198-01
 12. LABEL - ITEM #29 TO BE LAST ITEM PLACED ON UNIT, BEFORE PACKAGING.

CAUTION: FOR OFF SHEET PARTS LIST REFER TO K-PL-LA100-0-DBP

REV	DESCRIPTION	DATE
1	INITIAL	
2	LA100-1003	
3	LA100-1003	
4	LA100-1003	
5	LA100-1003	
6	LA100-1003	
7	LA100-1003	
8	LA100-1003	
9	LA100-1003	
10	LA100-1003	
11	LA100-1003	
12	LA100-1003	
13	LA100-1003	
14	LA100-1003	
15	LA100-1003	
16	LA100-1003	
17	LA100-1003	
18	LA100-1003	
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31	LA100-1003	
32	LA100-1003	
33	LA100-1003	
34	LA100-1003	
35	LA100-1003	
36	LA100-1003	
37	LA100-1003	

DESCRIPTION	DRAWING NO	REV
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. FIRST USES ON THIS DRAWING ARE IN INCHES. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.	EUA LA100-2-0	1
QUANTITY & TOLERANCE	APPLICABLE DIMENSION RANGE	TOLERANCE
ASSEMBLY	0.000	0.000
OPERATION	0.000	0.000
FINISH	0.000	0.000
THIRD ANGLE PROJECTION	TITLE	UNIT ASSY, LA100
DO NOT SCALE DRAWING	DATE	10/1/72
REMOVE BURRS AND BREAK SHARP CORNERS	DESIGNED BY	E. J. Seal
SEE PARTS LIST	CHECKED BY	E. J. Seal
	APPROVED BY	E. J. Seal
	DATE	10/1/72
	SCALE	1:1
	DRAWING NUMBER	EUA LA100-2-0
	REV	1
	REV	1
	REV	1

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION																		
					AA	BA	CA	RA	YA	ZA	AB	BB	CB	RB	YB	ZB							
1	1	E-AD-7017884-0-0	7017884-00	BASE HOUSING LA100-AA	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	2	E-AD-7017884-0-0	7017884-01	BASE HOUSING LA100-AA (FOREIGN)	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
3	3	E-AD-7017870-0-0	7017870-00	PRINTER MECH/COVER R/O DOMESTIC	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	4	E-AD-7017870-0-0	7017870-01	BASE HOUSING LA100-RA (FOREIGN)	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-
5	5	A-SP-3700392-0-0	3700392-00	INSTR PKG PRINTER,LA34 DECWRITER	1	-	-	1	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-
6	6	A-SP-3700392-0-0	3700392-01	PKG PRINTER LA34/LA38 DECWRITER	-	1	1	-	1	1	-	1	1	-	1	1	-	1	1	-	1	1	1
7	7	D-IA-7423841-0-0	7423841-00	PAPER CATCHER	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF
8	8	K-PL-LA10X-PL-DBP	LA10X-EL	TRACTOR OPTION FOR LA100	-	1	1	-	1	1	-	1	1	-	1	1	-	1	1	-	1	1	1
9	9	B-PL-LAX34-PL-0	LAX34-PL	LA34 PAPER OUT SWITCH FOR USE W	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF
10	10	B-PL-BC22A-0-0	BC22A-10	10FT RS232 SHIELDED NULL MODEM C	-	REF	REF	-	REF	REF	-	REF	REF	-	REF	REF	-	REF	REF	-	REF	REF	REF
11	11	B-PL-LAX34-JL-0	LAX34-JL	EUROPEAN KEYCAP SET	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1
12	12	K-PL-LA10X-FL-DBP	LA10X-FL	LA100 MULTIPLE FONT OPTION	-	-	REF	-	-	REF	-	-	REF	-	-	REF	-	-	REF	-	-	REF	-
13	13	B-PL-LAX34-KL-0	LAX34-KL	LA34/LA38 18-BUTTON KEYPAD	-	REF	REF	-	-	-	-	-	REF	REF	-	-	-	-	-	-	-	-	-
14	14	K-PL-7017404-0-DBP	7018404-AA	USER KIT LA100	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	15	K-PL-7018404-0-DBP	7013404-BA	USER KIT LA100	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	16	K-PL-7018404-0-DBP	7018404-CA	USER KIT LA100	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17	17	K-PL-7018404-0-DBP	7018404-RA	USER KIT LA100	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	18	K-PL-7018404-0-DBP	7018404-YA	USER KIT LA100	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19	19	K-PL-7018404-0-DBP	7018404-ZA	USER KIT LA100	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
20	20	K-PL-7018404-0-DBP	7018404-AB	USER KIT LA100	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
21	21	K-PL-7018404-0-DBP	7018404-BB	USER KIT LA100	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
22	22	K-PL-7018404-0-DBP	7018404-CB	USER KIT LA100	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
23	23	K-PL-7018404-0-DBP	7018404-RB	USER'S KIT LA100	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
24	24	K-PL-7018404-0-DBP	7018404-YB	USER KIT LA100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
25	25	K-PL-7018404-0-DBP	7018404-ZB	USER KIT LA100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
26	26		9007032-00	TIE,CABLE BUNDL.DIA 0-1-3/4"=101	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	27		3612520-00	TAG,*CAUTION*FOR LA36,2-1/8X4-1/	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	28		3617674-10	LABEL,SERIAL&POWER,UNIVERSAL LA1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	29		3617905-03	LABEL,WARNING 120 V60HZ 4-1/4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	30		3617880-03	LABEL,FCC CLASS A PERIPHERAL	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

REVISION HISTORY			BASIC PART NO: LA100		DRN:	B. CSERPES	DATE:	DIGITAL				
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D:				PARTS LIST				
---	INITIAL	A	SECTION. VARIATION INDEX	CHK'D:	B. BARILONE		DATE:	UNIT ASSY LA100				
EK	LA100-PN003	C	[A] AA,BA,CA,RA,YA,ZA, AB,BB,CB,RB,YB,ZB				DATE:					
			[B]	DES.ENG.:	R. ROBICHAUD		DATE:					
			[C]	RESP.ENG.:	R. ROBICHAUD		DATE:	DOCUMENT NUMBER				
			[D]				DATE:	SIZE	CODE	NUMBER	REV	
			[E]	MPG.ENG.:	R. ROBICHAUD		DATE:	K	PL	LA100-0-DBP	C	
			[F]	ASSEMBLY NUMBER:			DATE:	TOP DOCUMENT NUMBER:		FILE NAME:	EDIT #	
				E-UA-LA100-0-0			DATE:	B-DD-LA100-0-0		LA100C.PLS	14	

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LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION													
				AA	BA	CA	RA	YA	ZA	AB	BB	CB	RB	YB	ZB		
31	31	E-AD-7017884-0-0	7017884-02	PRINTER MECH/COVER ASSY.	-	1	-	-	-	-	-	-	-	-	-	-	-
32	32	E-AD-7017884-0-0	7017884-03	PRINTER MECH/COVER ASSY.	-	-	-	-	-	-	-	1	-	-	-	-	-
33	33	E-AD-7017884-0-0	7017884-04	PRINTER MECH/COVER ASSY.	-	-	1	-	-	-	-	-	-	-	-	-	-
34	34	E-AD-7017884-0-0	7017884-05	PRINTER MECH/COVER ASSY.	-	-	-	-	-	-	-	-	1	-	-	-	-
35	35	E-AD-7017870-0-0	7017870-02	PRINTER MECH/COVER ASSY.	-	-	-	-	-	1	-	-	-	-	-	-	1
36	36	E-AD-7017370-0-0	7017870-03	PRINTER MECH/COVER ASSY.	-	-	-	-	-	-	-	-	-	-	-	-	1
37	37		3617615-01	LABEL, CAUTION REPLACE FUSE	1	1	1	1	1	1	1	1	1	1	1	1	1

38 NOTE: 1. WHEN ITEMS 8 THRU 13 ARE FACTORY INSTALLED, THEIR PACKAGING WILL NOT BE INCLUDED.

D	I	G	I	T	A	L	TITLE	UNIT ASSY LA100	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	LA100-0-DBP	C

8

A | D | L | A | 100-0-2

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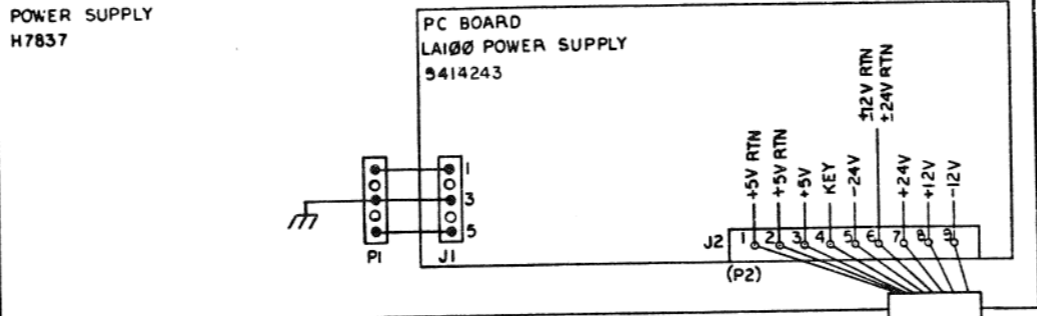
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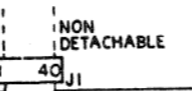
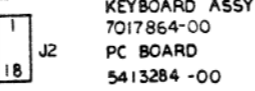
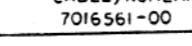
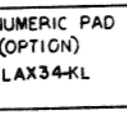
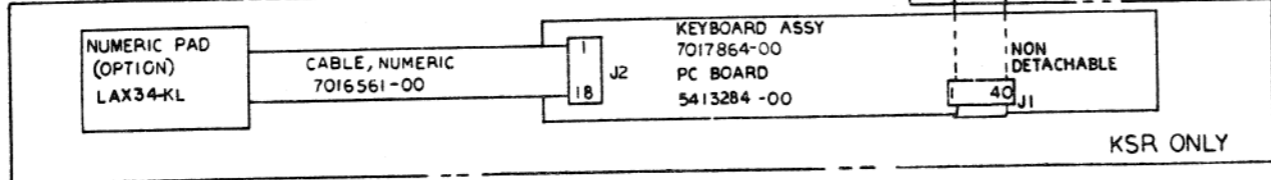
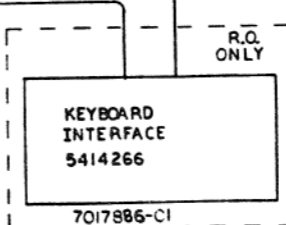
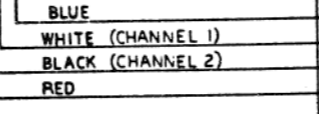
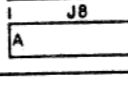
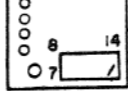
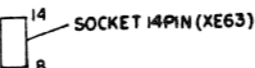
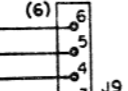
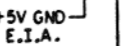
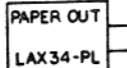
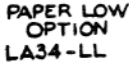
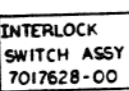
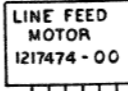
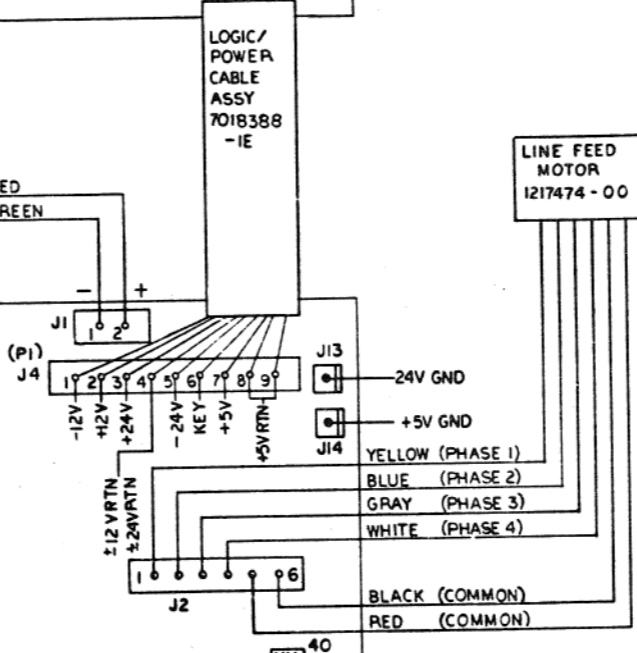
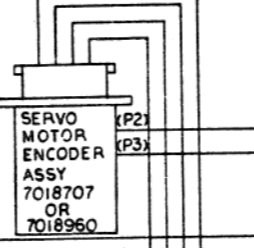
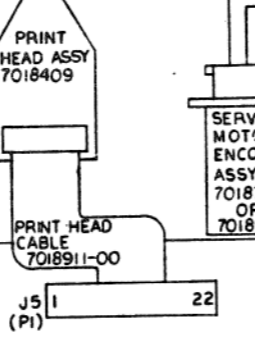
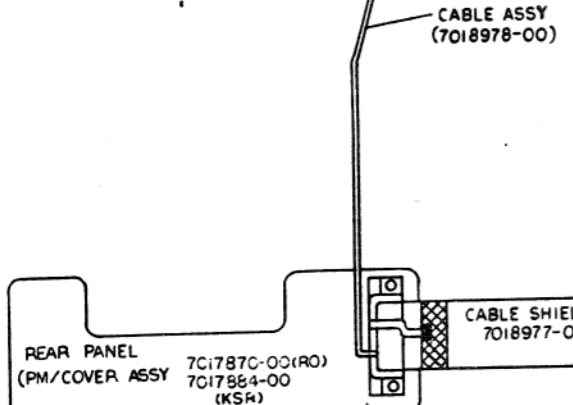
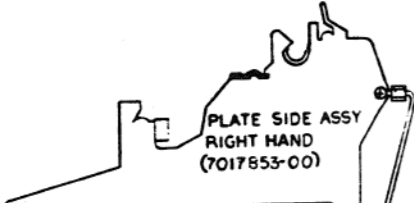
LAST PCA X04

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POWER CORD 1700083-11
SEE NOTE 1
DETACHABLE AT REAR PANEL



- NOTES:
1. THE FOLLOWING POWER CORDS TO BE USED DEPENDING ON COUNTRY OF USAGE.
- USA (115) _____ 1700083-11
 - USA (230) _____ 1700083-12
 - UK _____ 1700209-01
 - CONTINENTAL EUROPE (SCHUKO) _____ 1700299-02
 - SWITZERLAND _____ 1700210-01
 - AUSTRALIA _____ 1700138-01



REVISION HISTORY	REV	INITIAL	A

DESIGNER G. GRAVES	DATE 27 JAN 83	TITLE digital
CHKD BY E. J. Neal	DATE 7 June '82	INTERCONNECTION DIAGRAM
DESIGN E. J. Neal	DATE 7 June '82	DOCUMENT NUMBER D C L A 100 - 0 - 2
HELP ENG E. J. Neal	DATE 7 June '82	SCALE B-DD-LA100-0
REV ENG E. J. Neal	DATE 7 June '82	SHEET 1 OF 1

8

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1

DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS																			
				*	*	*																	
			MODULE REVISION	*	*	*																	
B-DD-5413284-0	1		LA34 KEYBOARD MODULE	*	A	B																	
D-UA-5413284-0-0	3		LA34 KEYBOARD MODULE	D	E	F																	
D-MD-5013283-0-0	4		DRILL & ETCH DRAWING	D	D	D																	
D-CS-5413284-0-1	1		LA34 KEYBOARD MODULE	D	E	F																	
		5013283	ETCHED BOARD	E	E	E																	
K-PL-5413284-0-DBP	-		PARTS LIST DATA BASE(5413284)	D	E	F																	
K-PC-5413284-0-DBG	-		P.C. DESIGN DATA BASE (5413284)	A	A	A																	

NOTES:

REVISIONS		DATE	CHG NO.	REV.
	ORIG			-
	PN-001	NOV		A
	PN-002	OCT		B

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USED ON OPTION/MODEL	DRN. P. BOSSMAN	7/7/78	TITLE
LA34	CHK'D <i>P. Bossman</i>	10 Jul 78	LA34 KEYBOARD MODULE
	ENG. <i>B. Donohue</i>	10 Aug 78	SIZE CODE
	PROD. <i>L. Lohman</i>	8/10/78	B DD
			NUMBER
			5413284-0
			REV.
			B
			SHEET 1 OF 1

8

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1

0 5413234-0-0

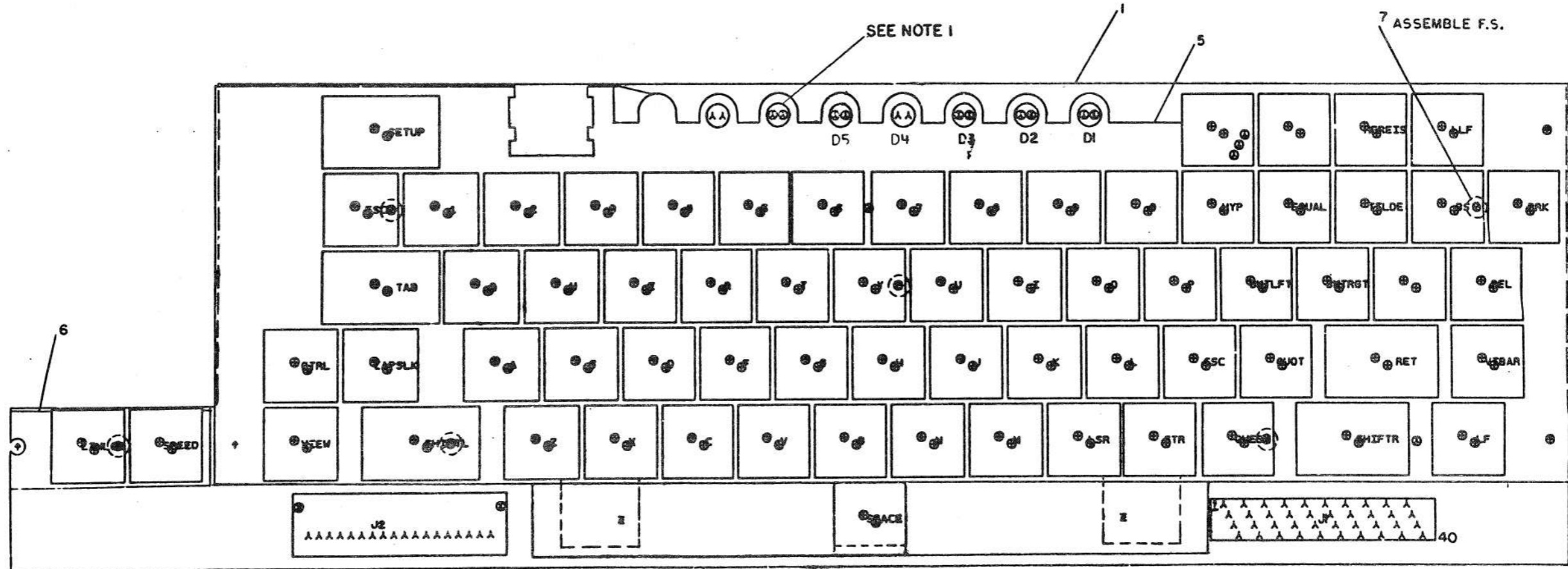
THIS DRAWING IS UNCLASSIFIED, DATE 11/19/01 BY 60322 UCBAW/DK/STP

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EXCEPT AS NOTED, ALL RIGHTS ARE RESERVED.

COMPONENT SIDE VIEW



SEE NOTE 1

7 ASSEMBLE F.S.

NOTES: 1. D5 AND D7 ARE NOT USED.

DATE	digital
TITLE	LA 34 KEYBOARD MOD
NUMBER	5413234-0-0

8

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1 MS#16010

14

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6

5

4

3

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©1978

L1

5013203E 5413204

SIDE 1

digital

1 18 J2

D7 D6 D5 D4 D3 D2 D1

CSABCDEFGHIJ
40 J1

L1

5013203E 5413204

SIDE 1

digital

1 18 J2

D7 D6 D5 D4 D3 D2 D1

CSABCDEFGHIJ
40 J1

TITLE	LA34 KEYBOARD MODULE	SIZE CODE	D JA	NUMBER	5413284-0-0	REV	F
SCALE	2/1	SHEET	2 of 3	DIST			

8

7

6

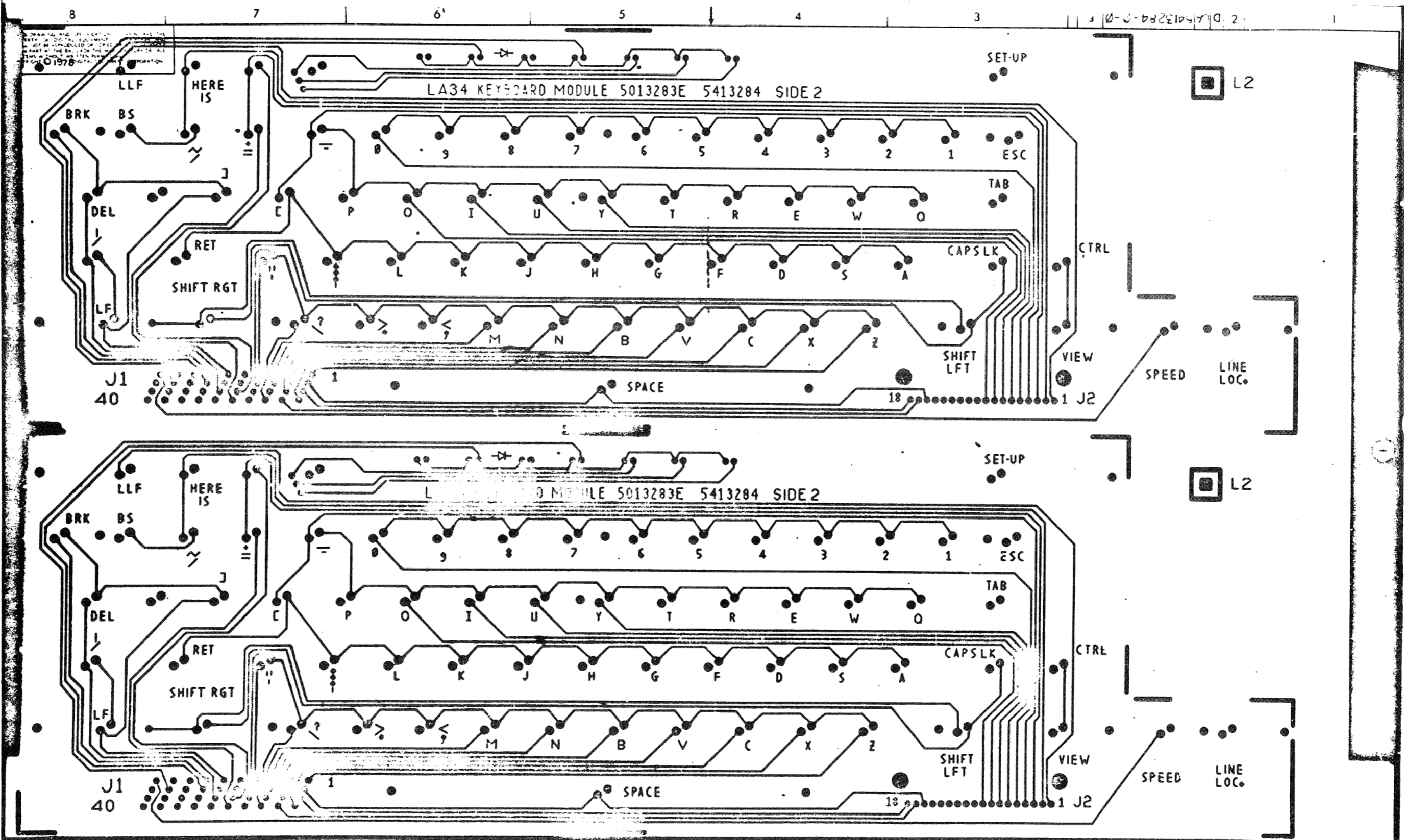
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4

3

2

1



REV		NUMBER		SCALE		SHEET		TITLE	
F		5413284-0-0		2/1		3 OF 3		LA34 KEYBOARD MODULE	
DUA		REV		SHEET		TITLE		NUMBER	
REV		REV		SHEET		TITLE		NUMBER	

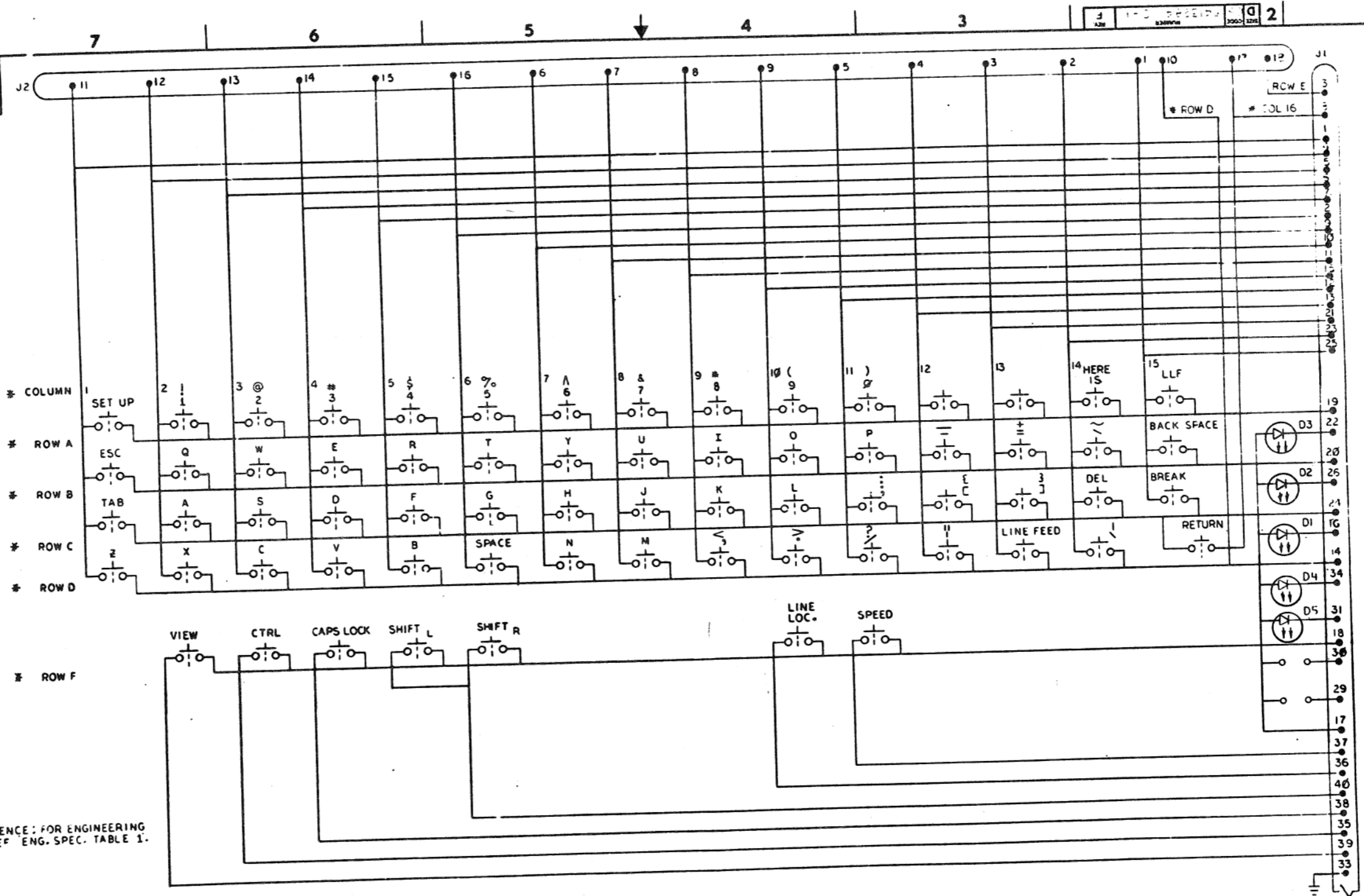
21

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
					00	
1	1		5013283-00	ETCH BOARD FOR 5413284	1	
2	2		1110864-00	LED 2MCD@10MA	5	D1-D5
3	3		121073-00	CONN 40POS INSUL PIERCING	1	J1
4	4		1215324-01	CONN 18POS GOLD PLATED	1	J2
5	5		7013910-00	KEYBOARD ARRAY ASSY	1	
6	6		7015527-00	OPERATOR SWITCH ASSY	1	
7	7		9010033-00	SCREW,PAN,PHILLIPS, 4-24 X 3/8	6	

REVISION HISTORY		BASIC PART NO: 5413284		DRN:	M, RIPLEY	DATE: 17-MAY-78	DIGITAL		
ENG:	ECO NUMBER	REV	SECTION A OF A				TITLE	PARTS LIST	
INIT	ID		SECTION VARIATION INDEX	CHK'D:	B, DONOHUE	DATE: 22-JUN-78	LA34 KEYBOARD MODULE		
LG	5413284-PN001	E	[A] 00						
EK	5413284-PN002	F	[B]	DES, ENG:	B, DONOHUE	DATE: 22-JUN-78			
			[C]						
			[D]						
			[E]						
			[F]	RESP, ENG.:	B, DONOHUE	DATE: 22-JUN-78			
			[H]						
			[J]						
			[K]	MFG, ENG.:	L, MION	DATE: 22-JUN-78	K	PL	5413284-0-DBP
			[L]						
			[M]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:	EDIT
			[N]	ID-UA-5413284-0-0		LA34		13284F.PLS	16

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NOTE:
1. * REFERENCE FOR ENGINEERING USE, SEE ENG. SPEC. TABLE 1.

REV.	DATE	BY	CHK'D	APP'D
7	7/14/75	J. BYTTO		
6				
5				
4				
3				
2				
1				

DRN: <i>[Signature]</i>	FIRST USED ON: LA34	digital
CHK'D: <i>[Signature]</i>	TITLE: LA34	
ENG. P. <i>[Signature]</i>	KEYBOARD MODULE	
PROJ. ENG. <i>[Signature]</i>		
PROD. <i>[Signature]</i>		
NEXT HIGHER ASSY:	SIZE CODE: D	NUMBER: CS 5413284-0-1
D-BB-5413284-0	SCALE: →	REV. F
SHEET 1 OF 1	DIST.	

DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS															
				A	B	C	D												
		5414266-00	KEYBOARD INTERFACE	A	B	C	D												
D-UA-5414266-0-0	1		KEYBOARD INTERFACE	A	B	C	D												
D-CS-5414266-0-1	1		KEYBOARD INTERFACE	A	B	C	D												
K-PL-5414266-0-DBP	1		KEYBOARD INTERFACE	A	B	C	D												
K-PC-5414266-0-DBG			P.C. DESIGN DATA BASE	A	A	A	A												
		5014265-00	P.C. BOARD	D	D	D	D												
D-MD-5014265-0-0	3		DRILL & ETCH DRAWING	D	D	D	D												
D-EC-5014265-0-0	2		ETCH CUT DRAWING	A	A	A	A												

NOTES:

REVISIONS		DATE	CHG NO.	REV.	A	B	C	D									
	ORIG	5-82	PN001	B													
		6-82	PN002	C													
		8-82	PN003	D													

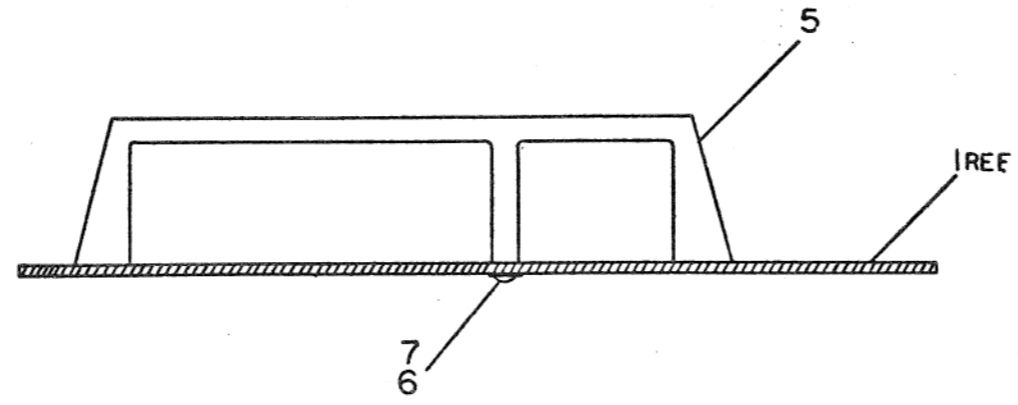
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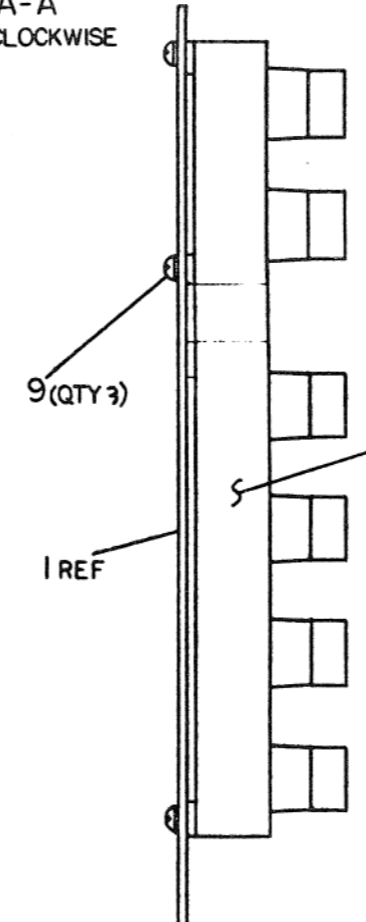
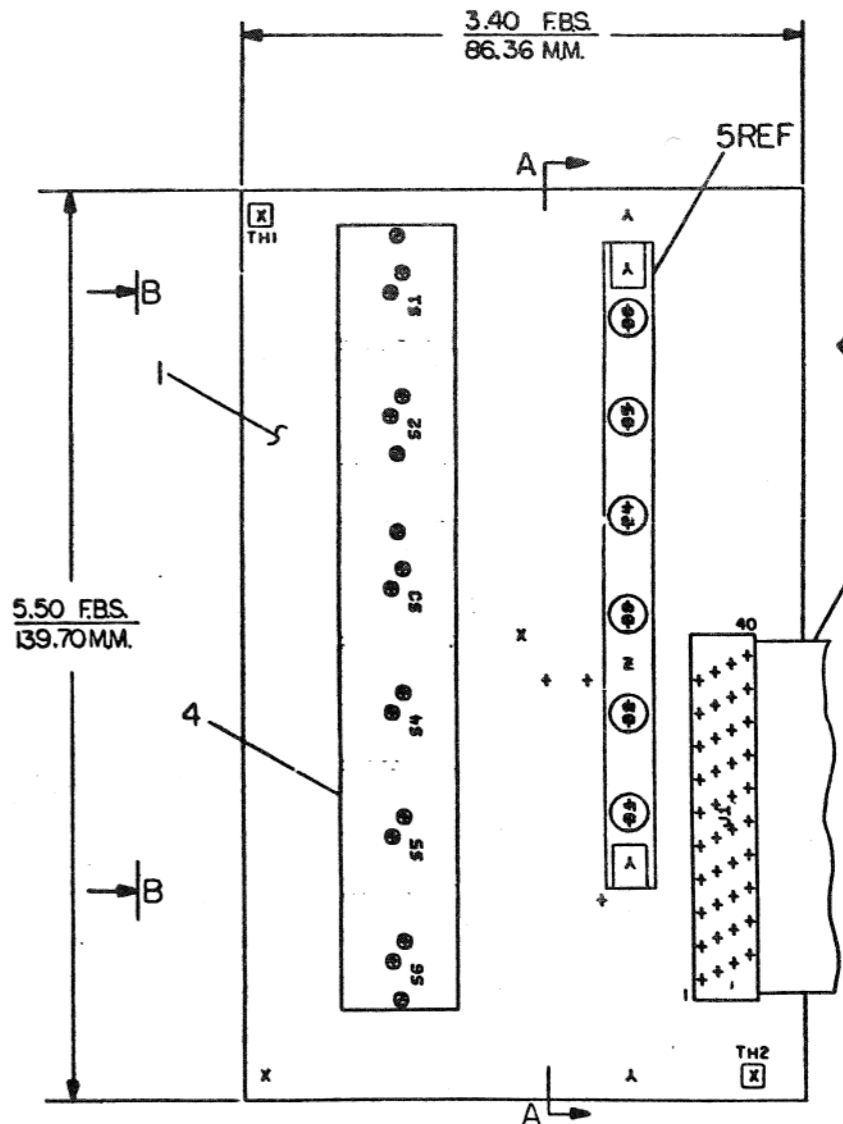
USED ON OPTION/MODEL	DRN. R. KOPPENAL	13DEC79	TITLE
LA24	CHK'D R. KOPPENAL	14DEC79	KEYBOARD INTERFACE
	ENG. Y. GARGE	25JUL80	SIZE B DD NUMBER 5414266-0
	PROD. J. HUTCHINS	25JUL80	REV. D SHEET 1 OF 1

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COMPONENT SIDE VIEW



SECTION A-A
ROTATED 90° COUNTERCLOCKWISE



VIEW B-B

CAUTION: OFF SHEET PARTS LIST EXISTS
SEE K-PL-5414266-0-DBP

NOTES:

STEP 1	↑ Y AXIS 5.625	STEP 1 TIMES
REPEAT	→ X AXIS 3.500	STEP 2 TIMES

CHANGE NO.	REV.	DATE	BY	CHK'D.	DATE
1	C	11/22/80			
2	D	11/22/80			
3	E	11/22/80			
4	F	11/22/80			

ETCH REV. D

SIGNATURES		DATE	digital
DRN. <i>[Signature]</i>		11/22/80	
CHK'D. <i>[Signature]</i>		11/22/80	TITLE KEYBOARD INTERFACE
MECH. ENG. <i>[Signature]</i>		11/22/80	
PROJ. ENG. <i>[Signature]</i>		11/22/80	SIZE CODE NUMBER REV
PROD. <i>[Signature]</i>		11/22/80	
SCALE 2:1			D U A 5414266-0-0 2
SHT. 1 OF 1			
NEXT HIGHER ASSY. B-DD-5414266-0			

AUTOMATED BY PRTLST.3L(40)

PARTS LIST

SHEET A1 OF A1

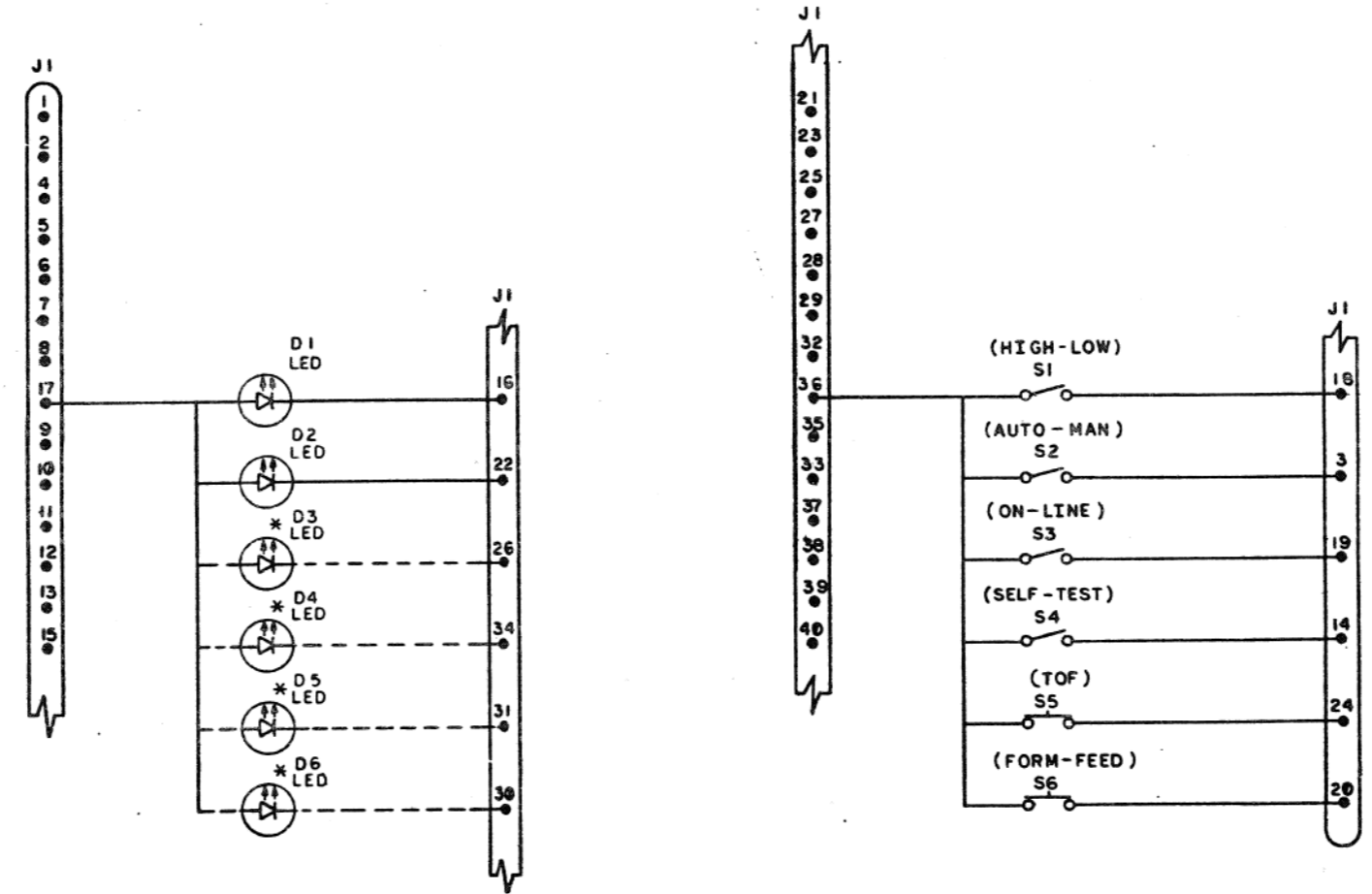
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
1	1	D-MD-5014265-0-0	5014265-00	DRILL AND ETCH BRD.	1	
2	2	D-IA-7017455-0-0	7017455-1D	CABLE, KEYBOARD ASSY 16"	1	
3	3		1110864-00	LED 2MCD@10MA	6	D1-D6
4	4	D-PS-1218612-0-0	1218612-00	SW,ARRAY,6SW	1	
5	5	D-MD-7423970-0-0	7423970-00	GUIDE, L.E.D.	1	
6	6		9010382-01	SCREW, PAN PHIL THD CT 2-	1	
7	7		9009623-00	WASHER,FLAT NYLON	1	
8	8		1217787-00	*** THIS ITEM IS NOT USED ***	-	
9	9		9010033-00	SCREW,TAP PAN PHIL THD CT 4-	3	

REVISION HISTORY			BASIC PART NO: 5414266		DRN:	DAVE DROZD	DATE:	17-DEC-79	D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A	OF A	CHK'D:	KENT GLEEZEN	DATE:	17-DEC-79	TITLE PARTS LIST			
	INITIAL	A	SECTION VARIATION INDEX						KEY BOARD INTERFACE			
JD	5414266-PN001	B	[A]	00					DOCUMENT NUMBER			
NG	5414266-PN002	C	[B]		DES.ENG:	YASH GARGE	DATE:	24-JUL-80	SIZE CODE NUMBER REV			
NG	5414266-PN003	D	[C]		RESP.ENG.:	YASH GARGE	DATE:	24-JUL-80	K	PL	5414266-0-DBP	D
			[D]									
			[E]		ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:	EDIT #:				
			[F]		D-UA-5414266-0-0	B-DD-5414266-0-0	Z4266D.PLS	21				
			[G]									
			[H]									
			[I]									
			[J]									
			[K]									
			[L]									
			[M]									
			[N]									

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NOTE:
 1. * D3 THRU D6 ARE OPTIONAL DIODES.
 2. S1, S2, S3, S4 ARE LOCKING SWITCHES S5, S6 ARE MOMENTARY.



REV.	CHANGE NO.	DATE	BY	REASON
B	1	11-18-82	W. KING	REVISED
C	2	11-18-82	W. KING	REVISED
D	3	11-18-82	W. KING	REVISED
E	4	11-18-82	W. KING	REVISED
F	5	11-18-82	W. KING	REVISED
G	6	11-18-82	W. KING	REVISED
H	7	11-18-82	W. KING	REVISED
I	8	11-18-82	W. KING	REVISED
J	9	11-18-82	W. KING	REVISED
K	10	11-18-82	W. KING	REVISED
L	11	11-18-82	W. KING	REVISED
M	12	11-18-82	W. KING	REVISED
N	13	11-18-82	W. KING	REVISED
O	14	11-18-82	W. KING	REVISED
P	15	11-18-82	W. KING	REVISED
Q	16	11-18-82	W. KING	REVISED
R	17	11-18-82	W. KING	REVISED
S	18	11-18-82	W. KING	REVISED
T	19	11-18-82	W. KING	REVISED
U	20	11-18-82	W. KING	REVISED
V	21	11-18-82	W. KING	REVISED
W	22	11-18-82	W. KING	REVISED
X	23	11-18-82	W. KING	REVISED
Y	24	11-18-82	W. KING	REVISED
Z	25	11-18-82	W. KING	REVISED
AA	26	11-18-82	W. KING	REVISED
AB	27	11-18-82	W. KING	REVISED
AC	28	11-18-82	W. KING	REVISED
AD	29	11-18-82	W. KING	REVISED
AE	30	11-18-82	W. KING	REVISED
AF	31	11-18-82	W. KING	REVISED
AG	32	11-18-82	W. KING	REVISED
AH	33	11-18-82	W. KING	REVISED
AI	34	11-18-82	W. KING	REVISED
AJ	35	11-18-82	W. KING	REVISED
AK	36	11-18-82	W. KING	REVISED
AL	37	11-18-82	W. KING	REVISED
AM	38	11-18-82	W. KING	REVISED
AN	39	11-18-82	W. KING	REVISED
AO	40	11-18-82	W. KING	REVISED

DRN	7/21/80	FIRST USED ON	digital
CHK'D	11/18/82	DATE	11-18-82
ENG.	W. KING	TITLE	KEYBOARD INTERFACE
PROJ. ENG.	W. KING	NUMBER	5414266-0-1
PROD.	W. KING	REV.	D
NEXT HIGHER ASSY.		SIZE	D
B-20-5-1-260-0		DIST.	
SCALE			
SHEET 1 OF 1			

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DRAWING DIRECTORY

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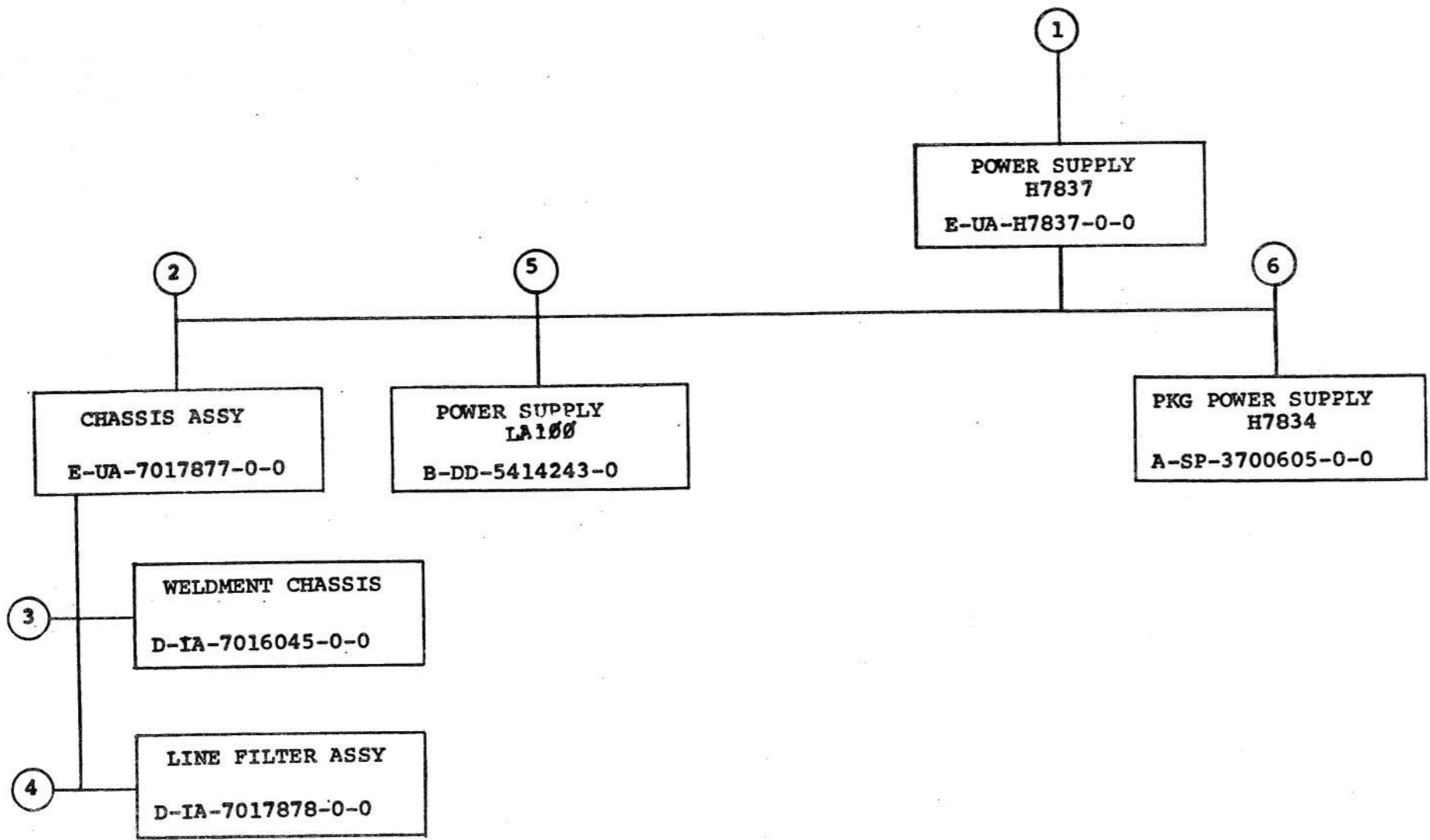
FOR FIELD MAINTENANCE PRINT SET
REFER TO B-TC-H7837-0-1

UNIT VARIATIONS

VAR	TITLE
H7837	POWER SUPPLY H7837

REVISIONS CHANGE NO. INITIAL REV. A	A	USED ON OPTION/MODEL	DRN. PETER FAVINI	DATE 7-11-80	TITLE POWER SUPPLY H7837					digital
		H7837 L.A. 100	CHK'D. <i>F. Halliday</i>	DATE 7/20/81						
			PROJ. ENG. <i>Bob...</i>	DATE 2/24/81	SIZE B	CODE DD	NUMBER H7837-0		REV A	
				PROJ. <i>J. Williams</i>	DATE 12/2/81					
			SHEET 1 OF 3							

DRB 106A



TITLE	SHEET	SIZE	CODE	NUMBER	REV
POWER SUPPLY H7837	2 OF 3	B	DD	H7837-0	A

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
1	MP01068	FIELD MAINTENANCE PRINT SET (MP)	REF	6	A-SP-3700605-0-0	PKG POWER SUPPLY H7834	REF
	B-TC-H7837-0-1	FIELD MAINTENANCE PRINT SET (TC_	REF				
	E-UA-H7837-0-0	POWER SUPPLY H7837	E/M				
	K-PL-H7837-0-DBP	POWER SUPPLY H7837 (PL)	E/M				
	A-SP-H7837-0-2	POWER SUPPLY H7837	REF				
	D-MD-7420755-0-0	COVER	M				
2	E-AD-7017877-0-0	CHASSIS ASSY	E/M				
	K-PL-7017877-0-DBP	CHASSIS ASSY	E/M				
3	D-IA-7016045-0-0	WELDMENT, CHASSIS	M				
	E-MD-7420756-0-0	CHASSIS	M				
	C-MD-7421431-0-0	INSERT, PERFORATED	M				
4	D-IA-7017878-0-0	LINE FILTER ASSY	E/M				
	K-PL-7017878-0-DBP	LINE FILTER ASSY	E/M				
5	B-DD-5414243-0	POWER SUPPLY LA100	E/M				

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



TITLE
POWER SUPPLY H7837

SHEET 3 OF 3

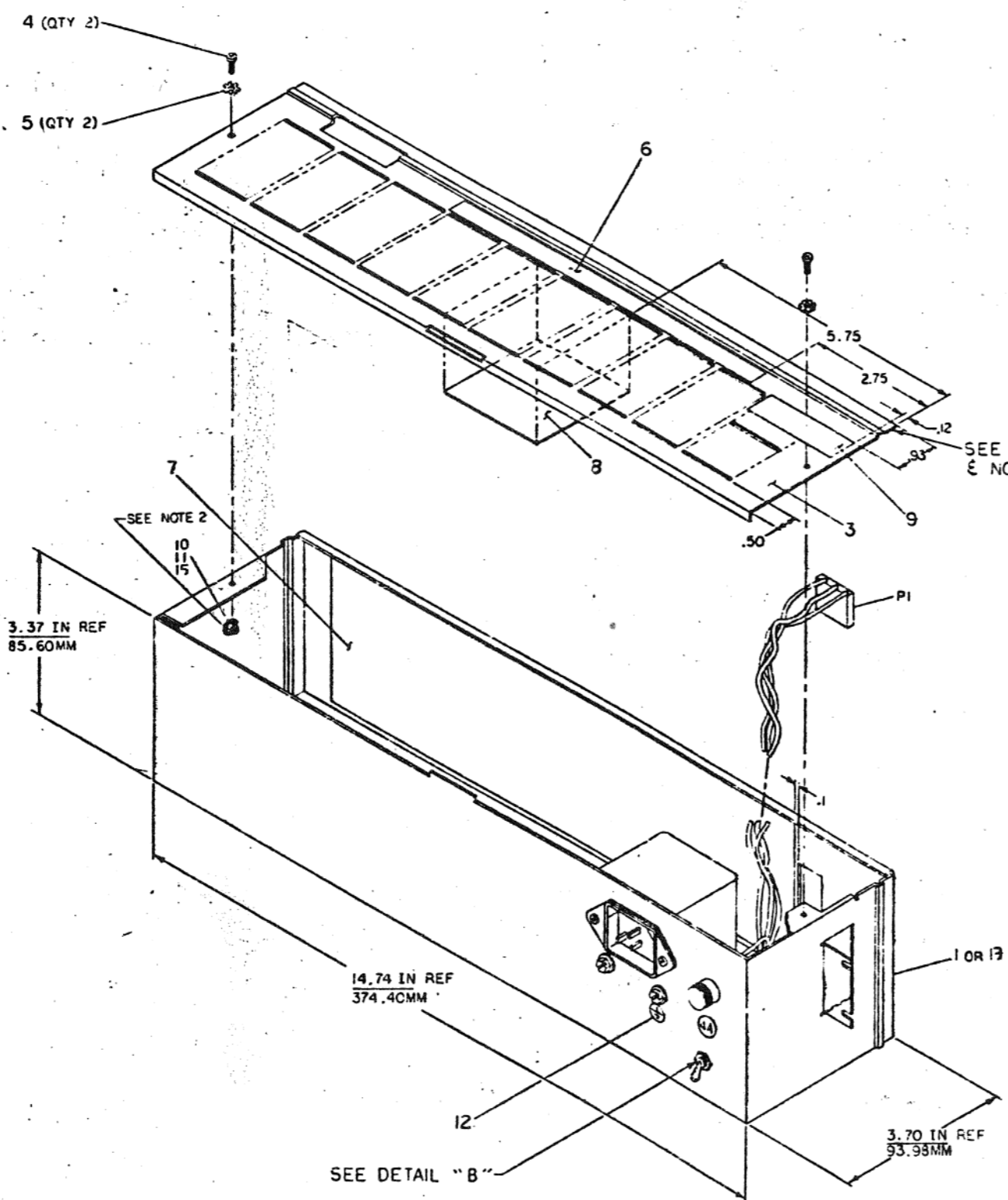
SIZE CODE
B DD

NUMBER
H7837-0

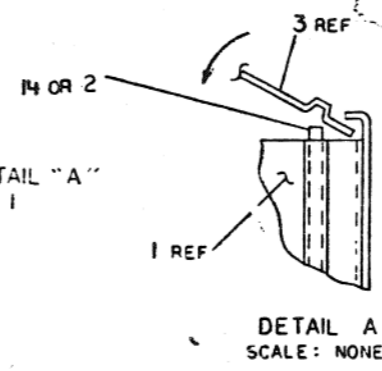
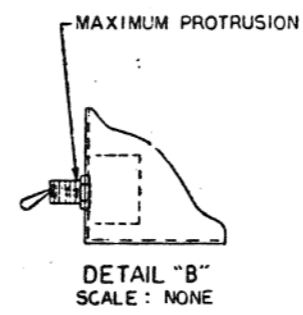
REV
A

1941 Patent, see patent documents

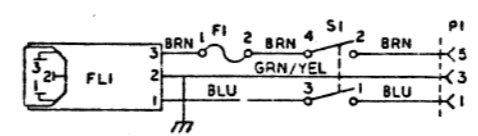
3 0-0-73921-2 2



NOTES:
 1 WHEN ASSEMBLING COVER TO CHASSIS, COVER MUST SLIP UNDER LIP ON CHASSIS AS SHOWN IN DETAIL "A".
 2 ATTACH GROUND LEAD FROM ITEM 2



SEE DETAIL "A" & NOTE 1



CAUTION: OFF SHEET PARTS LIST EXISTS ON K-PL-H7837-O-D6P

ITEM NO.	DESCRIPTION	QTY	UNIT	REF
1	CHASSIS	1	EA	12
2	GROUND LEAD	1	EA	P1
3	COVER	1	EA	6
4	SCREW	4	EA	4
5	SCREW	2	EA	5
6

INCHES	MILLIMETERS	APPLICABLE RANGE	TOLERANCE
0 - 1/16	0 - 1.5	±.005	
1/16 - 1/8	1.5 - 3.0	±.006	
1/8 - 3/16	3.0 - 4.5	±.007	
3/16 - 1/2	4.5 - 12.5	±.008	
1/2 - 3/4	12.5 - 19.0	±.009	
3/4 - 1	19.0 - 25.4	±.010	
1 - 1 1/2	25.4 - 38.1	±.012	
1 1/2 - 2	38.1 - 50.8	±.015	
2 - 3	50.8 - 76.2	±.020	
3 - 4	76.2 - 101.6	±.025	
4 - 6	101.6 - 152.4	±.030	

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

REMOVE BURRS AND BREAK SHARP CORNERS

DATE: 11/2/61

TITLE: POWER SUPPLY

UA H7837

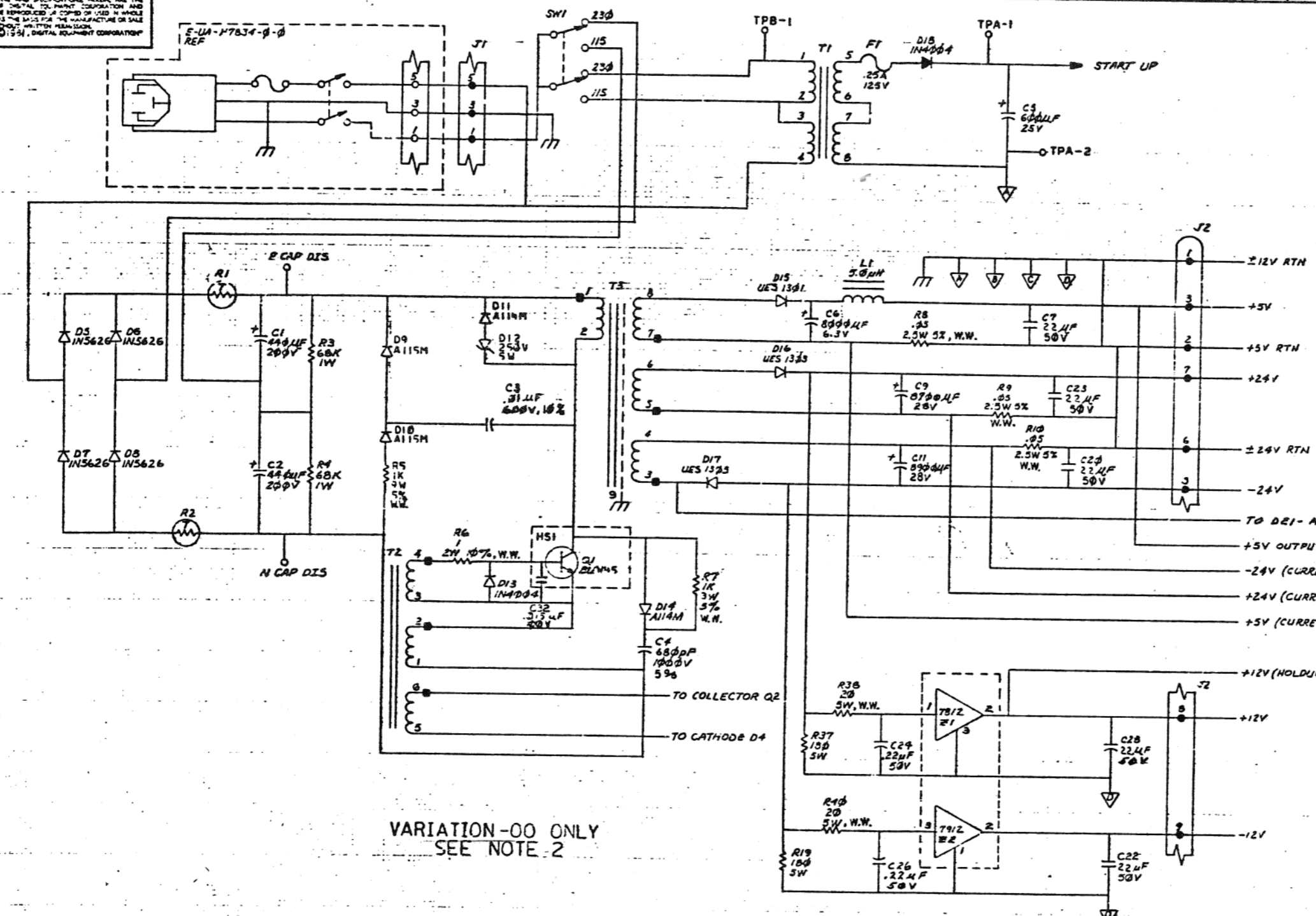
LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION	
				00	AA
1	E-AD-7017877-0-0	7017877-00	CHASSIS ASSY.	1	-
2	D-UA-5414243-0-0	5414243-00	POWER SUPPLY LA100	1	-
3	D-MD-7420755-0-0	7420755-00	COVER	1	1
4		9006418-01	SCREW,TAP PAN PHIL THD RL 8-	2	2
5		9008151-00	WASHER,LOCK EXTERNAL STEEL	2	2
6	A-PS-3618294-0-0	3618294-01	LABEL,DANGER HIGH VOLTAGE	1	1
7	A-PS-3617973-0-0	3617973-01	LABEL,INSULATOR ADH. 11.5 X 3.2	1	1
8	A-PS-3617973-0-0	3617973-02	LABEL,INSULATOR ADH. 2.25X 3.25	1	1
9	A-PS-3616157-0-0	3616157-00	LABEL,CORRECT VOLTAGE SETTING,CA	1	1
10		9006563-00	NUT,HEX EXT TOOTH LCKWSHR 8-32	1	1
11		9009988-08	SCREW,SEMS HEX SLOT 8-	1	1
12		3612680-00	DECAL, GROUND SIGN PER 3E6 *	1	1
13		7017877-01	CHASSIS ASSY	-	1
14		5414243-01	POWER SUPPLY	-	1
15		9008072-00	WASHER,LOCK EXTERNAL STEEL	1	1

REVISION HISTORY		BASIC PART NO: H7837		DRN:	J. NELSON	DATE:	30-JUN-83	D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D:	L. GILBERT	DATE:	30-JUN-83	TITLE PARTS LIST			
	INITIAL	A	SECTION. VARIATION INDEX					POWER SUPPLY H7837 H7837			
ING	H7837-PN001	B	[A] 00,AA	DES.ENG.:	A. ADAMSKI	DATE:	30-JUN-83	DOCUMENT NUMBER			
EK	H7837-PN004	C		RESP.ENG.:	A. ADAMSKI	DATE:	30-JUN-83	SIZE	CODE	NUMBER	REV
EK	H7837-PN005	D	[B]	MFG.ENG.:	J. MCSHANE	DATE:	30-JUN-83	K	PL	H7837-0-DBP	F
EK	H7837-PN006	E	[C]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #	
EK	H7837-PN007	F	[D]	E-UA-H7837-0-0		B-DD-H7837-0-0		Z7837F.PLS		7	
			[E]								
			[F]								

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NOTES
 1. UNLESS OTHERWISE SPECIFIED ALL RESISTORS ARE 1/4W, 5%.
 2. FOR VARIATION -00 SEE SHEETS 1 AND 2. FOR VARIATION -01 SEE SHEETS 2 AND 3.



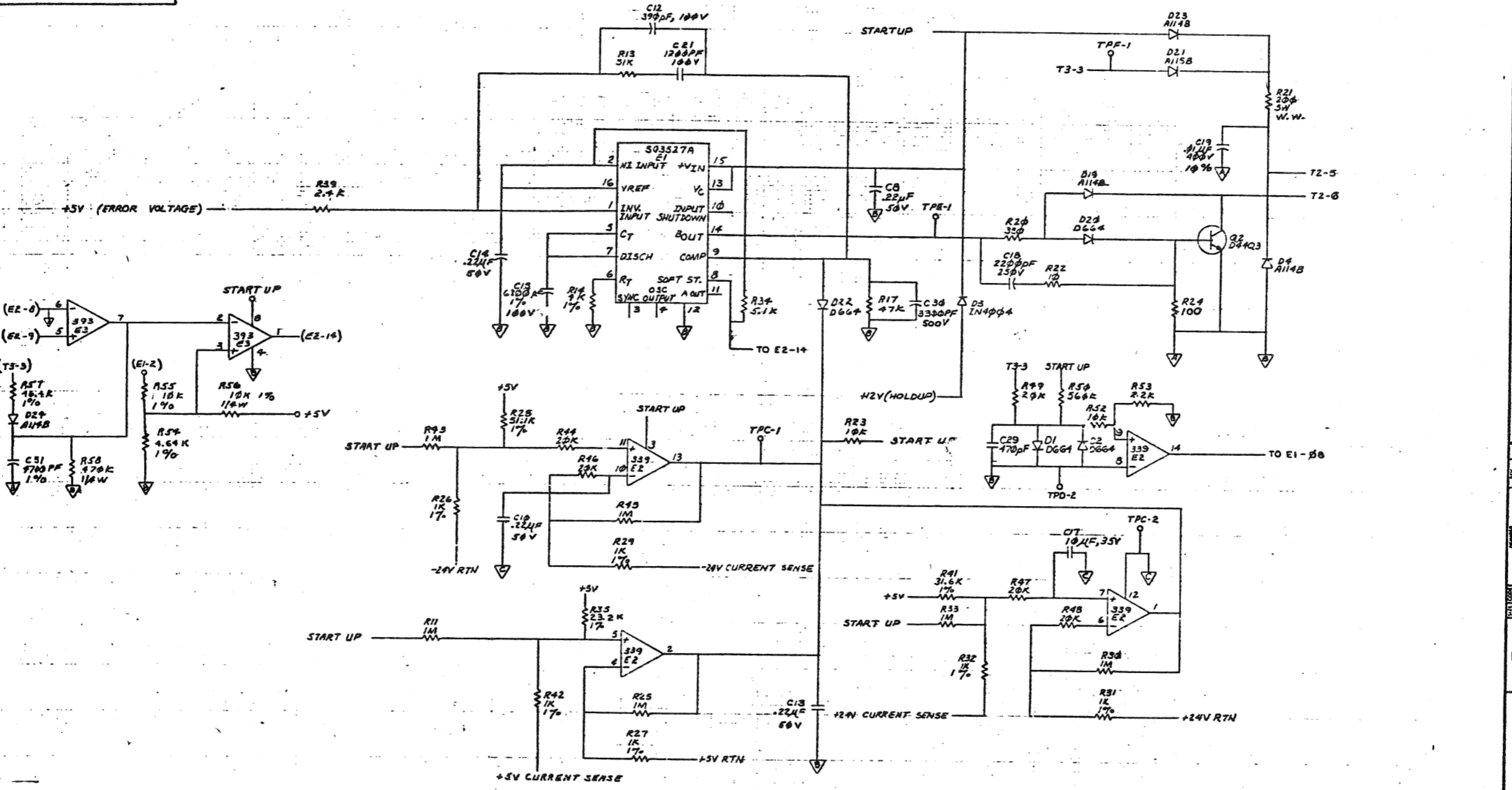
VARIATION -00 ONLY
 SEE NOTE 2

REV	DATE	BY	CHKD	DESCRIPTION
1	5-12-71	ALAN ADAMS		INITIAL DESIGN
2	5-12-71	F. KING		REVISED FOR MANUFACTURE
3	5-12-71	F. KING		REVISED FOR MANUFACTURE
4	5-12-71	F. KING		REVISED FOR MANUFACTURE
5	5-12-71	F. KING		REVISED FOR MANUFACTURE
6	5-12-71	F. KING		REVISED FOR MANUFACTURE
7	5-12-71	F. KING		REVISED FOR MANUFACTURE
8	5-12-71	F. KING		REVISED FOR MANUFACTURE

DRN/	544243-2	FIRST USED ON	L4100
CHK'D		TITLE	L4100 POWER SUPPLY
ENGR		SCALE	D 544243-2-1
PROJECT		SHEET	1 OF 3
DATE		DIST.	

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D 5414243-0-1



FOR VARIATION -00 AND -01
SEE NOTE 2

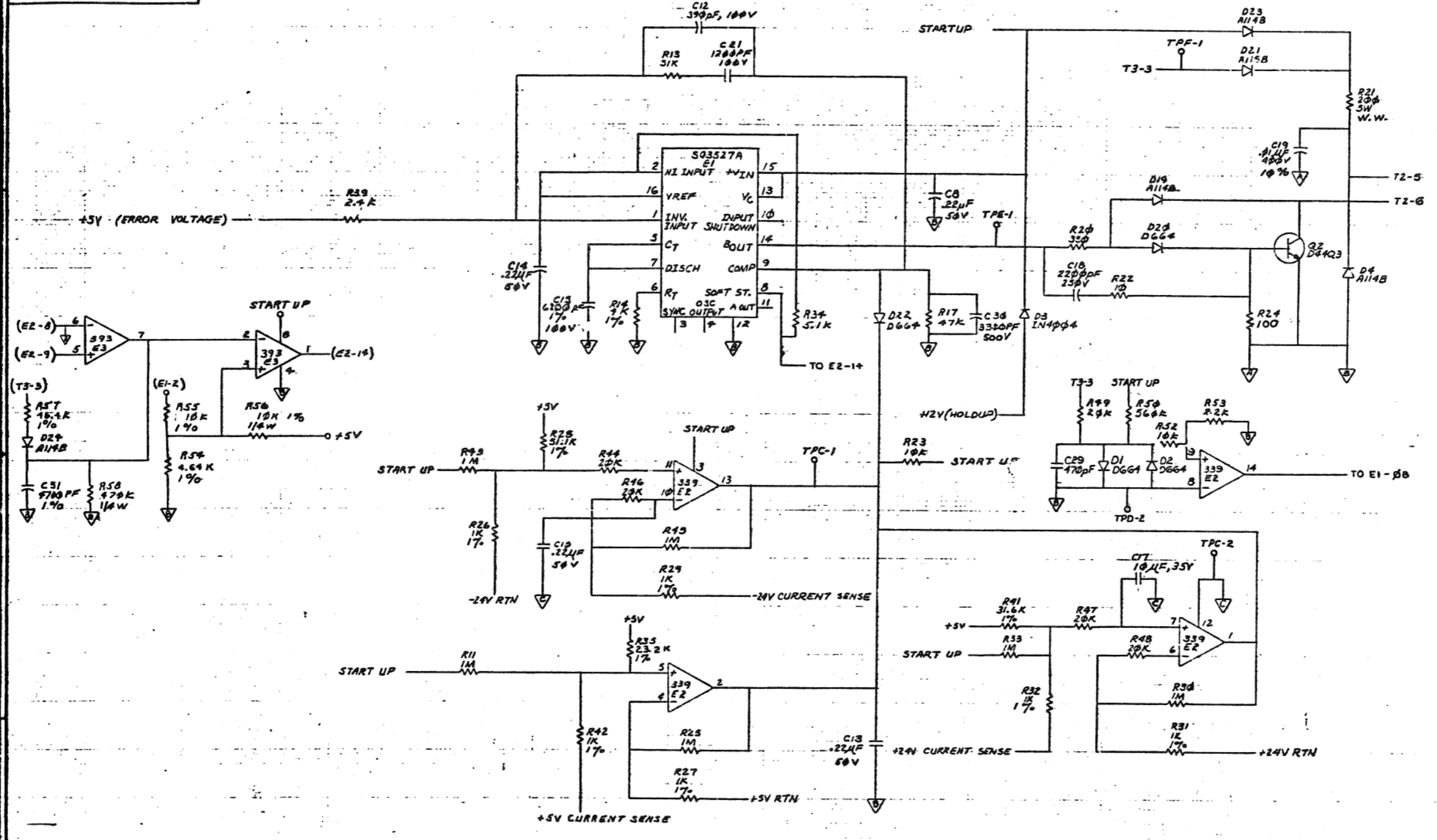
REV.	CHANGE NO.	REV.

REV.	NUMBER	SIZE CODE	TITLE
F	5414243-0-1	DCS	LA100 POWER SUPPLY

SHEET	OF	D-ST.
2	3	

34

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FOR VARIATION -00 AND -01
SEE NOTE 2

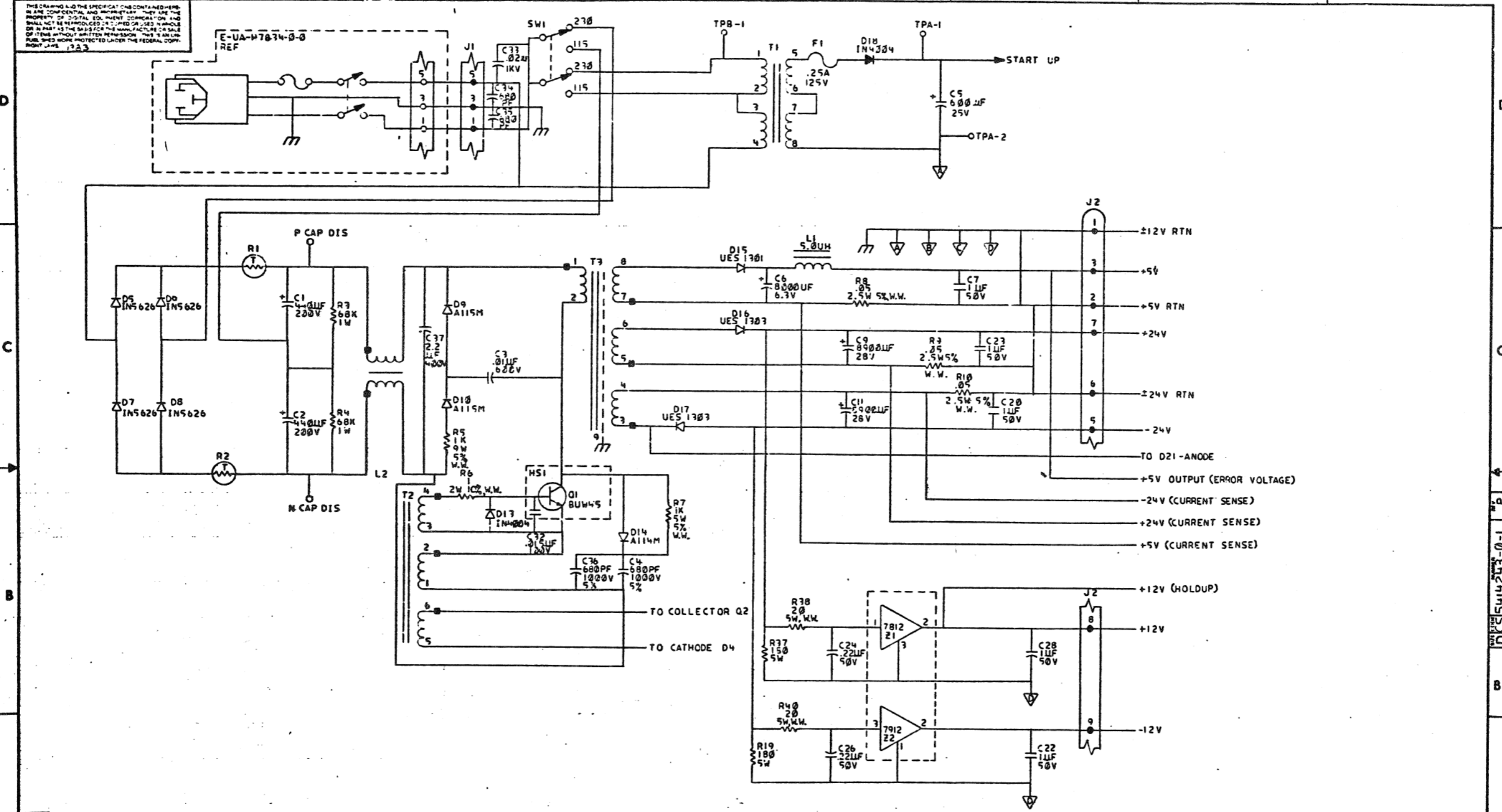
REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	LA100 POWER SUPPLY	SIZE CODE	D CS	NUMBER	5414243-0-1	REV.	
SCALE		SHEET	2 OF 3	DIST.			

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1-0-ehzhhs53d

E-UA-47874-0-0 REF



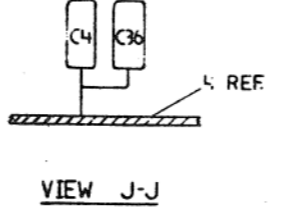
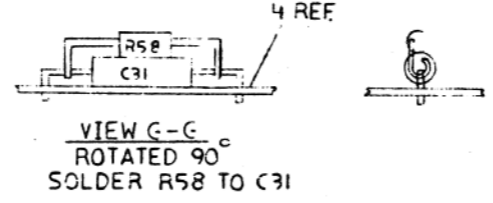
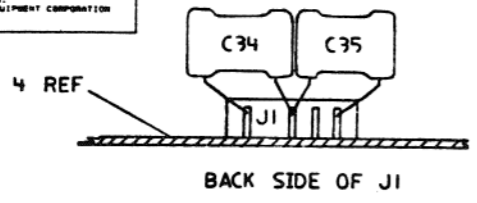
VARIATION 01

REVISION HISTORY		
REV	ECO NUMBER	DATE

TITLE
LA100 POWER SUPPLY

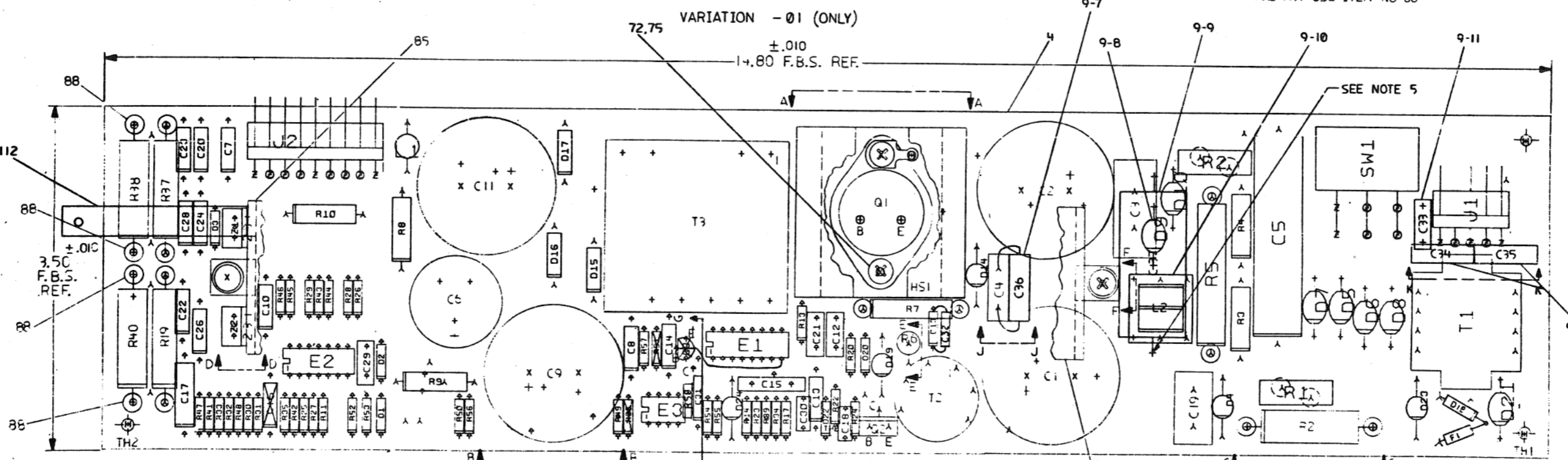
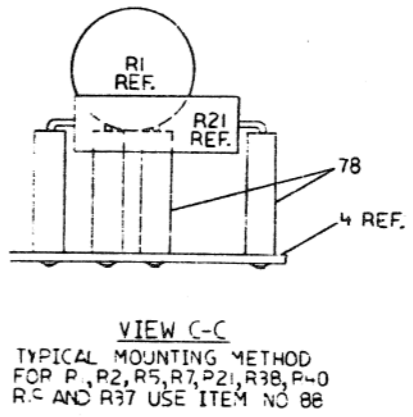
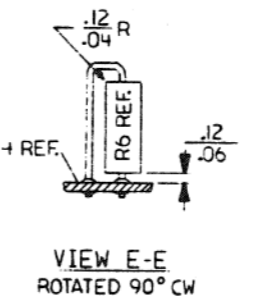
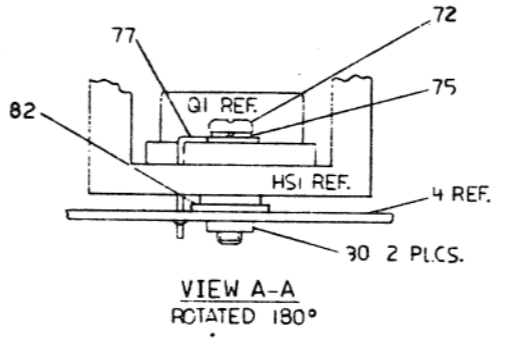
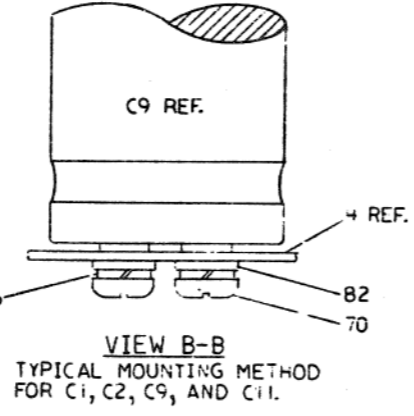
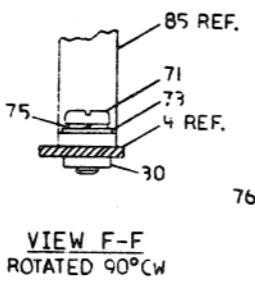
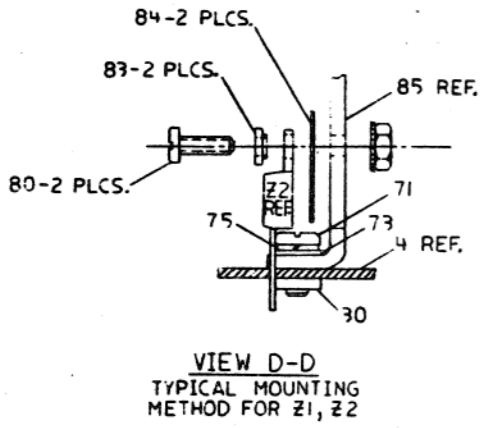
DOCUMENT NUMBER		
SIZE CODE	NUMBER	REV
DCS	5414243-0-1	P
SCALE		SHEET 3 OF 3

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COMPONENT SIDE VIEW

- NOTES
- THE LEAD ON CAP C32 NEARER THE Q1 HEAT SINK MUST BE SLEEVED AND AS FAR FROM THE SINK AS POSSIBLE.
 - HAND DRILL .067 DIA. HOLE 6 PLACES AS SHOWN ON MD DRAWING.



NOTES: 1. THIS BOARD MEETS REQUIREMENTS FOR TYPE...
 2. INSTALL ALL ITEMS NO. 88 BEFORE...
 3. DELETE R51, R35 & G3. ADD WIRE FROM BASE OF Q1 TO PIN 5.
 CONTINUED NOTES ZONE D2
 STEP 1 → Y AXIS 2 TIMES
 REPEAT → X AXIS 2 TIMES

CHANGE NO	REV	DESCRIPTION
1	A	INITIAL
2	B	PL 001
3	C	4-2-64
4	D	LED KING
5	E	4-2-64
6	F	LED KING
7	G	4-2-64
8	H	LED KING
9	I	4-2-64
10	J	LED KING
11	K	4-2-64
12	L	LED KING
13	M	4-2-64
14	N	LED KING
15	O	4-2-64
16	P	LED KING
17	Q	4-2-64
18	R	LED KING
19	S	4-2-64
20	T	LED KING
21	U	4-2-64
22	V	LED KING
23	W	4-2-64
24	X	LED KING
25	Y	4-2-64
26	Z	LED KING

ETCH REV. F

SIGNATURES	DATE
DRN.	
CHK'D	
MECH. ENG.	
PROJ. ENG.	
PROD.	

TITLE: L-100 POWER SUPPLY
 SCALE: 2 OF 2
 SMT. 1 OF 2
 NEXT HIGHER ASSY. 3-00-4-2

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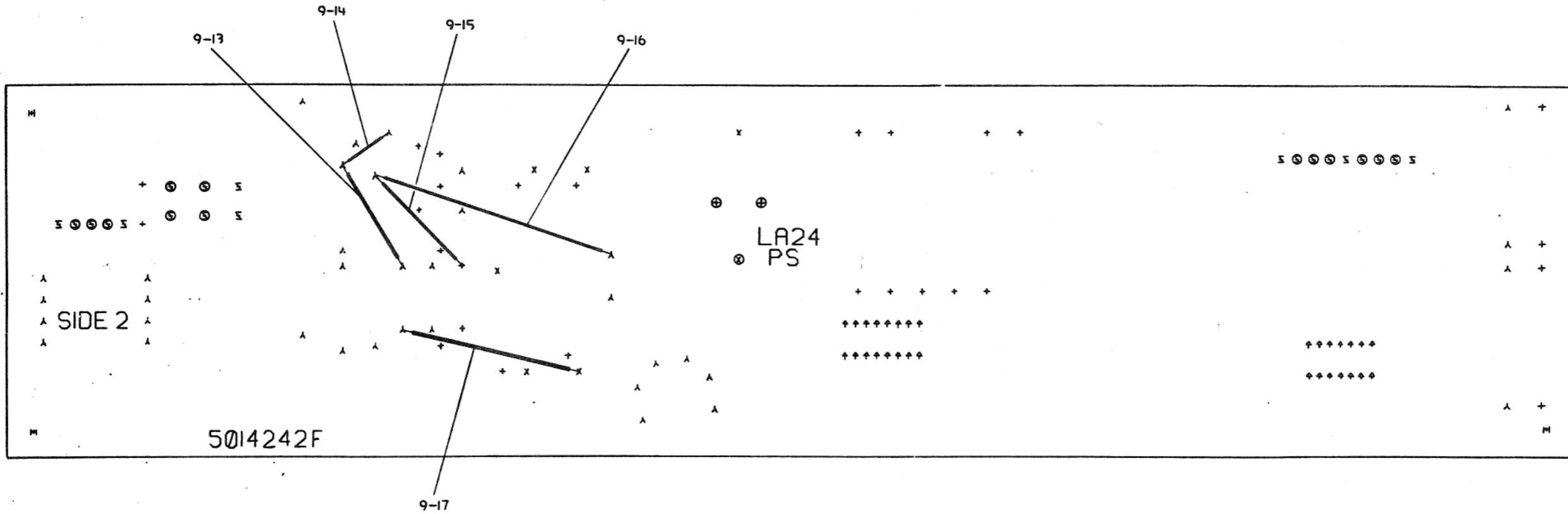
7 2-0-6h2h1h5 2

REWORK INSTRUCTIONS

ECO # 5414243 - PNO09
 SIDE 1 COMPONENT DELETES
 ZONE 3-B D11 AND D12

SIDE 1 COMPONENT ADDS
 9-7 ZONE 3-B ADD C36 IN PARALLEL WITH C4
 9-8 ZONE 3-B REMOVE D9 AND RELOCATE AS SHOWN
 9-9 ZONE 3-B ADD C37 INTO HOLES DRILLED ACCORDING TO UPDATED MD DRAWING
 9-10 ZONE 3-B ADD L2 INTO HOLES PREVIOUSLY USED FOR D9 AND D11
 9-11 ZONE 2-B ADD C33 INTO HOLES DRILLED ACCORDING TO UPDATED MD DRAWING
 9-12 ZONE 1-B ADD C34 AND C35 AS SHOWN

SIDE 2 WIRE ADDS
 9-13 FROM R4 TO PIN 2 OF L2
 9-14 FROM R4 TO ETCH LEADING TO NEGATIVE SIDE OF C2
 9-15 FROM R5 TO L2
 9-16 FROM R5 TO C4
 9-17 FROM L2 TO POSITIVE SIDE OF C1



HOLE DRAWING VIEWED FROM SIDE 2

REVISIONS		
CHK	CHANGE NO	REV.

TITLE	LA100 POWER SUPPLY	SIZE CODE	D UA	NUMBER	5414243-0-0	REV.	L
SCALE	2/1	SHEET	2 OF 2	DIST.			

D UA 5414243-0-0 L

38

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION		REFERENCE DESIGNATOR
				00	01	
1	4	5014242-00	D&E BRD	1	1	
2	5	1000024-00	470.0 MMF 100V 5%200PPM MICA	1	1	C29
3	6	1000055-00	2200.0 MMF 250V 20% Y5S DISC	1	1	C18
4	7	1001631-00	390.0 MMF 100V 5%200PPM MICA	1	1	C12
5	9	1002424-00	1200.0 MMF 100V 5%200PPM MICA	1	1	C21
6	10	1011847-01	.01 MFD 400V 10% POLYPROP	1	1	C19
7	11	1011847-02	.01 MFD 600V 10% POLYPROP	1	1	C3
8	12	1011849-01	600 MFD 25V +75-10% AL EL	1	1	C5
9	13	1013280-00	680.0 MMF 1000V 5%200PPM MICA	1	-	C4
		CONT		-	4	C4,C34,C35,C36
10	14	1013466-11	.22 MFD 50V +80-20% Z5U CER	11	-	C7,C8,C10,C13,C14,C20,C22,C23, CONT C24,C26,C28
		CONT		-	6	C8,C10,C13,C14,C14,C26
11	15	1018980-00	6800.0 MMF 100V 1% MICA	1	1	C15
12	16	1015466-00	8000 MFD 6.3V +75-10% AL EL	1	1	C6
13	17	1017354-00	440 MFD 200V +50-10% AL EL	2	2	C1,C2
14	18	1017355-00	8900 MFD 28V 20% AL EL	2	2	C9,C11
15	19	1100114-00	PIV= 25 IO=135 MA	4	4	D1,D2,D22,D20
16	20	1105796-00	PIV= 400 IO= 1.00A 1N4004 DO-41	3	3	D3,D18,D13
17	21	1112594-01	PIV= 200 IO= 3.00A	1	1	D21
18	22	1112594-02	PIV= 600 IO= 3.00A	2	2	D9,D10
19	23	1112595-01	PIV= 200 IO= 1.00A AXIAL	4	4	D4,D19,D23,D24
20	24	1112595-02	PIV= 600 IO= 1.00A AXIAL	2	-	D11,D14
		CONT		-	1	D14
21	25	1117721-00	TRANS.SUPP. 250V 5 A	1	-	D12
22	26	1114893-00	RECT,ULTRA FAST PIV= 50 IO= 6.0	1	1	D15
23	27	1115182-00	PIV= 600 IO= 3.00A 1N5626	4	4	D5-D8
24	28	1115272-00	RECT,ULTRA FAST PIV= 150 IO= 6.0	2	2	D16,D17
25	29	1211987-03	HEAT SINK,TO-3 1.750X01.7	1	1	HS1
26	30	1214789-00	INSERT,THREAD	4	4	

REVISION HISTORY		BASIC PART NO: 5414243		DRN: PAUL NORMAN		DATE: 20-FEB-80		D I G I T A L	
ENG	ECD NUMBER	REV	SECTION A OF A	CHK'D:	DICK BARRIERE	DATE:	20-MAR-81	TITLE	PARTS LIST
---	INITIAL	A	SECTION.VARIATION INDEX	CHK'D:	DICK BARRIERE	DATE:	20-MAR-81	TITLE	PARTS LIST
AA	5414243-ML001	B	[A] 00,01					LA100 POWER SUPPLY	
EK	5414243-PN002	C	[B]						
EK	5414243-PN003	D	[C]	DES.ENG:	ALAN ADAMSKY	DATE:	20-MAR-81		
EK	5414243-PN004	E	[D]						
EK	5414243-PN005	F	[E]					DOCUMENT NUMBER	
EK	5414243-PN006	H	[F]	RESP.ENG.:	ALAN ADAMSKY	DATE:	20-MAR-81	SIZE	CODE
EK	5414243-PN008	J	[H]					NUMBER	REV
EK	5414243-PN009	K	[J]	MFG.ENG.:	D. THOMAS	DATE:	20-MAR-81	K	PL
EK	5414243-PN011	M	[K]					5414243-0-DBP	N
EK	5414243-PN012	N	[L]						
			[M]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:	EDIT #
			[N]	D-UA-5414243-0-0		#B-DD-5414243-0		Z4243N.PLS	18

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LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION		REFERENCE DESIGNATOR
					00	01	
27	31		1215307-00	PCB,HEADER 09POS(1X09).156CC 90D	1	1	J2
28	32		1215307-02	PCB,HEADER 04POS(1X04).156CC 90D	1	1	J1
29	33		1216064-00	SW,SLIDE 2PDT 10A	1	1	SW1
30	35		1300295-00	330.0 .25 W 5.0 % CF	1	1	R20
31	37		1300479-00	10.0 K .25 W 5.0 % CF	2	2	R23,R52
32	38		1301317-00	10.0 .25 W 5.0 % CF	1	1	R22
33	39		1313841-00	23.20 K .25 W 1.0 % RN55D-F10	1	1	R35
34	40		1312930-00	5.10 K .25 W 5.0 % CF	1	1	R34
35	41		1302177-00	47.0 K .25 W 5.0 % CF	1	1	R17
36	42		1302391-00	20.0 K .25 W 5.0 % CF	5	5	R44,R46-R49
37	43		1303114-00	1.0 K .25 W 1.0 % RN55D-F10	6	6	R26,R27,R29,R31,R32,R42
38	44		1305127-00	4.0 K .25 W 1.0 % RN55D-F10	1	1	R14
39	45		1304839-00	51.0 K .25 W 5.0 % CF	1	1	R13
40	47		1305419-00	31.60 K .25 W 1.0 % RN55D-F10	1	1	R41
41	48		1309395-00	1.0 M .25 W 5.0 % CF	6	6	R11,R25,R30,R33,R43,R45
42	49		1309639-00	200.0 5.0 W 5.0 % WW	1	1	R21
43	50		1312655-00	180.0 5.0 W 5.0 % WW	2	2	R19,R37
44	52		1313191-00	1.0 K 9.0 W 5.0 % WW	1	1	R5
45	53		1313476-00	51.10 K .25 W 1.0 % RN55D-F10	1	1	R28
46	54		1314270-00	5.0 15.0 % NTC THERM	2	2	R1,R2
47	55		1314350-00	1.0 2.0 W10.0 % FUSE	1	1	R6
48	56		1314615-00	.05 2.50 W 5.0 % WW	3	3	R8-R10
49	57		1314675-00	1.0 K 3.0 W 5.0 % WW	1	-	R7
50	58		1315586-00	68.0 K 1.0 W 5.0 % CC	2	2	R3,R4
51	59		1300417-00	2.20 K .25 W 5.0 % CF	1	1	R53
52	61		1517910-00	2N 6547 NPN TO-3	1	1	Q1
53	62		1514271-02	D 44Q3 NPN 17SV	1	1	Q2
54	63		1612920-02	PULSE XFMR 30KHZ VT61	1	1	T2
55	64		1614778-00	XFMR P-AB S=6.0@ 100MA	1	1	T1
56	65		1617492-00	XFMR S=240-360V S=5/+24V	1	1	T3
57	66		1912048-05	7812 VOLT REG,FIX +12V	1	1	Z1
58	67		1912108-00	339 VOLT CMPRTR,QUAD	1	1	E2
59	68		1914517-01	7912 VOLT REG,FIX -12V	1	1	Z2
60	69		1916819-00	3527A MODULATOR,REGULATING	1	1	E1
61	70		9000038-13	SCREW,MACH PAN PHIL 10-	8	8	
62	71		9006021-01	SCREW,MACH PAN PHIL 6-	2	2	
63	72		9006025-01	SCREW,MACH PAN PHIL 6-	1	1	
64	73		9006656-00	WASHER,FLAT STEEL	2	2	
65	74		9007794-01	SCREW,MACH PAN PHIL 6-	1	1	
66	75		9007801-00	WASHER,HELICAL SPLIT SST	4	4	
67	76		9007906-00	WASHER,HELICAL SPLIT STEEL	8	8	
68	77		9009676-00	TERM,SOLDER BARRIER S,R	1	1	
69	78		9009798-00	SPACER,CLEAR HOLE RND CERAM .07	14	14	
70	79		1317591-00	20.0 5.0 W 5.0 % WW	2	2	R38,R40
71	80		9006011-01	SCREW,MACH PAN PHIL 4-	2	2	
72	81		9006557-00	NUT,HEX EXT TOOTH LCKWSHR 4-40	2	2	
73	82		9009950-02	WASHER,FLAT BRASS	10	10	
74	83		9010057-00	WASHER,SHOULDER INSULATG PPS	2	2	

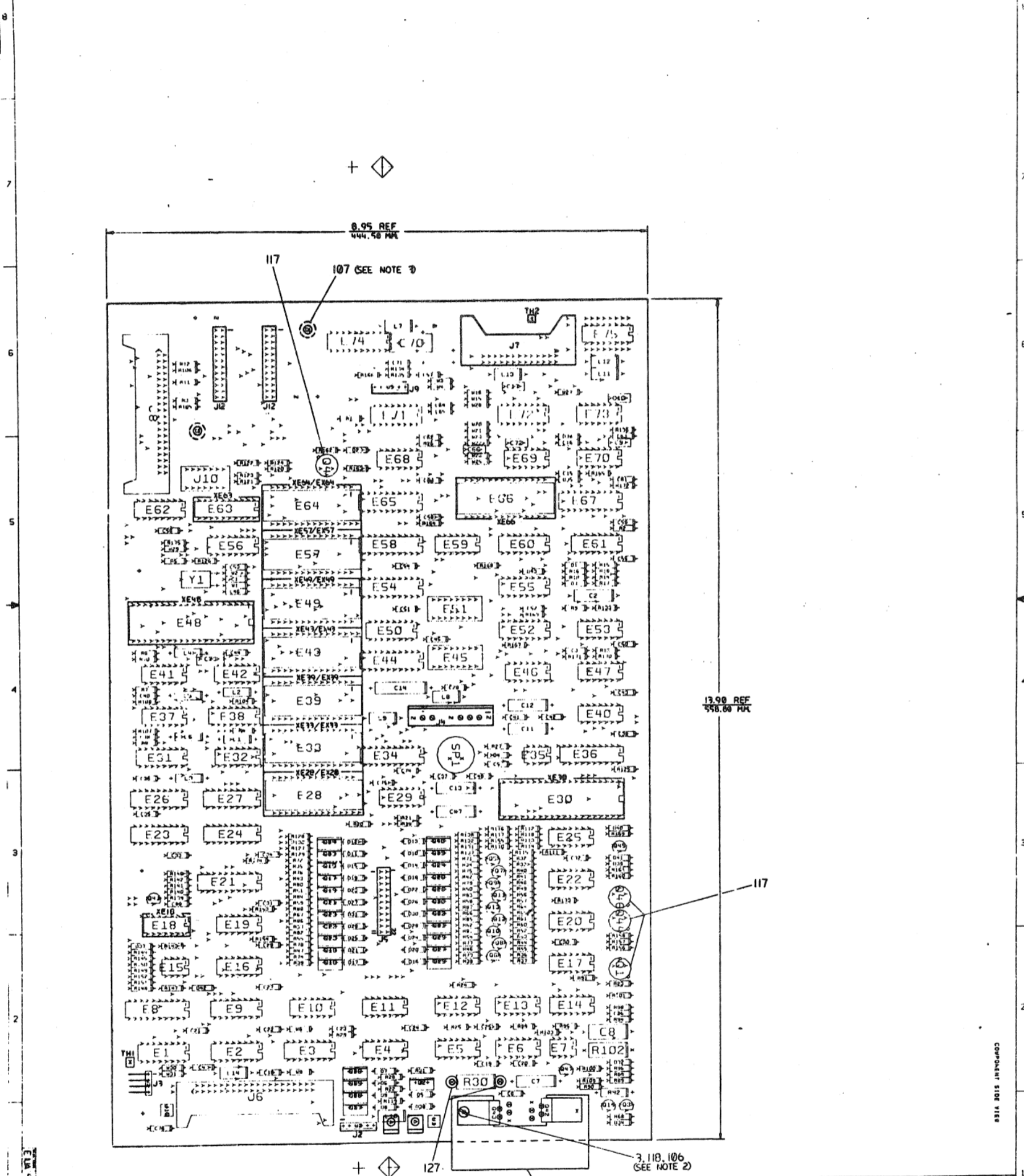
D	I	G	I	T	A	L	TITLE	SECTION A	OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							LA100 POWER SUPPLY					5414243-0-DBP	N

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION		REFERENCE DESIGNATOR
				00	01	
75	84	1213071-06	INSULATOR,RUBBER SILICONE	2	2	
76	85	C-MD-7424091-0-0 7424091-00	BRKT,HEAT SINK	1	1	
77	88	9009798-01	SPACER,CLEAR HOLE RND CERAM .07	4	4	
78	89	1618013-00	10.0 UH 20A	1	1	L1
79	90	1017472-00	10 MFD 35V +50-10% AL EL	1	1	C17
80	91	1303177-00	2.40 K .25 W 5.0 % CF	1	1	R39
81	92	1018237-00	.0047 MFD 100V 1% POLYPROP	1	1	C31
82	93	1303311-00	46.40 K .25 W 1.0 % RN55D-F10	1	1	R57
83	94	1317494-00	22.10 K .25 W 1.0 % RN55D-F10	2	-	R55,R56
84	95	1304856-00	4.64 K .25 W 1.0 % RN55D-F10	1	1	R54
85	96	1914156-00	LM 393 VOLT.COMPARATOR DUAL	1	1	E3
86	97	1013963-00	3300.0 MMF 500V 20% Z5U DISC	1	1	C30
87	98	1312992-00	560.0 K .25 W 5.0 % CF	1	1	R50
88	100	1302398-00	470.0 K .25 W 5.0 % CF	1	1	R58
89	101	9107380-55	WIRE, 12AWG19/.0185IPVC 300V1	A/R	-	
90	102	9007926-01	TERM,RING #10STUD CRIMP 10-1	1	-	
91	104	9105740-55	WIRE(WRAP) 30AWG KYNAR UL14	A/R	A/R	
92	105	1210929-04	FUSE, SUB-MINI .250A, 125V, A	1	1	F1
93	106	1300229-00	100.0 .25 W 5.0 % CF	1	1	R24
94	107	102630-00	.015 MFD 100V 10% MYLR	1	1	C32
95	108	9107256-00	TUBING,TEFLON .027ID	A/R	A/R	
96	109	1620951-01	CHOKE,COMMON MODE 250VAC PC MNT	-	1	L2
97	110	1010274-02	1 MFD 50V +80-20% CER	-	5	C7,C20,C22,C23,728
98	111	1019559-01	.02 MFD 1000V +80-20% CER	-	1	C33
99	112	7428165-01	GROUND STRAP	-	1	
100	113	9107804-00	WIRE, 22AWG(07/30)PVC 600V1	-	A/R	
101	114	9009798-02	SPACER,CLEAR HOLE RND CERAM .07	-	2	
102	115	1303312-00	10.0 K .25 W 1.0 % RN55D-F10	-	2	R55,R56
103	116	1315764-00	1.0 K 5.0 W 3.0 % WW	-	1	R7
104	117	1019422-04	2.2MFD 400V 20% MET. MYLR	-	1	C37
105	118	9107278-09	TUBING,TEFLON .042ID	-	A/R	

D I G I T A L		TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
		LA100 POWER SUPPLY		K	PL	5414243-0-DBP	N

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B C D E F H J



NOTES: 1. COB C12, W3, W4, W21, W23, J13, E15, E16, J10 ARE SHOWN IN THIS VIEW.
 2. INSTALL ITEM 106 UNDER ITEM 118 AND TIGHTEN TO 15 IN LBS.
 3. INSTALL ITEM 107 FROM SIDE 2 OF PCB.
 4. E15, E16, E17 ARE FOR FIELD OPTIONS ONLY.

REV	DESCRIPTION	DATE

SIGNATURES		DATE	digital

COMPONENT SIDE VIEW

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION				REFERENCE DESIGNATOR
						00	01	02	03	
1	1	D-MD-5014255-0-0	5014255-00		D+E BRD	1	1	1	1	
2	2		7424745-00		HEAT SINK H DRIVERS	1	1	1	1	
3	3		9006023-01		SCREW, MACH PAN PHIL 6-	2	2	2	2	
4	5		9009185-00		JUMPER, WIRE, INSULATED, BLACK B	15	15	15	15	W1, W2, W8, W9, W15, W16, W20, W22, W25-W31
5	6		1000024-00		470.0 MMF 100V 5%200PPM MICA	1	1	1	1	C17
6	7		1000055-00		2200.0 MMF 250V 20% Y5S DISC	2	2	2	2	C9, C10
7	8		1000079-00		47 MFD 20V 20% S.TANT	1	1	1	1	C14
8	9		1001610-00		.01 MFD 50V +80-20% Z5U CER	12	12	12	12	C3, C4, C15, C16, C48, C37, C41, C42, C64, C65, C71, C76
9	10		1005636-00		22 MFD 6V 10% S.TANT	1	1	1	1	C2
10	11		1012784-00		.047 MFD 50V +80-20% CER	43	43	43	43	C5, C6, C18, C20-C36, C38-C40, C43-C45, C49-C63, C19, C74
11	12		1013466-31		15.0 MMF 50V 5% CER	2	2	2	2	C1, C46
12	13		1017472-00		10 MFD 35V +50-10% AL EL	5	5	5	5	C7, C11-C13, C47
13	14		1100114-00		PIV= 25 IO=135 MA	1	1	1	1	D42
14	15		1101938-00		VZ= 2.4 5% 400 MW 1N4370A	1	1	1	1	D1
15	16		1104860-00		VZ= 3.3 5% 400 MW 1N746A	1	1	1	1	D40
16	17		1105275-00		PIV= 60 IO=300 MA -15NS	7	7	7	7	D2, D3, D4, D34, D37, D39, D41
17	18		1105796-00		PIV= 400 IO= 1.00A 1N4004 DO-41	28	28	28	28	D6-D31, D35, D36
18	19		1105873-00		VZ= 5.1 1% .400MM	1	1	1	1	D32
19	20		1114507-00		VZ= 24.0 5% 1 W 1N4749A	2	2	2	2	D5, D38
20	21		1209941-02		PCB, HEADER 40PIN(2X20).100CC 90D	2	2	2	2	J6, J8
21	22		1209941-09		PCB, HEADER 26PIN(2X13).100CC 90D	1	1	1	1	J7
22	23		1211164-04		SW, DIP 08POS/1PST 5VDC100MA F	2	2	2	2	E45, E51
23	24		1213488-07		PCB, HEADER 22PIN(2X11).100CC STR	1	1	1	1	J5
24	25		1213488-05		PCB, HEADER 24PIN(2X12).100CC STR	2	2	2	2	J11, J12
25	26		1214981-02		PCB, HEADER 04PIN(1X04).100CC 90D	1	1	1	1	J3
26	27		1215006-01		SKT, IC 14PIN DIP TIN SOLD	2	2	2	2	J10, XE18
27	29		1215006-04		SKT, IC 20PIN DIP TIN SOLD	1	1	1	1	XE63

REVISION HISTORY		BASIC PART NO: 5414256		DRN:	F. LLANOS	DATE:	DIGITAL			
ENG:	ECO NUMBER	REV	SECTION A OF B	CHK'D:	B. CSERPES	DATE:	PARTS LIST			
	INITIAL	A	SECTION VARIATION INDEX	DES.ENG:	A. KORELITZ	DATE:	LA100 LOGIC BOARD			
AK	5414256-ML001	B	[A] 00,01,02,03				DOCUMENT NUMBER			
EK	5414256-PN002	C	[B] 04,05,06				SIZE	CODE	NUMBER	REV
EK	5414256-PN003	D	[C]	RESP.ENG.:	A. KORELITZ	DATE:	K	PL	5414256-0-DBF	N
EK	5414256-PN004	E	[D]				RELEASE DATE: 21-FEB-84			
EK	5414256-PN005	F	[E]	MFG.ENG.:	J. MCSHANE	DATE:	03-SEP-81			
EK	5414256-PN006	H	[F]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #	
EK	5414256-PN007	J	[H]	E-UA-5414256-0-0		B-DD-5414256-0-0	Z4256N.PLS		24	
EK	5414256-PN008	K	[J]							
EK	5414256-PN009	L	[K]							
EK	5414256-PN010	M	[L]							
EK	5414256-PN012	N	[M]							
			[N]							

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LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION				REFERENCE DESIGNATOR
						00	01	02	03	
28	30		1215006-07		SKT,IC 28PIN DIP TIN SOLD	8	8	8	8	XE28,XE33,XE39,XE57,XE64,XE49, CONT XE66,XE43
29	31		1215006-08		SKT,IC 40PIN DIP TIN SOLD	2	2	2	2	XE48,XE30
30	32		1215323-00		PCB HEADER 06PIN(1X06).100CC STR	2	2	2	2	J2,J9
31	33		1215323-02		PCB HEADER 02PIN(1X02).100CC STR	2	2	2	2	J1,J16
32	34		1215635-01		TRANSDUCER,MINATURE AUDIO FOR LA	1	1	1	1	SP1
33	35		1215699-00		PCB,HEADER 08POS(1X09).156CC STR	1	1	1	1	J4
34	36		1300005-07		R NETWORK 15-4.7K 5.0 % 16PIN	2	2	2	2	E1,E50
35	37		1300229-00		100.0 .25 W 5.0 % CF	1	1	1	1	R125
36	38		1300247-00		120.0 .25 W 5.0 % CF	1	1	1	1	R15
37	39		1300295-00		330.0 .25 W 5.0 % CF	19	19	19	19	R1-R4,R19-R21,R104,R106, CONT R120-R124,R141,R153,R154,R105, CONT R172
38	40		1300365-00		1.0 K .25 W 5.0 % CF	62	62	62	62	R12-R14,R22,R23,R28,R29,R32-R67, CONT R69,R70,R89,R91,R107,R108,R119, CONT R126,R129,R130,R156-R160,R162, CONT R163,R164,R174
39	41		1300368-00		1.0 K 1.0 W 5.0 % CC	1	1	1	1	R102
40	42		1300417-00		2.20 K .25 W 5.0 % CF	9	9	9	9	R131,R132,R140,R146,R149-R152, CONT R161
41	43		1300432-00		3.0 K .25 W 5.0 % CF	4	4	4	4	R127,R128,R137,R138
42	44		1300447-00		4.70 K .25 W 5.0 % CF	28	28	28	28	R26,R68,R71-R88,R134,R135,R144, CONT R148,R165,R166,R167,R175
43	45		1300479-00		10.0 K .25 W 5.0 % CF	14	14	14	14	R5-R11,R95,R96,R143,R145,R147, CONT R139,R171
44	46		1300488-00		12.0 K .25 W 5.0 % CF	2	2	2	2	R16,R109
45	47		1301423-00		6.80 K .25 W 5.0 % CF	13	13	13	13	R18,R24,R25,R110-R118,R155
46	48		1301424-00		680.0 .25 W 5.0 % CF	1	1	1	1	R90
47	50		1301421-00		15.0 .25 W 5.0 % CF	1	1	1	1	R98
48	51		1302391-00		20.0 K .25 W 5.0 % CF	2	2	2	2	R31,R170
49	52		1302466-00		100.0 K .25 W 5.0 % CF	2	2	2	2	R17,R133
50	53		1302602-00		56.0 .25 W 5.0 % CF	1	1	1	1	R27
51	54		1305346-00		27.0 K .25 W 5.0 % CF	1	1	1	1	R142
52	55		1309595-00		1.0 M .25 W 5.0 % CF	1	1	1	1	R100
53	56		1310635-00		13.0 K .25 W 1.0 % RN55D-F10	2	2	2	2	R99,R103
54	57		1312452-00		3.74 K .25 W 1.0 % RN55D-F10	1	1	1	1	R136
55	59		1315676-00		300.0 3.0 W 5.0 % WW 9	1	1	1	1	R30
56	60		1501913-00		2N 2904A PNP 600MW SI 60 40 Y	4	4	4	4	Q1,Q4,Q44,Q46
57	61		1510705-00		XA 05 NPN 500MW SI 60 50 P	3	3	3	3	Q14,Q45,Q47
58	62		1510706-00		XA 55 PNP 500MW SI 60 50 P	11	11	11	11	Q3,Q5-Q13,Q41
59	63		1514508-00		TIP 121 NPN 65W SI 80 1000 B	15	15	15	15	Q24-Q32,Q35-Q40
60	64		1514509-00		TIP 125 PNP 65W SI 60 500 BA	12	12	12	12	Q2,Q15-Q23,Q33,Q34
61	65		1618238-02		BEAD,FERRITE .1380DX.330LG	6	6	6	6	L1-L3,L7,L10,L14
62	66		1812396-08		XTAL 8.000 MHZ	1	1	1	1	Y1
63	67		1910322-00		DEC 1488L DRIVER,LINE,QUAD,EI	1	1	1	1	E69
64	68		1913130-00		DEC 1489A RECEIVER,LINE,QUAD,	2	2	2	2	E70,E73
65	69		1910406-00		75451 DRIVER,PERIPH,DUAL,	1	1	1	1	E35
66	70		1910741-00		7406 INVERTER GATE-HEX 1I	8	8	8	8	E4,E5,E10,E11,E19,E68,E20,E29

D	I	G	I	T	A	L	TITLE	SECTION A	OF	B	SIZE	CODE	DOCUMENT NUMBER	REV
							LA100 LOGIC BOARD				K	PL	5414256-0-DBP	N

PARTS LIST

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION				REFERENCE DESIGNATOR
						00	01	02	03	
67	71		1912108-00		339 VOLT CMPRTR,QUAD	1	1	1	1	E53
68	72		1912799-00		LS00 NAND-GATE-QUAD 2IN,P	1	1	1	1	E40
69	73		1912801-00		LS02 NOR-GATE-QUAD 2IN	1	1	1	1	E12
70	74		1912803-00		LS04 INVERTER GATE,HEX	4	4	4	4	E6,E25,E47,E22
71	75		1912805-00		LS08 AND GATE-QUAD 2IN,PO	5	5	5	5	E13,E14,E17,E32,E59
72	76		1912807-00		LS10 NAND GATE-TRIPLE 3IN	1	1	1	1	E41
73	77		1912816-00		LS32 OR GATE-QUAD 2IN,POS	3	3	3	3	E16,E37,E46
74	78		1912824-00		LS74 FF-D DUAL,EDGE TRIGG	1	1	1	1	E42
75	79		1912842-00		LS138 DECODER-THREE INPUT,	2	2	2	2	E56,E60
76	80		1912843-00		LS139 DECODER, 2 OF 4(DUAL)	1	1	1	1	E52
77	81		1912846-00		LS155 DECODER,2 OF 4(DUAL)	1	1	1	1	E55
78	82		1912863-00		LS273 FF-D OCTAL W/CLEAR	3	3	3	3	E21,E58,E65
79	83		1913471-00		LS367 DRIVER,BUS,HEX,TRI-	3	3	3	3	E62,E71,E72
80	84		1913777-00		LS240 DRIVER,LINE,OCTAL,T	1	1	1	1	E8
81	85		1913939-00		LS191 COUNTER,SYNCHR. UP/D	1	1	1	1	E31
82	86		1913950-00		LS156 DECODER,2 OF 4(DUAL)	3	3	3	3	E2,E3,E9
83	87		1914156-00	LM	393 VOLT.COMPARATOR DUAL	2	2	2	2	E7,E15
84	88		1914213-00		81LS97 BUFFER GATE-OCTAL 2I	4	4	4	4	E44,E54,E67,E74
85	89		1914560-00		LS368 DRIVER,BUS,HEX,TRI-	2	2	2	2	E38,E61
86	90		1915218-00		LS245 TRANSCEIVER,BUS,OCT	1	1	1	1	E36
87	91		1915219-00		LS373 FF-D OCTAL-TRANSPARE	1	1	1	1	E34
88	92		1916002-00		DRIVER,MOTOR CONTRO	2	2	2	2	Q42,Q43
89	93		2113107-01	P	8251A PUSART COMM. INTERFA	1	1	1	1	E66
90	94		2113954-00	DC	305 INTERFACE CHIP	1	1	1	1	E30
91	95		2114212-00	P	2114-2 RAM,1024X4,STATIC	4	4	4	4	E23,E24,E26,E27
92	97		2114524-01		ROM 100X14BIT,ERASABLE,	1	1	1	1	E18
93	98		2116962-00		UP,8-BTT NMOS .8MICRO SEC. INSTR	1	1	1	1	E48
94	101		1300250-00		150.0 .25 W 5.0 Z CF	1	1	1	1	R168
95	102		1302388-00		2.0 K .25 W 5.0 Z CF	2	2	2	2	R169,R94
96	103		1001383-00		4700.0 MMF 100V 3%200PPM MICA	1	1	1	1	C70
97	105		1100122-00		VZ= 3.9 5% 400 MW 1N748A	1	1	1	1	D43
98	106		9008268-00		COMPOUND, THERMAL JOINT	A/R	A/R	A/R	A/R	
99	107		9009111-02		INSERT,THREAD PC BOARD	2	2	2	2	
100	110		1013669-07		.068 MFD 150V 1% AL EL	1	1	1	1	C8
101	114		9105740-55		WIRE(WRAP) 30AWG KYNAR UL14	A/R	A/R	A/R	A/R	
102	115		1300400-00		1.80 K .50 W10.0 Z CF	1	1	1	1	R92
103	116		1301890-00		560.0 .25 W 5.0 Z CF	1	1	1	1	R173
104	117		9007201-00		PAD,MOUNTING,COMPONENT	4	4	4	4	
105	118		9008185-00		NUT,HEX EXT TOOTH LCKWSHR 6-32	2	2	2	2	
106	119		23147E4-00		E4-02,E4-05 ROM	1	1	1	1	E28
107	120		23148E4-00		E4-01,E4-02,E4-03,E4-05 ROM	1	1	1	1	E33
108	121		23126E4-00		E4-01,E4-02,E4-03,E4-05,06,08ROM	1	1	1	1	E64
109	122		23128E4-00		E4-01,E4-02,E4-03,E4-05,06,08ROM	-	1	-	-	E57
110	123		23127E4-00		E4-01,E4-02,E4-03,E4-05,06,08ROM	-	-	1	-	E49
111	124		1313594-00		14.0 K .25 W 1.0 Z RN55D-F10	1	1	1	1	R101
112	125		1618437-01		BEAD,FERRITE .2360DX.394LG W/2.5	8	8	8	8	L4-L6,L8,L9,L11-L13
113	126		1001610-02		.01 MFD 100V +80-20X25U DISC	1	1	1	1	C73
114	127		9009798-01		SPACER,CLEAR HOLE RND CERAM .07	2	2	2	2	

DIGITAL		TITLE	LA100 LOGIC BOARD	SECTION A OF B	SIZE	CODE	DOCUMENT NUMBER	REV
					K	PL	5414256-0-DBP	N

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION				REFERENCE DESIGNATOR
					00	01	02	03	
115	128	7019647-00		PROGRAMMED SOCKET	A/R	A/R	A/R	A/R	EX28,EX33,EX39,EX43,EX49,EX57,EX64
116	129	23210E4-00		E4-01,E4-02,E4-03,E4-05,06,08ROM	-	-	-	1	E33
117	130	23215E4-00		E4-06,E4-08	-	-	-	1	E28
118	131	23207E4-00		E4-01,E4-02,E4-03,E4-05,06,08ROM	-	-	-	1	E57
119	132	23200E4-00		E4-01,E4-02,E4-03,E4-05,06,08ROM	-	-	-	1	E49
120	133	1013466-06		100.0 MMF 50V 5% CER	1	1	1	1	C75

- 121 NOTE: 1. THE FOLLOWING ADDITIONAL 240/30 FONT ROMS ARE ALSO AVAILABLE;
- 122 NOTE: 23134E4-00, COURIER 12 D.A.D. 240/30; 23132E4-00 \, GOTHIC 12 D.A.D. 240/30.
- 123 NOTE: 23140E4-00, SYMBOLS 240/30; 23135E4-00 COURIER 12 OVERLAY D.A.D. 240/30
- 124 NOTE: 23133E4-00, GOTHIC 12 OVERLAY D.A.D. 240/30; 23129E4-00 ORATOR 10 OVERLAY D.A.D. 240/30
- 125 NOTE: 23130E4-00, GOTHIC 10 D.A.D. 240/30; 23131E4-00 GOTHIC 10 OVERLAY D.A.D. 240/30
- 126 NOTE: 2. THE FOLLOWING ADDITIONAL 240/80 FONT \ROMS ARE ALSO AVAILABLE;
- 127 NOTE: 23136E4-00, COURIER 10 D.A.D. 240/80; 23137E4-00 \, COURIER 10 OVERLAY D.A.D. 240/80
- 128 NOTE: 23138E4-00, ORATOR 10 D.A.D. 240/80; 23139E4-00, ORATOR 10 OVERLAY D.A.D. 240/80
- 129 NOTE: 3. E28 CAN ONLY USE INTEL/AMD2764 EPROMS WITH ADAPTOR SOCKET 7019647-00 OR A ROM. ALL OTHER
- 130 NOTE: LOCATIONS CAN USE TI2564 WITHOUT ADAPTOR SOCKET OR INTEL/AMD2764 WITH ADAPTOR SOCKET OR A ROM.

D I G I T A L	TITLE	SECTION A OF B	SIZE	CODE	DOCUMENT NUMBER	REV
	LA100 LOGIC BOARD		K	PL	5414256-0-DBP	N

PARTS LIST

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION			REFERENCE DESIGNATOR
						04	05	06	
1	1	D-MD-5014255-0-0	5014255-00		D+E BRD	1	1	1	
2	2		7424745-00		HEAT SINK H DRIVERS	1	1	1	
3	3		9006023-01		SCREW,MACH PAN PHIL 6-	2	2	2	
4	5		9009185-00		JUMPER, WIRE, INSULATED, BLACK B	15	15	15	W1,W2,W8,W9,W15,W16,W20,W22, W25-W31
5	6		1000024-00		470.0 MMF 100V 5%200PPM MICA	1	1	1	C17
6	7		1000055-00		2200.0 MMF 250V 20% Y5S DISC	2	2	2	C9,C10
7	8		1000079-00		47 MFD 20V 20% S.TANT	1	1	1	C14
8	9		1001610-00		.01 MFD 50V +80-20% Z5U CER	12	12	12	C3,C4,C15,C16,C48,C37,C41,C42, C64,C65,C71,C76
9	10		1005636-00		22 MFD 6V 10% S.TANT	1	1	1	C2
10	11		1012784-00		.047 MFD 50V +80-20% CER	43	43	43	C5,C6,C18,C20-C36,C38-C40, C43-C45,C49-C63,C19,C74
11	12		1013466-31		15.0 MMF 50V 5% CER	2	2	2	C1,C46
12	13		1017472-00		10 MFD 35V +50-10% AL EL	5	5	5	C7,C11-C13,C47
13	14		1100114-00		PIV= 25 IO=135 MA	1	1	1	D42
14	15		1101938-00		VZ= 2.4 5% 400 MW 1N4370A	1	1	1	D1
15	16		1104860-00		VZ= 3.3 5% 400 MW 1N746A	1	1	1	D40
16	17		1105275-00		PIV= 60 IO=300 MA -15NS	7	7	7	D2,D3,D4,D34,D37,D39,D41
17	18		1105796-00		PIV= 400 IO= 1.00A 1N4004 DO-41	28	28	28	D6-D31,D35,D36
18	19		1105873-00		VZ= 5.1 1% .400MW	1	1	1	D32
19	20		1114507-00		VZ= 24.0 5% 1 W 1N4749A	2	2	2	D5,D38
20	21		1209941-02		PCB,HEADER 40PIN(2X20).100CC 90D	2	2	2	J6,J8
21	22		1209941-09		PCB,HEADER 26PIN(2X13).100CC 90D	1	1	1	J7
22	23		1211164-04		SW,DIP 08POS/1PST 5VDC100MA F	2	2	2	E45,E51
23	24		1213488-07		PCB,HEADER 22PIN(2X11).100CC STR	1	1	1	J5
24	25		1213488-05		PCB,HEADER 24PIN(2X12).100CC STR	2	2	2	J11,J12
25	26		1214981-02		PCB,HEADER 04PIN(1X04).100CC 90D	1	1	1	J3
26	27		1215006-01		SKT,IC 14PIN DIP TIN SOLD	2	2	2	J10,XE18
27	29		1215006-04		SKT,IC 20PIN DIP TIN SOLD	1	1	1	XE63

REVISION HISTORY			BASIC PART NO: 5414256			DRN: F. LLANDS			DATE: 27-MAR-81			D I G I T A L				
ENG	ECO NUMBER	REV	SECTION B OF B			CHK'D:	B. CSERPES		DATE:	27-MAR-81			TITLE PARTS LIST			
---	INITIAL	A	SECTION VARIATION INDEX			CHK'D:	B. CSERPES		DATE:	27-MAR-81			LA100 LOGIC BOARD			
AK	5414256-ML001	B	[A] 00,01,02,03			DES.ENG:	A. KORELITZ		DATE:	27-MAR-81			DOCUMENT NUMBER			
EK	5414256-PN002	C	[B] 04,05,06			SIZE	CODE	NUMBER	REV							
EK	5414256-PN003	D	[C]			RESP.ENG.:	A. KORELITZ		DATE:	27-MAR-81			K	PL	5414256-0-DBP	N
EK	5414256-PN004	E	[D]			MFG.ENG.:	J. MCSHANE		DATE:	03-SEP-81			RELEASE DATE: 21-FEB-84			
EK	5414256-PN005	F	[E]			ASSEMBLY NUMBER:				TOP DOCUMENT NUMBER:				FILE NAME:	EDIT #	
EK	5414256-PN006	H	[F]			E-UA-5414256-0-0				B-DD-5414256-0-0				Z4256N.PLS	24	
EK	5414256-PN007	J	[H]													
EK	5414256-PN008	K	[J]													
EK	5414256-PN009	L	[K]													
EK	5414256-PN010	M	[L]													
EK	5414256-PN012	N	[M]													
			[N]													

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LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	VARIATION REVISION LEVEL:	QTY PER VARIATION			REFERENCE DESIGNATOR	
						04	05	06		
28	30	1215006-07		SNT,IC	28PIN DIP TIN	SOLD	8	8	8	XE28,XE33,XE39,XE57,XE64,XE49, XE66,XE43
29	31	1215006-08		SKT,IC	40PIN DIP TIN	SOLD	2	2	2	XE48,XE30
30	32	1215323-00		PCB HEADER	06PIN(1X06),100CC STR		2	2	2	J2,J9
31	33	1215323-02		PCB HEADER	02PIN(1X02),100CC STR		2	2	2	J1,J16
32	34	1215635-01		TRANSDUCER,	MINATURE AUDIO FOR LA		1	1	1	SF1
33	35	1215699-00		PCB,HEADER	08POS(1X09),156CC STR		1	1	1	J4
34	36	1300005-07		R NETWORK	15-4.7K 5.0 % 16PIN		2	2	2	E1,E50
35	37	1300229-00		100.0	.25 W 5.0 %	CF	1	1	1	R125
36	38	1300247-00		120.0	.25 W 5.0 %	CF	1	1	1	R15
37	39	1300295-00		330.0	.25 W 5.0 %	CF	19	19	19	R1-R4,R19-R21,R104,R106, R120-R124,R141,R153,R154,R105, R172
38	40	1300365-00		1.0 K	.25 W 5.0 %	CF	62	62	62	R12-R14,R22,R23,R28,R29,R32-R67, R69,R70,R89,R91,R107,R108,R119, R126,R129,R130,R156-R160,R162, R163,R164,R174
39	41	1300368-00		1.0 K	1.0 W 5.0 %	CC	1	1	1	R102
40	42	1300417-00		2.20 K	.25 W 5.0 %	CF	9	9	9	R131,R132,R140,R146,R149-R152, R161
41	43	1300432-00		3.0 K	.25 W 5.0 %	CF	4	4	4	R127,R128,R137,R138
42	44	1300447-00		4.70 K	.25 W 5.0 %	CF	28	28	28	R26,R68,R71-R88,R134,R135,R144, R148,R165,R166,R167,R175
43	45	1300479-00		10.0 K	.25 W 5.0 %	CF	14	14	14	R5-R11,R95,R96,R143,R145,R147, R139,R171
44	46	1300488-00		12.0 K	.25 W 5.0 %	CF	2	2	2	R16,R109
45	47	1301423-00		6.80 K	.25 W 5.0 %	CF	13	13	13	R18,R24,R25,R110-R118,R155
46	48	1301424-00		680.0	.25 W 5.0 %	CF	1	1	1	R90
47	50	1301421-00		15.0	.25 W 5.0 %	CF	1	1	1	R98
48	51	1302391-00		20.0 K	.25 W 5.0 %	CF	2	2	2	R31,R170
49	52	1302466-00		100.0 K	.25 W 5.0 %	CF	2	2	2	R17,R133
50	53	1302602-00		56.0	.25 W 5.0 %	CF	1	1	1	R27
51	54	1305346-00		27.0 K	.25 W 5.0 %	CF	1	1	1	R142
52	55	1309595-00		1.0 M	.25 W 5.0 %	CF	1	1	1	R100
53	56	1310635-00		13.0 K	.25 W 1.0 %	RN55D-F10	2	2	2	R99,R103
54	57	1312452-00		3.74 K	.25 W 1.0 %	RN55D-F10	1	1	1	R136
55	59	1315676-00		300.0	3.0 W 5.0 %	WW 9	1	1	1	R30
56	60	1501913-00		2N 2904A	PNP 600MW SI 60 40 Y		4	4	4	Q1,Q4,Q44,Q46
57	61	1510705-00		XA 05	NPN 500MW SI 60 50 P		3	3	3	Q14,Q45,Q47
58	62	1510706-00		XA 55	PNP 500MW SI 60 50 P		11	11	11	Q3,Q5-Q13,Q41
59	63	1514508-00		TIP 121	NPN 65W SI 80 1000 B		15	15	15	Q24-Q32,Q35-Q40
60	64	1514509-00		TIP 125	PNP 65W SI 60 500 9A		12	12	12	Q2,Q15-Q23,Q33,Q34
61	65	1618238-02		BEAD,FERRITE	.1380DX.330LG		6	6	6	L1-L3,L7,L10,L14
62	66	1812396-08		XTAL	8.000 MHZ		1	1	1	Y1
63	67	1910322-00		DEC 1488L	DRIVER,LINE,QUAD,EI		1	1	1	E69
64	68	1913130-00		DEC 1489A	RECEIVER,LINE,QUAD,		2	2	2	E70,E73
65	69	1910406-00		75451	DRIVER,PERIPH,DUAL,		1	1	1	E35
66	70	1910741-00		7406	INVERTER GATE-HEX 1I		8	8	8	E4,E5,E10,E11,E19,E68,E20,E29

D	I	G	I	T	A	L	TITLE	SECTION B OF B	SIZE	CODE	DOCUMENT NUMBER	REV
							LA100 LOGIC BOARD		K	PL	5414256-0-DBP	N

PARTS LIST

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION			REFERENCE DESIGNATOR
						04	05	06	
67	71		1912108-00		339 VOLT CMPRTR,QUAD	1	1	1	E53
68	72		1912799-00		LS00 NAND-GATE-QUAD 2IN,P	1	1	1	E40
69	73		1912801-00		LS02 NOR-GATE-QUAD 2IN	1	1	1	E12
70	74		1912803-00		LS04 INVERTER GATE,HEX	4	4	4	E6,E25,E47,E22
71	75		1912805-00		LS08 AND GATE-QUAD 2IN,PO	5	5	5	E13,E14,E17,E32,E59
72	76		1912807-00		LS10 NAND GATE-TRIPLE 3IN	1	1	1	E41
73	77		1912816-00		LS32 OR GATE-QUAD 2IN,POS	3	3	3	E16,E37,E46
74	78		1912824-00		LS74 FF-D DUAL,EDGE TRIGG	1	1	1	E42
75	79		1912842-00		LS138 DECODER-THREE INPUT,	2	2	2	E56,E60
76	80		1912843-00		LS139 DECODER, 2 OF 4(DUAL	1	1	1	E52
77	81		1912846-00		LS155 DECODER,2 OF 4(DUAL)	1	1	1	E55
78	82		1912863-00		LS273 FF-D OCTAL W/CLEAR	3	3	3	E21,E58,E65
79	83		1913471-00		LS367 DRIVER,BUS,HEX,TRI-	3	3	3	E62,E71,E72
80	84		1913777-00		LS240 DRIVER,LINE,OCTAL,T	1	1	1	E8
81	85		1913939-00		LS191 COUNTER,SYNCHR. UP/D	1	1	1	E31
82	86		1913950-00		LS156 DECODER,2 OF 4(DUAL)	3	3	3	E2,E3,E9
83	87		1914156-00	LM	393 VOLT.COMPARATOR DUAL	2	2	2	E7,E15
84	88		1914213-00		81LS97 BUFFER GATE-OCTAL 2I	4	4	4	E44,E54,E67,E74
85	89		1914560-00		LS368 DRIVER,BUS,HEX,TRI-	2	2	2	E38,E61
86	90		1915218-00		LS245 TRANSCEIVER,BUS,OCT	1	1	1	E36
87	91		1915219-00		LS373 FF-D OCTAL-TRANSPARE	1	1	1	E34
88	92		1916002-00		DRIVER,MOTOR CONTR	2	2	2	Q42,Q43
89	93		2113107-01	P	8251A PUSART COMM. INTERFA	1	1	1	E66
90	94		2113954-00	DC	305 INTERFACE CHIP	1	1	1	E30
91	95		2114212-00	P	2114-2 RAM,1024X4,STATIC	4	4	4	E23,E24,E26,E27
92	97		2114524-01		ROM 100X14BIT,ERASABLE,	1	1	1	E18
93	98		2116962-00		UP,8-BTT NMOS .8MICRO SEC. INSTR	1	1	1	E48
94	101		1300250-00		150.0 .25 W 5.0 Z CF	1	1	1	R168
95	102		1302388-00		2.0 K .25 W 5.0 Z CF	2	2	2	R169,R94
96	103		1001383-00		4700.0 MMF 100V 3X200PPM MICA	1	1	1	C70
97	105		1100122-00		VZ= 3.9 5Z 400 MW 1N748A	1	1	1	D43
98	106		9008268-00		COMPOUND, THERMAL JOINT	A/R	A/R	A/R	
99	107		9009111-02		INSERT,THREAD PC BOARD	2	2	2	
100	110		1013669-07		.068 MFD 150V 1Z AL EL	1	1	1	C8
101	114		9105740-55		WIRE(WRAP) 30AWG KYNAR UL14	A/R	A/R	A/R	
102	115		1300400-00		1.80 K .50 W10.0 Z CF	1	1	1	R92
103	116		1301890-00		560.0 .25 W 5.0 Z CF	1	1	1	R173
104	117		9007201-00		PAD,MOUNTING,COMPONENT	4	4	4	
105	118		9008185-00		NUT,HEX EXT TOOTH LCKWSHR 6-32	2	2	2	
106	119		23147E4-00		*** THIS ITEM IS NOT USED ***	-	-	-	
107	120		23148E4-00		*** THIS ITEM IS NOT USED ***	-	-	-	
108	121		23126E4-00		E4-01,E4-02,E4-03,E4-05,06,08ROM	1	1	1	E64
109	122		23128E4-00		E4-01,E4-02,E4-03,E4-05,06,08ROM	1	-	-	E57
110	123		23127E4-00		E4-01,E4-02,E4-03,E4-05,06,08ROM	-	1	-	E49
111	124		1313594-00		14.0 K .25 W 1.0 Z RN55D-F10	1	1	1	R101
112	125		1618437-01		BEAD,FERRITE .236ODX.394LG W/2.5	8	8	8	L4-L6,L8,L9,L11-L13
113	126		1001610-02		.01 MFD 100V +80-20XZ5U DISC	1	1	1	C73
114	127		9009798-01		SPACER-CLEAR HOLE RND CERAM .07	2	2	2	

D	I	G	I	T	A	L	TITLE	SECTION B OF B	SIZE	CODE	DOCUMENT NUMBER	REV
							LA100 LOGIC BOARD		K	PL	5414256-0-DBP	N

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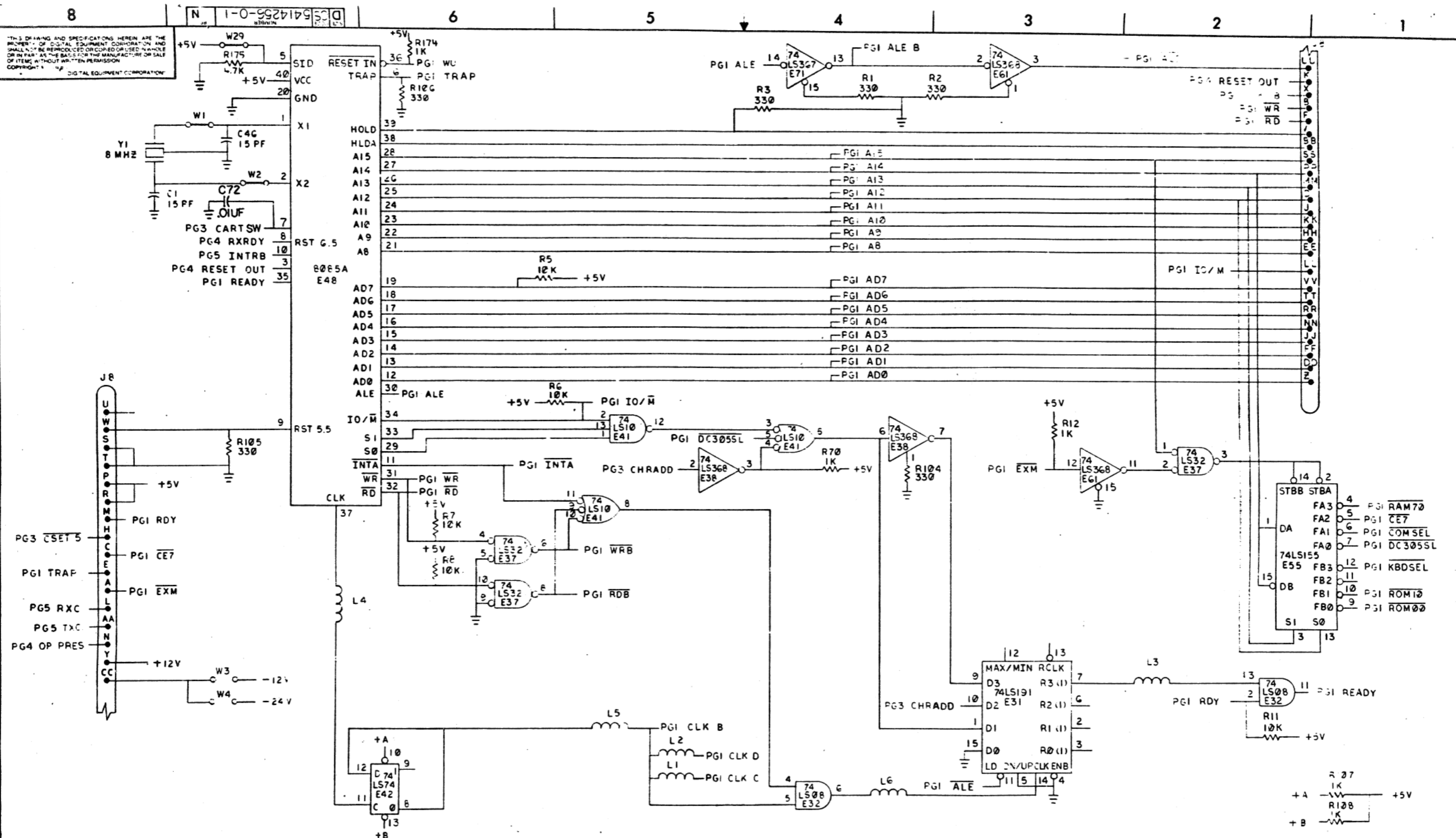
PARTS LIST

SHEET 84 OF 84

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VARIATION			REFERENCE DESIGNATOR
					04	05	06	
115	128	7019647-00		PROGRAMMED SOCKET	A/R	A/R	A/R	EX28,EX33,EX39,EX43,EX49,EX57,
116	129	23210E4-00		E4-01,E4-02,E4-03,E4-05,06,08ROM				EX64
117	130	23215E4-00		E4-06,E4-08	1	1	1	E33
118	131	23207E4-00		*** THIS ITEM IS NOT USED ***	-	-	-	E28
119	132	23200E4-00		*** THIS ITEM IS NOT USED ***	-	-	-	
120	133	1013466-06		100.0 MHF 50V 5Z CER	1	1	1	C75

- 121 NOTE: 1. THE FOLLOWING ADDITIONAL 240/30 FONT ROMS ARE ALSO AVAILABLE;
- 122 NOTE: 23134E4-00, COURIER 12 D.A.D. 240/30; 23132E4-00 \, GOTHIC 12 D.A.D. 240/30.
- 123 NOTE: 23140E4-00, SYMBOLS 240/30; 23135E4-00 COURIER 12 OVERLAY D.A.D. 240/30
- 124 NOTE: 23133E4-00, GOTHIC 12 OVERLAY D.A.D. 240/30; 23129E4-00 ORATOR 10 OVERLAY D.A.D. 240/30
- 125 NOTE: 23130E4-00, GOTHIC 10 D.A.D. 240/30; 23131E4-00 GOTHIC 10 OVERLAY D.A.D. 240/30
- 126 NOTE: 2. THE FOLLOWING ADDITIONAL 240/80 FONT \ROMS ARE ALSO AVAILABLE;
- 127 NOTE: 23136E4-00, COURIER 10 D.A.D. 240/80; 23137E4-00 \, COURIER 10 OVERLAY D.A.D. 240/80
- 128 NOTE: 23138E4-00, ORATOR 10 D.A.D. 240/80; 23139E4-00, ORATOR 10 OVERLAY D.A.D. 240/80
- 129 NOTE: 3. E28 CAN ONLY USE INTEL/AMD2764 EPROMS WITH ADAPTOR SOCKET 7019647-00 OR A ROM. ALL OTHER
- 130 NOTE: LOCATIONS CAN USE TI2564 WITHOUT ADAPTOR SOCKET OR INTEL/AMD2764 WITH ADAPTOR SOCKET OR A ROM.

D	I	G	I	T	A	L	TITLE	LA100 LOGIC BOARD	SECTION B OF B	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5414256-0-DBP	N

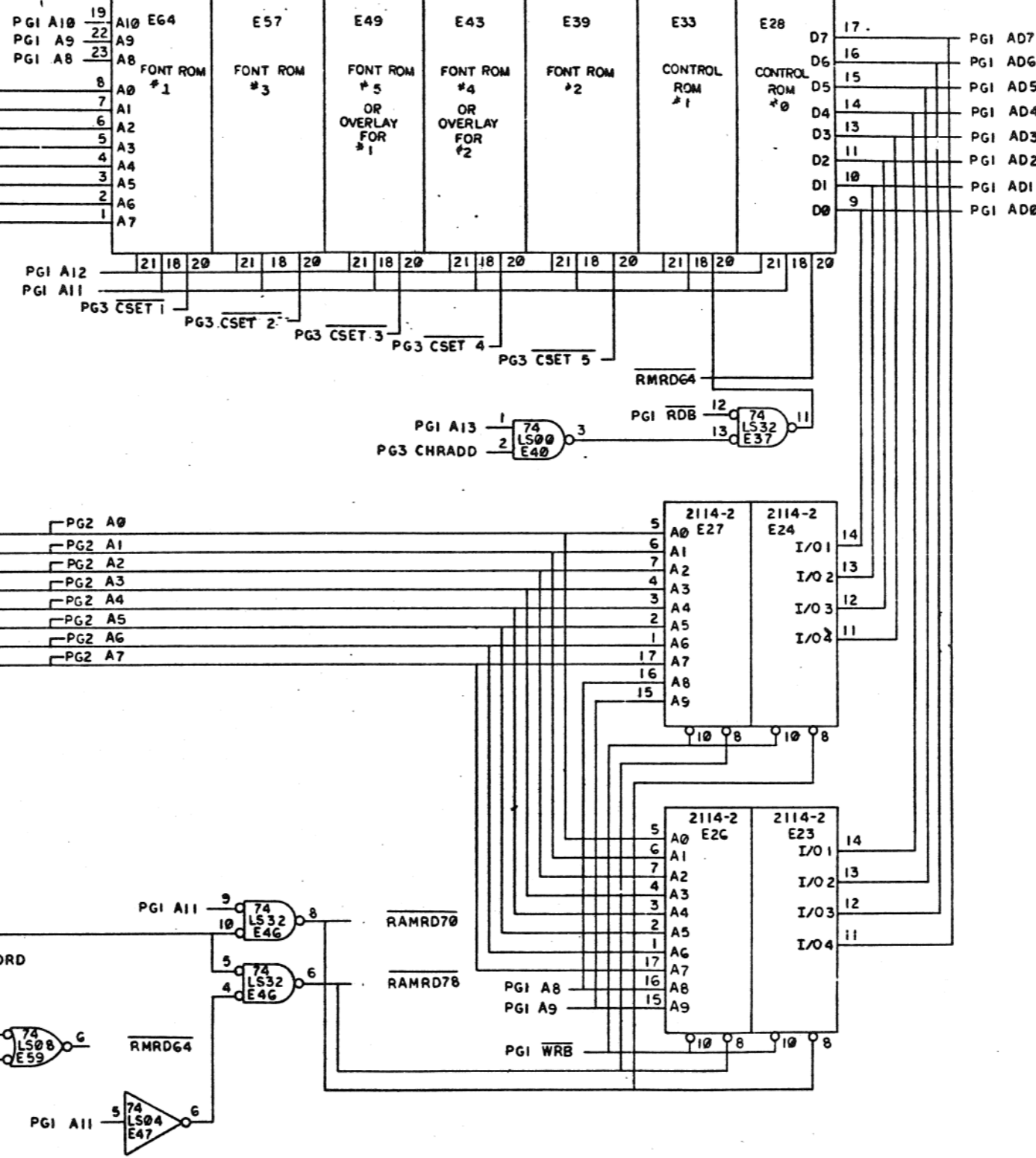


REV	DATE	BY	DESCRIPTION
1	5-11-82	E. KING	INITIAL DESIGN
2	5-11-82	E. KING	REVISED FOR MANUFACTURE
3	5-11-82	E. KING	REVISED FOR MANUFACTURE
4	5-11-82	E. KING	REVISED FOR MANUFACTURE
5	5-11-82	E. KING	REVISED FOR MANUFACTURE
6	5-11-82	E. KING	REVISED FOR MANUFACTURE
7	5-11-82	E. KING	REVISED FOR MANUFACTURE
8	5-11-82	E. KING	REVISED FOR MANUFACTURE
9	5-11-82	E. KING	REVISED FOR MANUFACTURE
10	5-11-82	E. KING	REVISED FOR MANUFACTURE

DATE	5-11-82	TITLE	LA00 digital
CHKD BY	E. KING	DATE	4 JUN 81
DESIGN	E. KING	DATE	3/8/81
REP. END	E. KING	DATE	3/8/81
WIP. END	E. KING	DATE	3/8/81
DATE	5-11-82	SCALE	1:1
DOC. NO.	DCS 5414256-C-1	SHEET	1 OF 2

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DCS 5414256-0-1

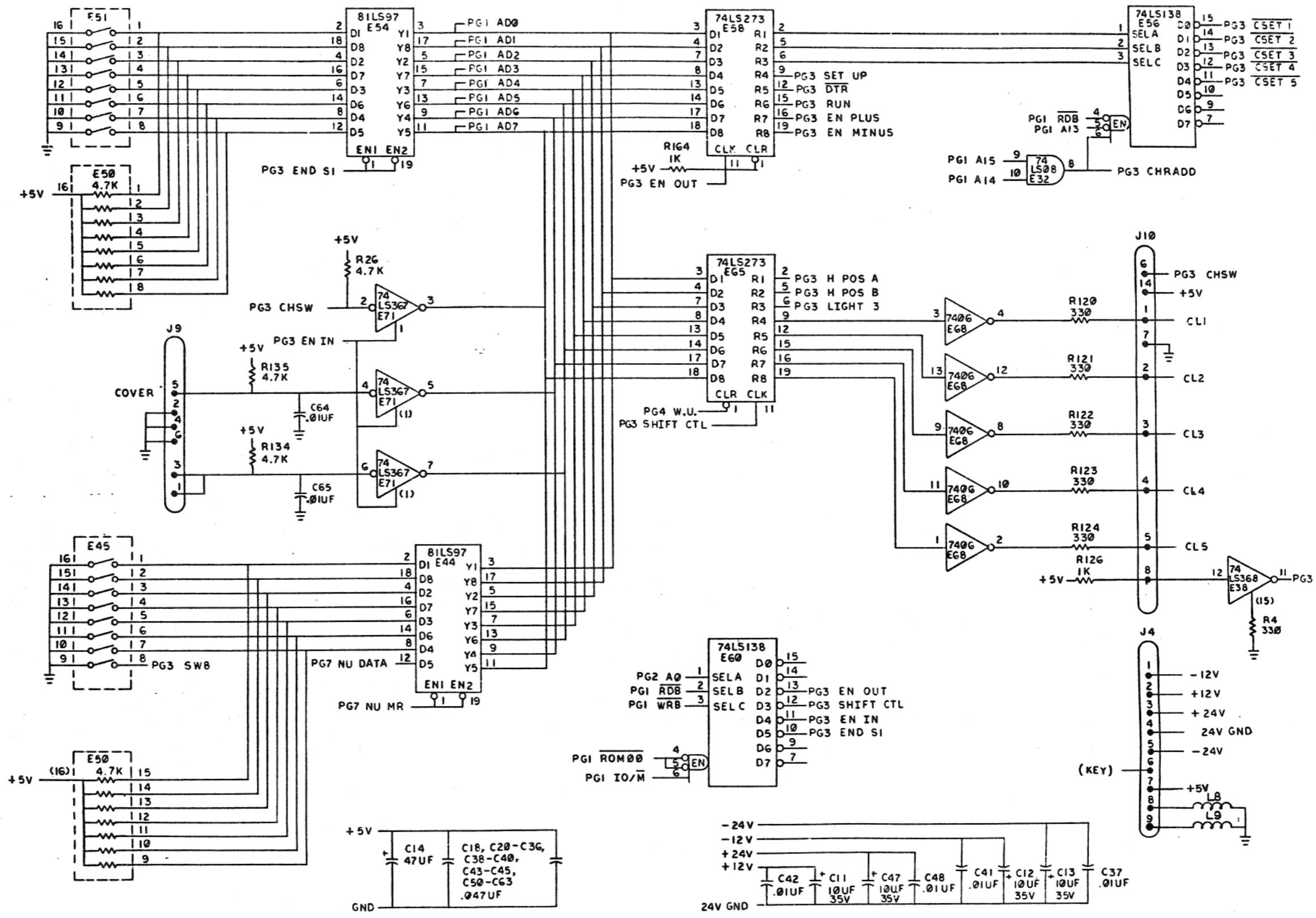


- NOTES:
1. SHEET 8 OF 8 TO REPLACE SHEET 2 FOR DMT TESTING.
 2. E39 AND E43 CAN NOT BE USED IF E63 AND THE MULTI FONT OPTION ARE INSTALLED.

REVISION HISTORY		
DATE	ECO NUMBER	REV

TITLE LA100 LOGIC BD (PG2)
 DOCUMENT NUMBER DCS 5414256-0-1
 SCALE SHEET 2 OF 8

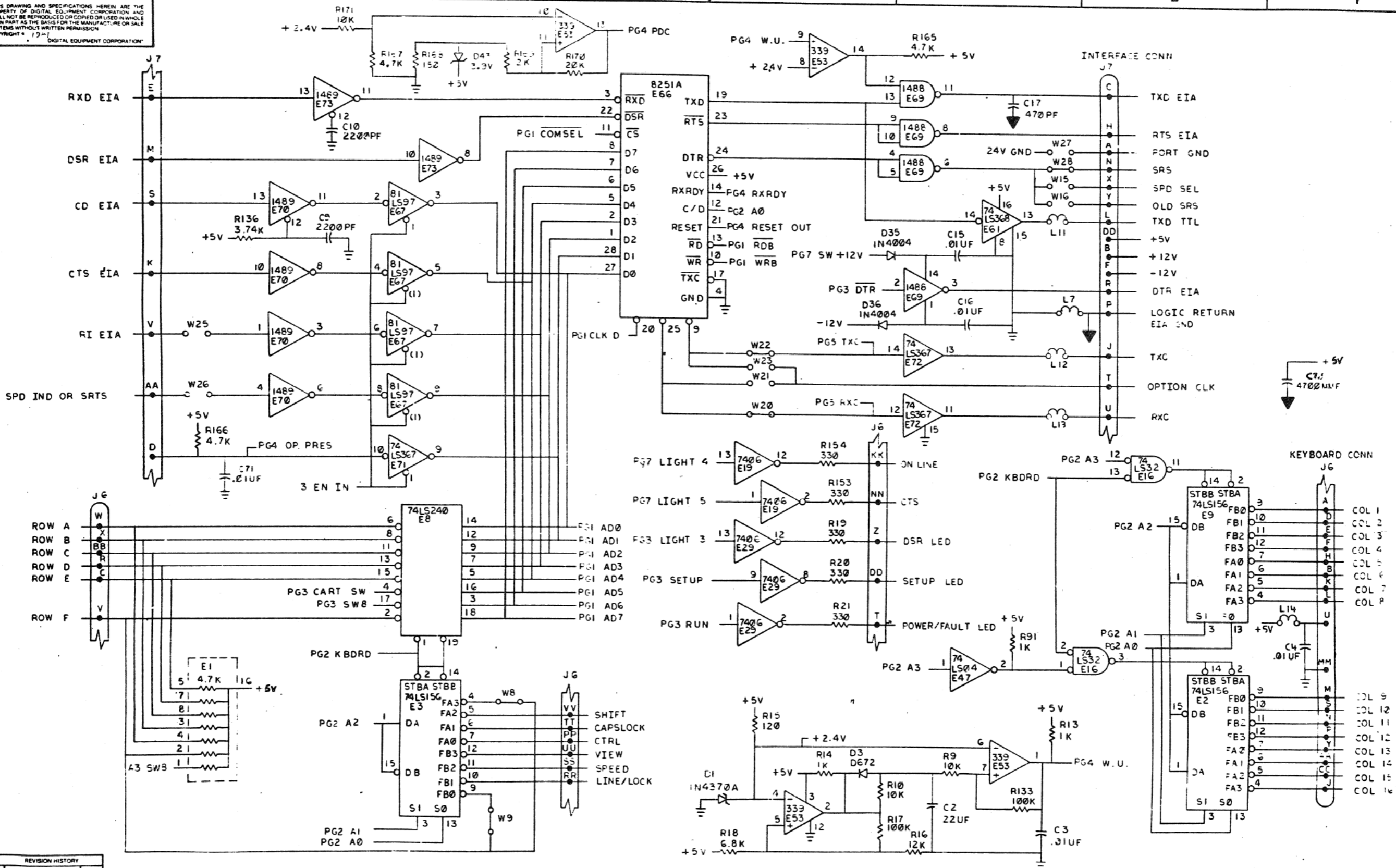
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REVISION HISTORY		
DATE	ECO NUMBER	REV

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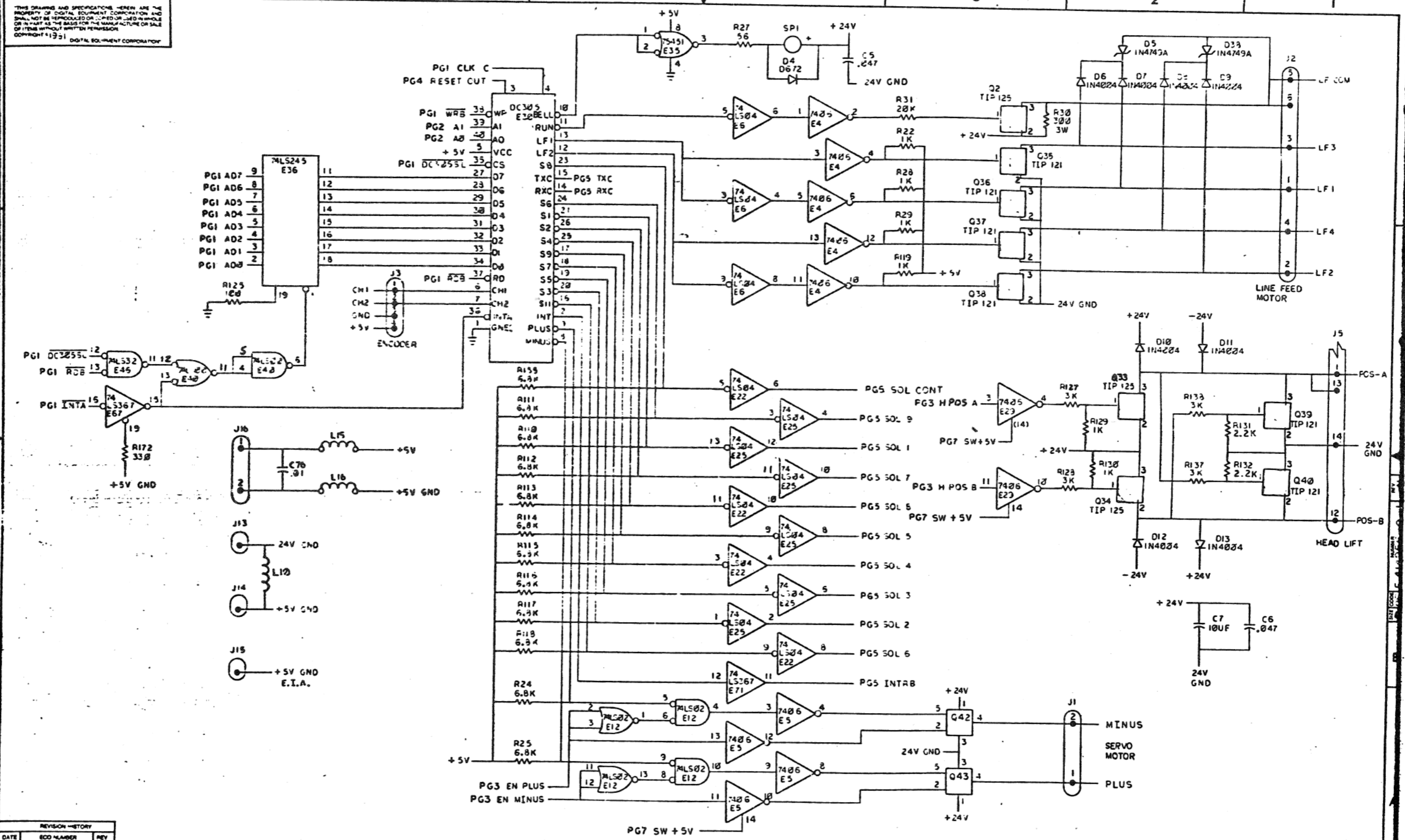
REVISION HISTORY		
DATE	ECO NUMBER	REV

TITLE LA100 LOGIC BD (PG4)

DOCUMENT NUMBER			
SIZE	CODE	NUMBER	REV
D	DCS	5414256-0-1	N
SCALE	SHEET 1 OF 2		

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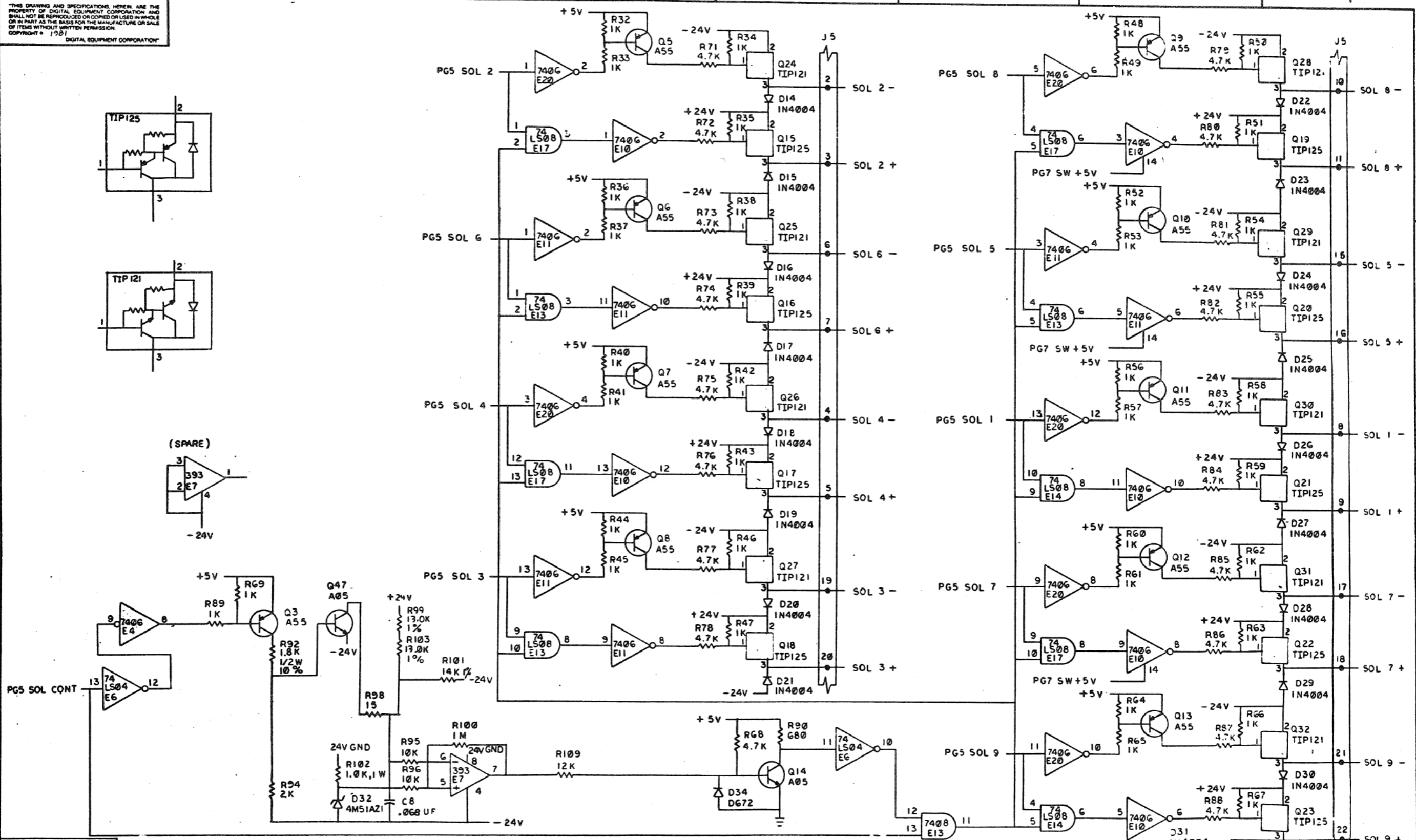
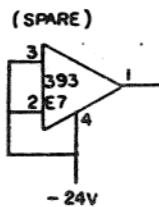
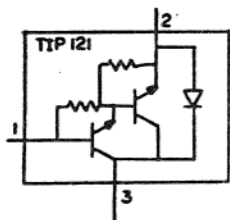
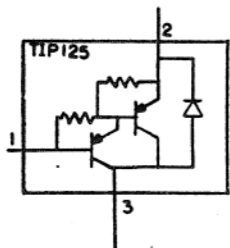


REVISION HISTORY		
DATE	ECO NUMBER	REV

TITLE LAI LOGIC BOARD
 DOCUMENT NUMBER DC3 5414256-0-1
 SCALE (P. 5)
 SHEET 5 OF 8

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REVISION HISTORY		
DATE	ECO NUMBER	REV.

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PGI AD0 3
PGI AD1 4
PGI AD2 7
PGI A10 8
PGI A9 13
PGI A8 14
PG2 A8 17
PGI AD7 18
PGI WU 11
PGI CE7 10
PGI WRB 9
PGI CE7 5
PGI RDB 4

74LS273 E21
D1 R1
D2 R2
D3 R3
D4 R4
D5 R5
D6 R6
D7 R7
D8 R8
CLR CLK
1 11

74LS32 E16
8
74LS32 E16
6 PG7 NU MR

+5V
R147 10K
R148 4.7K
393 E15
7

PG4 PDC
D40 IN796A
R159 1K
Q45 A05
D39 DE72
R158 1K
R157 1K
Q44 2904A
R173 560
R156 1K
R23 1K
Q1 2904A
D41 D672
R161 2.2K
R160 1K
Q46 2904A
PG7 SW +5V
PG7 SW +12V

D42 D664
PG7 SW +12V
R149 2.2K
R151 2.2K
R152 2.2K
R150 2.2K
7406 E19
7406 E19
7406 E19
7406 E19
C3 1400 E18
VSS 1
VGG 2 -24V
C1
CLK
DATA
12

R139 10K
R140 2.2K
Q41 A55
R142 27K
R143 10K
R141 330K

+5V
R144 4.7K
R145 10K
393 E15
4
R146 2.2K
PG7 CARTEN
PG7 NU DATA

D37 D672
PG7 CARTEN
74LS04 E47
7406 E68
D2 D672
R162 1K
R163 1K
Q4 2904

PG2 A7 2
PG2 A6 18
PG2 A5 4
PG2 A4 16
PG2 A3 6
PG2 A2 14
PG2 A1 12
PG2 A0 8
D1 Y1
D8 Y8
D2 Y2
D7 Y7
D3 Y3
D6 Y6
D5 Y5
D4 Y4
EN1 EN2
81LS97 E74

PGI A12
PGI A11
PGI A10
PGI A9
PGI A8
74367 E62
74367 E62
74367 E62
74367 E62
74367 E62
(1)
(15)
(1)
(1)

PG3 C SET 4
J12
E1LS97 E63
D1 Y1
D8 Y8
D2 Y2
D7 Y7
D3 Y3
D6 Y6
D5 Y5
D4 Y4
D3 Y3
D2 Y2
EN1 EN2
PGI AD7
PGI AD6
PGI AD5
PGI AD4
PGI AD3
PGI AD2
PGI AD1
PGI AD0

NOTE E63 INSTALLED WHEN USING THE MULTIPLE FCNT OPTION.

REVISION HISTORY		
DATE	ECO NUMBER	REV.

DOCUMENT NUMBER		REV.
DCS	5414256-0-1	N

TITLE LA100 LOGIC BD. (PG7)

SCALE SHEET 7 OF 3

58

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N 1-0-55414256-0-1

6

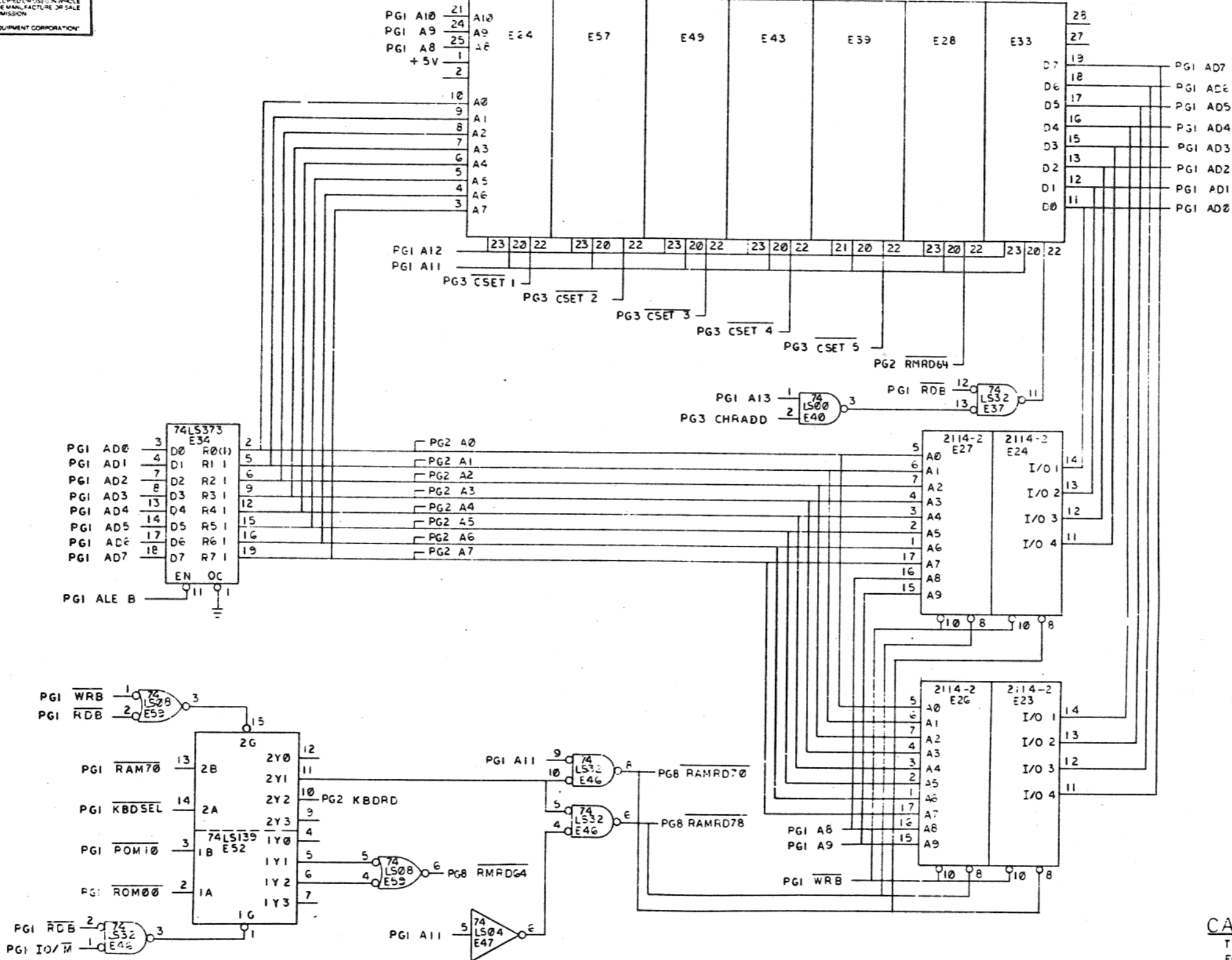
5

4

3

2

1



CAUTION:
 THIS SHEET TO REPLACE SHEET 2 OF 8
 FOR DMT TESTING ONLY.

REVISION HISTORY		
DATE	ECO NUMBER	REV

TITLE
 LA100
 LOGIC BD. (Pg.3)

DOCUMENT NUMBER		REV.
DCS 5414256-0-1		N

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7018388-0-0

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2

LAST PCA WAS 1204

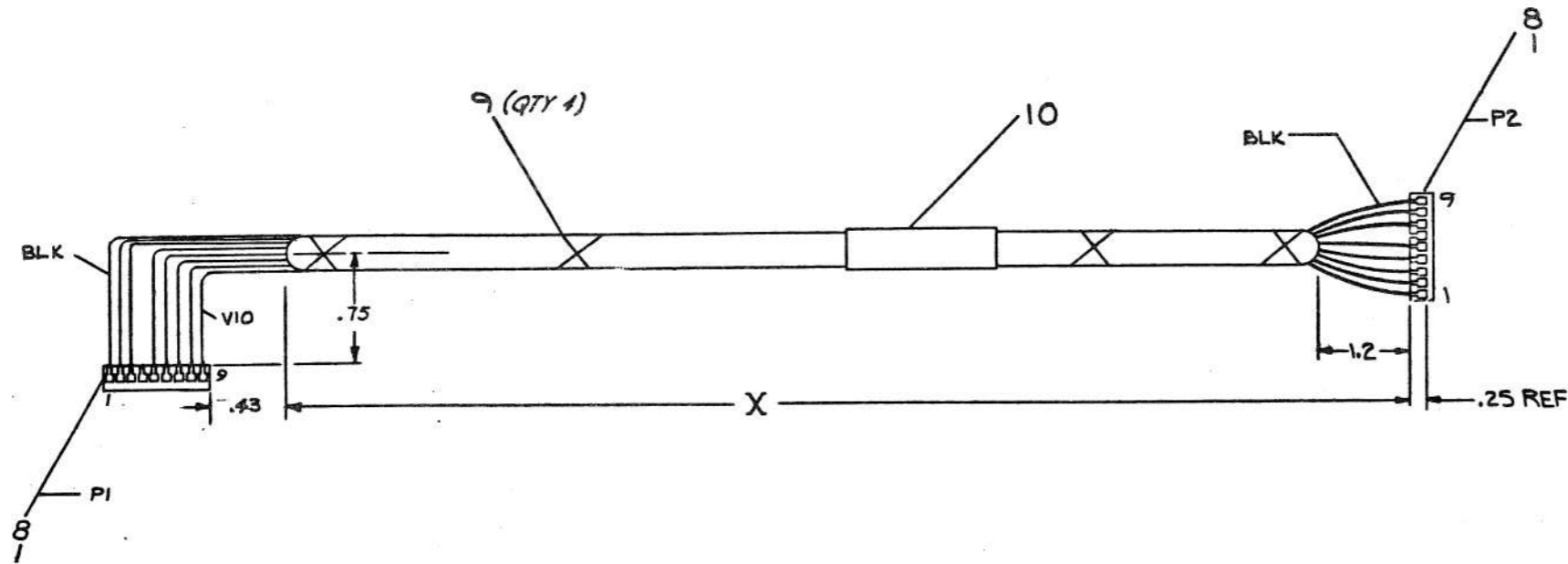
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WIRE TABLE						
ITEM NO.	DESCRIPTION	FROM	TO	LENGTH	SIGNAL	
4	18 BLK	P1-1	P2-9	19.40	+5V RTN	
4	18 BLK	P1-2	P2-8	19.25	+5V RTN	
3	18 RED	P1-3	P2-7	19.10	+5V	
8	-	P1-4	-	-	KEY	
5	18 BLU	P1-5	P2-5	18.80	-24V	
4	18 BLK	P1-6	P2-4	18.65	+24V RTN	
2	18 ORN	P1-7	P2-3	18.50	+24V	
6	18 WHT	P1-8	P2-2	18.35	+24V	
7	18 VIO	P1-9	P2-1	18.20	-24V	
8	-	P2-6	-	-	KEY	

LEGEND		
NUMBER	DIM X VARIATION	DIM Y (PRECUT) REF
7018388-1E	17.00 IN. ± 1.0 IN	SEE WIRE TABLE

NOTES:

- USE CABLE TIES (X) ITEM 9 APPROX. EVERY FOUR (4) INCHES.
- NO STRIPPING OR TINNING REQUIRED.
- KEY PLUG ITEM #8 TO BE INSERTED INTO P2-6 AND P1-4.



CAUTION: OFF SHEET PARTS LIST EXISTS REFER TO K-PL-7018388-0-DBP

REVISION HISTORY	REV	INITIAL
DATE	1000	A

DESCRIPTION	DRAWING NO	PART NO	ITEM NO
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)			
INCHES TOLERANCES	ANGLES ± 30°	APPLICABLE DIMENSION RANGE	
		OVER TO	OVER TO
XX ± .02	SURFACE QUALITY	0.2 TO 1.2	1.2 TO 4.0
XXX ± .005		1.2 TO 4.0	4.0 TO 12.0
QUANTITY & VARIATION	THIRD ANGLE PROJECTION	MICROINCHES	
		0.004	0.008
DATE	DATE	DATE	DATE
9-JAN-81	11-JUNE-82	11-JUNE-82	11-JUNE-82
DESIGNED BY P. BABINEAU	CHECKED BY E. J. Tread	DATE 6-17-82	
DO NOT SCALE DRAWING		TITLE	
REMOVE BURRS AND BREAK SHARP CORNERS		CABLE ASSY. LOGIC / POWER	
MATERIAL SEE PARTS LIST		DOCUMENT NUMBER	
FINISH ++		DIA 7018388-0-0	
EQUIPMENT REFERENCE --AD-7017967-0-0		SCALE NONE	

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LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION
1	1	1215306-00	CONN, IDC 09POS(1X09), 156CC TIN	2
2	2	9107360-33	WIRE, 18AWG(19/30)IPVC 150V	A/R
3	3	9107360-22	WIRE, 18AWG(19/30)IPVC 150V	A/R
4	4	9107360-00	WIRE, 18AWG(19/30)IPVC 150V	A/R
5	5	9107360-56	WIRE, 18AWG(19/30)IPVC 150V	A/R
6	6	9107360-99	WIRE, 18AWG(19/30)IPVC 150V	A/R
7	7	9107360-77	WIRE, 18AWG(19/30)IPVC 150V	A/R
8	8	1215588-00	CONN,PTS KEYING PLUG USE W 12	2
9	9	9010190-00	TIE,CABLE BUNDL,DIA - 5/8"MAX	4
10	10	3616073-00	LABEL,ID W/COPY VERTICAL	1

REVISION HISTORY			BASIC PART NO: 7018388		DRN:	P. MONTANO	DATE: 02-JUN-82	D I G I T A L	
ENG!	ECO NUMBER	REV	SECTION A OF A	CHK'D:	L. GILBERT	DATE: 02-JUN-82	TITLE	PARTS LIST	
	INITIAL	A	SECTION, VARIATION INDEX [A] 1E				CABLE ASY LOGIC/POWER		
			[B]	DES.ENG.:	E. NEAL	DATE: 02-JUN-82			
			[C]	RESP.ENG.:	E. NEAL	DATE: 02-JUN-82	DOCUMENT NUMBER		
			[D]				SIZE!CODE! NUMBER	REV	
			[E]	MFG.ENG.:	E. NEAL	DATE: 02-JUN-82	K	PL	7018388-0-DBP
			[F]	ASSEMBLY NUMBER:	D-IA-7018388-0-0	TOP DOCUMENT NUMBER:	E-AD-7017867-0-0	FILE NAME:	Z8388A.PLS

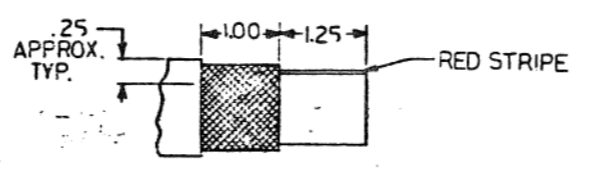
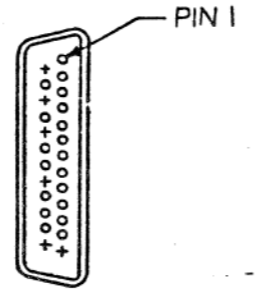
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8 7 6 5 4 3 2 1 LAST PCA X031

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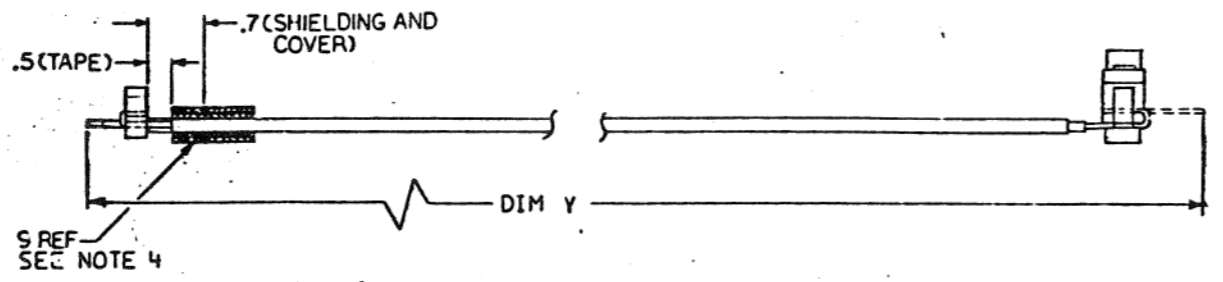
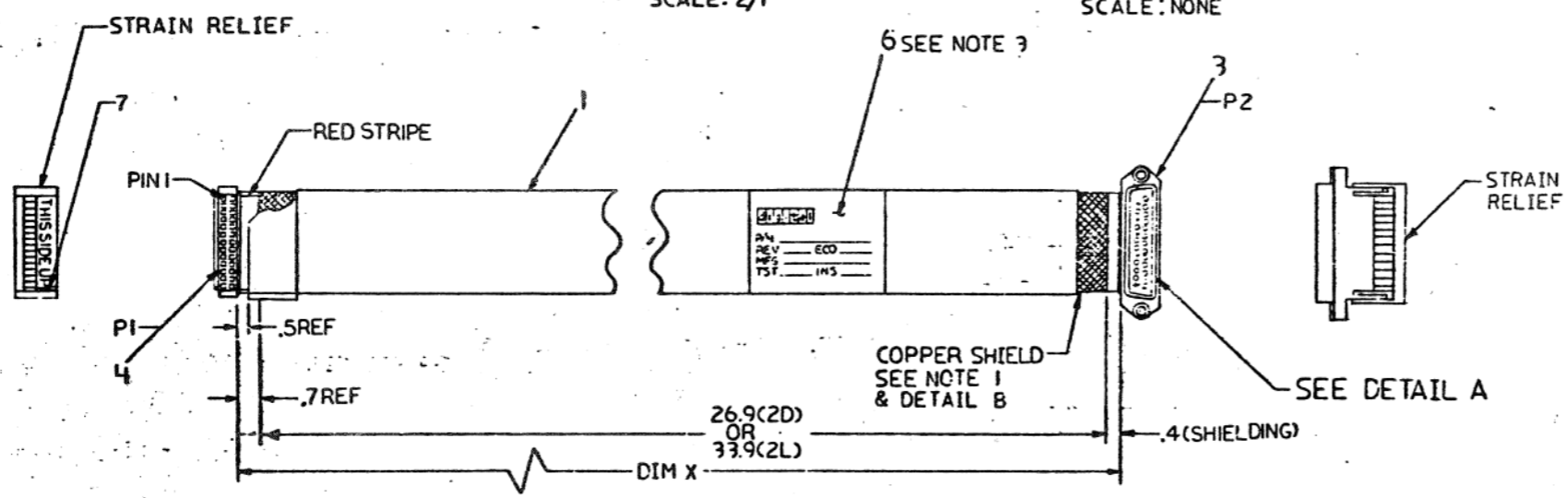
LEGEND		
NUMBER	DIM X VARIATION	DIM Y (PERCENT) REF
7018977-2L	2 FT, 11 IN ± 1 IN.	3 FT, 1 IN.
7018977-2D	2 FT, 4 IN ± 1 IN.	2 FT, 6 IN.

- NOTES:
1. STRIP BACK CABLE APPROX. 2.25 INCHES TO EXPOSE COPPER SHIELD. CUT AWAY COPPER SHIELD 1.25 INCHES TO LEAVE APPROX. 1.00 INCH OF COPPER SHIELD LEFT.
 2. ARROW OR INDEX MARK ON ITEM #4 INDICATES CONTACT POSITION #1.
 3. EITHER OF TWO METHODS OF CABLE IDENTIFICATION ARE ACCEPTABLE: I.D. LABEL P/N 3616073-00 (FOLDED IN HALF AROUND CABLE) OR RUBBER STAMP. LABEL OR STAMP SHALL CONTAIN THE FOLLOWING: DEC PART NO., REV. AND DATE CODE.
 4. WRAP TWO (2) LAYERS OF TAPE ITEM 9, AT THIS END OF CABLE AS SHOWN.



DETAIL A SCALE: 2/1

DETAIL B (BEFORE ASSY) SCALE: NONE



CAUTION: OFF SHEET PARTS LIST EXISTS REFER TO K-PL-7018972-0-DBP

DESCRIPTION	DRAWING NO	PART NO	ITEM NO		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY PER DEC STD 1141					
INCHES TOLERANCES	ANGLES 10°/30°	APPLICABLE DIMENSION RANGE			
		OVER	OVER	OVER	OVER
XX ± .1	✓	TO	TO	TO	TO
XX ± .02	✓	TO	TO	TO	TO
XXX ± .005	✓	TO	TO	TO	TO
QUANTITY & VARIATION	THIRD ANGLE PROJECTION	DATE	TITLE		
		2 OCT 91	CABLE ASSY EIA		
DO NOT SCALE DRAWING	DESIGN	DATE	DOCUMENT NUMBER		
REMOVE BURRS AND BREAK SHARP CORNERS	DATE	DATE	DIA 7018977-0-01 D		
MATERIAL SEE PARTS LIST	DATE	DATE			
FINISH	DATE	DATE			

REVISION HISTORY	ECO NUMBER	REV	INITIAL	DATE
		A		
		B		
		C		
		D		
		E		

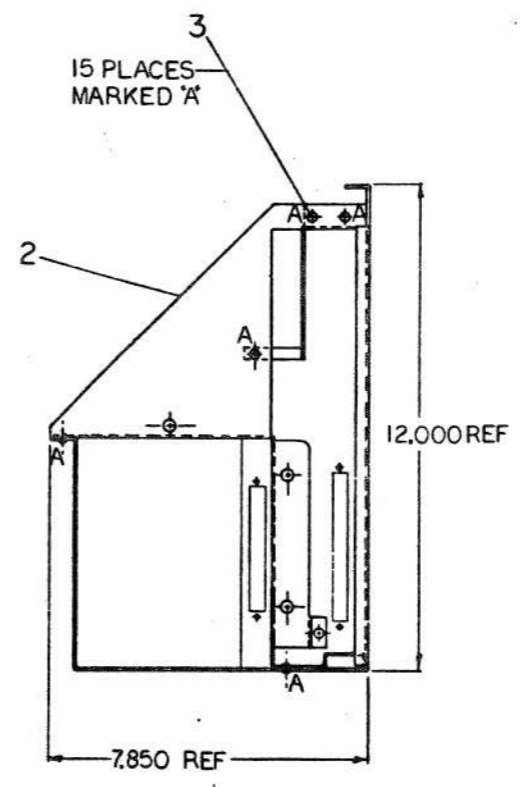
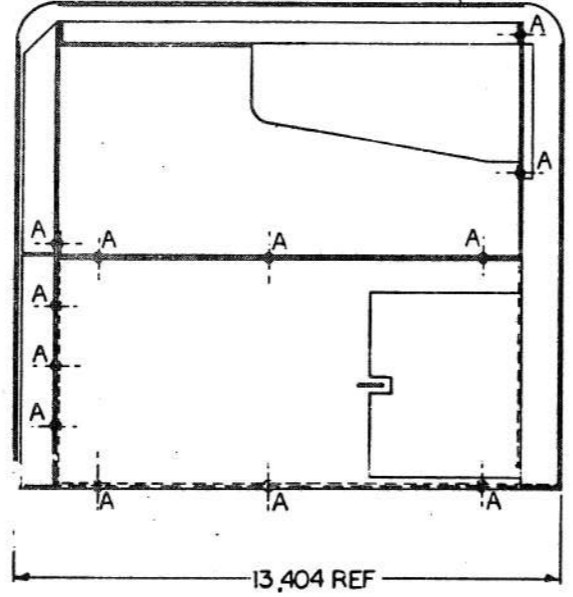
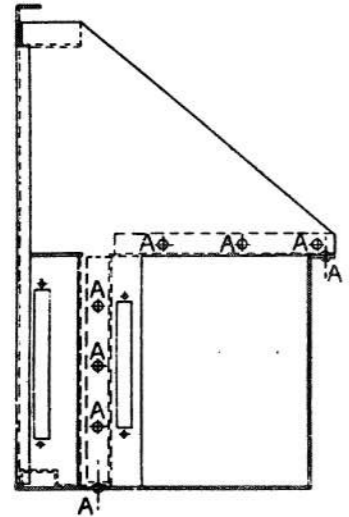
8 7 6 5 4 3 2 1

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION	
				2L	2D
1	1	1700305-01	CABLE,RIBBON BOND 25COND 28AWG	A/R	A/R
2	2	9007969-00	*** THIS ITEM IS NOT USED ***	-	-
3	3	1218183-01	CONN,D SUB 19PIN ASSY STRAIGHTAL	1	1
4	4	1211206-04	CONN,IDC 26SKT(2X13).100CC GOL	1	1
5	5	9107836-55	*** THIS ITEM IS NOT USED ***	-	-
6	6	3616073-00	LABEL,ID W/COPY VERTICAL	1	1
7	7	3611567-01	LABEL -THIS SIDE UP- 1.0 X .25	1	1
8	8	3700456-00	INST. PKG GEN PURPOSE 9906087-XX	1	1
9	9	9009507-00	TAPE,VINYL ADH .75 WDX .00	A/R	A/R

REVISION HISTORY			BASIC PART NO: 7018977			DIGITAIL			
ENG	ECO NUMBER	REV	SECTION A OF A	DRN:	B. CSERPES	DATE:	24-MAY-82	TITLE	PARTS LIST
---	INITIAL	A	SECTION. VARIATION INDEX	CHK'D:	L. GILBERT	DATE:	24-MAY-82	CABLE, SHIELDED EIA	
EK	7018977-PN001	B	[A] 2L,2D	DES.ENG.:	S. ROBERTS	DATE:	24-MAY-82	DOCUMENT NUMBER	
EK	7018977-PN002	C	[B]	RESP.ENG.:	S. ROBERTS	DATE:	24-MAY-82	SIZE	CODE
EK	7018977-PN003	D	[C]	MFG.ENG.:	S. ROBERTS	DATE:	24-MAY-82	NUMBER	REV
			[D]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:	EDIT #
			[E]	ID-IA-7018977-0-0		D-IA-7018944-0-0		Z8977D.PLS	6
			[F]	*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) 1984. DIGITAL EQUIPMENT CORPORATION *					

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8 7 6 5 4 3 2 1



REV.	DATE	ECO NUMBER	REVISION HISTORY

8 7 6 5 4 3 2 1

15 POP RIVET	PC-09626	3
1 ENCLOSURE POWER SUPPLY	EMD-7424133-0-0	2
1 CHASSIS WELDMENT	DIA-7017539-0-0	1

DESCRIPTION		DRAWING NO.	PART NO.	ITEM NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)							
INCHES TOLERANCES	ANGLES ± 0°30'	APPLICABLE DIMENSION RANGE (CHECK ONE)	DIMENSION RANGE IN INCHES				
			OVER 6 TO 0.2	OVER 0.2 TO 1.2	OVER 1.2 TO 4.0	OVER 4.0 TO 12.0	OVER 12.0 TO 48.0
X ± 0.1	SURFACE QUALITY	<input type="checkbox"/> AS SHOWN <input type="checkbox"/> MICRONS	± 0.01	± 0.008	± 0.012	± 0.016	± 0.024
XX ± 0.08			± 0.01	± 0.008	± 0.012	± 0.016	± 0.024
XXX ± 0.005			± 0.01	± 0.008	± 0.012	± 0.016	± 0.024
THIRD ANGLE PROJECTION	DRN	DATE	TITLE				
DO NOT SCALE DRAWING	DESIGNED BY	DATE	CHASSIS POWER SUPPLY				
REMOVE BURRS AND BREAK SHARP CORNERS	DESIGNED BY	DATE	DOCUMENT NUMBER				
MATERIAL	DESIGNED BY	DATE	DIA-7017539-0-0				
FINISH 02-0015(1-95)	DESIGNED BY	DATE	SCALE 1/2" = 1"				

DIA-7017539-0-0

digital

04

AUTOMATED BY PRTLST,3M(41)

PARTS LIST

SHEET A1 OF A1

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION
1	1	C-AD-7017624-0-0	7017624-00	TRACTOR ASSY/SHRINK PACK	1
2	2	C-AD-LAX34-AL-2		TRACTOR OPTION ARRANGEMENT	REF
3	3	A-SP-3700530-0-0	3700530-11	PKG GEN PUR SHRINK PACK (9906088)	1

REVISION HISTORY			BASIC PART NO	DRN	DATE	DIGITAL			
ENG	ECO NUMBER	REV	SECTION A OF A	D HEALY	28-MAR-79	PARTS LIST			
---	INITIAL	A	SECTION, VARIATION INDEX	D HEALY	28-MAR-79	TRACTOR OPTION			
JB	LAX34-PN015	B	(A) AL						
			(B)	DES,ENG,I R COURTENMANCHE	26-JUL-79				
			(C)	RESP,ENG,I R COURTENMANCHE	26-JUL-79	DOCUMENT NUMBER			
			(D)			SIZE	CODE	NUMBER	REV
			(E)	MFG,ENG,I L MIER	4-DEC-79	K	PL	LAX34-AL-DBP	B
			(F)	ASSEMBLY NUMBER		TOP DOCUMENT NUMBER		FILE NAME	EDIT
					B-DD-LAX34-AL-0			ZX34AL.PLS	1

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