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TABLE OF CONTENTS, FIELD MAINTENANCE PRINT SET PART NO. MP02509-01

UNIT VARIATIONS COVERED BY THIS PRINT SET

VT320-A2, VT320-A3, VT320-B2, VT320-B3, VT320-C2, VT320-C3, VT320-G2, VT320-H2, VT320-J2

K-DD-VT320-0-00	DRAWING DIRECTORY	B-DD-5417277-0-0	MONITOR,LOGIC CONTROL MODULE
K-PL-VT320-0-DBP	PARTS LIST	B-CS-5417277-0-1	SCHEMATIC
E-UA-VT320-0-DBU	UNIT ASSY	D-UA-5417277-0-0	UNIT ASSY
B-DO-5417189-0-0	MONITOR,LOGIC CONTROL MODULE	K-PL-5417277-0-DBP	PARTS LIST
B-CS-5417189-0-1	SCHEMATIC		
D-UA-5417189-0-0	UNIT ASSY		
K-PL-5417189-0-DBP	PARTS LIST		
E-AD-7024240-0-DBU	CRT/BEZEL/YOKE ASSY	D-AD-7024244-0-DBU	POWER SUPPLY ASSY
K-PL-7024240-0-DBP	PARTS LIST	K-PL-7024244-0-DBP	PARTS LIST
B-DO-5417191-0-0	POWER SUPPLY	B-DO-5417279-0-0	POWER SUPPLY
B-CS-5417191-0-1	SCHEMATIC	B-CS-5417279-0-1	SCHEMATIC
D-UA-5417191-0-0	UNIT ASSY	D-UA-54172790-0-0	UNIT ASSY
K-PL-5417191-0-DBP	PARTS LIST	K-PL-5417279-0-DBP	PARTS LIST
E-AD-7024245-0-DBU	BOTTOM ASSY	E-AD-7024242-0-DBU	COVER ASSY
K-PL-7024245-0-DBP	PARTS LIST	K-PL-7024242-0-DBP	PARTS LIST
B-DO-5417339-0-0	ARC PROTECTION MODULE	D-IA-7024577-0-DBU	MONITOR & LOGIC W/ACR PROTECTION
B-CS-5417339-0-1	SCHEMATIC	K-PL-7024577-0-DBP	PARTS LIST
D-UA-5417339-0-0	UNIT ASSY		
K-PL-5417339-0-DBP	PARTS LIST		

REVISION HISTORY

DATE	ECO NUMBER INITIAL	REV A	DATE	ECO NUMBER	REV	DATE	ECO NUMBER	REV	DATE	ECO NUMBER	REV
d i g i t a	DRN: Bruce Harvey	DATE 24 MAR 87	TITLE: TABLE OF CONTENTS, VT320 MONO TEXT								
	CHK'D: R.J. Lin	DATE 07 JUL 87	TERMINAL W AND W/O PWR CORD								
	DES.ENG: J. Kuo	DATE 07 JUL 87									
	FLO S/C: Mike Ardehali	DATE 07 JUL 87	SECTION SHEET DOCUMENT NUMBER REV								
	MFG.ENG: Gordon Wu	DATE 07 JUL 87	A OF A 1 OF 1 K-TC-VT320-0-0 A								
TOP DOCUMENT K-DD-VT320-0-0											

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DOCUMENT/PART NO.	DESCRIPTION	DOCUMENT/PART REVISIONS
VT320-A2	MONO WHT, TEXT TERM, 120V W/ATTCH PWR CD(NO KYBD/RS232) EK-VT320-UG, VT3XX-BA(LEGEND STRIP)	A01
VT320-A3	MONO WHT, TEXT TERM, 240V W/RS232(NO KYBD/PWR) EK-VT320-UU	A01
VT320-B2	MONO GRN, TEXT TERM, 120V W/ATTCH PWR CD(NO KYBD/RS232) EK-VT320-UG, VT3XX-BA(LEGEND STRIP)	A01
VT320-B3	MONO GRN, TEXT TERM, 240V W/RS232(NO KYBD/PWR) EK-VT320-UU	AC1
VT320-C2	MONO AMB, TEXT TERM, 120V W/ATTCH PWR CD(NO KYBD/RS232) EK-VT320-UG, VT3XX-BA(LEGEND STRIP)	A01
VT320-C3	MONO AMB, TEXT TERM, 240V W/RS232(NO KYBD/PWR) EK-VT320-UU	A01
VT320-G2	MONO WHT, TEXT TERM, 120V W/RS232(NO KYBD/PWR CD) EK-VT320-UU, VT3XX-BA(LEGEND STRIP)	A01
VT320-H2	MONO GRN, TEXT TERM, 120V W/RS232(NO KYBD/PWR CD) EK-VT320-UU, VT3XX-BA(LEGEND STRIP)	A01
VT320-J2	MONO AMB, TEXT TERM, 120V W/RS232(NO KYBD/PWR CD) EK-VT320-UU, VT3XX-BA(LEGEND STRIP)	A01
K-PL-VT320-0-DBP	PARTS LIST	A
E-UA-VT320-0-DBU	UNIT ASSY	A
K-TC-VT320-0-0	TABLE OF CONTENTS	A
	DRAWING DIRECTORY REVISION	A

NOTES:

REVISION HISTORY											
DATE	ECO NUMBER	REV	DATE	ECO NUMBER	REV	DATE	ECO NUMBER	REV	DATE	ECO NUMBER	REV
	INITIAL	A									
d	1	g	i	t	a		IDRN:	Bruce Harvey	DATE 17 Mar 87	TITLE: DRAWING DIRECTORY, VT320 MONO TEXT	
							CHK'D:	R.J. Lin	DATE 07 Jul 87	TERMINAL W/ AND W/O PWR CORD	
							DES.ENG:	J. Kuo	DATE 07 Jul 87		
							RES. ENG:	O. Lin	DATE 07 Jul 87	SECTION	SHEET
							IMFG.ENG:	Gordon Wu	DATE 07 Jul 87	A OF A	1 OF 1
										DOCUMENT NUMBER	REV
										K-DD-VT320-0-0	A

AUTOMATED BY VAXKPL (V1.3)

PARTS LIST

SHEET A1 OF A2

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION								
					A2 A1	A3 A1	B2 A1	B3 A1	C2 A1	C3 A1	G2 A1	H2 A1	J2 A1
1	1 D-IA-7024577-0-DBU	70-24577-01	A	MONITOR AND LOGIC W/ARC PROTECTION	1	-	1	-	1	-	-	-	-
2	2 D-IA-7024577-0-DBU	70-24577-02	A	MONITOR AND LOGIC W/ARC PROTECTION	-	1	-	1	-	1	1	1	1
3	3 E-AD-7024240-0-DBU	70-24240-01	A	CRT/BEZEL/YOKE ASSY WHT	1	1	-	-	-	-	1	-	-
4	4 E-AD-7024240-0-DBU	70-24240-02	A	CRT/BEZEL/YOKE ASSY, GRN	-	-	1	1	-	-	-	1	-
5	5 E-AD-7024240-0-DBU	70-24240-03	A	CRT/BEZEL/YOKE ASSY, AMB	-	-	-	-	1	1	-	-	1
6	6 E-AD-7024242-0-DBU	70-24242-01	A	COVER ASSY	1	1	1	1	1	1	1	1	1
7	7 D-AD-7024244-0-DBU	70-24244-01	A	PS 120V W/ATTACHED PWR CORD	1	-	1	-	1	-	1	1	1
8	8 D-AD-7024244-0-DBU	70-24244-02	A	PS 120-240V W/O PWR CORD	-	1	-	1	-	1	1	1	1
9	9 E-AD-7024245-0-DBU	70-24245-01	A	BOTTOM ASSY	1	1	1	1	1	1	-	-	-
10	10 C-MD-7434816-0-DBU	74-34816-01	A	COVER	1	-	1	-	1	-	-	-	-
11	11 C-MD-7434531-0-DBU	74-34531-01	A	BAFFLE	1	1	1	1	1	1	1	1	1
12	12 SEE GEN NOTES 1 TO 6	36-28183-01		LABEL,REGULATORY NORTH AMERICAN VT	1	-	1	-	1	-	1	1	1
13	13 SEE GEN NOTES 1 TO 6	36-28183-02		LABEL,REGULATORY INTERNATIONAL VT3	-	1	-	1	-	1	1	1	1
14		36-26331-17		LABEL,SERIAL,VT320-A2	1	-	-	-	-	-	-	-	-
15		36-26331-18		LABEL,SERIAL,VT320-A3	-	1	-	-	-	-	-	-	-
16		36-26331-19		LABEL,SERIAL,VT320-G2	-	-	-	-	-	-	1	-	-
17		36-26331-20		LABEL,SERIAL,VT320-B2	-	-	1	-	-	-	-	-	-
18		36-26331-21		LABEL,SERIAL,VT320-B3	-	-	-	1	-	-	-	-	-
19		36-26331-22		LABEL,SERIAL,VT320-H2	-	-	-	-	-	1	-	-	-
20		36-26331-23		LABEL,SERIAL,VT320-C2	-	-	-	-	1	-	-	-	-
21		36-26331-24		LABEL,SERIAL,VT320-C3	-	-	-	-	-	1	-	-	1
22		36-26331-25		LABEL,SERIAL,VT320-J2	-	-	-	-	-	-	-	-	-
23	23 C-PA-3701001-0-DBU	37-01001-01		PKG MONITOR VT320	1	-	1	-	1	-	-	-	-
24		12-28172-01		CONN,D SUB ADAPTOR	1	-	1	-	1	-	-	-	-
25		17-00811-02		CABLE ASSY OSCOND OVAL 26AWG LAN C	1	-	1	-	1	-	-	-	-
26		36-20220-A1		LABEL,KEYBOARD,VT320 NORTH AMERICA	1	-	1	-	1	-	1	1	1
27		36-18460-01		LABEL,BAR CODE BLANK .38 X1.5	1	1	1	1	1	1	1	1	1
28		EK-VT320-UG		INSTLL/USING VT320 VIDEO TERMNL NO	1	-	1	-	1	-	-	-	-
29		EK-VT320-UU		INSTALLING AND USING THE VT320 VID	-	1	-	1	-	1	1	1	1

REVISION HISTORY		KPL MATRIX FORMAT!SECTION A OF A		DRN: J. N. LIN	D	I	G	I	T	A	L
ENG!	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 17-SEP-86	PARTS LIST					
---	INITIAL	A	[A]	A2,A3,B2,B3,C2,C3,G2,H2,J2	CHK'D: R. J. LIN	TITLE UNIT ASSY					
			[B]		DATE: 08-MAY-87	DOCUMENT NUMBER					
			[C]		DES.ENG: J. KOU	SIZE	CODE	NUMBER	REV		
			[D]		DATE: 17-SEP-86						
			[E]								
			[F]		RESP.ENG.: O. LIN	K	PL	VT320-0-DBP	A		
			[H]		DATE: 09-MAY-87						
			[J]		MFG.ENG: GORDON WU						
					DATE: 11-JUN-87	RELEASE DATE: 24-JUL-87					
						RELEASE STATUS: RELEASED					
			BASIC PART NUMBER:	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:			EDIT #		
			VT320	E-UA-VT320-0-DBU	I-K-DD-VT320-0-0	MLA0360A.PLS			32		

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P A R T S L I S T

SHEET A2 OF A2

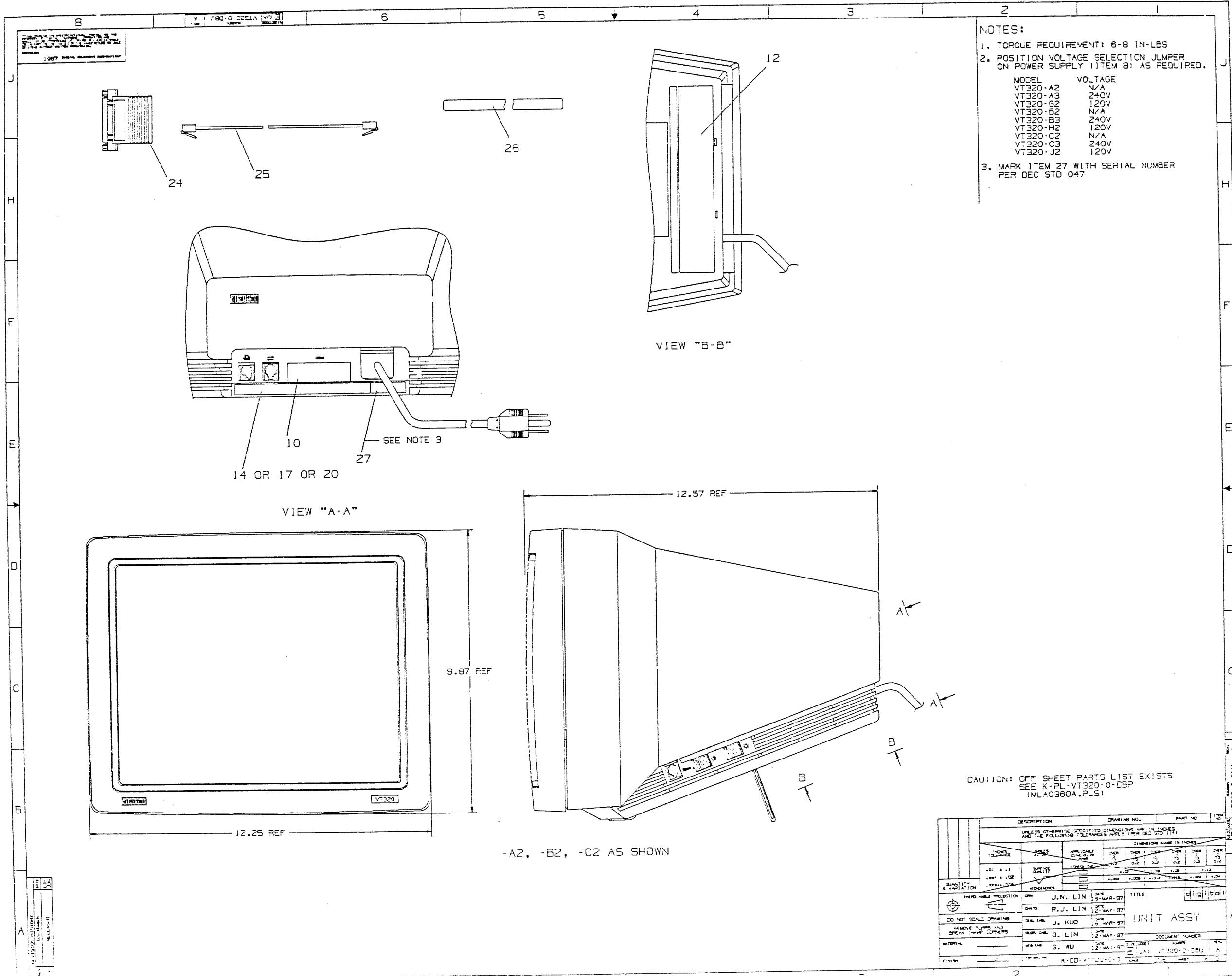
LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION							
					A2 A1	A3 A1	B2 A1	B3 A1	C2 A1	C3 A1	G2 A1	H2 A1

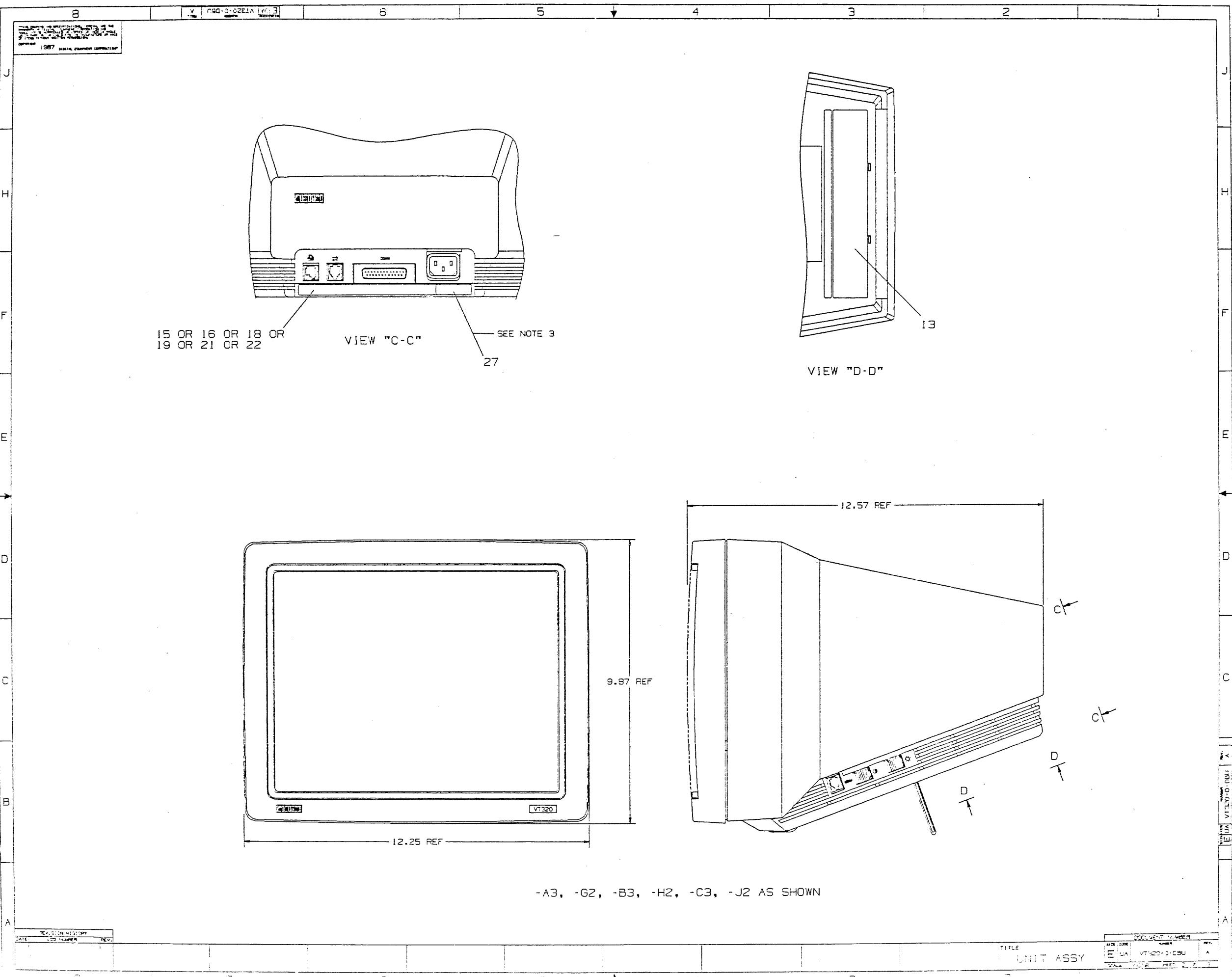
- 1 GEN: 36-28183-01 (ITEM 12) IS REQUIRED WHEN MADE IN TAIWAN.
 2 GEN: 36-28183-02 (ITEM 13) IS REQUIRED WHEN MADE IN TAIWAN.
 3 GEN: 36-28183-03 IS MANDATORY ALTERNATE FOR 36-28183-01 WHEN MADE IN HONG KONG.
 4 GEN: 36-28183-04 IS MANDATORY ALTERNATE FOR 36-28183-02 WHEN MADE IN HONG KONG.
 5 GEN: 36-28183-05 IS MANDATORY ALTERNATE FOR 36-28183-01 WHEN MADE IN MEXICO.
 6 GEN: 36-28183-06 IS MANDATORY ALTERNATE FOR 36-28183-02 WHEN MADE IN MEXICO.

D	I	G	I	T	A	L	TITLE	UNIT ASSY
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SECTION A OF A	
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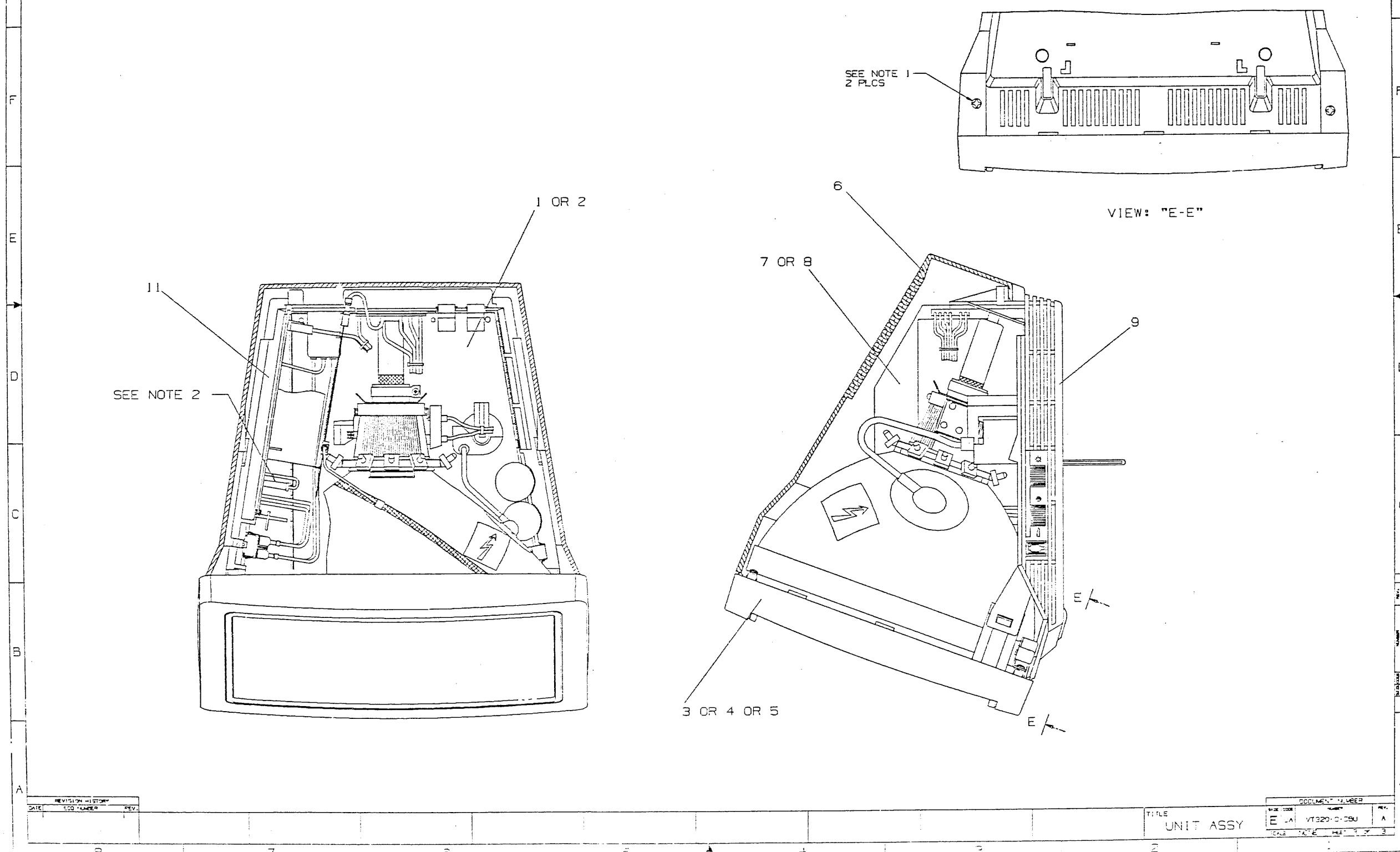
SIZE	CODE	DOCUMENT NUMBER	REV
K	PL	VT320-0-DBP	A





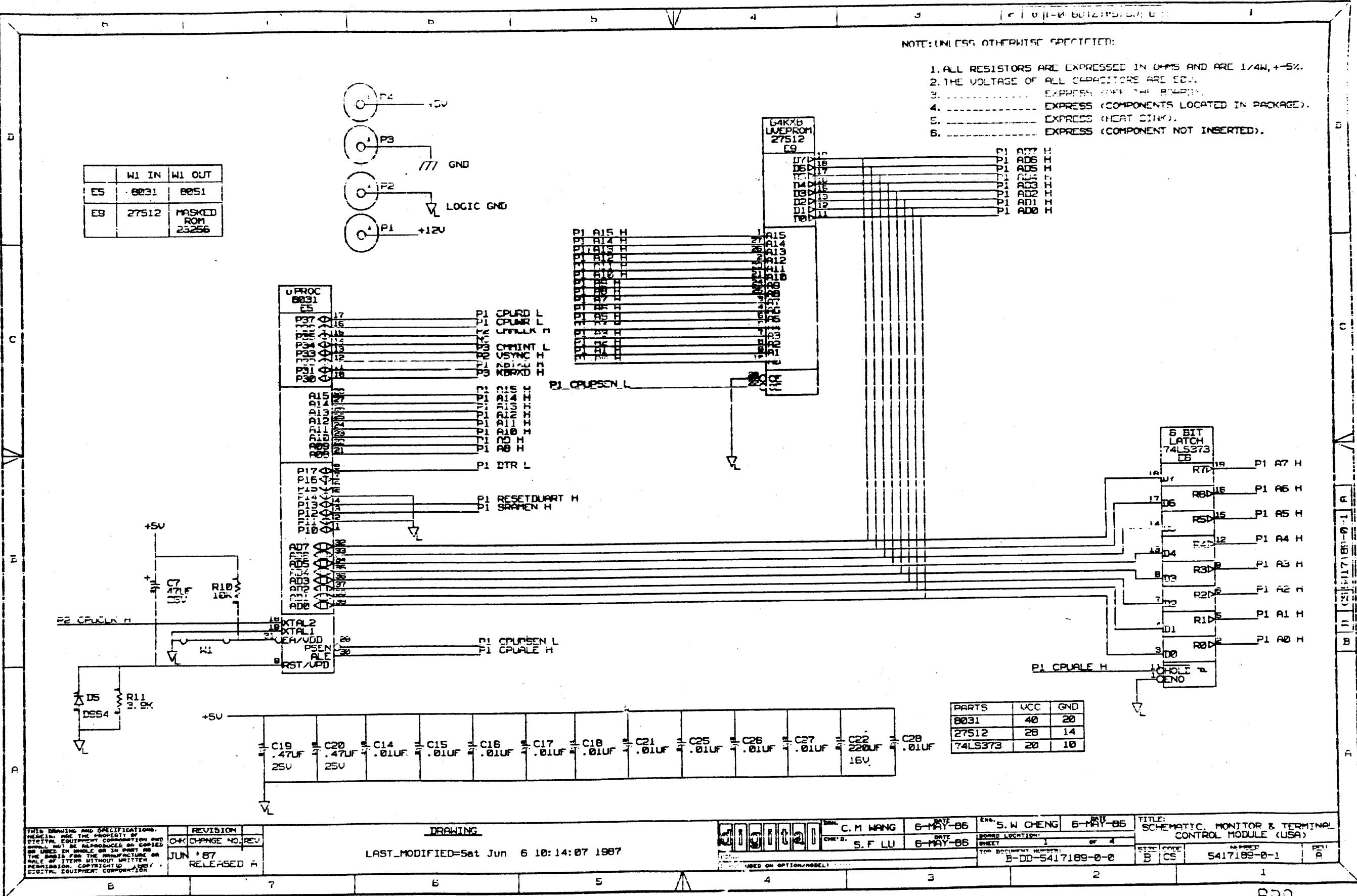
INTERCONNECTION TABLE

FROM		TO	
ITEM	DESCRIPTION	ITEM	DESCRIPTION
1 OR 2	MONITOR & LOGIC W/ARC PROTECTION FLYBACK	3 OR 4 OR 5	CRT/BEZEL/YOKE ASSY CRT ANODE
1 OR 2	MONITOR & LOGIC W/ARC PROTECTION APC PROTECTION BOARD	3 OR 4 OR 5	CRT/BEZEL/YOKE ASSY CRT
1 OR 2	MONITOR & LOGIC W/ARC PROTECTION APC PROTECTION BOARD	7 OR 8	POWER SUPPLY ASSY SHIELD GND TAB
1 OR 2	MONITOR & LOGIC W/ARC PROTECTION CONN/WIRE ASSY	7 OR 8	POWER SUPPLY ASSY J502
3 OR 4 OR 5	CRT/BEZEL/YOKE ASSY YOKE CABLE PI	1 OR 2	MONITOR & LOGIC W/ARC PROTECTION MONITOR MODULE J102
3 OR 4 OR 5	CRT/BEZEL/YOKE ASSY GROUND STRAP ASSY	7 OR 8	POWER SUPPLY ASSY SHIELD GND TAB
1 OR 2	MONITOR & LOGIC W/ARC PROTECTION MONITOR, LOGIC CONTROL MODULE WIRE W/CONNECTOR AT PB	1 OR 2	MONITOR & LOGIC W/ARC PROTECTION, MONITOR, LOGIC CONTROL MODULE, J7 IF PHILIPS CRT; J8 IF CLINTON CRT.



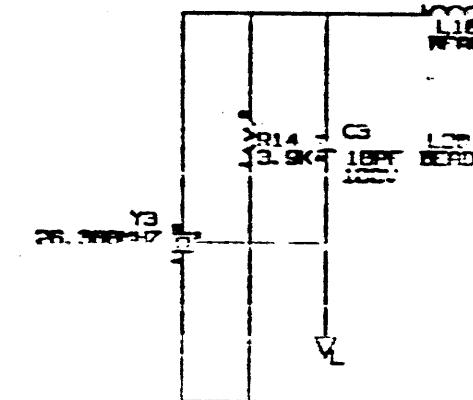
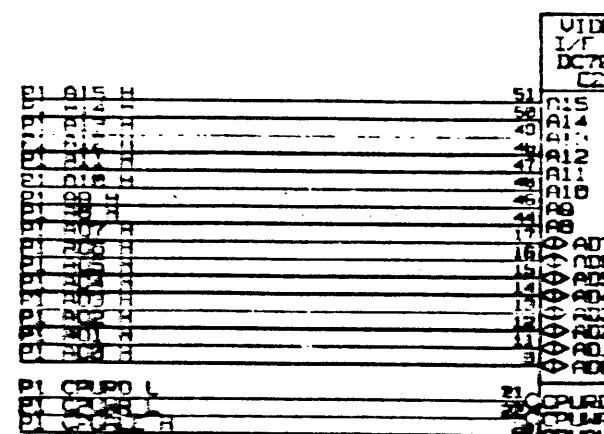
DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS												
		54-17189-01	MONITOR, LOGIC CONTROL MODULE	A1												
D-UA-5417189-0-0	1		UNIT ASSY	A												
B-CS-5417189-0-1	4		SCHEMATIC	A												
K-PL-5417189-0-DSP	4		PARTS LIST	A												
K-PC-5417189-0-DBV	1		P.C. DESIGN DATA BASE	A												
K-CS-5417189-0-DBX	1		VALID DATA BASE	A												
		50-17189-01	ETCH CIRCUIT BOARD	HCH												
B-DD-5017188-0-0	1		DRAWING DIRECTORY	A												
NOTES:				REVISION HISTORY	DATE	ECO ID.	REV.	<								
								RELEASED								
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				F. LIU	20-NOV-86	B. CHEN	20-NOV-86	L C CHEN/VR. HU	20-NOV-86	C L CHANG/S W CHENG	20-NOV-86	JUN 87	B DD	5417189-0-0	A	

BPO

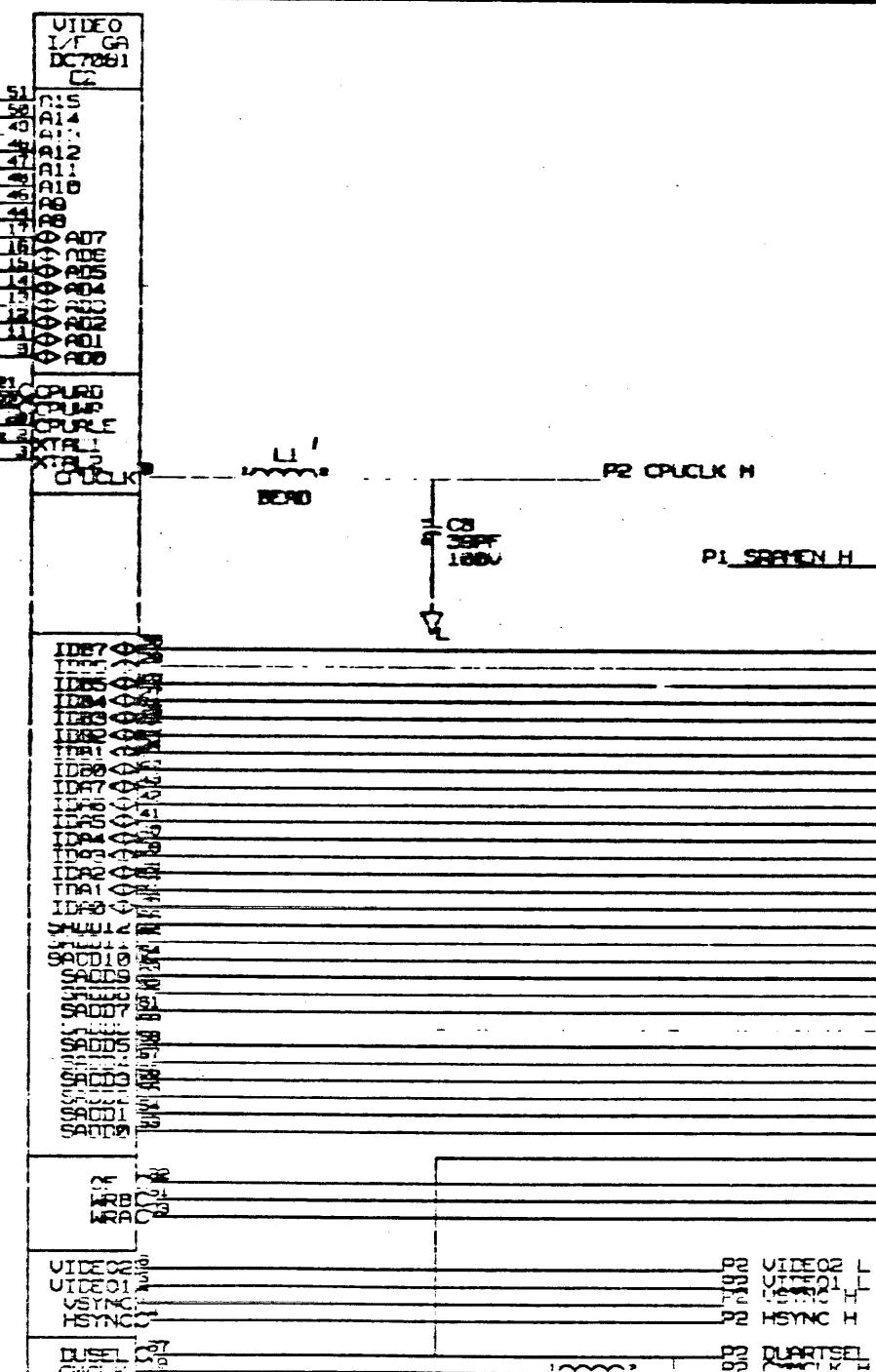


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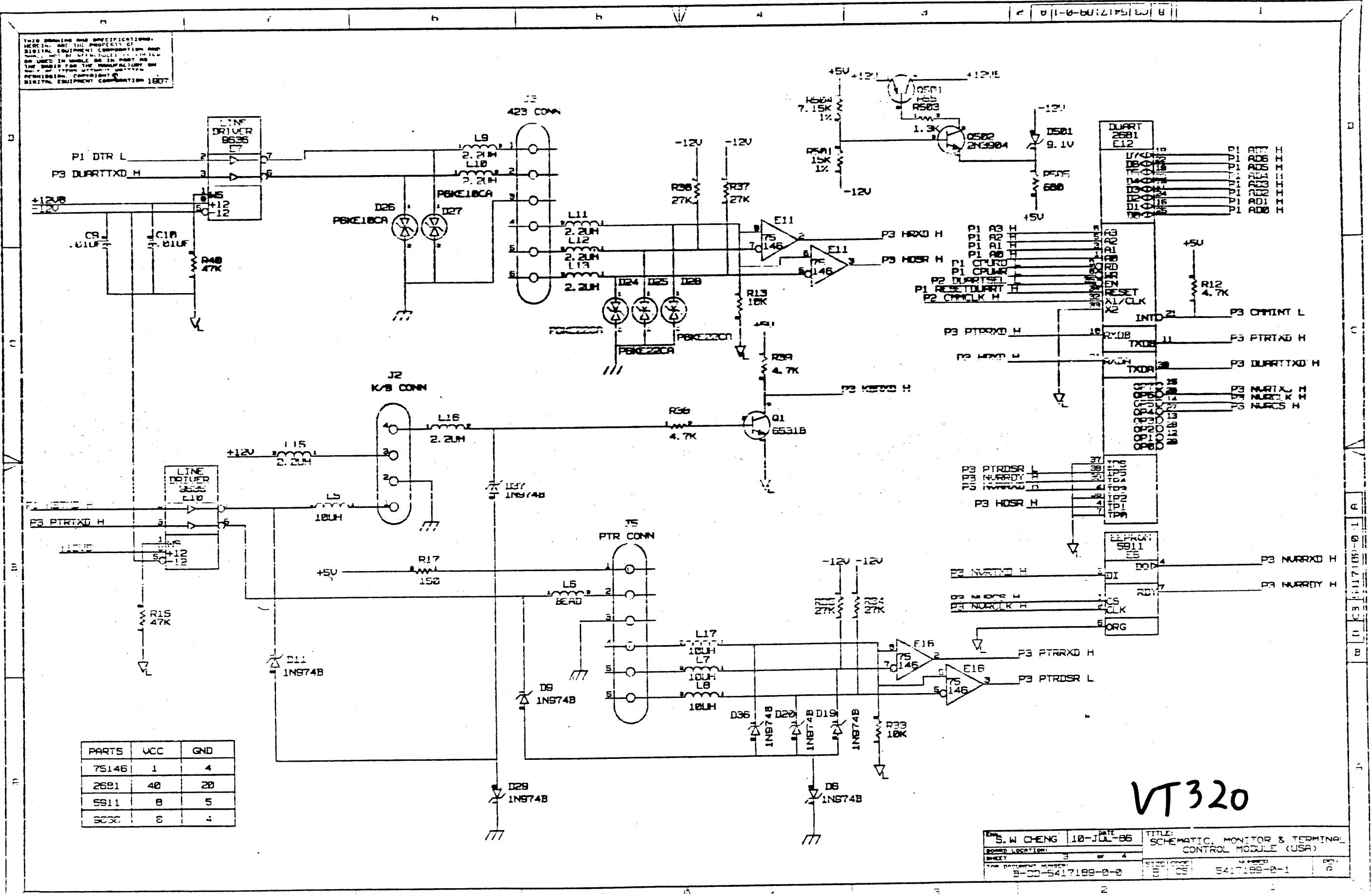


PARTS	VCC	GND
DC7881	34, 58	1, 12, 13 35, 52, 60
6204	22	14
74LS10	14	7

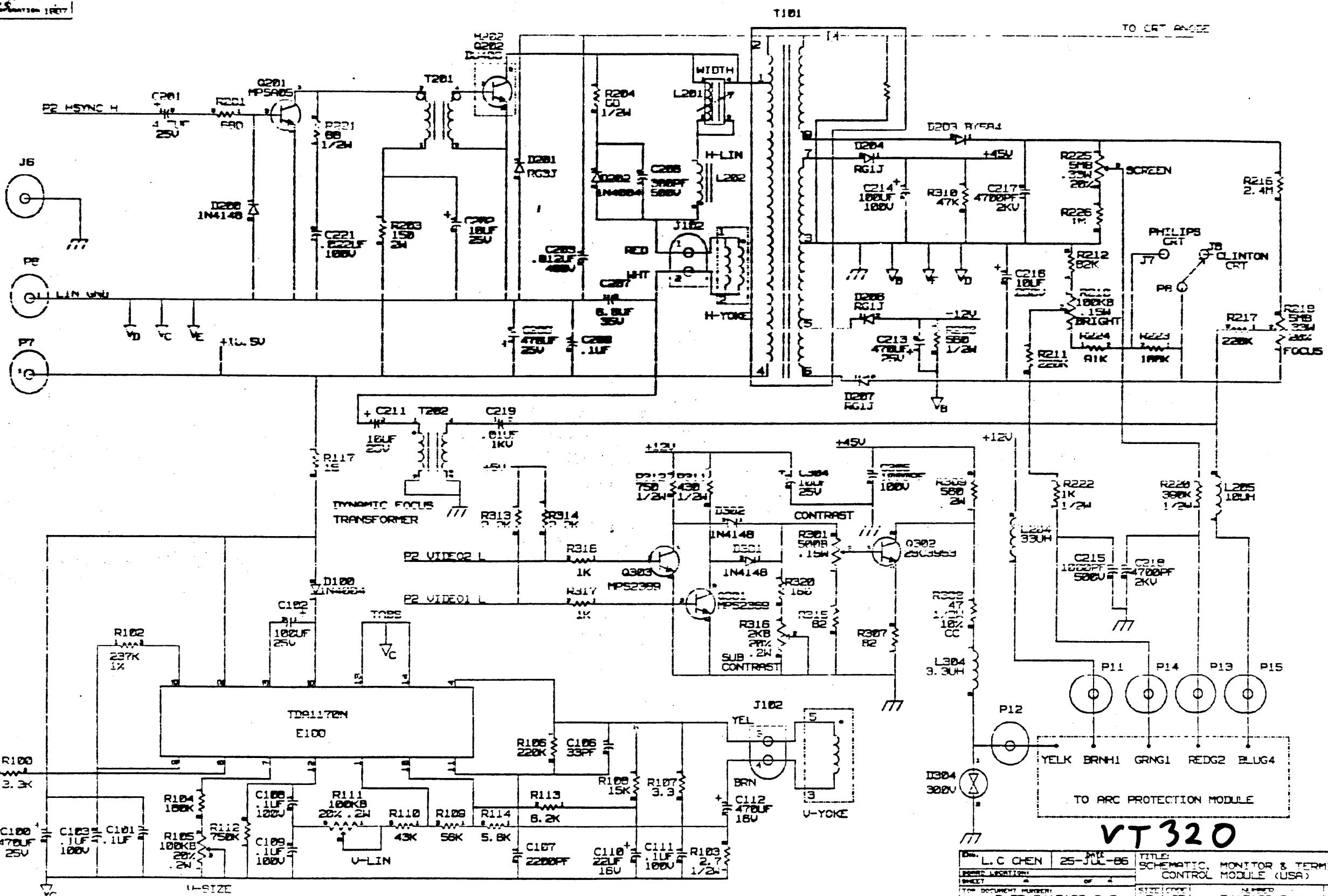


E1
FOR EXPANSION ONLY

3. W CHENG | 6-MAY-86 | TITLE: SCHEMATIC, MONITOR & TERMINAL
CONTROLLER MODULE (USA)
DRAWN BY: E. S. DATE: 6-MAY-86
REV: 1.0 | PAGE: 1 |
DOC. NO.: 3-00-5417139-0-0 | STATE CODE: B | MFG: 5417139-0-1 | P1
3-00-5417139-0-0 | B | CS | 5417139-0-1 | P1

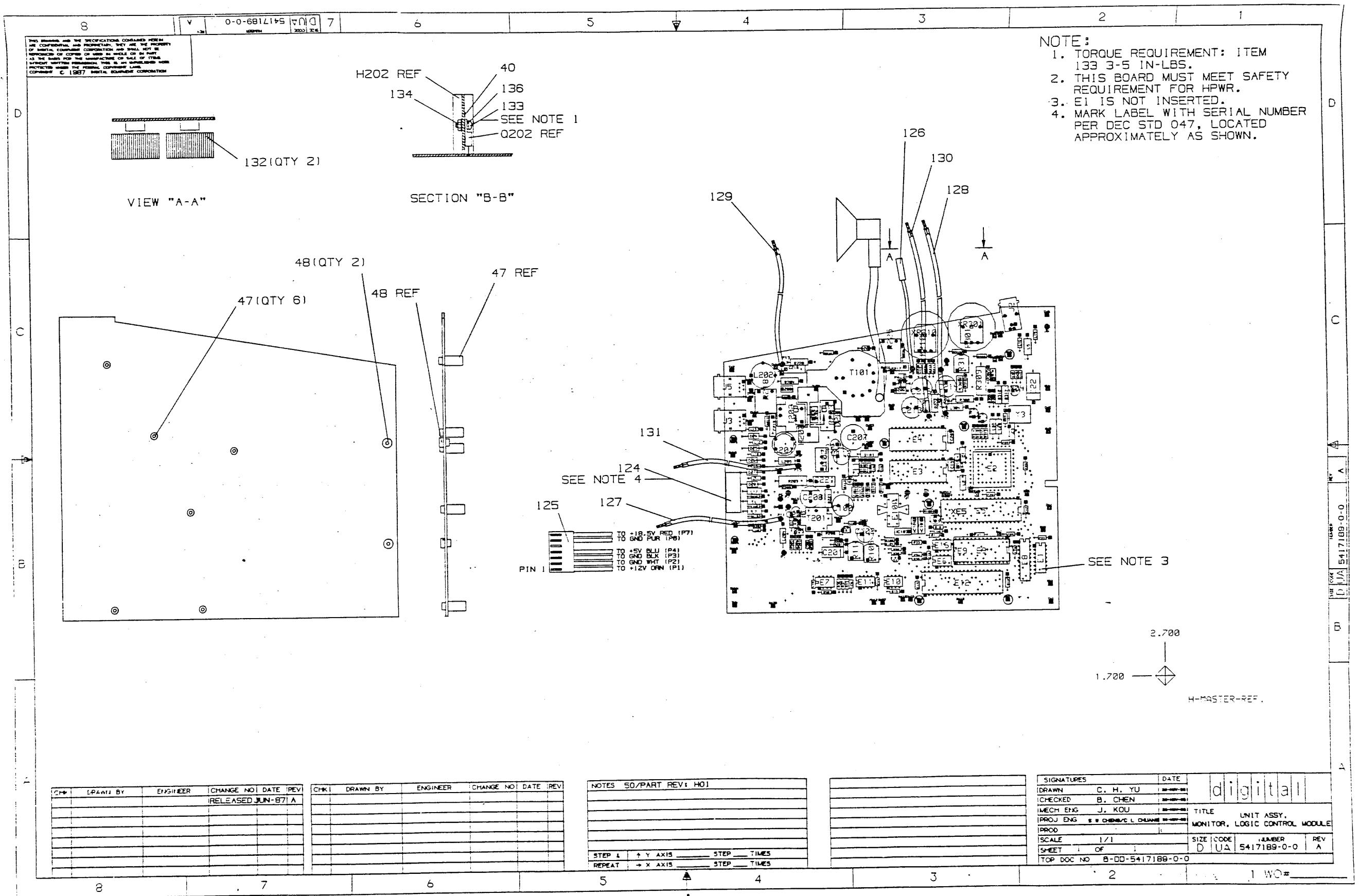


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DIGITAL EQUIPMENT CORPORATION 1977



VT320

DATE	L. C CHEN	25-JUL-86	TITLE	SCHEMATIC, MONITOR & TERMINAL CONTROL MODULE (USA)		
POWER LOCATION						
SHOOT						
TOP DOCUMENT NUMBER	B-00-5417189-2-0		SIZE	CRAFT	4 NEED	20
			B	CS	5417189-2-1	D



LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	MIN	DESCRIPTION		QTY PER VAR/REV	REFERENCE DESIGNATORS
					01	A1		
1	1	8-00-5017188-0-0	50-17188-01	H	CIRCUIT DRILL & ETCH		1	
2	2		10-00010-00		39 PFD 100V +/- 5% 200PP		1	C8
3	3		10-01610-00		0.010MFD 50V +80/-20% Z5U C		12	C9,C10,C14-C18,C21,C25-C28
4	4		10-02608-00		18 PFD 100V +/- 5% 200PP		1	C3
5	5		10-10279-01		0.47 MFD 25V +/-20% Z5U C		2	C19,C20
6	6		10-13466-04		33 PFD 50V +/- 5% NPO C		1	C106
7	7		10-13466-12		2200 PFD 50V +/-10% X7R C		1	C107
8	8		10-13466-22		0.10 MFD 50V +80/-20% Z5U C		2	C101,C209
9	9		10-16544-00		0.10 MFD 100V +/-10% MYLAR		1	C111
10	10		10-16553-00		4.7 MFD 25V +75/-10% ALU		1	C201
11	11		10-16570-00		1000 PFD 500V +80/-20% X5S/Z		1	C215
12	12		10-16572-00		300 PFD 500V +/-10% X5F/X		1	C206
13	13		10-18000-15		10 MFD 250V +50/-20% ALU		1	C216
14	14		10-18000-17		470 MFD 25V +50/-20% ALU		3	C100,C208,C213
15	15		10-18000-29		10 MFD 25V +75/-20% ALU		3	C202,C211,C304
16	16		10-18000-31		470 MFD 16V +50/-20% ALU		1	C112
17	17		10-18000-33		100 MFD 25V +50/-20% ALU		1	C102
18	18		10-18000-34		100 MFD 100V +50/-20% ALU		1	C214
19	19		10-18000-40		47 MFD 25V +/-20% ALU		1	C7
20	20		10-19559-02		0.010MFD 1000V +/-20% Y5U/Z		1	C219
21	21		10-20446-12		220 MFD 16V +50/-10% ALU		1	C22
22	22		10-20604-03		0.10 MFD 100V +/- 5% MET.		3	C103,C108,C109
23	23		10-21480-07		0.012MFD 400V +/- 5% POLYP		1	C203
24	24		10-22087-01		1000 PFD 100V +/-20% Z5P		1	C305
25	25		10-23486-03		22 MFD 16V +/-20% ALU		1	C110
26	26		10-27656-01		0.022MFD 100V +/- 5% MET.		1	C221
27	27		10-28139-01		6.8 MFD 35V +/-20% ALU		1	C207
28	28		10-28377-01		4700 PFD 2000V +80/-20%		2	C217,C218
29	29		11-00114-00		PIV= 25 I0=135 MA		1	D5
30	30		11-05796-00		PIV= 400 I0= 1.00A 1N4004 D0-41		2	D100,D202
31	31		11-09990-00		VZ= 9.1 5% 400 MW 1N757A		1	D501
32	32		11-12594-02		PIV= 600 I0= 3.00A		1	D201

REVISION HISTORY		KPL MODULE FORMAT	SECTION A OF A	DRN: F LIU	DATE: 20-NOV-86	D	I	G	I	T	A	L	
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		CHK'D: B CHEN	TITLE	PARTS LIST						
---	INITIAL	A	[A] 01	[M]	DATE: 20-NOV-86	MONITOR, LOGIC CONTROL MODULE							
			[B]	[N]									
			[C]	[P]	DES.ENG: LC CHEN								
			[D]	[Q]	DATE: 20-NOV-86								
			[E]	[R]									
			[F]	[S]	RESP.ENG.: CL CHUANG								
			[H]	[T]	DATE: 20-NOV-86								
			[J]	[V]									
			[K]	[W]	MFG.ENG: G.CHRISTIANSEN	RELEASE DATE: 16-JUN-87							
			[L]	[Y]	DATE: 09-JUN-87	RELEASE STATUS: RELEASED							
			BASIC PART NUMBER:		ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:	EDIT #					
			5417189		0-U-A-5417189-0-0	IB-00-5417189-0-0	MLA0776A.PLS	20					

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PARTS LIST

SHEET A2 OF A4

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
33	33	11-12595-02	PIV= 600 IO= 1.00A	AXIAL	3	D204,D206,D207
34	34	11-16475-00	PIV= 75	- 4NS 1N4148	3	D200,D301,D302
35	35	11-21581-01	PIV=1500 IO= 60MA		1	D203
36	36	11-24037-01	VZ= 36.0 5% 400 MW	1N9748 DO-35	8	D6,D9,D11,D19,D20,D29,D36,D37
37	37 SEE NOTE 1	11-26743-01	TRANS SUPP	600W 10V +/-	2	D25,D27
38	38 SEE NOTE 2	11-26743-02	TRANS SUPP	600W 22V +/-	3	D24,D25,D28
39	39	11-27611-01	OIA SURGE ABSORBER	300V +/-15%	1	D304
40	40	12-13071-06	INSULATOR,RUBBER SILICONE		1	
41	41	12-13921-11	HEAT SINK,EXTRUSION	1.380X1.50	1	H202
42	42	12-15006-07	SKT,IC 28PIN DIP TIN	SOLID	1	XE9
43	43	12-15006-08	SKT,IC 40PIN DIP TIN	SOLID	1	XE5
44	44	12-16521-00	PCB,HEADER 04PIN(1X04).1560C STR		1	J102
45	45	12-18826-07	CONN,PHONE	JACK 04POS	1	J2
46	46	12-23433-02	CONN,LAN	JACK 06 POS	2	J3,J5
47	47	12-28433-01	INSERT		6	
48	48	12-28433-02	INSERT		2	
49	49	12-28473-01	PCB HEADER PIN .0620D TIN		2	J7,J8
50	50	13-00250-00	150.0	.25 W 5.0 %	CF	R17
51	51	13-00338-00	560.0	.50 W 5.0 %	CF	R208
52	52	13-00354-00	750.0	.50 W 5.0 %	CF	R312
53	53	13-00364-00	1.0 K	.50 W 5.0 %	CF	R222
54	54	13-00365-00	1.0 K	.25 W 5.0 %	CF	R317,R318
55	55	13-00417-00	2.20 K	.25 W 5.0 %	CF	R313,R314
56	56	13-00439-00	3.30 K	.25 W 5.0 %	CF	R100
57	57	13-00444-00	3.90 K	.25 W 5.0 %	CF	R11,R14
58	58	13-00447-00	4.70 K	.25 W 5.0 %	CF	R12,R38,R39
59	59	13-00479-00	10.0 K	.25 W 5.0 %	CF	R10,R13,R33
60	60	13-00496-00	15.0 K	.25 W 5.0 %	CF	R108
61	61	13-01322-00	180.0	.25 W 5.0 %	CF	R320
62	62	13-01421-00	15.0	.25 W 5.0 %	CF	R117
63	63	13-01424-00	680.0	.25 W 5.0 %	CF	R201,R505
64	64	13-01477-00	82.0	.25 W 5.0 %	CF	R307,R315
65	65	13-01874-00	5.60 K	.25 W 5.0 %	CF	R114
66	66	13-02092-00	220.0 K	.25 W 5.0 %	CF	R106,R211,R217
67	67	13-02177-00	47.0 K	.25 W 5.0 %	CF	R15,R40,R310
68	68	13-02395-00	56.0 K	.25 W 5.0 %	CF	R109
69	69	13-02397-00	180.0 K	.25 W 5.0 %	CF	R104
70	70	13-02466-00	100.0 K	.25 W 5.0 %	CF	R223
71	71	13-03219-00	82.0 K	.25 W 5.0 %	CF	R212
72	72	13-04838-00	43.0 K	.25 W 5.0 %	CF	R110
73	73	13-05253-00	7.15 K	.25 W 1.0 % RN55D-F10	1	R504
74	74	13-05346-00	27.0 K	.25 W 5.0 %	CF	R34-R37
75	75	13-09405-00	68.0	.50 W 5.0 %	CF	R204,R221
76	76	13-09595-00	1.0 M	.25 W 5.0 %	CF	R226
77	77	13-12931-00	6.20 K	.25 W 5.0 %	CF	R113
78	78	13-13752-00	15.0 K	.25 W 1.0 % RN55D-F10	1	R501
79	79	13-14650-00	91.0 K	.25 W 5.0 %	CF	R224
80	80	13-14954-00	430.0	.50 W 5.0 %	CF	R311
81	81	13-15437-00	237.0 K	.25 W 1.0 % RN55D-F10	1	R102
82	82	13-16441-00	2.40 M	.25 W 5.0 %	CF	R216

TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
MONITOR, LOGIC CONTROL MODULE		K	PL	5417188-0-DSR	A

P A R T S L I S T

SHEET A3 OF A4

LINE	ITEM	TOP DOCUMENT	PART NUMBER	REV	MIN	DESCRIPTION	QTY	PER VAR/REV	REFERENCE DESIGNATORS
							01	A1	
83	83		13-16507-00		2.70	.50 W 5.0 %	CF	1	R103
84	84		13-19242-00		750.0 K	.25 W 5.0 %	CF	1	R112
85	85		13-19471-16		150.0	2.0 W 5.0 % M.OXIDE		1	R203
86	86		13-19471-25		560.0	2.0 W 5.0 % M.OXIDE		1	R309
87	87		13-19563-01		POT-OPEN/TRIM	5.0M 0.33W 20.0	2		R218,R225
88	88		13-20608-01		3.30	.25 W 5.0 %	CF	1	R107
89	89		13-20632-01		1.30 K	.25 W 5.0 %	CF	1	R503
90	90		13-20713-01		390.0 K	.50 W 5.0 %	CF	1	R220
91	91		13-27943-02		POT-OPEN/TRIM	100.0K 0.15W 20.0	1		R210
92	92		13-27943-03		POT-OPEN/TRIM	500.0 0.15W 20.0	1		R301
93	93		13-28026-01		POT-OPEN/TRIM	2.0K 0.2 W 20.0	1		R316
94	94		13-28026-03		POT-OPEN/TRIM	100.0K 0.2 W 20.0	2		R105,R111
95	95		13-28450-01		47.0	.50 W10.0 %	CC	1	R308
96	96		15-09338-00		DEC6531B	NPN 310MW SI 40 90 P	1		Q1
97	97		15-09524-00		2N 3904	NPN 310MW SI 40 40 M	1		Q502
98	98		15-10705-00		XA 05	NPN 500MW SI 60 50 P	1		Q201
99	99		15-10706-00		XA 55	PNP 500MW SI 60 50 P	1		Q501
100	100	SEE NOTE 3	15-20857-01		MPS2369	NPN 350MW 40V 200MA T	2		Q301,Q303
101	101		15-27609-01		BU406	NPN 400V 60W TO220	1		Q202
102	102		15-28392-01			TRANSISTOR,VIDEO OUTPUT	1		Q302
103	103		16-13898-01		33.0 UH	INDUCTOR	1		L204
104	104		16-18238-02		BEAD,FERRITE .1380DX.330LG		5		L1,L2,L6,L18,L20
105	105		16-21807-01		COIL,WIDTH,VARIABLE INDUCTOR		1		L201
106	106		16-27761-01		10.0 UH 10% Q= 55 @ 7.9MHZ SRF=		5		L5,L7,L8,L17,L205
107	107		16-27975-01		XFR,FLYBACK,HI VOLT 18.9KHZ		1		T101
108	108		16-28226-01		CHOKE COIL 2.2UH 10%		7		L9-L13,L15,L16
109	109		16-28286-01		XFMR,HOR BUFFER		1		T201
110	110		16-28287-01		COIL,LINEARITY		1		L202
111	111		16-28364-01		XFMR,DYNAMIC FOCUS LP=15MH TURNS		1		T202
112	112		16-28365-01		CHOKE,RF COATED 3.3UH 10% Q=65@7		1		L304
113	113		18-28361-01		XTAL 26.366 MHZ		1		Y3
114	114		19-15219-00		LS373 FF-D OCTAL-TRANSPARE		1		E8
115	115		19-15415-00		9636 DRIVER,DUAL,EIA RS-4		2		E7,E10
116	116		19-27621-01		VERT DEFLECTION CHIP		1		E100
117	117		19-27782-01		DUAL LINE RECEIVER		2		E11,E16
118	118		21-20068-01		2631 REC./TRANS.,ASYNC.,D		1		E12
119	119		21-20115-02		8031AH MICROPROCESSOR,8BIT		1		E5
120	120		21-21384-03		RAM 8KX8,STATIC 120		2		E3,E4
121	121		21-27705-02		DC7081 CONTROLLER,VIDEO+RAM,420		1		E2
122	122		23-N4 -01		1024 EPROM		1		E6
123	123		23-47E7 -00		E7-01 UV		1		E9
124	124		36-18460-01		LABEL,BAR CODE BLANK .38 X1.5		1		
125	125	C-IA-7024307-0-08U	70-24307-01	A	CONN/WIRE ASSY		1		
126	126	B-IA-7024576-0-08U	70-24576-01	A	WIRE W/CONNECTOR		1		P8
127	127	B-IA-7024585-0-08U	70-24586-01	A	WIRE W/PCB CRIMP		1		P11
128	128	B-IA-7024586-0-08U	70-24586-02	A	WIRE W/PCB CRIMP		1		P12
129	129	B-IA-7024586-0-08U	70-24586-03	A	WIRE W/PCB CRIMP		1		P13
130	130	B-IA-7024586-0-08U	70-24586-04	A	WIRE W/PCB CRIMP		1		P14
131	131	B-IA-7024586-0-08U	70-24586-05	A	WIRE W/PCB CRIMP		1		P15
132	132	C-MD-7434090-0-08U	74-34090-01	A	THUMBWHEEL		2		

:0	:1	:2	:3	:4	:5	:6	:7	:8	:9
TITLE	MONITOR, LOGIC CONTROL MODULE	SECTION A OF A	1/1	1/1	1/1	1/1	1/1	1/1	1/1
REF ID:	541713940-CBP	REV:	1	2	3	4	5	6	7

AUTOMATED BY VAXKPL (V1.3)

P A R T S L I S T

SHEET A4 OF A4

LINE	ITEM	TOP DOCUMENT	PART NUMBER	REV	MIN.	DESCRIPTION	QTY	PER VAR/REV	REFERENCE DESIGNATORS
133	133		90-06010-01			SCREW, MACH PAN PHIL	4-	1	
134	134		90-06557-00			NUT, HEX EXT TOOTH LCKWSHR	4-40	1	
135	135		90-09185-00			JUMPER, WIRE, INSULATED, BLACK B	1		W1
136	136		90-10057-00			WASHER, SHOULDER INSULATG PPS	1		

1 GEN: 11-26743-01 CAN BE SUBSTITUTED BY 11-28275-01.

2 GEN: 11-26743-02 CAN BE SUBSTITUTED BY 11-28275-02.

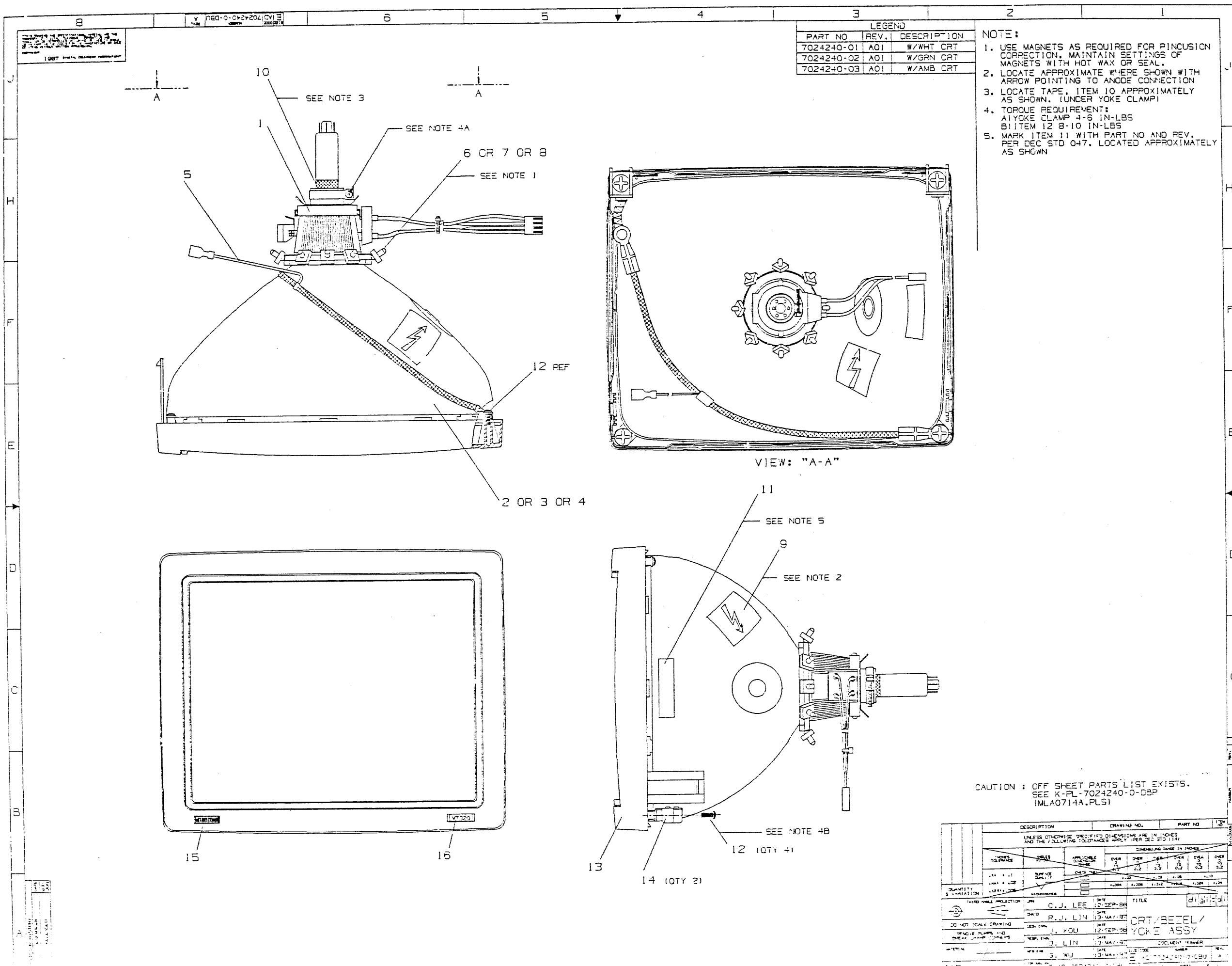
3 GEN: 15-20857-01 CAN BE SUBSTITUTED BY 15-21002-01.

! ! ! ! !	! ! ! ! !	! ! ! ! !	TITLE	! ! ! ! !	! ! ! ! !	SIZE	CODE	DOCUMENT NUMBER	! REV !
! D	! I	! G	! I	! T	! A	! L	! !	MONITOR, LOGIC CONTROL MODULE	! ! ! ! !

SECTION A OF A

K PL 5417189-0-0EP

A



AUTOMATED BY VAXKPL (V1.3)

PARTS LIST

SHEET A1 OF A1

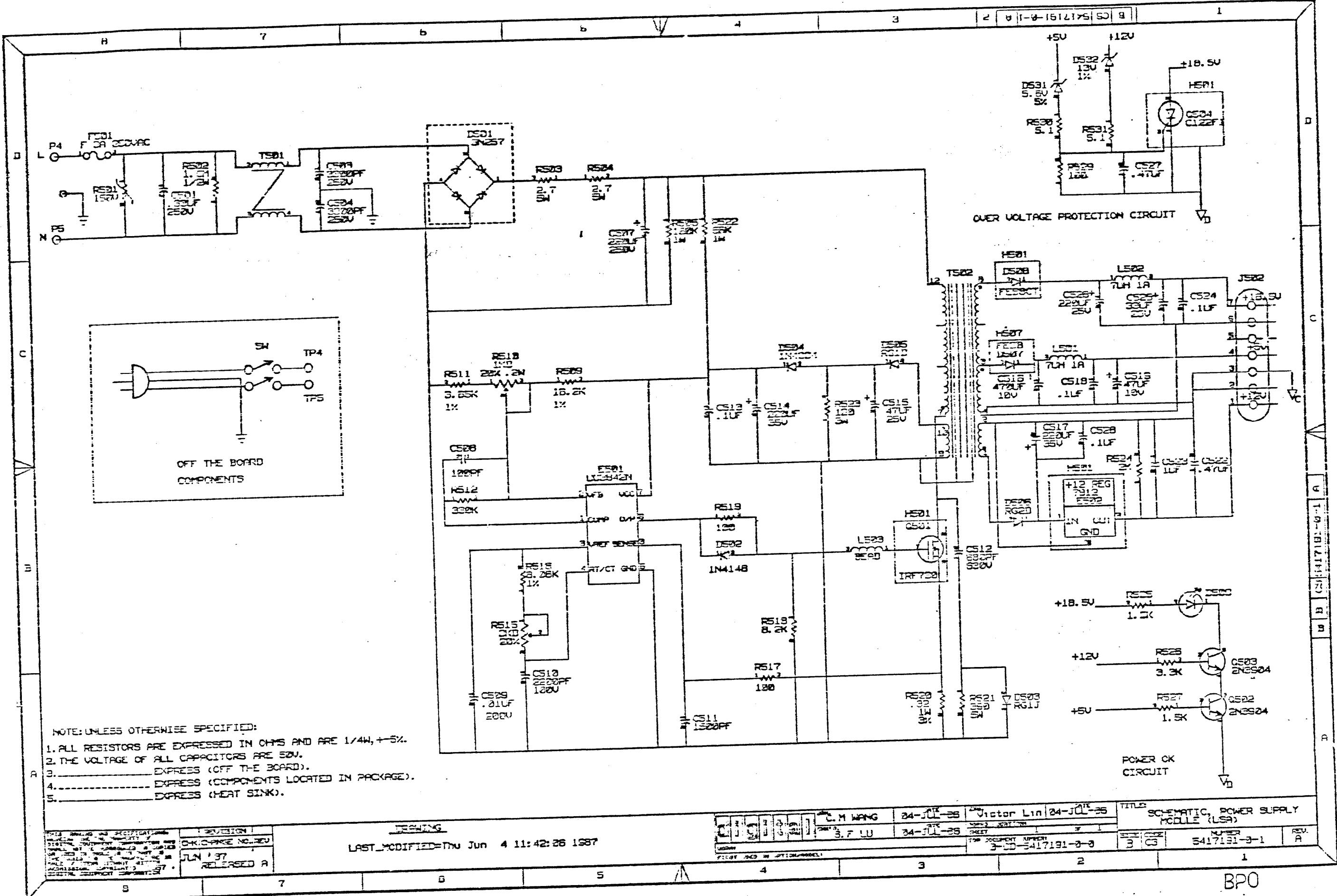
LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION		
					01 A1	02 A1	03 A1
1	1	12-28258-01		YODE, DEFLECTION 14"	1	1	1
2	2	12-28178-01		TUBE,CATHODE RAY (PAPER WHITE)	1	-	-
3	3	12-28178-02		TUBE,CATHODE RAY (GREEN)	-	1	-
4	4	12-28178-03		TUBE,CATHODE RAY (AMBER)	-	-	1
5	5	C-IA-7024537-0-DBU	70-24537-01 A	GROUND STRAP ASSY	1	1	1
6	6	12-23217-01		MAGNET,PINCUSHION 6.0 GAUSS	A/R	A/R	A/R
7	7	12-23217-02		MAGNET,PINCUSHION 8.5 GAUSS	A/R	A/R	A/R
8	8	12-23217-03		MAGNET,PINCUSHION 15.5 GAUSS	A/R	A/R	A/R
9	9	36-10267-00		LABEL,DANGER HIGH VOLTAGE,SMOOTH	1	1	1
10	10 SEE NOTE # 10	36-15670-01		TAPE,FIBGLAS ADH 1.0 WDX .007T	4	4	4
11	11	36-18460-03		LABEL,BAR CODE BLANK .90 X2.2	1	1	1
12	12	90-09800-08		SCREW,THD RL,PAN PHIL F/PLAS	4	4	4
13	13 E-MD-7434073-0-DBU	74-34073-01 A		BEZEL	1	1	1
14	14 B-MD-7435851-0-DBU	74-35851-01 A		ENCLOSURE,TAB	2	2	2
15	15 B-IA-7433851-0-DBU	74-33851-02 A		LOGO,DIGITAL	1	1	1
16	16 B-IA-7435733-0-DBU	74-35733-01 A		NAMEPLATE,VT320	1	1	1

10 NOTE: QTY FOR ITEM 10 IS IN INCHES.

REVISION HISTORY			IKPL MATRIX FORMAT		SECTION A OF A	DRN: C.J. LEE	D I G I T A L				
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		CHK'D: R.J. LIN	DATE: 17-SEP-86	TITLE PARTS LIST				
---	INITIAL	A	[A]	01,02,03	DES.ENG: J. KUO	DATE: 17-SEP-86	DOCUMENT NUMBER				
			[B]		RESP.ENG.: O. LIN	DATE: 14-MAY-87	SIZE	CODE	NUMBER	REV	
			[C]				K	PL	7024240-0-DBP	A	
			[D]								
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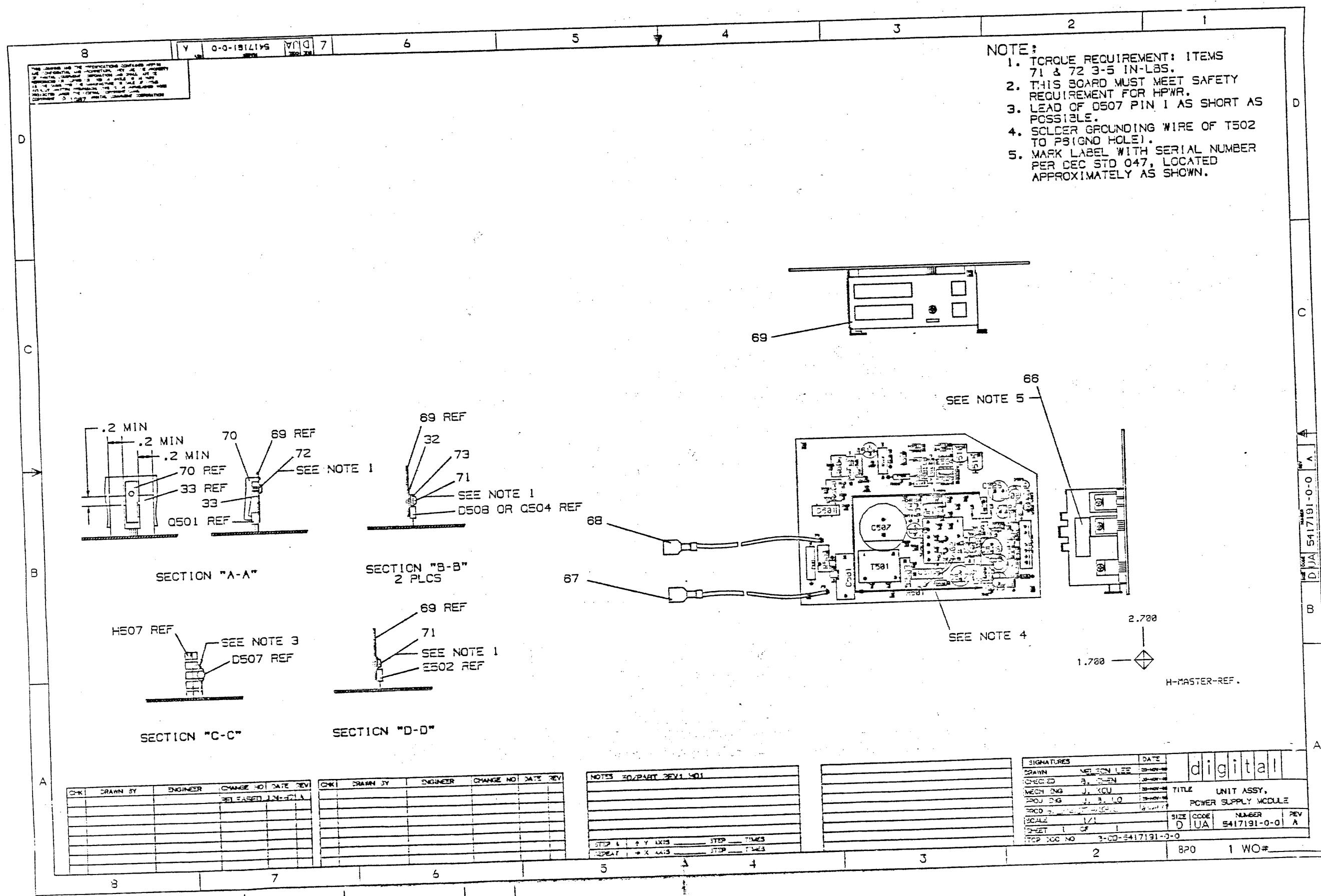
A	0-0-0	5417191-0-0	CD	B
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DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS																																									
				A1	A	A	A	A	A	A	A	A	A	A	A																														
		54-17191-01	POWER SUPPLY MODULE																																										
D-UA-5417191-0-0	1		UNIT ASSY	A																																									
B-CS-5417191-0-1	1		SCHEMATIC	A																																									
K-PL-5417191-0-D2P	2		PARTS LIST	A																																									
X-PC-5417191-0-DBV	1		P.C. DESIGN DATA BASE	A																																									
K-CS-5417191-0-DBX	1		VALID DATA BASE	A																																									
		50-17190-01	ETCH CIRCUIT BOARD	H01																																									
B-DD-5017190-0-0	1		DRAWING DIRECTORY	A																																									
<p>NOTES:</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td rowspan="2">REVISION HISTORY</td> <td rowspan="2">REV.</td> <td colspan="2"><</td> </tr> <tr> <td>LOC. ID.</td> <td>DATE</td> </tr> <tr> <td>JAN 1987</td> <td>1</td> <td colspan="2">></td> </tr> </table>																REVISION HISTORY	REV.	<		LOC. ID.	DATE	JAN 1987	1	>																					
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<small>THIS DRAWINGS AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PARTS AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. THIS IS AN UNPUBLISHED WORK PROTEC- TED UNDER THE FEDERAL COPYRIGHT LAWS.</small>				<table border="1"> <tr> <td>DRW. F. LIU</td> <td>DATE 20-NOV-86</td> <td colspan="3">TITLE DWG DIR,</td> </tr> <tr> <td>CHK'D B. CHEN</td> <td>DATE 20-NOV-86</td> <td colspan="3">POWER SUPPLY MODULE</td> </tr> <tr> <td>DES. B.B. V. LIN</td> <td>DATE 20-NOV-86</td> <td colspan="3">DOCUMENT NUMBER</td> </tr> <tr> <td>REP. B.B. J. S. LO</td> <td>DATE 20-NOV-86</td> <td>SHEET</td> <td>MASTER</td> <td>REV.</td> </tr> <tr> <td>G. C. GISTHUSEN</td> <td>DATE 16-JUL-87</td> <td>B</td> <td>CD</td> <td>A</td> </tr> <tr> <td colspan="5">SHEET 1 OF 1</td> </tr> </table>												DRW. F. LIU	DATE 20-NOV-86	TITLE DWG DIR,			CHK'D B. CHEN	DATE 20-NOV-86	POWER SUPPLY MODULE			DES. B.B. V. LIN	DATE 20-NOV-86	DOCUMENT NUMBER			REP. B.B. J. S. LO	DATE 20-NOV-86	SHEET	MASTER	REV.	G. C. GISTHUSEN	DATE 16-JUL-87	B	CD	A	SHEET 1 OF 1				
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G. C. GISTHUSEN	DATE 16-JUL-87	B	CD	A																																									
SHEET 1 OF 1																																													
1987				BPO																																									



LAST_MODIFIED=Thu Jun 4 11:42:26 1987

BPO



PARTS LIST

SHEET A1 OF A2

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS	
						A1	O1
1	B-00-5417191-0-0	50-17190-01	H	CIRCUIT DRILL. & ETCH	1		
2		10-10274-02		1.0 MFD 50V +/-20% Z5U C	1		C523
3		10-10978-60		0.10 MFD 50V +/-10% X7R C	3		C513,C518,C524
4		10-12312-01		0.47 MFD 50V +/-20% Z5U C	2		C522,C527
5		10-13466-06		100 PFD 50V +/- 5% NPO C	1		C508
6		10-13466-22		0.10 MFD 50V +/-20% Z5U C	1		C528
7		10-13466-29		1500 PFD 50V +/- 5% NPO C	1		C511
8		10-16639-00		0.010MFD 200V +/-10% MYLAR	1		C509
9		10-19413-06		220 MFD 250V +/-50/-20% ALU	1		C507
10		10-21480-08		680 PFD 630V +/-20% POLYP	1		C512
11		10-22398-01		470 MFD 10V +/-20% ALU	1		C516
12		10-24317-01		0.33 MFD 250VAC +/-20% LIN	1		C501
13		10-24375-02		3300 PFD 250VAC +/-20% LIN	2		C503,C504
14		10-24422-01		220 MFD 35V +/-20% ALU	1		C514
15		10-26456-01		2200 PFD 100V +/- 1% POLYPR	1		C510
16		10-27912-01		47 MFD 25 +/-20% ALU	1		C515
17		10-27942-01		220 MFD 25V +/-20% ALU	1		C526
18		10-27955-01		33 MFD 25V +/-20% ALU	1		C525
19		10-28104-01		47 MFD IPV +/-20% ALU	1		C519
20		10-28114-01		220 MFD 35V +/-20% ALU	1		C517
21		11-02808-00		VZ= 5.6 5% 400 MW 1N752A	1		D531
22		11-05796-00		PIV= 400 IO= 1.00A 1N4004 D0-41	1		D504
23		11-12595-01		PIV= 200 IO= 1.00A AXIAL	1		D505
24		11-12595-02		PIV= 600 IO= 1.00A AXIAL	1		D503
25		11-14384-00		LED 105MW 35MA GREEN	1		D509
26		11-16475-00		PIV= 75 - 4NS 1N4148	1		D502
27		11-17490-00		RECT,ULTRA FAST PIV= 150 IO= 8.0	1		D508
28		11-18411-00		VZ= 13.0 1% 500 MW 1N5243	1		D532
29		11-21435-01		RECT. ASSY PIV= 600 IO= 2.00A	1		D501
30		11-25363-04		RECT,ULTRA FAST PIV=200 IO= 2.0A	1		D506
31		11-28186-01		PIV= 100 IO= 3.0 A 35NS	1		D507
32		12-13071-06		INSULATOR,RUBBER SILICONE	2		

REVISION HISTORY			KPL MODULE FORMAT SECTION A OF A DRN: F. LIU			D I G I T A L			
			DATE: 20-NOV-86						
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			CHK'D:	TITLE PARTS LIST		
			[A]	01	[M]	B. CHEN	POWER SUPPLY MODULE		
---	INITIAL	A	[B]		[N]				
			[C]		[P]	DES. ENG: V. LIN			
			[D]		[Q]	DATE: 20-NOV-86			
			[E]		[R]				
			[F]		[S]	RESP. ENG.: J. B. LO			
			[G]		[T]	DATE: 20-NOV-86			
			[H]		[V]				
			[I]		[W]	MFG. ENG: G. CHRISTIANSEN			
			[J]		[Y]	DATE: 09-JUN-87			
						RELEASE DATE: 17-JUN-87			
						RELEASE STATUS: RELEASED			
			BASIC PART NUMBER: 5417191			ASSEMBLY NUMBER: D-UA-5417191-0-0	TOP DOCUMENT NUMBER: B-00-5417191-0-0	FILE NAME: MLA0777A.PLS	EDIT # 19

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PARTS LIST

SHEET A2 OF A2

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
					O1	A1
33	33	12-13071-22		INSULATOR,RUBBER SILICONE	1	
34	34	12-15228-03		HEAT SINKS,T0-220 1.250X0.87	1	H507
35	35	12-28096-01		FUSE,5X20 3.0 A 250V AXIAL LEA	1	F501
36	36	12-28477-01		PCB HEADER 07PIN(1X07).156CC STR	1	J502
37	37	13-00229-00		100.0 .25 W 5.0 % CF	3	R517,R519,R529
38	38	13-00391-00		1.50 K .25 W 5.0 % CF	2	R525,R527
39	39	13-00439-00		3.30 K .25 W 5.0 % CF	1	R526
40	40	13-02091-00		330.0 K .25 W 5.0 % CF	1	R512
41	41	13-02388-00		2.0 K .25 W 5.0 % CF	1	R524
42	42	13-03179-00		8.20 K .25 W 5.0 % CF	1	R518
43	43	13-05337-00		3.65 K .25 W 1.0 % RN550-F10	1	R511
44	44	13-09412-00		18.20 K .25 W 1.0 % RN550-F10	1	R509
45	45	13-09422-00		5.10 .25 W 5.0 % CF	2	R530,R531
46	46	13-11996-00		VARISTOR 150VAC VOLT TRANS SUP	1	R501
47	47	13-18150-12		8.06 K .25 W 1.0 % RN550-F10	1	R516
48	48	13-19470-50		56.0 K 1.0 W 5.0 % M.OXIDE	1	R522
49	49	13-19470-53		100.0 K 1.0 W 5.0 % M.OXIDE	1	R505
50	50	13-20725-01		1.50 M .50 W 5.0 % CF	1	R502
51	51	13-27013-07		390.0 5.0 W 5.0 % M.OXIDE	1	R521
52	52	13-27013-13		120.0 3.0 W 5.0 % M.OXIDE	1	R523
53	53	13-28026-02		POT-OPEN/TRIM 1.0K 0.2 W 20.0	1	R510
54	54	13-28026-07		POT-OPEN/TRIM 3.0K 0.2 W 20.0	1	R515
55	55	13-28257-01		2.7 5.0 W 5.0 % WW	2	R503,R504
56	56	13-28261-01		.32 1.0 W 3.0 % WW	1	R520
57	57	15-09524-00		2N 3904 NPN 310MW SI 40 40 M	2	Q502,Q503
58	58	15-19536-01		SCR PIV= 50 IO= 8.00A	1	Q504
59	59	15-28225-01		MOSFET 400V 5.5A 10HM	1	Q501
60	60	16-18238-02		BEAD,FERRITE .1380DX.330LG	1	L503
61	61	16-28285-01		CHOKE COIL 7.0UH	2	L501,L502
62	62	16-28362-01		XFMR,SWITCH MODE (USA ONLY)	1	T502
63	63	16-28430-01		XFMR FILTER 1KHZ	1	T501
64	64	19-12048-05		7812 VOLT REG,FIX +12V	1	E502
65	65	19-23626-01		PWM OFF-LINE CURRENT	1	E501
66	66	36-18460-01		LABEL,BAR CODE BLANK .38 X1.5	1	
67	B-IA-7023276-0-DBU	70-23276-05	A	WIRE W/FASTON	1	P5
68	B-IA-7023276-0-DBU	70-23276-06	A	WIRE W/FASTON	1	P4
69	B-IA-7024553-0-DBU	70-24553-01	A	ENCLOSURE, SHIELD W/GND TABS	1	H501
70	C-MD-7435248-0-DBU	74-35248-01	A	CLIP	1	
71	71	90-08301-01		SCREW,MACH PAN PHIL 4-	3	
72	72	90-09800-02		SCREW,THD RL,PAN PHIL F/PLAS	1	
73	73	90-10057-00		WASHER,SHOULDER INSULATG PPS	2	

AUTOMATED BY VAXKPL (V1.3)

P A R T S L I S T

SHEET A1 OF A1

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	01 A1	QUANTITY PER VARIATION/REVISION
1	1 E-MD-7434075-0-DBU	74-34075-01	A	BOTTOM	1	
2	2 D-MD-7434076-0-DBU	74-34076-01	A	ARM,LEFT,TILT	1	
3	3 B-MD-7434077-0-DBU	74-34077-01	A	SHAFT,TILT	1	
4	4 D-MD-7434078-0-DBU	74-34078-01	A	ARM,TILT,RIGHT	1	
5	5	12-28165-01		SPRING,OTRSION	.27000D	2
6	6	12-28163-01		SPRING,COMPRESSION	.26000X .70 LG	1
7	7	12-28243-01		BUMPER,FRONT		2
8	8	12-28360-01		WASHER,SPECIAL		2
9	9	36-18460-03		LABEL,BAR CODE BLANK	.90 X2.2	1

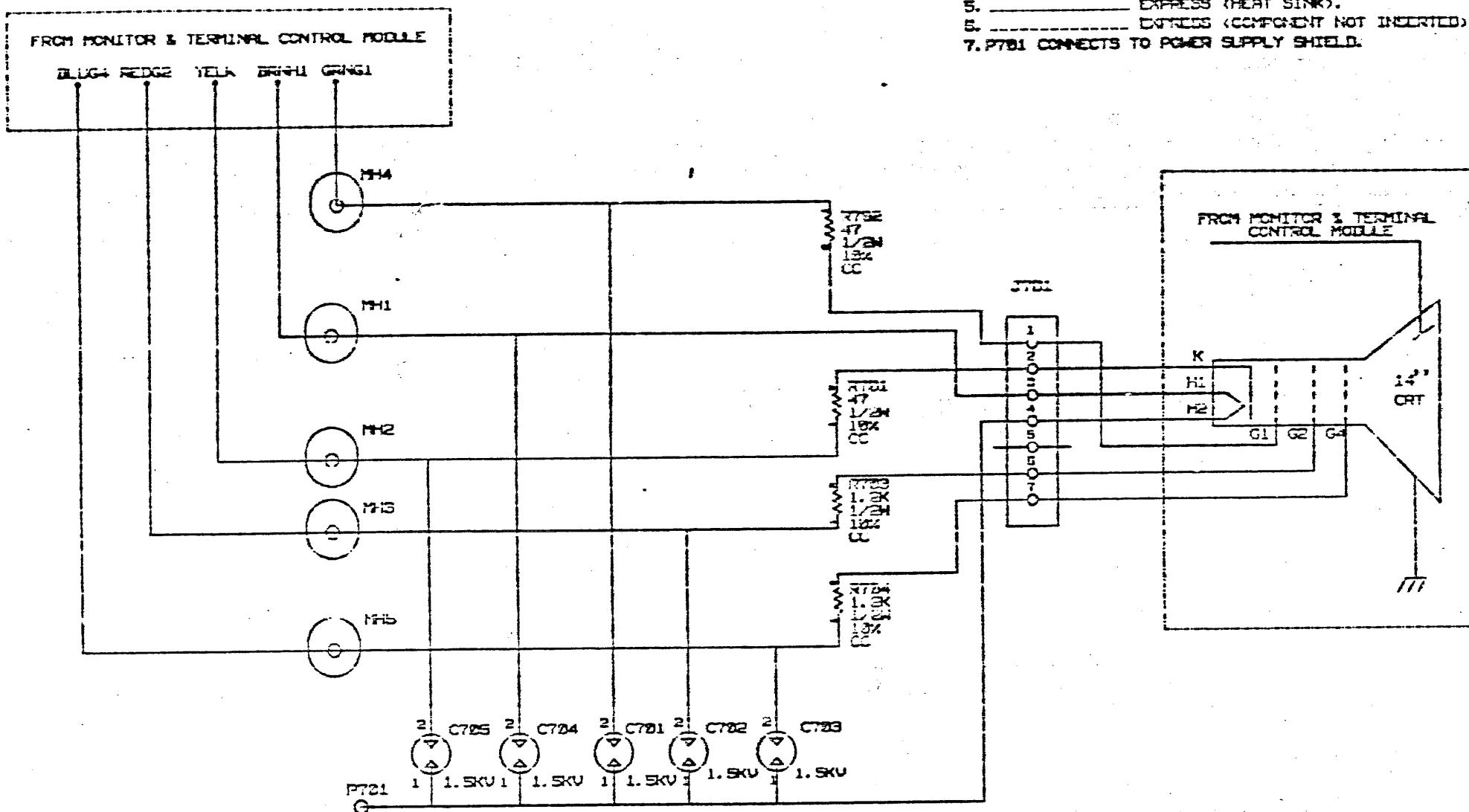
REVISION HISTORY			KPL MATRIX FORMAT!SECTION A OF A		DRN: C.J. LEE	D I G I T A L					
ENG!	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 17-SEP-86	TITLE PARTS LIST					
--	INITIAL	A	[A]	01	CHK'D: R.J. LIN	TITLE PARTS LIST					
			[B]		DATE: 08-MAY-87	BOTTOM ASSY					
			[C]								
			[D]		DES.ENG: J. KOU	DOCUMENT NUMBER					
			[E]		DATE: 17-SEP-86	SIZE	CODE	NUMBER	REV		
			[F]		RESP.ENG.: O. LIN						
			[H]		DATE: 09-MAY-87	K	PL	7024245-0-DBP	A		
			[J]								
					MFG.ENG: GORDON WU	RELEASE DATE: 25-JUN-87					
					DATE: 11-JUN-87	RELEASE STATUS: RELEASED					
						BASIC PART NUMBER:	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:	EDIT #	
						7024245	E-AD-7024245-0-DBU	E-AD-7024245-0-DBU	IMLA0719A.PLS	15	

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DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS													
		54-17339-01	ARC PROTECTION MODULE	A1													
0-UA-5417339-0-0	1		UNIT ASSY	A													
B-CS-5417339-0-1	1		SCHEMATIC	A													
X-PL-5417339-0-D2P	1		PARTS LIST	A													
X-PC-5417339-0-DBV	1		P.C. DESIGN DATA BASE	A													
X-CS-5417339-0-DBX	1		VALID DATA BASE	A													
		50-17338-01	ETCH CIRCUIT BOARD	A01													
B-DD-5017338-0-0	1		DRAWING DIRECTORY	A													
NOTES:																	
REVISED HISTORY REV. NO. : DATE : RELEASED : JUN 87																	
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1987																BPO	

NOTE: UNLESS OTHERWISE SPECIFIED:

1. ALL RESISTORS ARE EXPRESSED IN OHMS AND ARE 1/4W, +5%.
2. THE VOLTAGE OF ALL CAPACITORS ARE 50V.
3. _____ EXPRESS (OFF THE BOARD).
4. _____ EXPRESS (COMPONENTS LOCATED IN PACKAGE).
5. _____ EXPRESS (HEAT SINK).
6. _____ EXPRESS (COMPONENT NOT INSERTED).
7. P721 CONNECTS TO POWER SUPPLY SHIELD.



THIS DRAWING IS IDENTICAL TO	REVISION	DRAWING	C. M. WANG	12-MAY-87	C. E. LIN	12-MAY-87	TITLE
CH-17-159-0-1-A	CH-17-159-0-1-A	3	3	3	3	3	ARC PROTECTION MODULE
JUN '87	RELEASED BY	3	3	3	3	3	
LAST MODIFIED=Sat Jun 6 29:47:22 1987	APPROVED BY	3	3	3	3	3	
RELEASER SIGNATURE	DATE	3	3	3	3	3	
RELEASER POSITION	3	3	3	3	3	3	
RELEASER SIGNATURE	3	3	3	3	3	3	
RELEASER POSITION	3	3	3	3	3	3	
3	7	8	5	4	3	2	1

BPO

8	7	6	5	4	3	2	1
D						D	
C						C	
B						B	
A						A	

NOTE:

1. THIS BOARD MUST MEET SAFETY REQUIREMENT FOR HPWR.
2. MARK LABEL WITH SERIAL NUMBER PER DEC STD 047, LOCATED APPROXIMATELY AS SHOWN.

SEE NOTE 2

2.700

1.700

H-MASTER-REF.

SIDE TWO

CHK	DRAWN BY	ENGINEER	CHANGE NO/ DATE REV	CHK	DRAWN BY	ENGINEER	CHANGE NO/ DATE REV	NOTES ED/PART REV 101				SIGNATURES		DATE		digital	
RELEASED 12-17-83												DRAWN C. H. YU					
										CHECKED J. CHEN							
								TECH Dwg J. COU				TITLE UNIT ASSY,					
								PROD ENG S. W. CHENG				ARC PROTECTION MODULE					
								PROD ACTVIT Y				SCALE 2/1		SIZE CODE		NUMBER REV	
								STEP 1 Y AXIS STEP TIMES				SHEET 1 OF 1		D U/A		5417339-0-0 A	
								ZEROPAT -> X AXIS STEP TIMES				TOP DOC NO 3-CD-5417339-0-0					

8	7	6	5	4	3	2	1
---	---	---	---	---	---	---	---

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PARTS LIST

SHEET A1 OF A1

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
1	1 B-00-5017338-0-0	50-17338-01	A	CIRCUIT DRILL AND ETCH	1	
2	2	10-27658-01		1.0 PFD 1500V + 0/-100%	5	C701-C705
3	3	12-28476-01		SKT,CRT 07POS BLK 2KV SPRK GA	1	J701
4	4	13-28450-01		.47.0 .50 W10.0 % CC	2	R701,R702
5	5	13-28450-02		1.2 K .50 W10.0 % CC	2	R703,R704
6	6	36-18460-01		LABEL,BAR CODE BLANK .38 X1.5	1	
7	7 B-IA-7023276-0-DBU	70-23276-07	A	WIRE W/FASTON	1	P701

REVISION HISTORY			KPL MODULE FORMAT!SECTION A OF A!DRN: F LIU			D I G I T A L							
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			CHK'D:	B CHEN	PARTS LIST					
---	INITIAL	A	[A]	01	[M]	DATE:	20-NOV-86	TITLE	ARC PROTECTION MODULE				
			[B]		[N]			DOCUMENT NUMBER					
			[C]		[P]	DES.ENG:	CE LIN	SIZE	CODE	NUMBER	REV		
			[D]		[O]	DATE:	20-NOV-86	K	PL	5417339-0-DBP	A		
			[E]		[R]								
			[F]		[S]	RESP.ENG.:	SW CHENG						
			[H]		[T]	DATE:	20-NOV-86						
			[J]		[V]								
			[K]		[W]	MFG.ENG.:	G.CHRISTIANSEN	RELEASE DATE:	16-JUN-87				
			[L]		[Y]	DATE:	09-JUN-87	RELEASE STATUS:	RELEASED				
			BASIC PART NUMBER: 5417339			ASSEMBLY NUMBER: ID-UA-5417339-0-0	TOP DOCUMENT NUMBER: B-00-5417339-0-0	FILE NAME: MLA1527A.PLS	EDIT #				

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5417277-0-0
NUMBER
CODE
SIZE
B
DD
REV.

REVISIONS

NOTES:

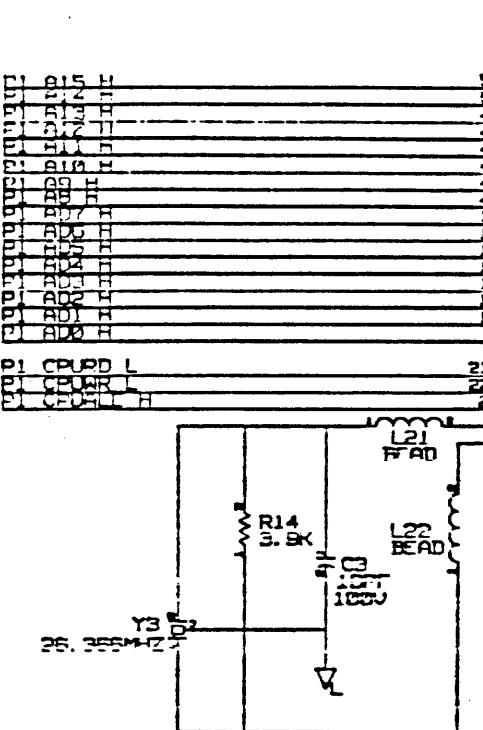
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digital

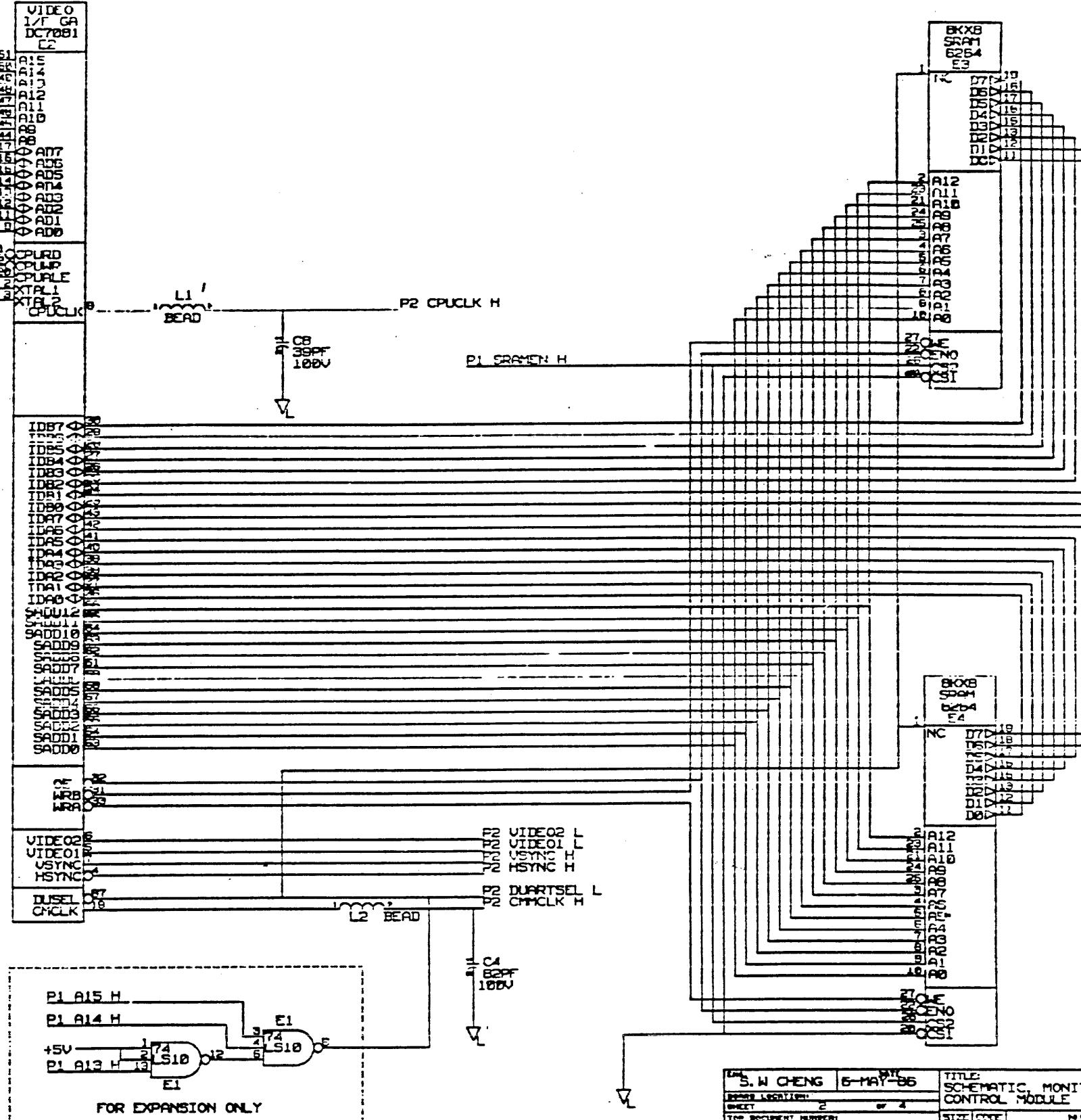
REVISION HISTORY		REV.
DATE	ECO NO.	REV.
JUN 87		A

DRN.	F. LIU	DATE 20-NOV-86	TITLE DWG DIR, MONITOR, LOGIC CONTROL MODULE		
CHK'D	B. CHEN	DATE 20-NOV-86	DOCUMENT NUMBER		
DES. ENG. L C CHEN/R. HU	DATE 20-NOV-86	SIZE B	CODE DD	NUMBER 5417277-0-0	REV. A
RESP. ENG. C L CHUANG/S W CHENG	DATE 20-NOV-86	SHEET 1 OF 1			
MFG. ENG.	DATE				

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DIGITAL EQUIPMENT CORPORATION 1907



PARTS	VCC	GND
DC70881	34, 68	1, 18, 18 35, 52, 50
6264	28	14
74LS10	14	7



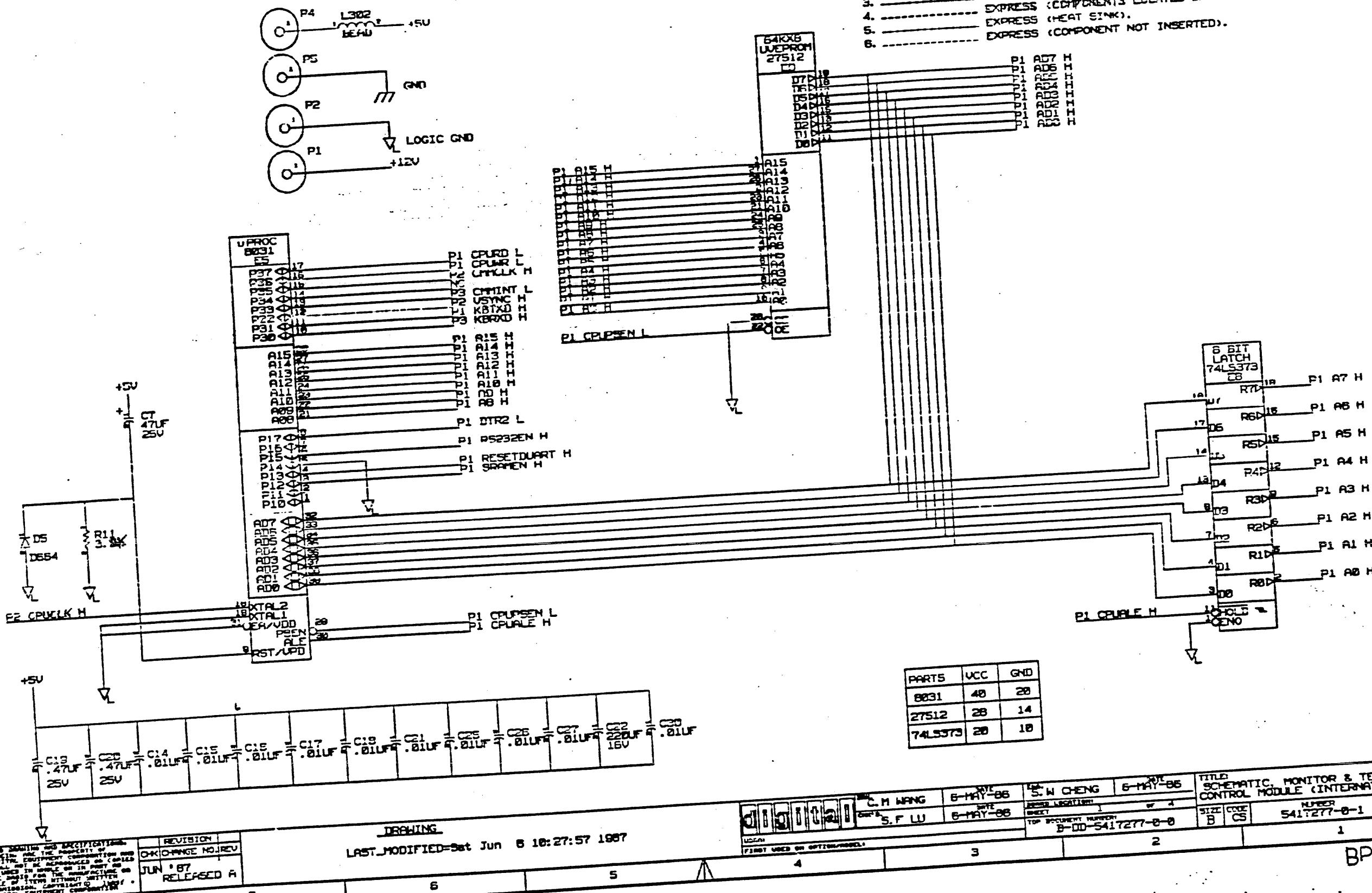
S. W CHENG		5-MAY-86	TITLE: SCHEMATIC, MONITOR & TERMINAL CONTROL MODULE (INTERNATIONAL)			
DRAWING LOCATION:						
SHEET		2	OF 4			
THE DOCUMENT NUMBER		B-00-5417277-0-0	SIZE	CODE	IN PAPER	POL.
		B	CS	5417277-0-1		A

FOR EXPANSION ONLY

BPO

NOTE: UNLESS OTHERWISE SPECIFIED:

1. ALL RESISTORS ARE EXPRESSED IN OHMS AND ARE 1/4W, +5%..
2. THE VOLTAGE OF ALL CAPACITORS ARE 50V.
3. ----- EXPRESS (OFF THE BOARD).
4. ----- EXPRESS (COMPONENTS LOCATED IN PACKAGE).
5. ----- EXPRESS (HEAT SINK).
6. ----- EXPRESS (COMPONENT NOT INSERTED).



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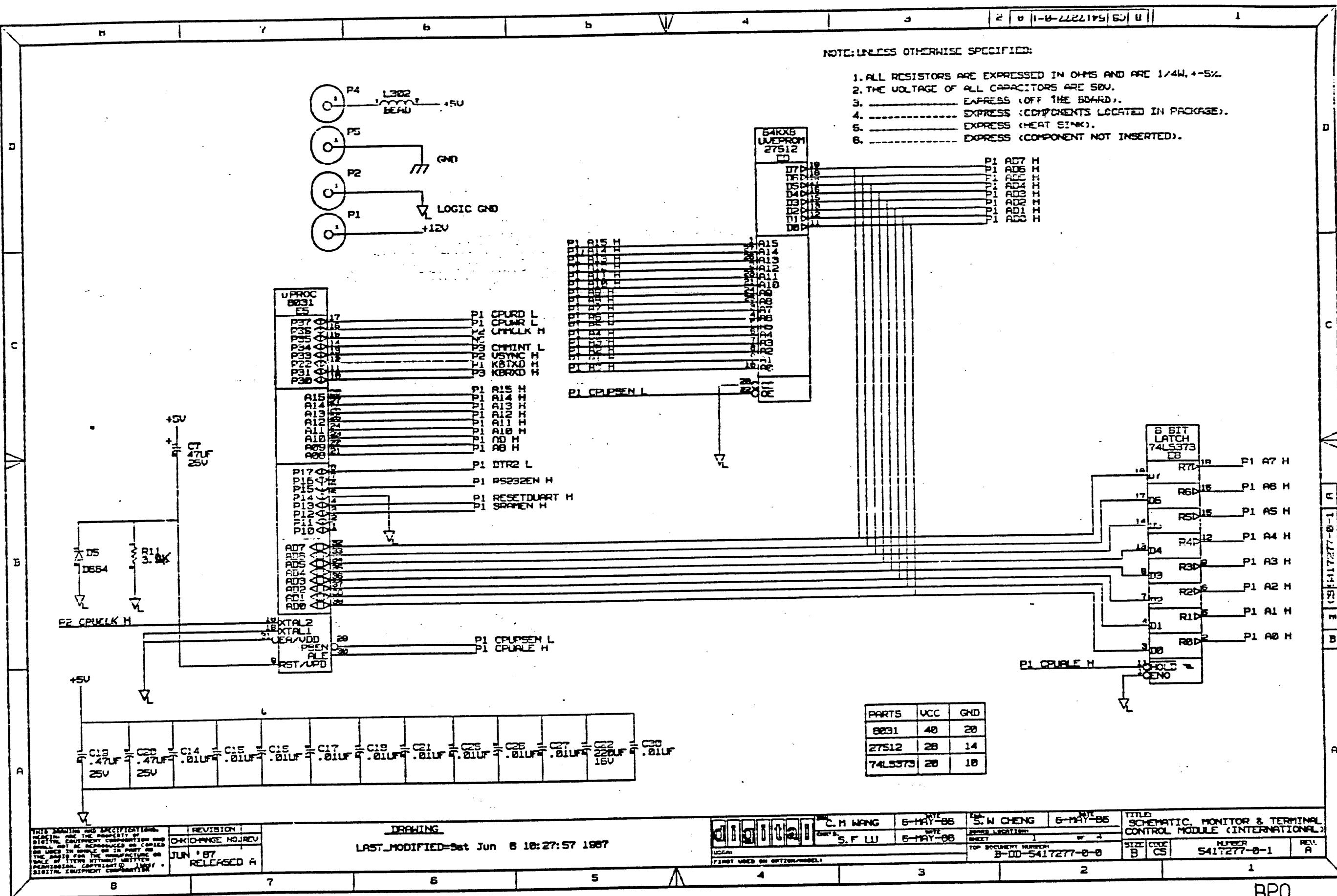
REVIS
OK CHANGE
JUN '87
RELEASE

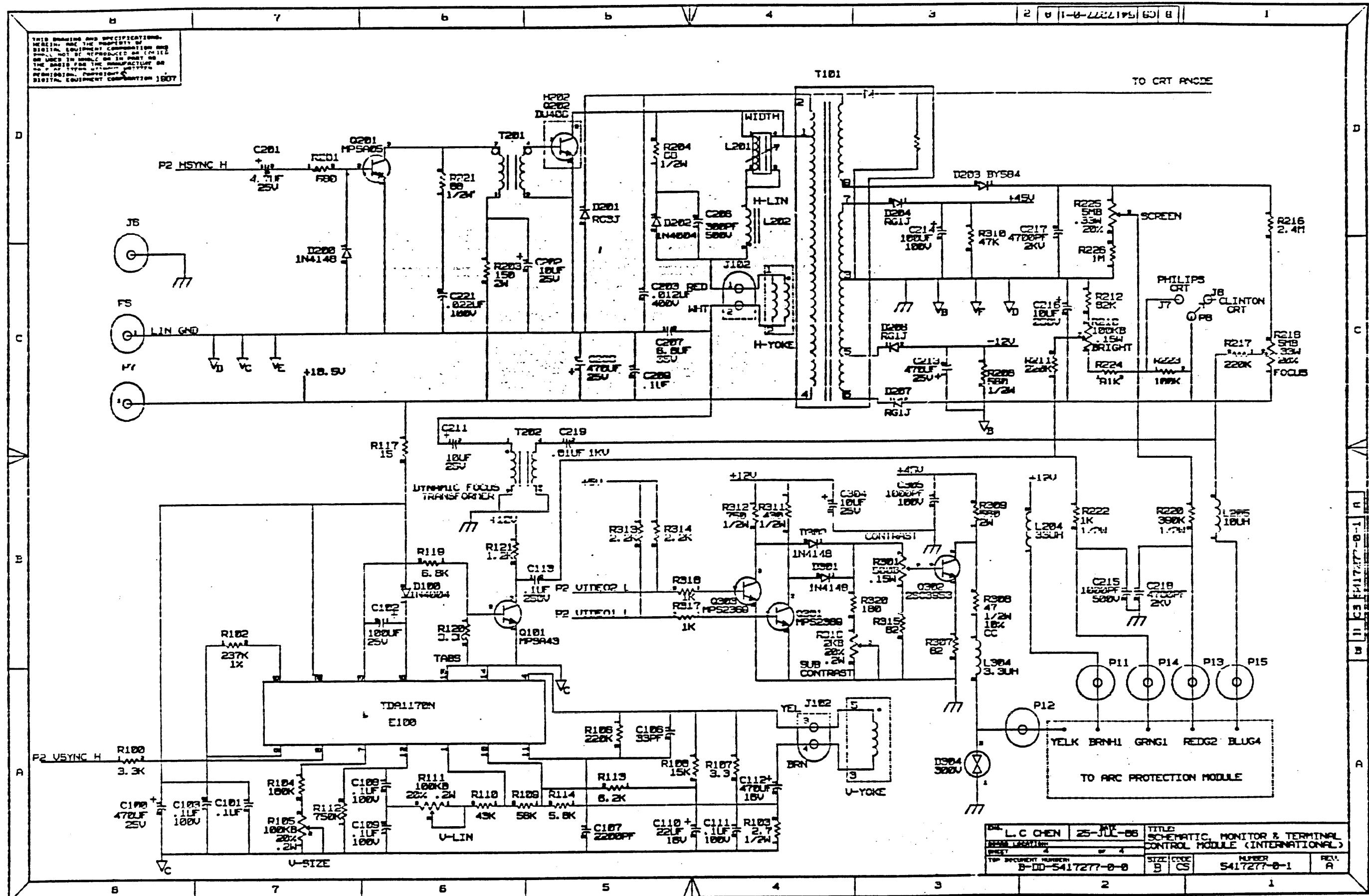
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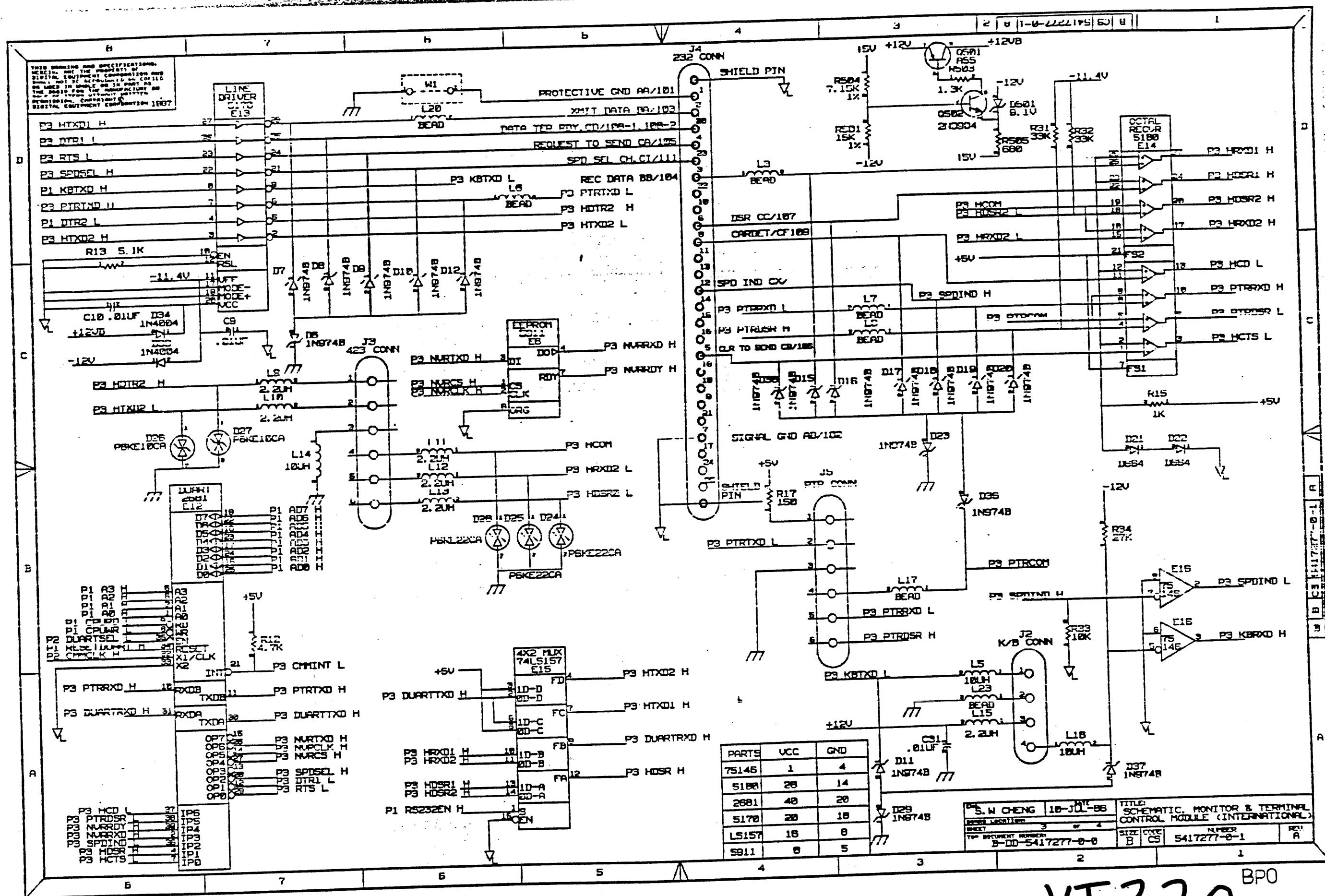
PARTS	VCC	GND
8831	48	28
27512	28	14
74L5373	28	18

digital	C. M. WANG	5-MAY-86	S. W. CHENG	5-MAY-86	TITLE SCHEMATIC, MONITOR & TERMINAL CONTROL MODULE (INTERNATIONAL)		
PRINTED	S. F. LU	5-MAY-86	JUNIOR NEGATIVE		SIZE	CODE	NUMBER
		SHEET		A	CS	541T277-8-1	REV.
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FIRST USED ON OPTIONAL/PANEL				2		3	

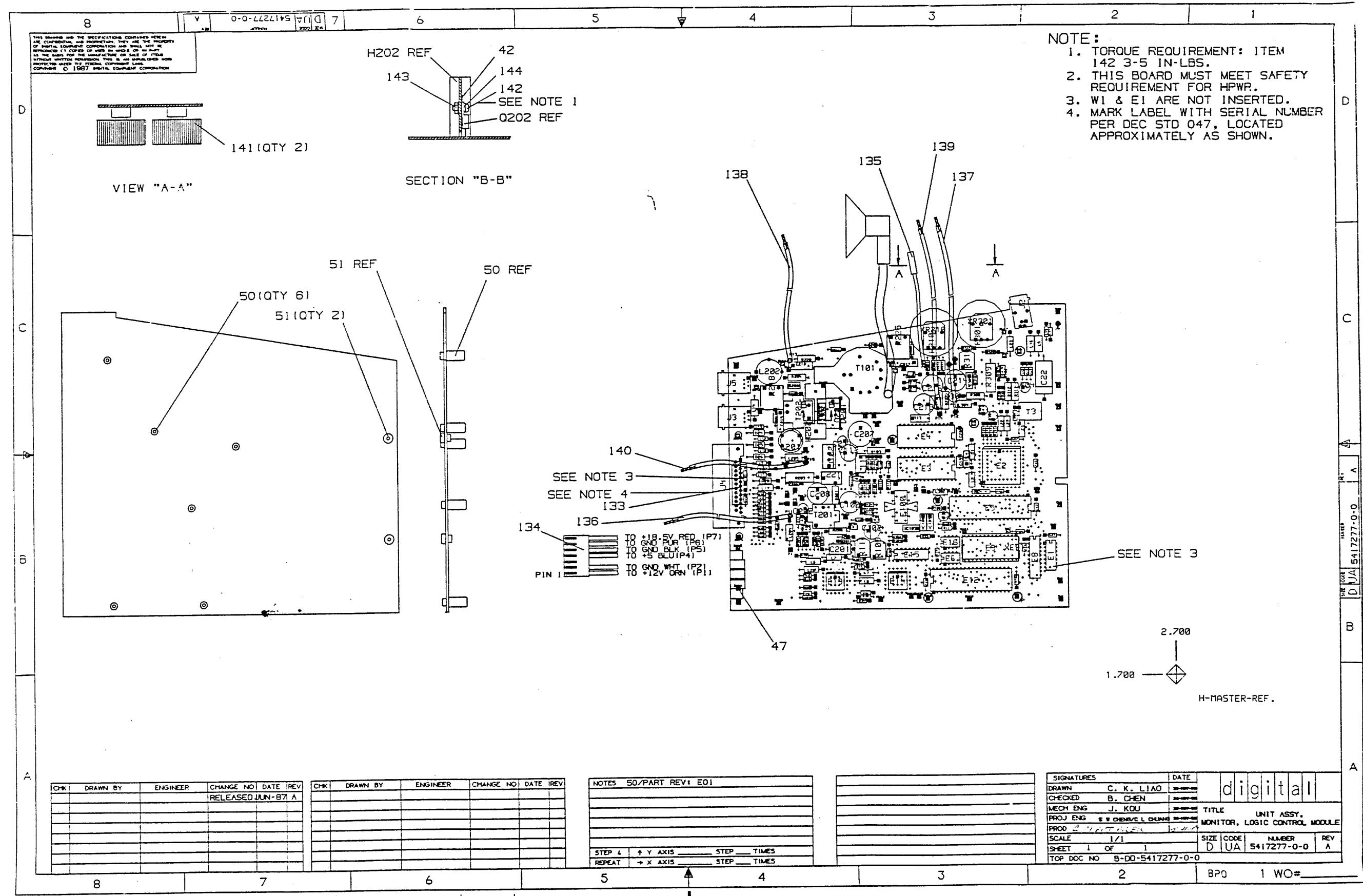
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VT320



LINE ITEM		TOP DOCUMENT	PART NUMBER	MIN REV	PARTS LIST				QTY PER VAR/REV	REFERENCE DESIGNATORS
					DESCRIPTION				01	
									A1	
1	1	B-00-5017276-0-0	50-17276-01	E	CIRCUIT DRILL AND ETCH				1	
2	2		10-00010-00	39	PFD 100V +/- 5%	200PP			1	C8
3	3		10-00015-00	82	PFD 100V +/- 5%	200PP			1	C4
4	4		10-01610-00	0.010MFD	50V +80/-20%	Z5U C		13		C9,C10,C14-C18,C21,C25-C27,C30
										CONT C31
5	5		10-02608-00	18	PFD 100V +/- 5%	200PP			1	C3
6	6		10-10279-01	0.47	MFD 25V +/-20%	Z5U C			2	C19,C20
7	7		10-13465-04	33	PFD 50V +/- 5%	NPO C			1	C105
8	8		10-13466-12	2200	PFD 50V +/-10%	X7R C			1	C107
9	9		10-13466-22	0.10	MFD 50V +80/-20%	Z5U C			2	C101,C209
10	10		10-16544-00	0.10	MFD 100V +/-10%	MYLAR			1	C111
11	11		10-16553-00	4.7	MFD 25V +75/-10%	ALU			1	C201
12	12		10-16570-00	1000	PFD 500V +80/-20%	X5S/Z			1	C215
13	13		10-16572-00	300	PFD 500V +/-10%	X5F/X			1	C206
14	14		10-18000-15	10	MFD 250V +50/-20%	ALU			1	C216
15	15		10-18000-17	470	MFD 25V +50/-20%	ALU			3	C100,C208,C213
16	16		10-18000-29	10	MFD 25V +75/-20%	ALU			3	C202,C211,C304
17	17		10-18000-31	470	MFD 16V +50/-20%	ALU			1	C112
18	18		10-18000-33	100	MFD 25V +50/-20%	ALU			1	C102
19	19		10-18000-34	100	MFD 100V +50/-20%	ALU			1	C214
20	20		10-18000-40	47	MFD 25V +/-20%	ALU			1	C7
21	21		10-19559-02	0.010MFD	1000V +/-20%	Y5U/Z			1	C219
22	22		10-20446-12	220	MFD 16V +50/-10%	ALU			1	C22
23	23		10-20604-03	0.10	MFD 100V +/- 5%	MET.			3	C103,C108,C109
24	24		10-21480-07	0.012MFD	400V +/- 5%	POLYP			1	C203
25	25		10-22087-01	1000	PFD 100V +/-20%	Z5P			1	C305
26	26		10-23486-03	22	MFD 16V +/-20%	ALU			1	C110
27	27		10-26646-01	0.10	MFD 250V +/-10%	MYLAR			1	C113
28	28		10-27656-01	0.022MFD	100V +/- 5%	MET.			1	C221
29	29		10-28139-01	6.8	MFD 35V +/-20%	ALU			1	C207
30	30		10-28377-01	4700	PFD 2000V +80/-20%			2	C217,C218	
31	31		11-00114-00	PIV= 25	I0=135 MA				3	D5,D21,D22

REVISION HISTORY			KPL MODULE FORMAT	SECTION A OF A	DRN: F. LIU	D	I	G	I	T	A	L
					DATE: 20-NOV-86							
ENG:	ECO NUMBER	REV	SECTION/VARIATION INDEX			CHK'D: B. CHEN	PARTS LIST					
			[A]	01	[M]	DATE: 20-NOV-86	MONITOR, LOGIC CONTROL MODULE					
INITIAL		A	[B]		[N]	DES.ENG: L.C. CHEN	DOCUMENT NUMBER					
			[C]		[P]	DATE: 20-NOV-86	SIZE	CODE	NUMBER	REV		
			[D]		[Q]	RESP.ENG.: C.L. CHUANG	K	PL	5417277-0-DBP	A		
			[E]		[R]	DATE: 20-NOV-86						
			[F]		[S]	MFG.ENG: G. CHRISTIANSEN	RELEASE DATE: 16-JUN-87					
			[H]		[T]	DATE: 09-JUN-87	RELEASE STATUS: RELEASED					
			[J]		[V]							
			[K]		[W]							
			[L]		[Y]							
BASIC PART NUMBER:			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			FILE NAME:			EDIT #
5417277			D-UA-5417277-0-0			B-DD-5417277-0-0			MLA1269A.PLS			20
PROPRIETARY - THEY ARE THE PROPERTY OF DIGITAL												

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PARTS LIST

QTY PER VAR/REV

REFERENCE DESIGNATORS

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY	01	A1	
32	32	11-05796-00		PIV= 400 IO= 1.00A 1N4004 D0-41	4			033,D34,D100,D202
33	33	11-09990-00		VZ= 9.1 5% 400 MW 1N757A	1			0501
34	34	11-12594-02		PIV= 600 IO= 3.00A	1			D201
35	35	11-12595-02		PIV= 600 IO= 1.00A AXIAL	3			D204,D206,D207
36	36	11-16475-00		PIV= .75 - 4NS 1N4148	3			D200,D301,D302
37	37	11-21581-01		PIV=1500 IO= .60MA	1			D203
38	38	11-24037-01		VZ= 36.0 5% 400 MW 1N974B D0-35	18			D6-D12,D15-D20,D23,D29,D36-D38
39	39 SEE NOTE 1	11-26743-01		TRANS SUPP 600W 10V +/-	2			D26,D27
40	40 SEE NOTE 2	11-26743-02		TRANS SUPP 600W 22V +/-	3			D24,D25,D28
41	41	11-27611-01		DIA SURGE ABSORBER 300V +/-15%	1			D304
42	42	12-13071-06		INSULATOR,RUBBER SILICONE	1			
43	43	12-13921-11		HEAT SINK,EXTRUSION 1.380X1.50	1			H202
44	44	12-15006-07		SKT,IC 28PIN DIP TIN SOLD	1			XE9
45	45	12-16521-00		PCB,HEADER 04PIN(1X04).156CC STR	1			J102
46	46	12-18826-07		CONN,PHONE JACK 04POS	1			J2
47	47	12-20840-01		STRIP,SHIELDING EMI/RFI 1.250LG	1			
48	48	12-23433-02		CONN,LAN JACK 06 POS	2			J3,J5
49	49	12-26314-01		CONN,D SUB 25POS ASSY 90D GOLD	1			J4
50	50	12-28433-01		INSERT	6			
51	51	12-28433-02		INSERT	2			
52	52	12-28473-01		PCB HEADER PIN .0620D TIN	2			J7,J8
53	53	13-00250-00		150.0 .25 W 5.0 % CF	1			R17
54	54	13-00338-00		560.0 .50 W 5.0 % CF	1			R208
55	55	13-00354-00		750.0 .50 W 5.0 % CF	1			R312
56	56	13-00364-00		1.0 K .50 W 5.0 % CF	3			R222
57	57	13-00365-00		1.0 K .25 W 5.0 % CF	2			R15,R317,R318
58	58	13-00417-00		2.20 K .25 W 5.0 % CF	2			R313,R314
59	59	13-00439-00		3.30 K .25 W 5.0 % CF	2			R100,R120
60	60	13-00444-00		3.90 K .25 W 5.0 % CF	2			R11,R14
61	61	13-00447-00		4.70 K .25 W 5.0 % CF	1			R12
62	62	13-00479-00		10.0 K .25 W 5.0 % CF	1			R33
63	63	13-00496-00		15.0 K .25 W 5.0 % CF	1			R108
64	64	13-01320-00		1.20 K .25 W 5.0 % CF	1			R121
65	65	13-01322-00		180.0 .25 W 5.0 % CF	1			R320
66	66	13-01421-00		15.0 .25 W 5.0 % CF	1			R117
67	67	13-01423-00		6.80 K .25 W 5.0 % CF	2			R119
68	68	13-01424-00		680.0 .25 W 5.0 % CF	2			R201,R505
69	69	13-01477-00		82.0 .25 W 5.0 % CF	1			R307,R315
70	70	13-01874-00		5.60 K .25 W 5.0 % CF	1			R114
71	71	13-02092-00		220.0 K .25 W 5.0 % CF	3			R106,R211,R217
72	72	13-02177-00		47.0 K .25 W 5.0 % CF	1			R310
73	73	13-02395-00		56.0 K .25 W 5.0 % CF	1			R109
74	74	13-02397-00		180.0 K .25 W 5.0 % CF	1			R104
75	75	13-02466-00		100.0 K .25 W 5.0 % CF	1			R223
76	76	13-03219-00		82.0 K .25 W 5.0 % CF	1			R212
77	77	13-04838-00		43.0 K .25 W 5.0 % CF	1			R110
78	78	13-05253-00		7.15 K .25 W 1.0 % RN55D-F10	1			R504
79	79	13-05346-00		27.0 K .25 W 5.0 % CF	1			R34
80	80	13-09405-00		68.0 .50 W 5.0 % CF	2			R204,R221
81	81	13-09595-00		1.0 M .25 W 5.0 % CF	1			R226

D	I	G	I	T	A	L	TITLE	MONITOR, LOGIC CONTROL MODULE	SECTION A OF A
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SIZE	CODE	DOCUMENT NUMBER	REV
K	PL	5417277-0-DBP	A

AUTOMATED BY VAXKPL (V1.3)

PARTS LIST

QTY PER VAR/REV

REFERENCE DESIGNATORS

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY	01	A1	REFERENCE DESIGNATORS
82	82	13-12930-00		.5.10 K .25 W 5.0 % CF	1			R13
83	83	13-12931-00		.6.20 K .25 W 5.0 % CF	1			R113
84	84	13-13349-00		33.0 K .25 W 5.0 % CF	2			R31,R32
85	85	13-13752-00		15.0 K .25 W 1.0 % RN55D-F10	1			R501
86	86	13-14650-00		91.0 K .25 W 5.0 % CF	1			R224
87	87	13-14954-00		430.0 .50 W 5.0 % CF	1			R311
88	88	13-15437-00		237.0 K .25 W 1.0 % RN55D-F10	1			R102
89	89	13-16441-00		2.40 M .25 W 5.0 % CF	1			R216
90	90	13-16507-00		2.70 .50 W 5.0 % CF	1			R103
91	91	13-19242-00		750.0 K .25 W 5.0 % M.OXIDE	1			R203
92	92	13-19471-16		150.0 2.0 W 5.0 % M.OXIDE	1			R309
93	93	13-19471-25		560.0 2.0 W 5.0 % M.OXIDE	1			R218,R225
94	94	13-19563-01		POT-OPEN/TRIM 5.0M 0.33W 20.0	2			R107
95	95	13-20608-01		3.30 .25 W 5.0 % CF	1			R503
96	96	13-20632-01		1.30 K .25 W 5.0 % CF	1			R220
97	97	13-20713-01		390.0 K .50 W 5.0 % CF	1			R210
98	98	13-27943-02		POT-OPEN/TRIM 100.0K 0.15W 20.0	1			R301
99	99	13-27943-03		POT-OPEN/TRIM 500.0 0.15W 20.0	1			R316
100	100	13-28026-01		POT-OPEN/TRIM 2.0K 0.2 W 20.0	1			R105,R111
101	101	13-28026-03		POT-OPEN/TRIM 100.0K 0.2 W 20.0	2			R308
102	102	13-28450-01		47.0 .50 W10.0 % CC	1			Q502
103	103	15-09524-00		2N 3904 NPN 310MW SI 4C 40 M	1			Q201
104	104	15-10705-00		XA 05 NPN 500MW SI 60 50 P	1			Q501
105	105	15-10706-00		XA 55 PNP 500MW SI 60 50 P	1			Q101
106	106	15-12976-00		MPSA43 NPN 625MW SI200 50	1			Q301,Q303
107	107 SEE NOTE 3	15-20857-01		MPS2369 NPN 350MW 40V 200MA T	2			Q202
108	108	15-27609-01		BU406 NPN 400V 60W T0220	1			Q302
109	109	15-28392-01		TRANSISTOR,VIDEO OUTPUT	1			L204
110	110	16-13898-01		33.0 UH INDUCTOR	12			L1-L3,L6-L8,L17,L20-L23,L302
111	111	16-18238-02		BEAD,FERRITE .1380DX .330LG	1			L201
112	112	16-21807-01		COIL,WIDTH,VARIABLE INDUCTOR	1			L5,L14,L16,L205
113	113	16-27761-01		10.0 UH 10% Q= 55 @ 7.9MHZ SRF=	4			T101
114	114	16-27975-01		XFR,FLYBACK,HI VOLT 18.9KHZ	1			L9-L13,L15
115	115	16-28226-01		CHOKE COIL 2.2UH 10%	6			T201
116	116	16-28286-01		XFMR,HOR BUFFER	1			L202
117	117	16-28287-01		COIL,LINEARITY	1			T202
118	118	16-28364-01		XFMR,DYNAMIC FOCUS LP=15MH TURNS	1			L304
119	119	16-28365-01		CHOKE,RF COATED 3.3UH 10% Q=65@7	1			Y3
120	120	18-28361-01		XTAL 26.366 MHZ	1			E15
121	121	19-12847-00		LS157 MUX 1 OF 2(QUAD)	1			E8
122	122	19-15219-00		LS373 FF-D OCTAL-TRANSPARE	1			E13
123	123	19-23889-01		EIA OCTAL LINE DRIVE	1			E14
124	124	19-23890-01		EIA OCTAL LINE RECEI	1			E100
125	125	19-27621-01		VERT DEFLECTION CHIP	1			E16
126	126	19-27782-01		DUAL LINE RECEIVER	1			E12
127	127	21-20068-01		2681 REC./TRANS.,ASYNC.,D	1			E5
128	128	21-20115-02		8031AH MICROPROCESSOR,8BIT	1			E3,E4
129	129	21-21384-03		RAM 8KX8,STATIC 120	2			E2
130	130	21-27705-02		DC7081 CONTROLLER,VIDEO+RAM,420	1			E6
131	131	23-N4 -01		1024 EPROM	1			

D	I	G	I	T	A	L	TITLE	MONITOR, LOGIC CONTROL MODULE	SECTION A OF A
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SIZE	CODE	DOCUMENT NUMBER	REV
K	PL	5417277-0-DBP	A

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QTY PER VAR/REV		REFERENCE DESIGNATORS
					O1	A1	
132	132	23-48E7 -00	E7-01		U	1	E9
133	133	36-18460-01	LABEL,BAR CODE BLANK	.38 X1.5		1	
134	134	C-IA-7024307-0-DBU	70-24307-02 A	CONN/WIRE ASSY		1	
135	135	B-IA-702476-0-DBU	70-24576-01 A	WIRE W/CONNECTOR		1	P8
136	136	B-IA-7024586-0-DBU	70-24586-01 A	WIRE W/PCB CRIMP		1	P11
137	137	B-IA-7024586-0-DBU	70-24586-02 A	WIRE W/PCB CRIMP		1	P12
138	138	B-IA-7024586-0-DBU	70-24586-03 A	WIRE W/PCB CRIMP		1	P13
139	139	B-IA-7024586-0-DBU	70-24586-04 A	WIRE W/PCB CRIMP		1	P14
140	140	B-IA-7024586-0-DBU	70-24586-05 A	WIRE W/PCB CRIMP		1	P15
141	141	C-MD-7434090-0-DBU	74-34090-01 A	THUMBWHEEL	2		
142	143		90-06010-01	SCREW,MACH PAN PHIL	4-	1	
143	144		90-06557-00	NUT,HEX EXT TOOTH LCKWSHR	4-40	1	
144	145		90-10057-00	WASHER,SHOULDER INSULATG PPS		1	

1 GEN: 11-26743-01 CAN BE SUBSTITUTED BY 11-28275-01.

2 GEN: 11-26743-02 CAN BE SUBSTITUTED BY 11-28275-02.

3 GEN: 15-20857-01 CAN BE SUBSTITUTED BY 15-21002-01.

D	I	G	I	T	A	L	TITLE	MONITOR, LOGIC CONTROL MODULE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5417277-0-DBP	A

AUTOMATED BY VAXKPL (V1.3)

PARTS LIST

SHEET A1 OF A1

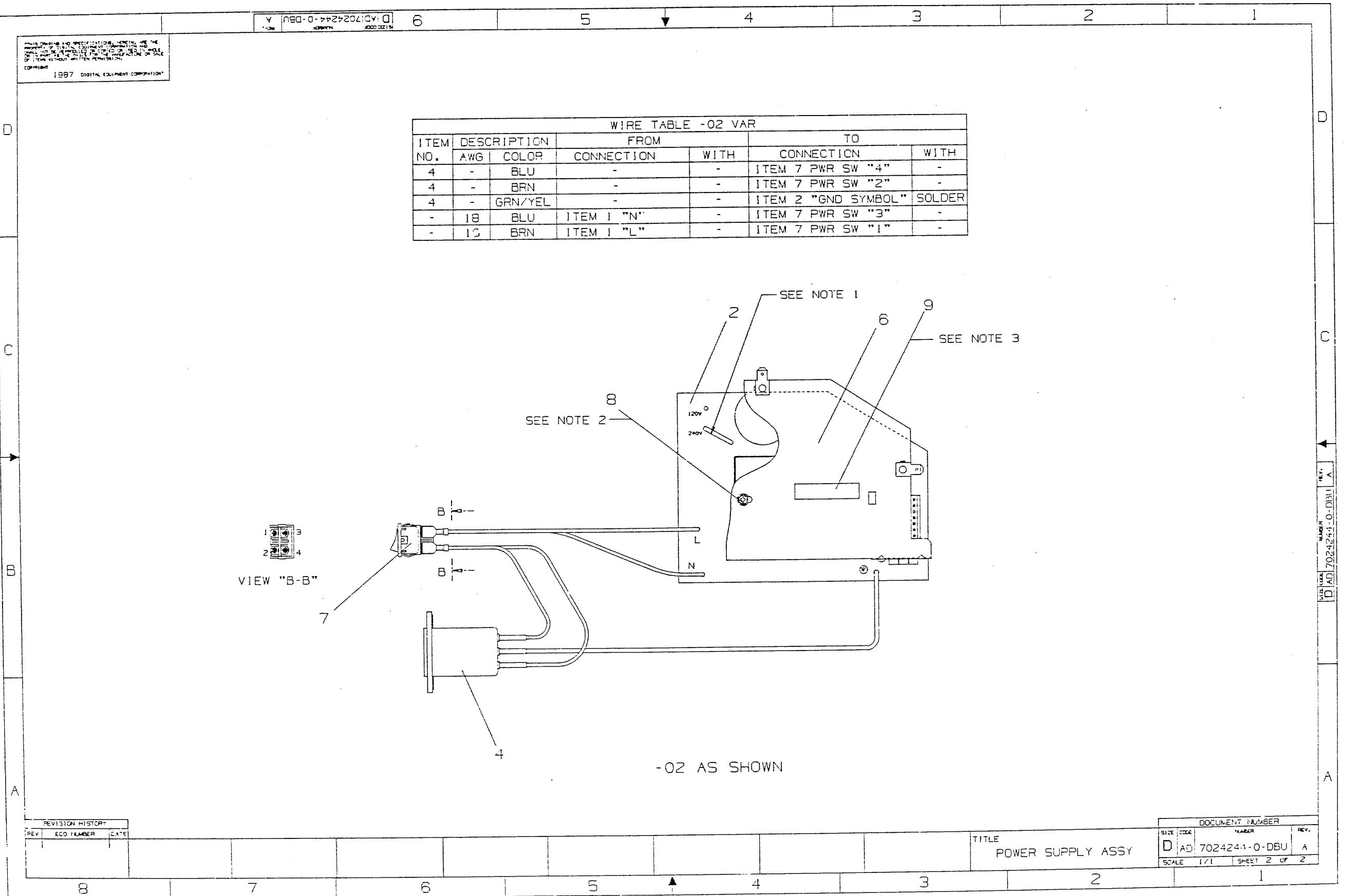
QUANTITY PER VARIATION/REVISION

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	01 A1	02 A1
1	1 B-00-5417191-0-0	54-17191-01	A	POWER SUPPLY BOARD	1	-
2	2 B-00-5417279-0-0	54-17279-01	A	PWR SUPPLY BRD	-	1
3	3 B-IA-7024296-0-DBU	70-24296-01	A	POWER CORD ASSY	1	-
4	4 B-IA-7024298-0-DBU	70-24298-01	A	FILTER ASSY	-	1
5	5 C-IA-7024570-0-DBU	70-24570-01	A	SHIELD/GND TAB ASSY	1	-
6	6 C-IA-7024570-0-DBU	70-24570-02	A	SHIELD/GND TAB ASSY	-	1
7	7	12-23381-02		SW,RKR DPST ON-NONE-OFF 10A25	1	1
8	8	90-00049-66		SCREW,SEMS PAN PHIL EXT WSH 4-40	1	1
9	9	36-18460-03		LABEL,BAR CODE BLANK .90 X2.2	1	1

REVISION HISTORY			KPL MATRIX FORMAT	SECTION A OF A	DRN: C.H. CHEN	D I G I T A L
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 17-SEP-86	TITLE
---	INITIAL	A	[A]	01,02	CHK'D: R.J. LIN	PARTS LIST
			[B]		DATE: 13-MAY-87	POWER SUPPLY ASSY
			[C]			DOCUMENT NUMBER
			[D]		DES.ENG: J. KOU	SIZE
			[E]		DATE: 17-SEP-86	CODE
			[F]		RESP.ENG.: O. LIN	NUMBER
			[H]		DATE: 13-MAY-87	REV
			[J]		MFG.ENG: GORDON WU	K PL
					DATE: 11-JUN-87	7024244-0-DBP A
						RELEASE DATE: 18-JUN-87
						RELEASE STATUS: RELEASED
			BASIC PART NUMBER:	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:
			7024244	D-AD-7024244-0-DBU	D-AD-7024244-0-DBU	MLA0718A.PLS
						EDIT #
						13

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8	9	5	4	3	2	1																																																
<small>PRINTED AND SPECIFICATIONS ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED, IN WHOLE OR IN PART, WITHOUT WRITTEN PERMISSION FROM THE COMPANY.</small> <small>1987 DIGITAL EQUIPMENT CORPORATION</small>				<small>DIA070244-0-DBU</small> <small>5122-244-0</small>																																																		
LEGEND				NOTES:																																																		
<table border="1" style="margin: auto;"> <tr> <th>PART NO</th> <th>REV.</th> <th>DESCRIPTION</th> </tr> <tr> <td>7024244-01</td> <td>A01</td> <td>120V W/ATTACHED PWR CORD</td> </tr> <tr> <td>7024244-02</td> <td>A01</td> <td>120/240V W/O PWR CORD</td> </tr> </table>				PART NO	REV.	DESCRIPTION	7024244-01	A01	120V W/ATTACHED PWR CORD	7024244-02	A01	120/240V W/O PWR CORD	<ol style="list-style-type: none"> 1. POSITION VOLTAGE SELECTION JUMPER FOR 240V ON -02 VAR. 2. TORQUE REQUIREMENT 4-6 IN-LBS 3. MARK ITEM 9 WITH PART NO. AND REV. PER DEC STD 047. LOCATED APPROXIMATELY AS SHOWN. 																																									
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7024244-01	A01	120V W/ATTACHED PWR CORD																																																				
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WIRE TABLE -01 VAR																																																						
<table border="1" style="margin: auto;"> <thead> <tr> <th rowspan="2">ITEM NO.</th> <th colspan="2">DESCRIPTION</th> <th colspan="2">FROM</th> <th colspan="2">TO</th> </tr> <tr> <th>AWG</th> <th>COLOR</th> <th>CONNECTION</th> <th>WITH</th> <th>CONNECTION</th> <th>WITH</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>-</td> <td>BLU</td> <td>-</td> <td>-</td> <td>ITEM 7 PWR SW "4"</td> <td>-</td> </tr> <tr> <td>3</td> <td>-</td> <td>BRN</td> <td>-</td> <td>-</td> <td>ITEM 7 PWR SW "2"</td> <td>-</td> </tr> <tr> <td>3</td> <td>-</td> <td>GRN/YEL</td> <td>-</td> <td>-</td> <td>ITEM 1 "GND SYMBOL" SOLDER</td> <td></td> </tr> <tr> <td>-</td> <td>18</td> <td>BLU</td> <td>ITEM 1 "N"</td> <td>-</td> <td>ITEM 7 PWR SW "3"</td> <td>-</td> </tr> <tr> <td>-</td> <td>18</td> <td>BRN</td> <td>ITEM 1 "L"</td> <td>-</td> <td>ITEM 7 PWR SW "1"</td> <td>-</td> </tr> </tbody> </table>				ITEM NO.	DESCRIPTION		FROM		TO		AWG	COLOR	CONNECTION	WITH	CONNECTION	WITH	3	-	BLU	-	-	ITEM 7 PWR SW "4"	-	3	-	BRN	-	-	ITEM 7 PWR SW "2"	-	3	-	GRN/YEL	-	-	ITEM 1 "GND SYMBOL" SOLDER		-	18	BLU	ITEM 1 "N"	-	ITEM 7 PWR SW "3"	-	-	18	BRN	ITEM 1 "L"	-	ITEM 7 PWR SW "1"	-			
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VIEW "A-A"				CAUTION: OFF SHEET PARTS LIST EXISTS. SEE K-PL-7024244-0-DBP (MLA0718A.PLS)																																																		
3 -01 AS SHOWN				POWER SUPPLY ASSY																																																		
REVISION HISTORY				DOCUMENT NUMBER																																																		
<small>REV. DATE BY L. CHEN</small> <small>ECO. NUMBER</small> <small>RELEASED</small>				<small>SIZE CODE</small> <small>NUMBER</small> <small>REV.</small>																																																		
<small>14-MAY-87</small> <small>R.J. LIN</small> <small>DES. ENG.</small>				<small>D-AD</small> <small>7024244-0-DBU</small> <small>A</small>																																																		
<small>15-SEP-88</small> <small>C.H. CHEN</small> <small>CHK'D</small>				<small>DATE</small> <small>14-MAY-87</small> <small>DO NOT SCALE DRAWING</small>																																																		
<small>15-SEP-88</small> <small>J. KOU</small> <small>RESP. ENG.</small>				<small>DATE</small> <small>15-SEP-88</small> <small>REMOVE BURRS AND BREAK SHARP CORNERS</small>																																																		
<small>14-MAY-87</small> <small>O. LIN</small> <small>MATERIAL</small>				<small>DATE</small> <small>14-MAY-87</small> <small>W.F. ENG.</small>																																																		
<small>14-MAY-87</small> <small>G. WU</small> <small>FINISH</small>				<small>DATE</small> <small>14-MAY-87</small> <small>TOP DOC. NO.</small> <small>D-AD-7024244-0-DBU</small> <small>SCALE</small> <small>1/1</small> <small>SHEET 1 OF 2</small>																																																		



5417279-0-0 A DD 8
1987

DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS
		54-17279-01	POWER SUPPLY MODULE	A1
D-UA-5417279-0-0	1		UNIT ASSY	A
B-CS-5417279-0-1	1		SCHEMATIC	A
K-PL-5417279-0-DBP	2		PARTS LIST	A
K-PC-5417279-0-DBV	1		P.C. DESIGN DATA BASE	A
X-CS-5417279-0-DBX	1		VALID DATA BASE	A
		50-17278-01	ETCH CIRCUIT BOARD	E01
B-DD-5017278-0-0	1		DRAWING DIRECTORY	A

NOTES:

REVISION HISTORY
DATE ECO NO. REV.
1987 JUN 87 RELEASED A

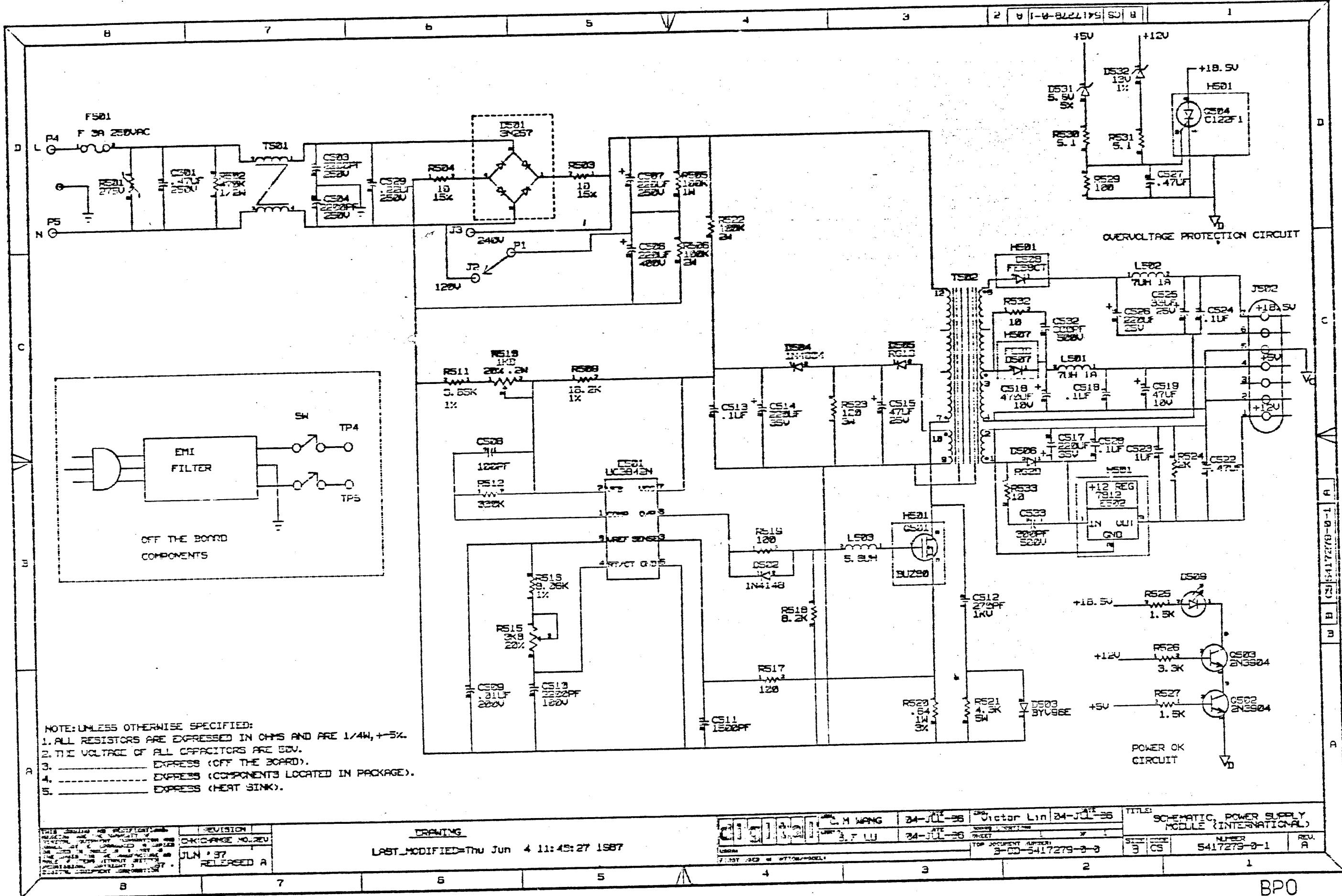
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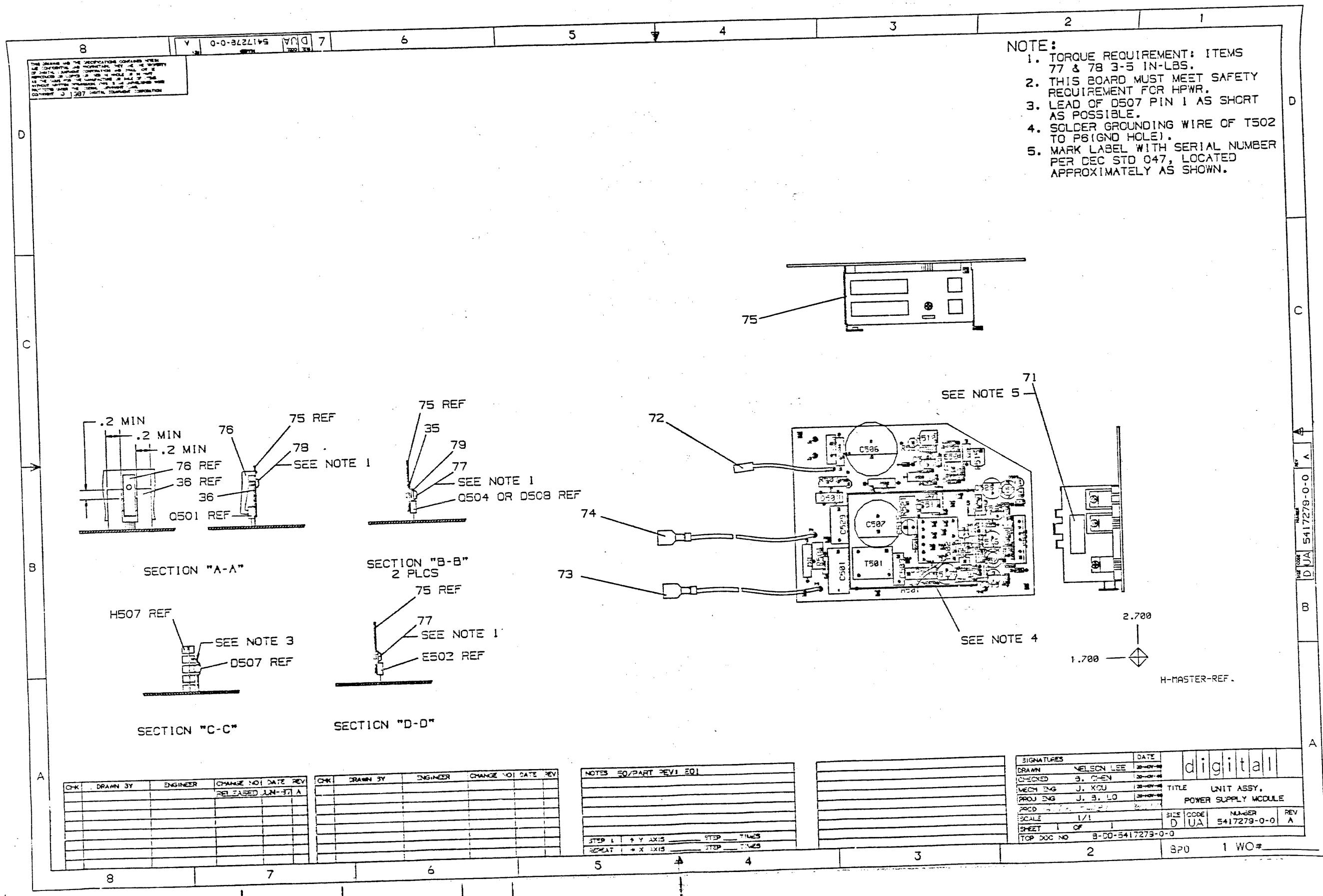
1987

DRN.	F. LIU	DATE	TITLE	
CHK'D	B. CHEN	DATE	DWG DIR, POWER SUPPLY MODULE	
DES. ENG.	V. LIN	DATE	DOCUMENT NUMBER	
REP. ENG.	J. B. LO	DATE	SHEET	NUMBER
WFB ENG.	G. CHRISTIANSEN	DATE	8	5417279-0-0

BPO



BPO



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PARTS LIST

SHEET A1 OF A2

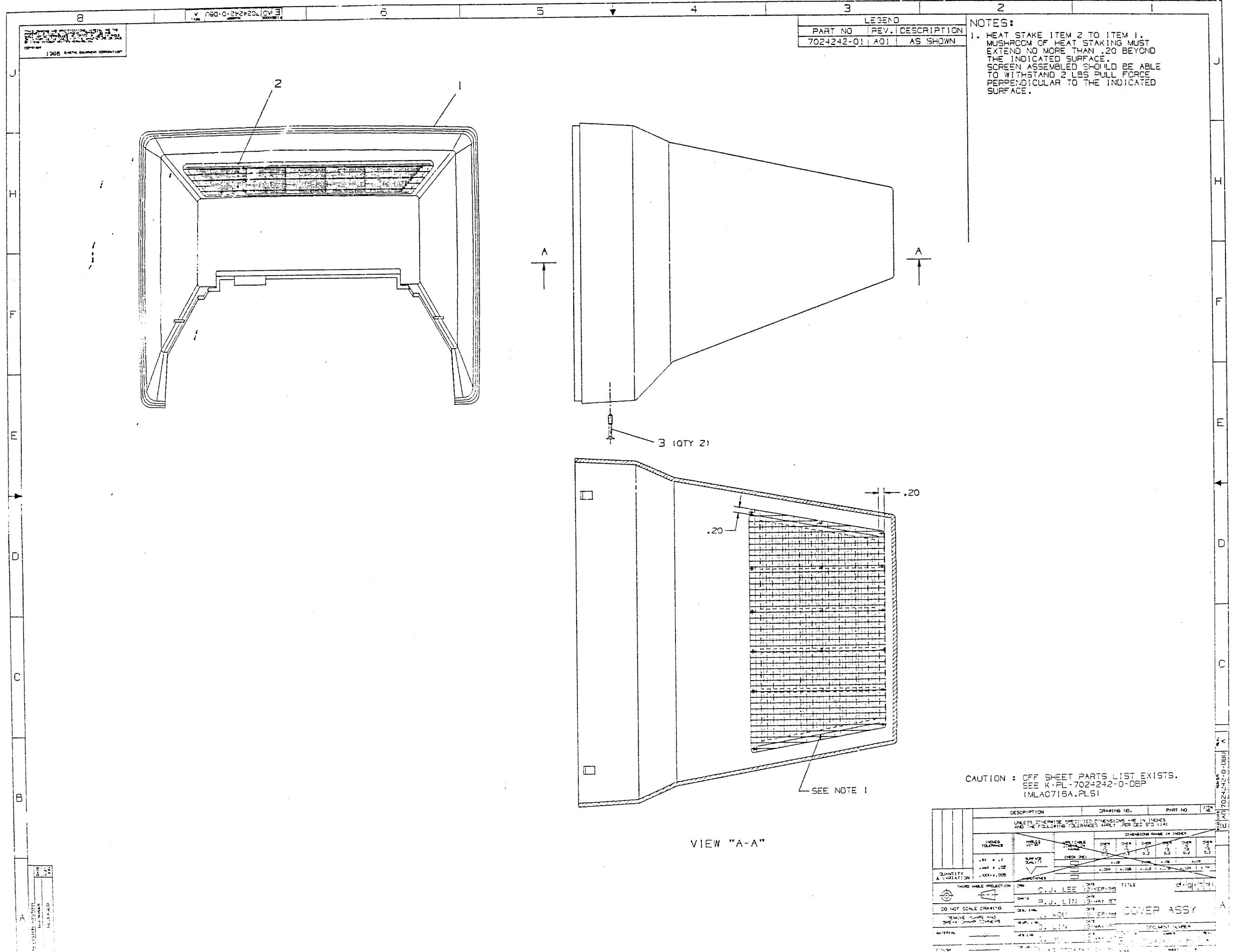
LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
					01	A1
1	1	B-00-5017278-0-0	50-17278-01	E DRILL AND ETCH	1	
2	2		10-10274-02	1.0 MFD 50V +/-20% Z5U C	1	C523
3	3		10-10978-60	0.10 MFD 50V +/-10% X7R C	3	C513,C518,C524
4	4		10-12312-01	0.47 MFD 50V +/-20% Z5U C	2	C522,C527
5	5		10-13466-06	100 PFD 50V +/- 5% NPO C	1	C508
6	6		10-13466-22	0.10 MFD 50V +/-20% Z5U C	1	C528
7	7		10-13466-29	1500 PFD 50V +/- 5% NPO C	1	C511
8	8		10-16572-00	300 PFD 500V +/-10% X5F/X	2	C532,C533
9	9		10-16639-00	0.010MFD 200V +/-10% MYLAR	1	C509
10	10		10-19413-06	220 MFD 250V +/-20% ALU	1	C507
11	11		10-22398-01	470 MFD 10V +/-20% ALU	1	C516
12	12		10-24317-02	0.47 MFD 250VAC +/-20% LIN	1	C501
13	13		10-24317-03	0.22 MFD 250VAC +/-20% LIN	1	C529
14	14		10-24375-01	2200 PFD 250VAC +/-20% LIN	2	C503,C504
15	15		10-24422-01	220 MFD 35V +/-20% ALU	1	C514
16	16		10-26456-01	2200 PFD 100V +/- 1% POLYPR	1	C510
17	17		10-27183-02	270 PFD 1000V +/-20% POLYP	1	C512
18	18		10-27912-01	47 MFD 25 +/-20% ALU	1	C515
19	19		10-27942-01	220 MFD 25V +/-20% ALU	1	C526
20	20		10-27944-01	220 MFD 400V +/-20% ALU	1	C506
21	21		10-27955-01	33 MFD 25V +/-20% ALU	1	C525
22	22		10-28104-01	47 MFD IPV +/-20% ALU	1	C519
23	23		10-28114-01	220 MFD 35V +/-20% ALU	1	C517
24	24		11-02808-00	VZ= 5.6 5% 400 MW 1N752A	1	D531
25	25		11-05796-00	PIV= 400 IO= 1.00A 1N4004 DO-41	1	D504
26	26		11-12595-01	PIV= 200 IO= 1.00A AXIAL	1	D505
27	27		11-14384-00	LED 105MW 35MA GREEN	1	D509
28	28		11-16475-00	PIV= 75 - 4NS 1N4148	1	D502
29	29		11-17490-00	RECT,ULTRA FAST PIV= 150 IO= 8.0	1	D508
30	30		11-18411-00	VZ= 13.0 1% 500 MW 1N5243	1	D532
31	31		11-20828-01	PIV=1000 IO= 1.50A	1	D503
32	32		11-21435-01	RECT. ASSY PIV= 600 IO= 2.00A	1	D501

REVISION HISTORY			KPL MODULE FORMAT	SECTION A OF A1 DRN: F LIU	DATE: 20-NOV-86	D I G I T A L
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX	CHK'D: B CHEN	DATE: 20-NOV-86	TITLE PARTS LIST
---	INITIAL	A	[(A) 01] [M]	DES. ENG: V LIN	DATE: 20-NOV-86	POWER SUPPLY MODULE
			[(B)] [N]			
			[(C)] [P]			
			[(D)] [Q]			
			[(E)] [R]			
			[(F)] [S]	RESP. ENG.: JB LO	DATE: 20-NOV-86	DOCUMENT NUMBER
			[(G)] [T]			SIZE CODE
			[(H)] [V]			NUMBER
			[(I)] [W]	MFG. ENG: G. CHRISTIANSEN	DATE: 20-NOV-86	REV
			[(J)] [Y]			K PL 5417279-0-DBP A
				RELEASE DATE: 17-JUN-87		
				RELEASE STATUS: RELEASED		
			BASIC PART NUMBER: 5417279	ASSEMBLY NUMBER: D-UA-5417279-0-0	TOP DOCUMENT NUMBER: B-00-5417279-0-0	FILE NAME: MLA1270A.PLS
						EDIT # 16

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LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
						O1	A1
33	33		11-25363-04		RECT,ULTRA FAST PIV=200 IO= 2.0A	1	D506
34	34		11-28186-01		PIV= 100 IO= 3.0 A 35NS	1	D507
35	35		12-13071-06		INSULATOR,RUBBER SILICONE	2	
36	36		12-13071-22		INSULATOR,RUBBER SILICONE	1	
37	37		12-15228-03		HEAT SINKS,T0-220 1.250X0.87	1	H507
38	38		12-24261-01		PCB HEADER PIN .1250D TIN	2	J2,J3
39	39		12-28096-01		FUSE,5X20 3.0 A 250V AXIAL LEA	1	F501
40	40		12-28477-02		PCB HEADER 07POS(1X07).156CC STR	1	J502
41	41		13-00229-00		100.0 .25 W 5.0 % CF	3	R517,R519,R529
42	42		13-00391-00		1.50 K .25 W 5.0 % CF	2	R525,R527
43	43		13-00439-00		3.30 K .25 W 5.0 % CF	1	R526
44	44		13-01317-00		10.0 .25 W 5.0 % CF	2	R532,R533
45	45		13-02091-00		330.0 K .25 W 5.0 % CF	1	R512
46	46		13-02388-00		2.0 K .25 W 5.0 % CF	1	R524
47	47		13-03179-00		8.20 K .25 W 5.0 % CF	1	R518
48	48		13-05337-J0		3.65 K .25 W 1.0 % RN550-F10	1	R511
49	49		13-09412-00		18.20 K .25 W 1.0 % RN550-F10	1	R509
50	50		13-09422-00		5.10 .25 W 5.0 % CF	2	R530,R531
51	51		13-11996-02		VARISTOR 275VAC VOLT TRANS SUP	1	R501
52	52		13-18150-12		8.06 K .25 W 1.0 % RN550-F10	1	R516
53	53		13-19470-53		100.0 K 1.0 W 5.0 % M.OXIDE	1	R505
54	54		13-19471-44		100.0 K 2.0 W 5.0 % M.OXIDE	2	R506,R522
55	55		13-20715-01		470.0 K .50 W 5.0 % CF	1	R502
56	56		13-27007-01		THERMISTOR NTC 10. 15%	2	R503,R504
57	57		13-27013-13		120.0 3.0 W 5.0 % M.OXIDE	1	R523
58	58		13-28026-02		POT-OPEN/TRIM 1.0K 0.2 W 20.0	1	R510
59	59		13-28026-07		POT-OPEN/TRIM 3.0K 0.2 W 20.0	1	R515
60	60		13-28255-01		4.3 K 5.0 W 5.0% MO	1	R521
61	61		13-28260-01		0.64 1.0 W 3.0 % WW	1	R520
62	62		15-09524-00		2N 3904 NPN 310MW SI 40 40 M	2	Q502,Q503
63	63		15-19536-01		SCR PIV= 50 IO= 8.00A	1	Q504
64	64		15-21377-01		FET 75W 850V 2A N CH	1	Q501
65	65		16-12946-03		5.6 UH 10% Q MIN=52@7.9MHZ	1	L503
66	66		16-28285-01		CHOKE COIL 7.0UH	2	L501,L502
67	67		16-28363-01		XFMR,SWITCH MODE 8.5KHZ	1	T502
68	68		16-28431-01		INDUCTOR,COMMON MODE	1	T501
69	69		19-12048-05		7812 VOLT REG,FIX +12V	1	E502
70	70		19-23626-01		PWM OFF-LINE CURRENT	1	E501
71	71		36-18460-01		LABEL,BAR CODE BLANK .38 X1.5	1	
72	72	B-IA-7022351-0-0	70-22361-0C	A	JUMPER VOLTAGE SELECTOR	1	P1
73	73	B-IA-7023276-0-DBU	70-23276-05	A	WIRE W/FASTON	1	P5
74	74	B-IA-7023276-0-DBU	70-23276-06	A	WIRE W/FASTON	1	P4
75	75	B-IA-7024553-0-DBU	70-24553-01	A	ENCLOSURE, SHIELD W/GND TABS	1	H501
76	76	C-MO-7435248-0-DBU	74-35248-01	A	CLIP	1	
77	77		90-08301-01		SCREW,MACH PAN PHIL 4-	3	
78	78		90-09800-02		SCREW,THD RL,PAN PHIL F/PLAS	1	
79	79		90-10057-00		WASHER,SHOULDER INSULATG PPS	2	

! O	! T	! G	! E	! T	! A	! L	! TITLE	! SECTION A OF A	! SIZE!CODE! DOCUMENT NUMBER	! REV
!	!	!	!	!	!	!	POWER SUPPLY MODULE	!	!	!



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P A R T S L I S T

SHEET A1 OF A1

QUANTITY PER VARIATION/REVISION

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	O A
1	1 E-MD-7434074-0-DBU	74-34074-01	A	COVER, TOP	
2	2 B-MD-7434862-0-DBU	74-34862-01	A	SCREEN, LOUVER	
3	3	12-28386-01		SCREW, CAPTIVE	6-32

REVISION HISTORY			KPL MATRIX FORMAT	SECTION A OF A	DRN: C. J. LEE	D I G I T A L	
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 17-SEP-86		
---	INITIAL	A	[A] 01		CHK'D: R. J. LIN	TITLE PARTS LIST	
			[B]		DATE: 13-MAY-87	COVER ASSY	
			[C]				
			[D]		DES.ENG: J. KOU	DOCUMENT NUMBER	
			[E]		DATE: 17-SEP-86	SIZE CODE NUMBER REV	
			[F]		RESP.ENG.: O. LIN	K PL 7024242-0-DBP A	
			[H]		DATE: 13-MAY-87		
			[J]		MFG.ENG: GORDON WU	RELEASE DATE: 18-JUN-87	
					DATE: 11-JUN-87	RELEASE STATUS: RELEASED	
			BASIC PART NUMBER: 7024242	ASSEMBLY NUMBER: E-AD-7024242-0-DBU	TOP DOCUMENT NUMBER: E-AD-7024242-0-DBU	FILE NAME: MLA0716A.PLS	EDIT # 5

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8	9	5	4	3	2	1																								
			D 1A 7024577-0-DBU A																											
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7024577-01	A01	AS SHOWN																												
7024577-02	A01	AS SHOWN																												
NOTES: <ol style="list-style-type: none"> 1. MARK ITEM 8 WITH PART NO. AND REV. PER DEC STD 047. LOCATED APPROXIMATELY AS SHOWN. 2. TORQUE REQUIREMENT: ITEM 7 4-6 IN-LBS 																														
INTERCONNECTION TABLE <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>ITEM</th> <th>TO</th> <th>WITH</th> </tr> </thead> <tbody> <tr> <td>I OR 2 MONITOR, LOGIC CONTROL MODULE WIRE W/PCB CRIMP BRN</td> <td>ITEM 3</td> <td>ARC PROTECTION MODULE MH1</td> <td>SOLDER</td> </tr> <tr> <td>I OR 2 MONITOR, LOGIC CONTROL MODULE WIRE W/PCB CRIMP YEL</td> <td>ITEM 3</td> <td>ARC PROTECTION MODULE MH2</td> <td>SOLDER</td> </tr> <tr> <td>I OR 2 MONITOR, LOGIC CONTROL MODULE WIRE W/PCB CRIMP RED</td> <td>ITEM 3</td> <td>ARC PROTECTION MODULE MH3</td> <td>SOLDER</td> </tr> <tr> <td>I OR 2 MONITOR, LOGIC CONTROL MODULE WIRE W/PCB CRIMP GRN</td> <td>ITEM 3</td> <td>ARC PROTECTION MODULE MH4</td> <td>SOLDER</td> </tr> <tr> <td>I OR 2 MONITOR, LOGIC CONTROL MODULE WIRE W/PCB CRIMP BLU</td> <td>ITEM 3</td> <td>ARC PROTECTION MODULE MH5</td> <td>SOLDER</td> </tr> </tbody> </table>							FROM	ITEM	TO	WITH	I OR 2 MONITOR, LOGIC CONTROL MODULE WIRE W/PCB CRIMP BRN	ITEM 3	ARC PROTECTION MODULE MH1	SOLDER	I OR 2 MONITOR, LOGIC CONTROL MODULE WIRE W/PCB CRIMP YEL	ITEM 3	ARC PROTECTION MODULE MH2	SOLDER	I OR 2 MONITOR, LOGIC CONTROL MODULE WIRE W/PCB CRIMP RED	ITEM 3	ARC PROTECTION MODULE MH3	SOLDER	I OR 2 MONITOR, LOGIC CONTROL MODULE WIRE W/PCB CRIMP GRN	ITEM 3	ARC PROTECTION MODULE MH4	SOLDER	I OR 2 MONITOR, LOGIC CONTROL MODULE WIRE W/PCB CRIMP BLU	ITEM 3	ARC PROTECTION MODULE MH5	SOLDER
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<p>The diagram illustrates the interconnection between logic control modules (labeled 1 OR 2) and arc protection modules (labeled 3). Wires from the logic modules connect to a central printed circuit board (PCB) via crimp terminals. The PCB has several circular pads labeled YEL, GRN, BLU, and RED. These wires then connect to individual arc protection modules (labeled 3). Dimensions shown include 2.0 ± .2 for the logic module height, 3.0 ± .2 for the distance between logic modules, and 2.0 ± .2 for the distance between logic modules and the PCB. A note indicates that item 8 is located approximately as shown.</p>																														

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PARTS LIST

SHEET A1 OF A1

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION	
					01 A1	02 A1
1	1	B-00-5417189-0-0	54-17189-01	A MONITOR LOGIC CONTROL BOARD	1	-
2	2	B-00-5417277-0-0	54-17277-01	A LOGIC CNTRL BRD MONITOR	-	1
3	3	B-00-5417339-0-0	54-17339-01	A ARC PROTECTION BOARD	1	1
4	4	C-IA-7024597-0-DBU	70-24597-01	A SHIELD/INSULATOR	1	1
5	5	C-IA-7025384-0-DBU	70-25384-01	A COVER EMI W/GND FINGERS	1	1
6	6		90-09996-00	TIE,CABLE PRELOADED MAG.100 EA	2	2
7	7		12-23598-02	SCREW,PAN, WASHER 4-40	13	13
8	8		36-18460-03	LABEL,BAR CODE BLANK .90 X2.2	1	1

REVISION HISTORY			KPL MATRIX FORMAT		SECTION A OF A	DRN: Y.W. LEE	D I G I T A L			
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		CHK'D: R.J. LIN	DATE: 11-MAY-87	TITLE PARTS LIST			
---	INITIAL	A	[A] 01,02				MONITOR & LOGIC W/ARC PROTECTION			
			[B]				DOCUMENT NUMBER			
			[C]				SIZE	CODE	NUMBER	REV
			[D]				K	PL	7024577-0-DBP	A
			[E]				RELEASE DATE: 18-JUN-87			
			[F]				RELEASE STATUS: RELEASED			
			[G]							
			[H]							
			[I]							
			[J]							