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TABLE OF CONTENTS, FIELD MAINTENANCE PRINT SET PART NO. MPO2412-01

	UNIT VARIATIONS COVERED BY THIS PRINT SET			
	VT340-A2	VT340-A3	VT340-A4	VT340-A5
K-TC-VT340-0-1	TABLE OF CONTENTS		E-AD-7023687-0-DBU	ASSY DWG, REAR COVER ASSY
K-DD-VT340-0	DWG DIR, COLOR GRAPHIC TERMINAL		K-PL-7023687-0-DBP	PARTS LIST
E-UA-VT340-0-DBU	UNIT ASSY		E-AD-7023688-0-DBU	ASSY DWG, BEZEL/CRT/CHASSIS ASSY
K-PL-VT340-0-DBP	PARTS LIST		K-PL-7023688-0-DBP	PARTS LIST
B-DD-5416963-0-0	DWG DIR, VIDEO AMPLIFIER MODULE		C-AD-7022618-0-DBU	ASSY DWG, CONTROL/BRKT ASSY
K-FL-5416963-0-DBP	PARTS LIST		K-PL-7022618-0-DBP	PARTS LIST
D-UA-5416963-0-0	UNIT ASSY			
B-CS-5416963-0-1	SCHEMATIC		A-PA-3700968-0-0	PKG MONITOR VT340 INTERPLANT
B-DD-5416965-0-0	DWG DIR, TERMINAL CONTROL MODULE			
K-PL-5416965-0-DBP	PARTS LIST			
D-UA-5416965-0-0	UNIT ASSY			
B-CS-5416965-0-1	SCHEMATIC			
C-AD-7022623-0-DBU	ASSY DWG, ROM CARTRIDGE ASSY, VT330/340			
K-PL-7022623-0-DBP	PARTS LIST			
D-IA-7024516-0-DBU	INSEP ASSY, PS/MONITOR AND ARC PROTECTION ASSY			
K-PL-7024516-0-DBP	PARTS LIST			
B-DD-5416961-0-0	DWG DIR, PWR SUP/MONITOR MODULE			
K-PL-5416961-0-DBP	PARTS LIST			
D-UA-5416961-0-0	UNIT ASSY			
B-CS-5416961-0-1	SCHEMATIC			
B-DD-5417106-0-0	DWG DIR, CRT ARC PROTECTION MODULE			
K-PL-5417106-0-DBP	PARTS LIST			
D-UA-5417106-0-0	UNIT ASSY			
B-CS-5417106-0-1	SCHEMATIC			
E-MD-7433422-0-DBU	MECH DETAIL, PANEL, REAR			
C-AD-7022620-0-DBU	ASSY DWG, INLET/SWITCH ASSY			
K-PL-7022620-0-DBP	PARTS LIST			

----- REVISION HISTORY

| D | I | G | I | T | A | L | | DRN: Bruce Harvey
| . | . | . | . | . | . | . | | CHK'D: Oliver Lin
| . | . | . | . | . | . | . | | DES.ENG: Oliver Lin
-----| FIELD SERVICE: Bob Welch
T-1 P N K RD VT240 0 | MES.ENS: Condor Hu

DATE	2 FEB 87	TITLE: TABLE OF CONTENTS			
DATE	3 Feb 87	VT340 COLOR GRAPHIC TERMINAL			
DATE	3 Feb 87	-----			
DATE	3 Feb 87	SECTION	SHEET	DOCUMENT NUMBER	REV
DATE	3 Feb 87	A OF A	1 OF 1	K-TC-VT340-0-1	A

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DOCUMENT/PART NO. | DESCRIPTION | DOCUMENT/PART REVISIONS

VT340-A2	CLR GRAPH TERM, MULTISESSION NORTHRN HEMSPHR, 120V (NO KYBD)	A1 B1
VT340-A3	CLR GRAPH TERM, MULTISESSION NORTHRN HEMSPHR, 240V (NO KYBD)	A1 B1
VT340-A4	CLR GRAPH TERM, MULTISESSION SOUTHRN HEMSPHR, 120V (NO KYBD)	A1 B1
VT340-A5	CLR GRAPH TERM, MULTISESSION SOUTHRN HEMSPHR, 240V (NO KYBD)	A1 B1
E-UA-VT340-0-DBU	UNIT ASSY PARTS LIST K-PL-VT340-0-DBP K-TC-VT340-0-1 MP-02412-01	A B REF REF

NOTES:

DRAWING DIRECTORY REVISION

DATE	ECO NUMBER	REV	DATE	ECO NUMBER	REV	DATE	ECO NUMBER	REV
5-FEB-87	INITIAL	A		ML001	B			

d	1	g	1	t	a	1	DEN: Y. W. LEE CHK'D: J. P. LO DES. ENG: K. L. SHEN RES. ENG: O. Lin MFG. ENG: Gordon Wu	DATE 04 APR 86 DATE 18 DEC 86 DATE 04 APR 86 DATE 18 DEC 86 DATE 5 FEB 87	TITLE: DRAWING DIRECTORY VS340 COLOR GRAPHICS TERMINAL SECTION A OF A	1 OF 1
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DATE	ECO NUMBER	REV	DATE	ECO NUMBER	REV	DATE	ECO NUMBER	REV

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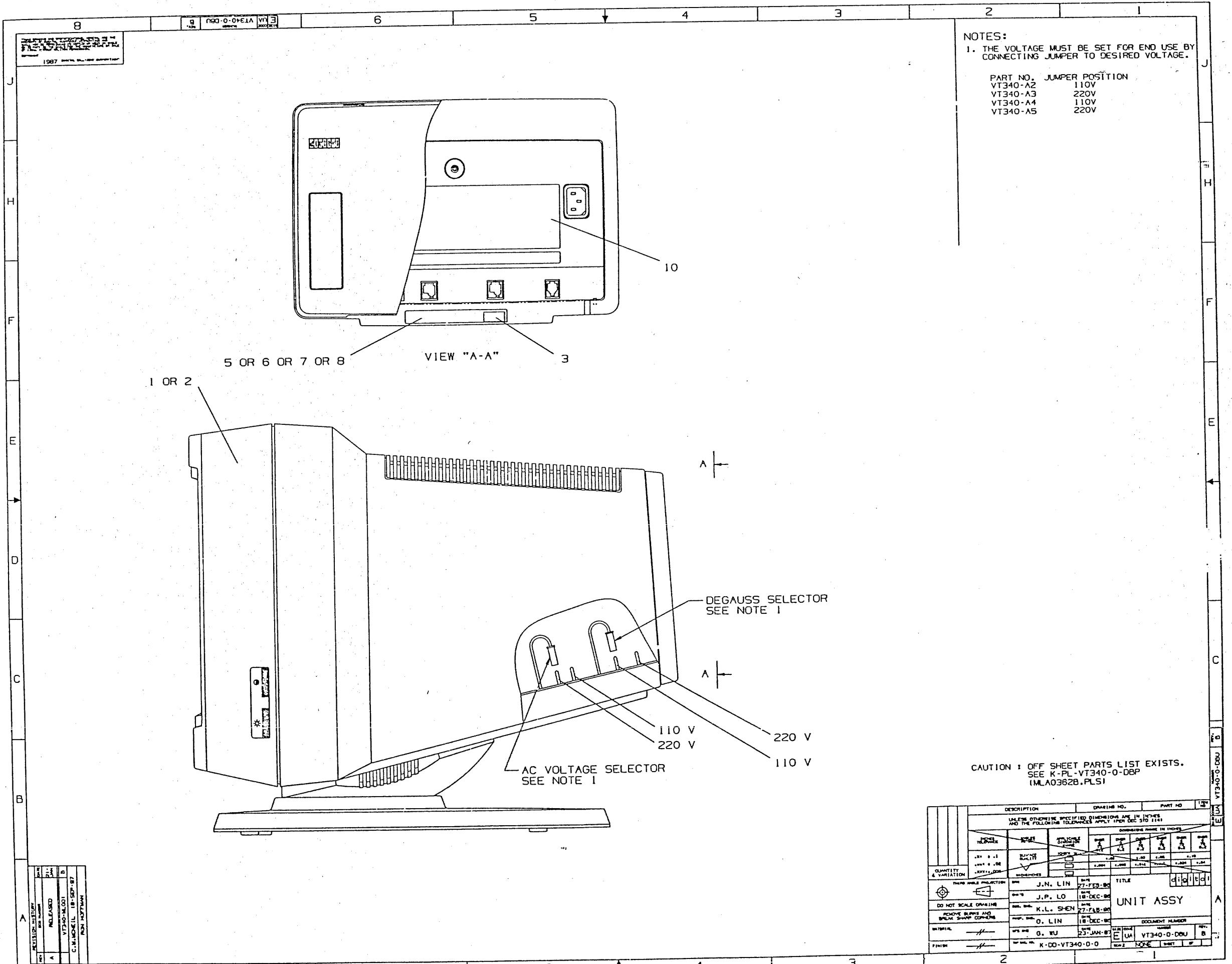
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P A B T S | I L S

SHEET A1 OF A1

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION			
					A2 B1	A3 B1	A4 B1	A5 B1
1	1	E-AD-7023725-0-DBU	70-23725-01	A TERMINAL SUBASSM	1	1	-	-
2	2	E-AD-7023725-0-DBU	70-23725-02	A TERMINAL SUBASSM	-	-	1	1
3	3		36-18460-01	LABEL,BAR CODE BLANK .38 X1.5	1	1	1	1
4	4			*** THIS ITEM IS NOT USED ***	-	-	-	-
5	5		36-26331-13	LABEL,SERIAL VT340-A2	1	-	-	-
6	6		36-26331-14	LABEL,SERIAL VT340-A3	-	1	-	-
7	7		36-26331-15	LABEL,SERIAL VT340-A4	-	-	1	-
8	8		36-26331-16	LABEL,SERIAL VT340-A5	-	-	-	1
9	9		37-00968-01	PKG MONITOR VT340 INTERPLANT	1	1	1	1
10	10		36-26330-07	A LABEL,REGULATORY VT340 CLASS A W/O	1	1	1	1

REVISION HISTORY			KPL MATRIX FORMAT SECTION A OF A			DRN: J. N. LIN	D I G I T A L			
						DATE: 28-FEB-86				
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			CHK'D: J. P. LO	TITLE PARTS LIST			
			[A]	A2,A3,A4,A5		DATE: 18-DEC-86	UNIT ASSY			
---	INITIAL	A	[B]			DES.ENG: K.L. SHEN	DOCUMENT NUMBER			
RH	VT340-ML001	B	[C]			DATE: 28-FEB-86	SIZE	CODE	NUMBER	REV
			[D]			RESP.ENG.: O. LIN	K	PL	VT340-O-DBP	B
			[E]			DATE: 18-DEC-86				
			[F]			MFG.ENG: GORDON WU	RELEASE DATE: 21-SEP-87			
			[G]			DATE: 26-JAN-87	RELEASE STATUS: RELEASED			
			[H]							
			[I]							
			[J]							
BASIC PART NUMBER:			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			FILE NAME:	EDIT #
VT340			IE-UA-VT340-O-DBU			IK-DD-VT340-0			MLA0362B.PLS	3

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5416963-0-0

REVISIONS

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REVISION HISTORY		DATE	ECO NO.	REV.
JAN	RELEASED	.87	A	
10/87	ML001		5-416963-	B

DRN.	F. LIU	DATE 5-MAY-86	TITLE DWG DIR, VIDEO AMPLIFIER MODULE		
CHK'D	B. CHEN	DATE 5-MAY-86			
DES. ENG.	C.L. CHUANG	DATE 5-MAY-86	DOCUMENT NUMBER		
RESP. ENG.	L. JEAN	DATE 5-MAY-86	SIZE B	CODE DD	NUMBER 5416963-0-0
MFG. ENG.	<i>Samuel L. Jeanne</i>	DATE 6 Feb 87	SHEET 1 OF 1		REV. B

AUTOMATED BY VAXKPL (V1.3)

PARTS LIST

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV		REFERENCE DESIGNATORS
					O1	A2	
1	1	B-00-5016962-0-0	50-16962-01	F CIRCUIT DRILL AND ETCH	1		
2	2		10-10978-36	0.10 MFD 50V +/-10% X7R C	3		C216,C316,C416
3	3		10-12312-01	0.47 MFD 50V +80/-20% Z5U C	2		C204,C207
4	4		10-12784-00	0.047MFD 50V +80/-20% Z5U C	6		C224,C225,C324,C325,C424,C425
5	5		10-13466-28	1000 PFD 50V +/- 5% NPO C	9		C201,C214,C215,C301,C314,C315, CONT C401,C414,C415
6	6		10-16571-00	0.020MFD 500V +80/-20% Z5U	6		C218,C221,C318,C321,C418,C421
7	7		10-18000-25	220 MFD 16V +/-20% ALU	2		C205,C206
8	8		10-18000-29	10 MFD 25V +75/-20% ALU	4		C200,C217,C317,C417
9	9		10-18000-32	10 MFD 160V +50/-20% ALU	7		C220,C222,C223,C320,C322,C420, CONT C422
10	10		10-26683-02	0.47 MFD 160V +/- 5% MET.	3		C219,C319,C419
11	11		11-16475-00	PIV= 75 - 4NS 1N4148	12		D212-D215,D312-D315,D412-D415
12	12		12-13071-06	INSULATOR, RUBBER SILICONE	3		
13	13		12-27281-01	HEATSINK	3		H208,H308,H408
14	14		12-27247-03	PCB HEADER 16PIN(2X08).100CC 90D	1		J200
15	15		12-27325-04	PCB HEADER 07POS(1X07).156CC STR	1		J204
16	16		13-00228-00	100.0 .50 W 5.0 % CF	3		R233,R333,R433
17	17		13-00247-00	120.0 .25 W 5.0 % CF	3		R223,R323,R423
18	18		13-00271-00	220.0 .25 W 5.0 % CF	15		R228-R231,R251,R328-R331,R351, CONT R428-R431,R451
19	19		13-00365-00	1.0 K .25 W 5.0 % CF	20		R200,R203-R205,R256-R259,R303, CONT R304,R356-R359,R403,R404, CONT R456-R459
20	20		13-00391-00	1.50 K .25 W 5.0 % CF	3		R250,R350,R450
21	21		13-00426-00	2.70 K .25 W 5.0 % CF	1		R301
22	22		13-00439-00	3.30 K .25 W 5.0 % CF	5		R201,R202,R302,R401,R402
23	23		13-01401-00	750.0 .25 W 5.0 % CF	12		R252-R255,R352-R355,R452-R455
24	24		13-01969-00	22.0 .25 W 5.0 % CF	6		R248,R249,R348,R349,R448,R449
25	25		13-10881-01	330.0 .25 W 1.0 % MF FUS	3		R232,R332,R432
26	26		13-12992-00	560.0 K .25 W 5.0 % CF	3		R236,R336,R436
27	27		13-13590-00	1.50 K .25 W 1.0 % RN55D-F10	6		R247,R260,R347,R360,R447,R460

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					DATE:	05-MAY-86	PARTS LIST						
BB	5416963-ML001		[A]	01	[M]		[B]		CHK'D:	B. CHEN	VIDEO AMPLIFIER MODULE					
			[C]		[N]		[D]		DATE:	05-MAY-86						
			[P]		[Q]		[E]		DES.ENG:	C L CHUANG						
			[R]		[S]		[F]		DATE:	05-MAY-86						
			[T]		[V]		[H]		RESP.ENG.:	L. JEAN						
			[W]		[Y]		[J]		DATE:	05-MAY-86						
							[K]		MFG.ENG:	G. CHRISTIANSEN	RELEASE DATE:	19-OCT-87				
							[L]		DATE:	26-JAN-87	RELEASE STATUS:	RELEASED				
BASIC PART NUMBER:			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			FILE NAME:			EDIT #				
5416963			D-UA-5416963-0-0			B-DD-5416963-0-0			IGH707B.PLS			4				

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P A R T S L I S T

SHEET A2 OF A2

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
					01	
					A2	
28	28	13-16839-00	715.0	.25 W 1.0 % RN55D-F10	3	R238,R338,R438
29	29	13-17523-00	1.43 K	.25 W 1.0 % RN55D-F10	3	R237,R337,R437
30	30	13-18341-25	357.0	.25 W 1.0 % RN55D-F10	3	R239,R339,R439
31	31	13-19531-01	221.0	.25 W 1.0 % RN55D-F10	12	R241-R244,R341-R344,R441-R444
32	32	13-27013-08	820.0	5.0 W 5.0 % M.OXIDE	3	R234,R334,R434
33	33	13-27187-01	POT-OPEN/TRIM	5.0K 0.3 W 20.0	2	R206,R406
34	34	13-27187-02	POT-OPEN/TRIM	50.0K 0.3 W 20.0	3	R246,R346,R446
35	35	13-27704-01	180.0	.25 W .1 % RN55E-B 2	3	R240,R340,R440
36	36	15-09524-00	2N 3904	NPN 310MW SI 40 40 M	4	Q200,Q211,Q311,0411
37	37	15-21002-01	2N 2369A	NPN 200MA 15V TO-18	21	Q202-Q207,Q212,0302-0307,0312,
						CONT Q402-Q407,0412
38	38	15-24840-01		NPN ARRAY,DIF AMPL 15V	3	E201,E301,E401
39	39	15-27593-01	2SA1406D,E	PNP VIDEO OUT TRANSIS	3	Q209,Q309,0409
40	40	15-27594-01	2SC3600D,E	NPN VIDEO OUT TRANSIS	3	Q210,Q310,0410
41	41	15-27595-01	25C3598D,E	NPNM VIDEO OUT TRANSI	3	Q208,Q308,0408
42	42	16-09756-00	*** THIS ITEM IS NOT USED ***			
43	43	16-12946-04	6.8	UH 10% Q MIN=52@7.9MHZ	5	L200-L204
44	44	16-18238-02	BEAD,FERRITE	.1380DX.330LG	12	L224-L227,L324-L327,L424-L427
45	45	16-27761-01	10.0	UH 10% Q= 55 @ 7.9MHZ SRF=	1	L220
46	B-IA-7024050-0-DBU	70-24050-01 A	RGB OUTPUT WIRE ASSY			
47	C-MD-7430831-0-0	74-30831-02 A	GROUND CLIP			
48		90-06010-01	SCREW,MACH PAN	PHIL 4-	3	
49		90-09798-01	SPACER,CLEAR HOLE	RND CERAM .07	6	
50	SEE NOTE 1	16-28226-01	CHOKE COIL	2.2UH 10%	3	L223,L323,L423

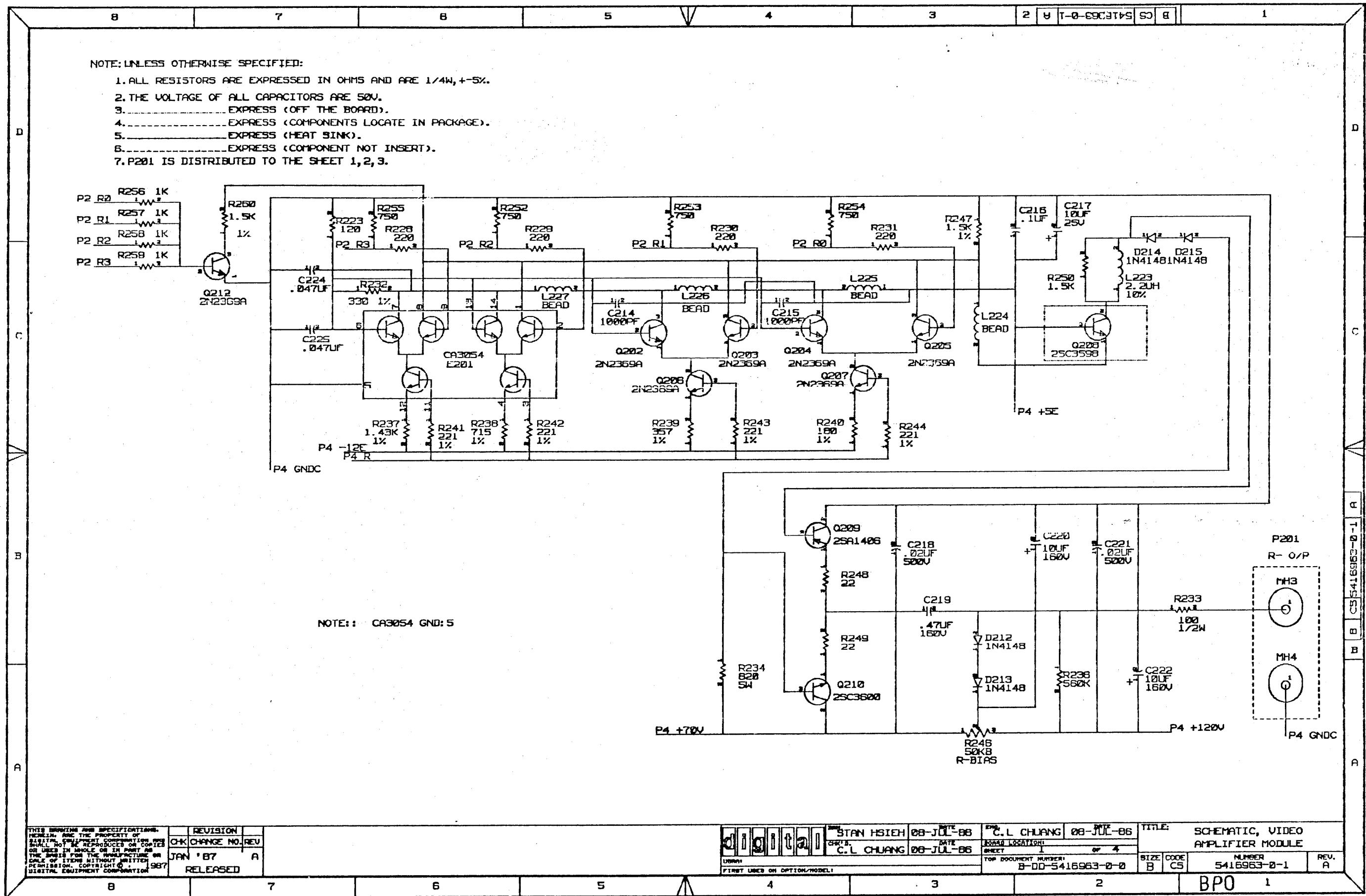
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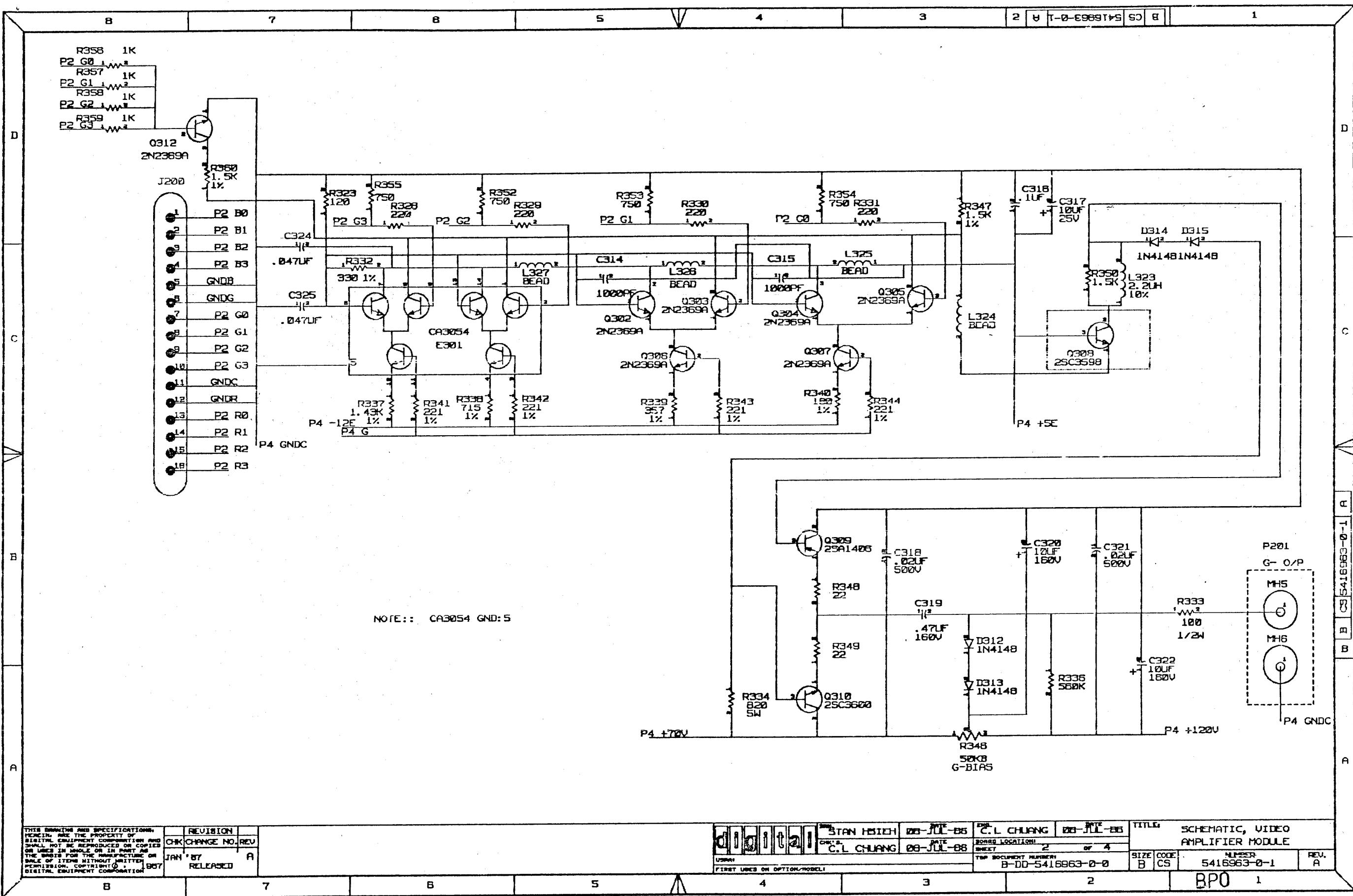
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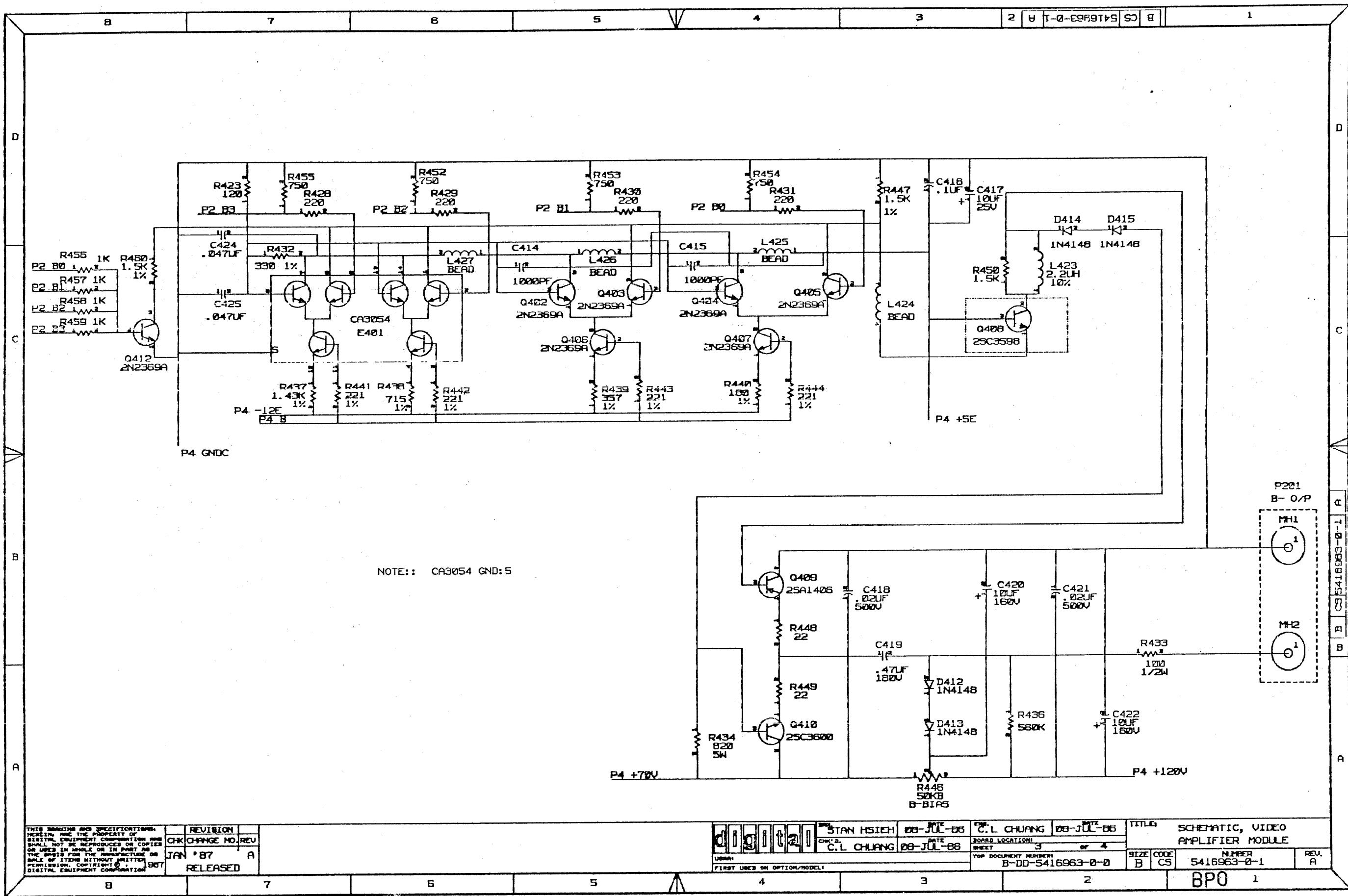
VIDEO AMPLIFIER MODULE

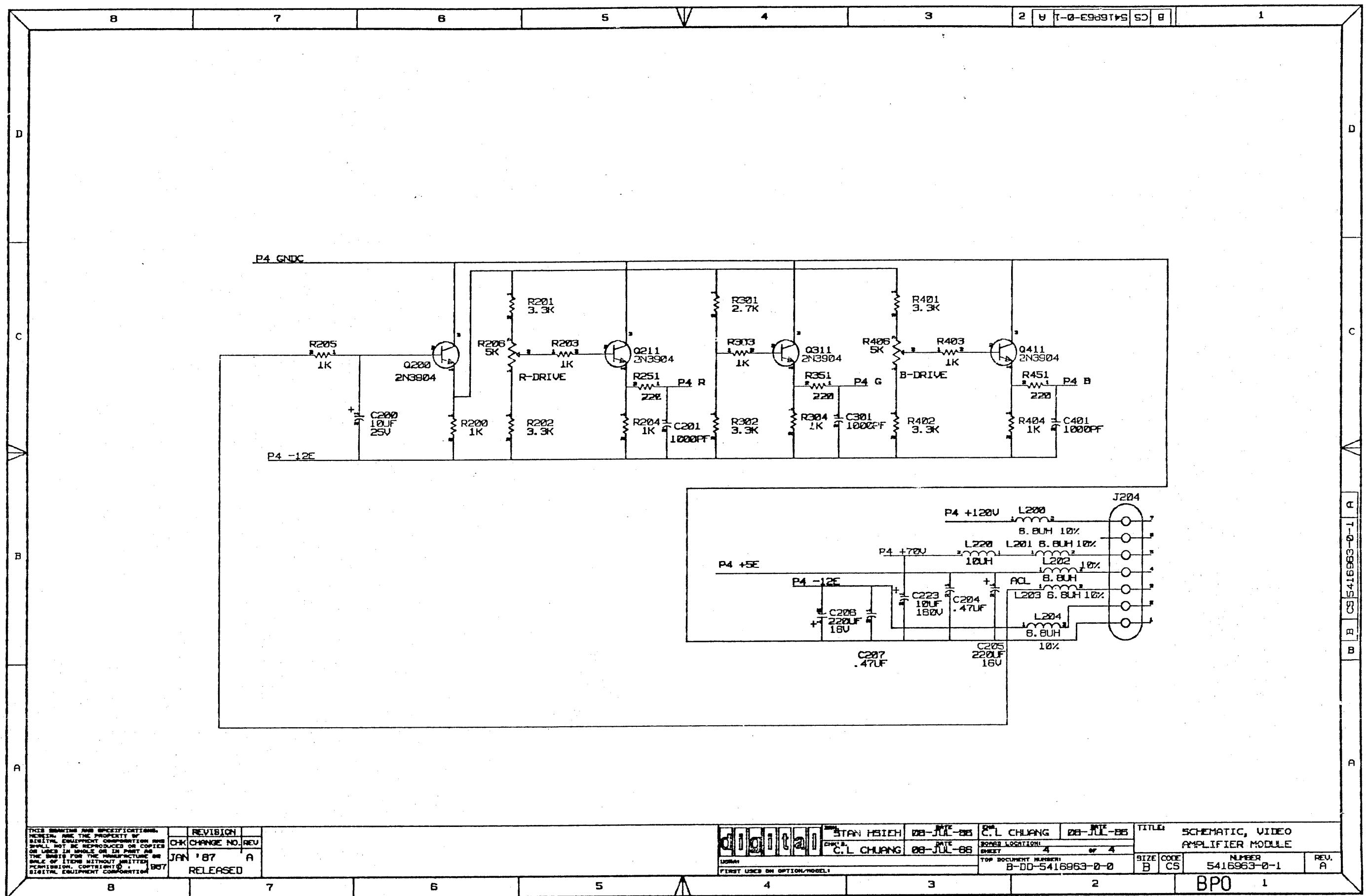
SECTION A OF A

SIZE	CODE	DOCUMENT NUMBER	REV
K	PL	5416963-0-DBP	B









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1987

DRN.	F. LIU	DATE 5-MAY-86	TITLE DWG DIR, TERMINAL CONTROL MODULE			
CHK'D	B. CHEN	DATE 5-MAY-86				
DES. ENG.	H. C. HONG	DATE 5-MAY-86				
RESP. ENG.	S. W. CHENG	DATE 5-MAY-86	DOCUMENT NUMBER			
MFG. ENG.		DATE <i>Sam Latimer 6 Feb 87</i>	SIZE B	CODE DD	NUMBER 5416965-0-0	REV. A
			SHEET	1 OF	1	

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
					01 A1	
1	1 B-DD-5016964-0-0	50-16964-01 F	CIRCUIT DRILL AND ETCH		1	
2	2	10-01610-00	0.010MFD	50V +/-20% Z5U C	85	C7,C9-C11,C13,C14,C16,C17,C19, CONT C27-C36,C38,C43-C48,C50-C59, CONT C65-C73,C78-C83,C86,C87, CONT C92-C117,C120-C125
3	3	10-10274-00	0.22 MFD	50V +/-20% Z5U C	3	C1,C26,C37
4	4	10-10279-01	0.47 MFD	25V +/-20% Z5U C	27	C3-C6,C20-C23,C39-C42,C60-C64, CONT C74-C77,C88-C91,C118,C119
5	5	10-13466-10	3300 PFD	50V +/- 5% NPO C	1	C84
6	6	10-13466-24	47 PFD	50V +/- 5% NPO C	1	C2
7	7	10-17472-00	10 MFD	35V +75/-10% ALU	2	C18,C25
8	8	10-20446-11	470 MFD	6.3V +50/-10% ALU	1	C24
9	9	10-22277-01	22 MFD	16V +50/-10% ALU	1	C85
10	10	10-26289-02	0.03 MFD	50V+100/-25% Z5U C	9	C126-C134
11	11	10-26289-06	0.03 MFD	550V+100/-25% Z50 C	2	C135,C136
12	12	11-00114-00	PIV= 25 I0=135 MA		3	D7,D8,D23
13	13	11-05796-00	PIV= 400 I0= 1.00A	1N4004 D0-41	6	D1-D6
14	14	11-10672-00	VZ= 3.6 5%	40 MW 1N747A	1	D13
15	15	11-24037-01	VZ= 36.0 5%	400 MW 1N974B D0-35	13	D9-D12,D14-D22
16	16	12-10929-02	FUSE PICO 1.0 A	125V AXIAL LEA	1	F2
17	17	12-15006-07	SKT,IC 28PIN DIP TIN	SOLD	1	XE49
18	18	12-19952-07	PCB HEADER 40PIN(2X20)	.100CC STR	1	J1
19	19	12-26589-01	PCB HEADER 07PIN		1	J2
20	20	12-26963-01	CARD EDGE 60POS	.050CC 90D	1	J5
21	21	13-00197-00	33.0 .25 W 5.0 %	CF	24	R1,R2,R4-R7,R9-R14,R16,R17,R19, CONT R20,R25-R27,R30-R34
22	22	13-00219-00	68.0 .25 W 5.0 %	CF	2	R28,R41
23	23	13-00229-00	100.0 .25 W 5.0 %	CF	22	R8,R18,R23,R36,R40,R44,R49-R52, CONT R57,R60,R67-R76
24	24	13-00247-00	120.0 .25 W 5.0 %	CF	2	R38,R56
25	25	13-00295-00	330.0 .25 W 5.0 %	CF	4	R62-R64,R80
26	26	13-00365-00	1.0 K .25 W 5.0 %	CF	3	R43,R45,R48

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			DATE: 05-MAY-86	CHK'D: B. CHEN	TITLE PARTS LIST			
---	INITIAL	A	[A] 01	[M]		DATE: 05-MAY-86	DATE: 05-MAY-86	TERMINAL CONTROL MODULE			
			[B]	[N]							
			[C]	[P]		DES.ENG: HC HONG					
			[D]	[Q]		DATE: 05-MAY-86					
			[E]	[R]			RESP.ENG.: SW CHENG	DOCUMENT NUMBER			
			[F]	[S]				SIZE	CODE	NUMBER	REV
			[G]	[T]		DATE: 05-MAY-86					
			[H]	[U]			MFG.ENG: G. CHRISTIANSEN	RELEASE DATE:	11-FEB-87		
			[I]	[V]			DATE: 26-JAN-87	RELEASE STATUS:	RELEASED		
			[J]	[W]							
			[K]	[X]							
			[L]	[Y]							
			BASIC PART NUMBER:			ASSEMBLY NUMBER:		FILE NAME:			
			15416965			D-UA-5416965-0-0		1GH708A.PLS			
								36			

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P A R T S L I S

SHEET A2 OF A3

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS	
					01		
					A1		
27	27	13-00444-00	3.90 K	.25 W 5.0 %	CF	1	R55
28	28	13-00447-00	4.70 K	.25 W 5.0 %	CF	6	R3,R24,R35,R42,R58,R59
29	29	13-00479-00	10.0 K	.25 W 5.0 %	CF	1	R39
30	30	13-01327-00	68.0 K	.25 W 5.0 %	CF	4	R15,R22,R53,R54
31	31	13-02379-00	75.0	.25 W 5.0 %	CF	1	R65
32	32	13-05346-00	27.0 K	.25 W 5.0 %	CF	2	R29,R37
33	33	13-13349-00	33.0 K	.25 W 5.0 %	CF	6	R46,R47,R66,R77-R79
34	34	15-09525-00	2N 3906	PNP 310MW SI 40100 Y		1	Q2
35	35	15-10705-00	XA 05	NPN 500MW SI 60 50 P		1	Q1
36	36	16-09756-00	2.2 UH	10% 760MA #DD2.20		12	L26-L33,L35-L38
37	37	16-18238-02	BEAD,FERRITE	.1380DX.330LG		16	L7,L8,L12-L14,L16,L18-L25,L34,
					CONT	L39	
38	38	16-20182-03	5.6 UH	10% 565MA		6	L9-L11,L15,L17,L40
39	39	17-01559-01	CABLE ASSY,	FLAT,SHIELDED		1	P200
40	40	18-11660-45	OSCILLATOR, XTAL	12.00 MHZ		1	Y2
41	41	18-11660-75	OSCILLATOR,XTAL	32.3174 MHZ		1	Y1
42	42	19-10545-00	74S112	FF-JK DUAL,EDGE TRIG		1	E5
43	43	19-12096-00	DEC 74S86	XOR GATE,QUAD 2IN		1	E8
44	44	19-12646-00	LS253	MUX 1 OF 4 (DUAL)		4	E83,E84,E95,E96
45	45	19-12697-00	LS174	FF-D HEX W/CLEAR		1	E30
46	46	19-12803-00	LS04	INVERTER GATE,HEX		1	E11
47	47	19-12810-00	LS20	NAND GATE-DUAL 4IN		1	E79
48	48	19-12816-00	LS32	OR GATE-QUAD 2IN,POS		1	E39
49	49	19-12824-00	LS74	FF-D DUAL,EDGE TRIGG		1	E10
50	50	19-15019-00	74S38	NAND BUFFER-QUAD 2IN		1	E38
51	51	19-15218-00	LS245	TRANSCEIVER,BUS,OCTA		3	E50,E53,E89
52	52	19-15219-00	LS373	FF-D OCTAL-TRANSPARE		4	E9,E77,E91,E92
53	53	19-15415-00	9636	DRIVER,DUAL,EIA RS-4		2	E25,E40
54	54	19-20442-01	74F374	FF-D,OCTAL,TRI-STATE		1	E7
55	55	19-20572-01	74F244	BUFFER/LINE DRIVER,0		2	E56,E90
56	56	19-21010-01	74F373	OCTAL TRANSPARENT LA		8	E68,E69,E71-E76
57	57	19-21305-01	74F00	NAND GATE,QUAD,2-IN		1	E6
58	58	19-21308-01	74F08	AND GATE,QUAD,2-IN		1	E23
59	59	19-21312-01	74F32	OR GATE,QUAD,2-IN		2	E17,E31
60	60	19-21314-01	74F74	FF-D,DUAL,POS.,EDGE		1	E59
61	61	19-21323-01	74F174	FF-D,HEX		5	E20-E22,E33,E35
62	62	19-21327-01	74F194	SHIFT REG,UNIV,BIDIR		4	E18,E19,E32,E34
63	63	19-23889-01		EIA OCTAL LINE DRIVE		1	E62
64	64	19-23890-01		EIA OCTAL LINE RECEI		2	E63,E82
65	65	19-26651-01	74AS870	REGISTER FILES,DUAL		2	E51,E52
66	66	19-26652-01	74AS575	FLIP FLOP,OCTAL D-TY		2	E54,E55
67	67	19-27277-01	74ALS74	FLIP FLOP,DUAL D-TYP		1	E60
68	68	19-27862-01	74ALS02	DIP,14PIN QUAD 2-INP		1	E37
69	69	21-20068-01	2681	REC./TRANS.,ASYNC.,D		1	E61
70	70	21-20115-01	8031C	MICROPROCESSOR W/O P		2	E24,E57
71	71	21-21552-05	DC 322	VIPER,68CRQD GULLWIN		4	E85-E88
72	72	21-21553-02	DC 323-CA	ADDER II ZMOS		1	E70
73	73	21-24412-02		RAM,64KX4,DYNAMIC 15		26	E1-E4,E12-E15,E26-E29,E41-E48, CONT E64-E67,E93,E94 E36
74	74	21-25643-01	DC7051	TIMING GENERATOR + C		1	

D I G I T A L

TERMINAL CONTROL MODULE

SECTION A OF

SIZE	CODE	DOCUMENT NUMBER	REV
K	PL	5416965-0-DBP	A

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PARTS LIST

SHEET A3 OF A3

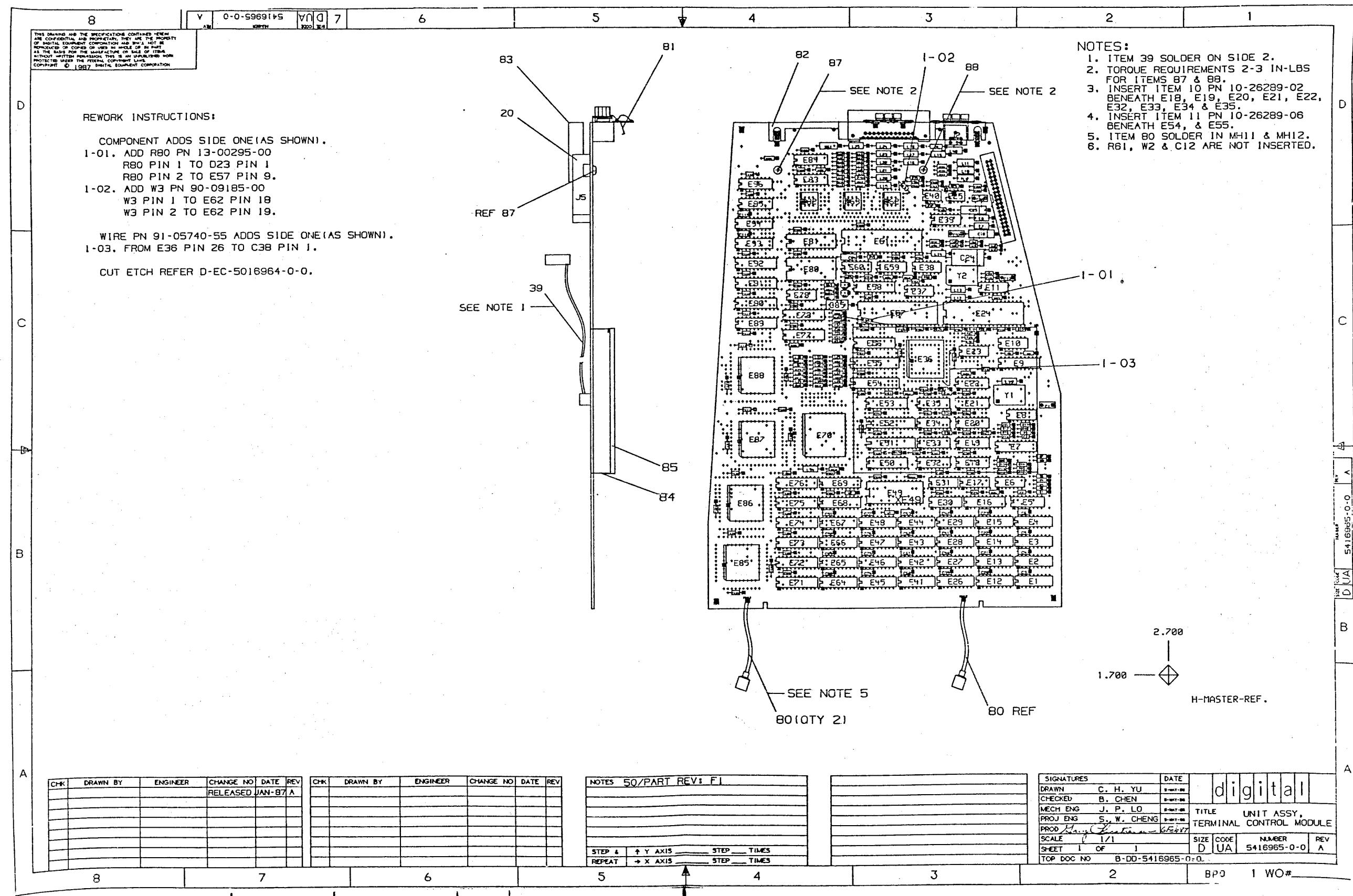
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75	75	21-26375-01		ASYNCHRONBUS COMMUNI	1	E81
76	76	23-E6 -02	32KX 8	TTL, UVROM, 250NS	1	E49
77	77	23-J5 -03	PAL, OCTAL 16 INPUT AND-OR-INVERT	2	E16, E78	
78	78	23-K5 -03	PAL, OCTAL REGISTERED AND-OR	1	E58	
79	79	23-1N2 -00	N2-01	1	E80	
80	B-IA-7023276-0-DBU	70-23276-01	A	GROUNDING WIRE	2	
81	B-AD-7024320-0-DBU	70-24320-01	A	CONN/BAFFLE ASSY	1	
82	D-IA-7432559-0-DBU	74-32559-01	A	BRKT, GROUND	1	
83	C-IA-7434794-0-DBU	74-34794-01	A	BRACKET, CARTRIDGE	1	
84	D-MD-7434915-0-DBU	74-34915-01	A	SHIELD, EMI	1	
85	D-IA-7434916-0-DBU	74-34916-01	A	COVER, SHIELDING	1	U3
86		90-09185-00		JUMPER, WIRE, INSULATED, BLACK B	2	W1, W3
87		90-09800-07		SCREW, THD RL, PAN PHIL F/PLAS	1	
88	88	90-09800-10		SCREW, THD RL, PAN PHIL F/PLAS	1	

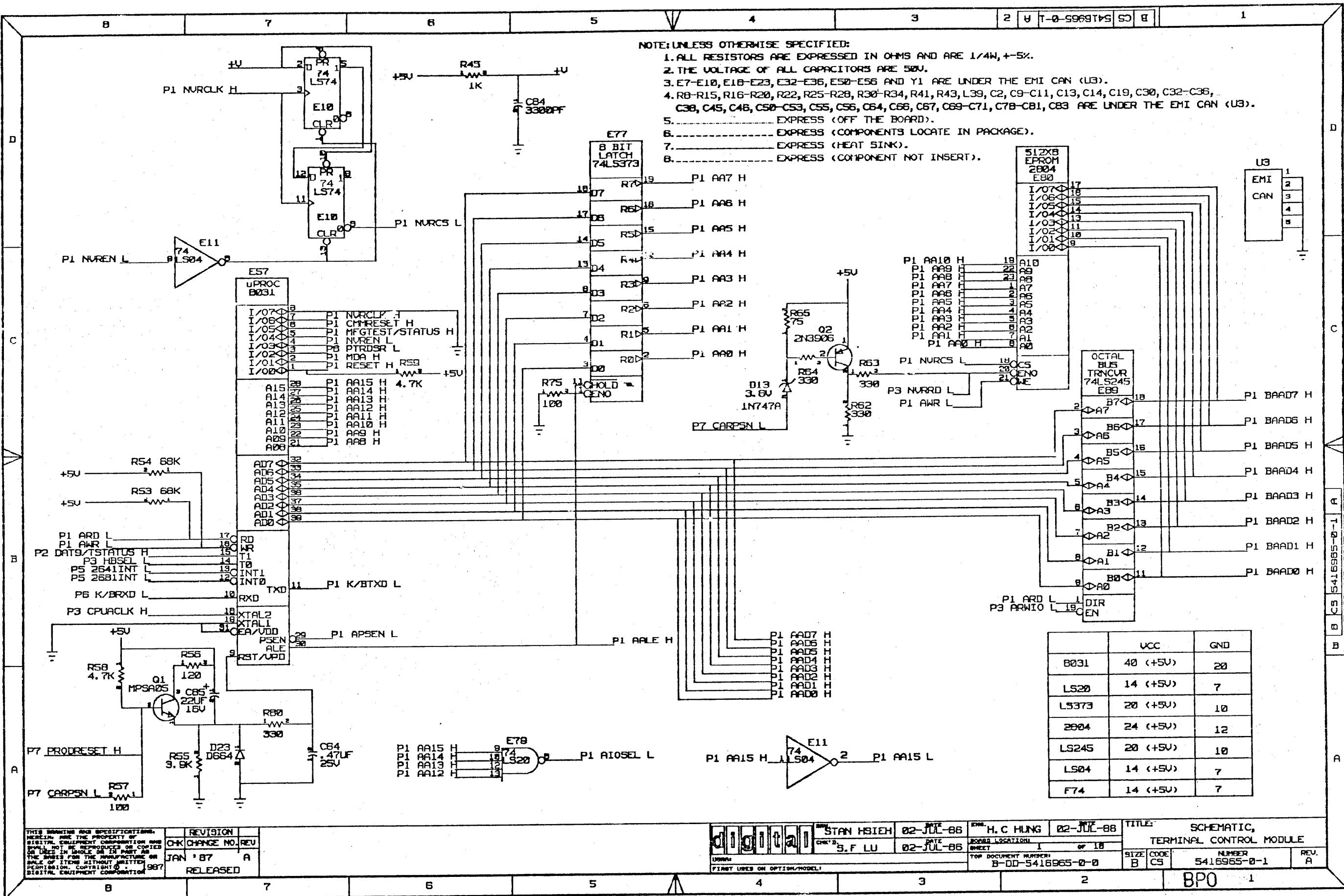
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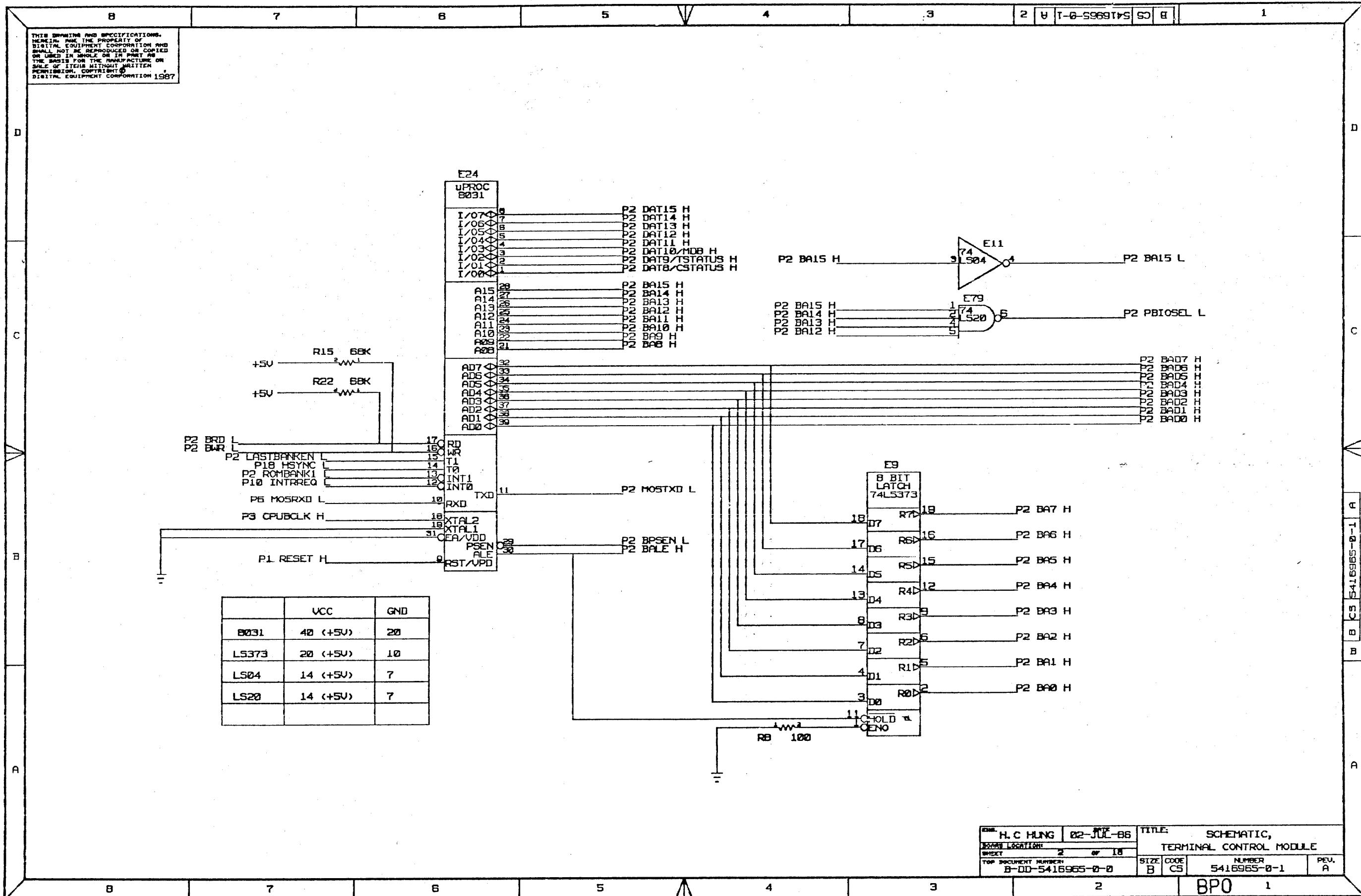
TERMINAL CONTROL MODULE

SECTION A OF A

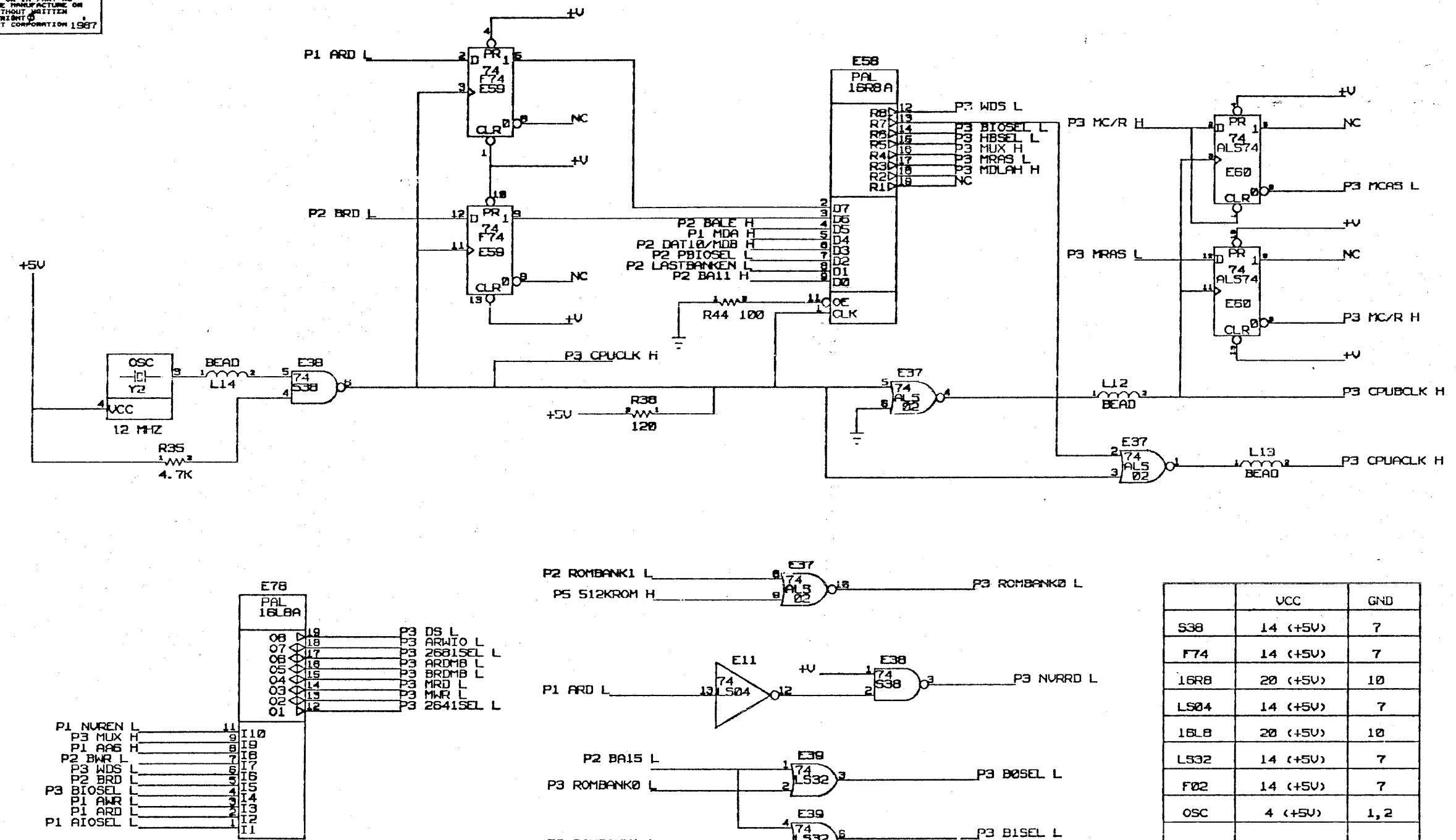
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K PL 5416965-0-DBP A





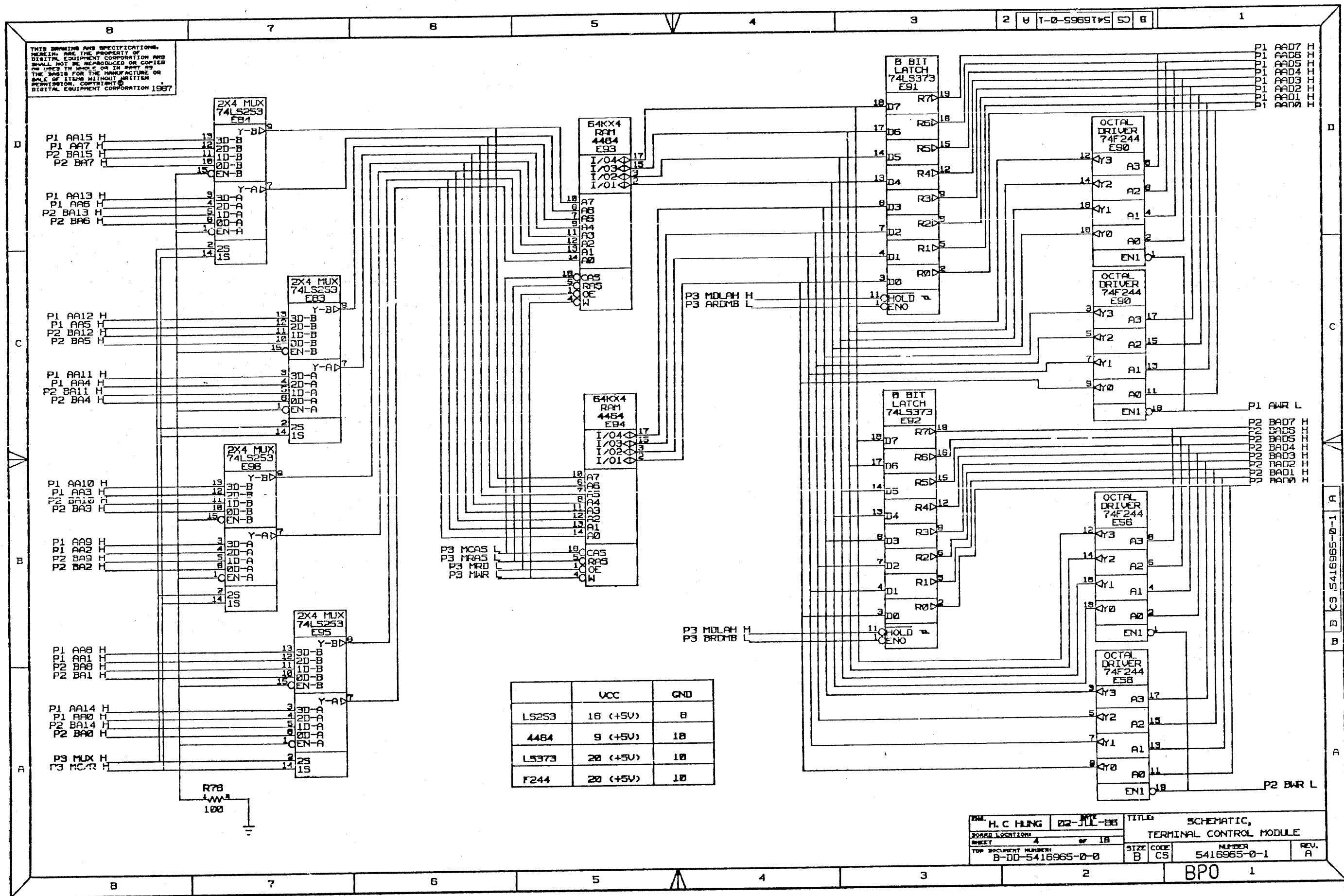


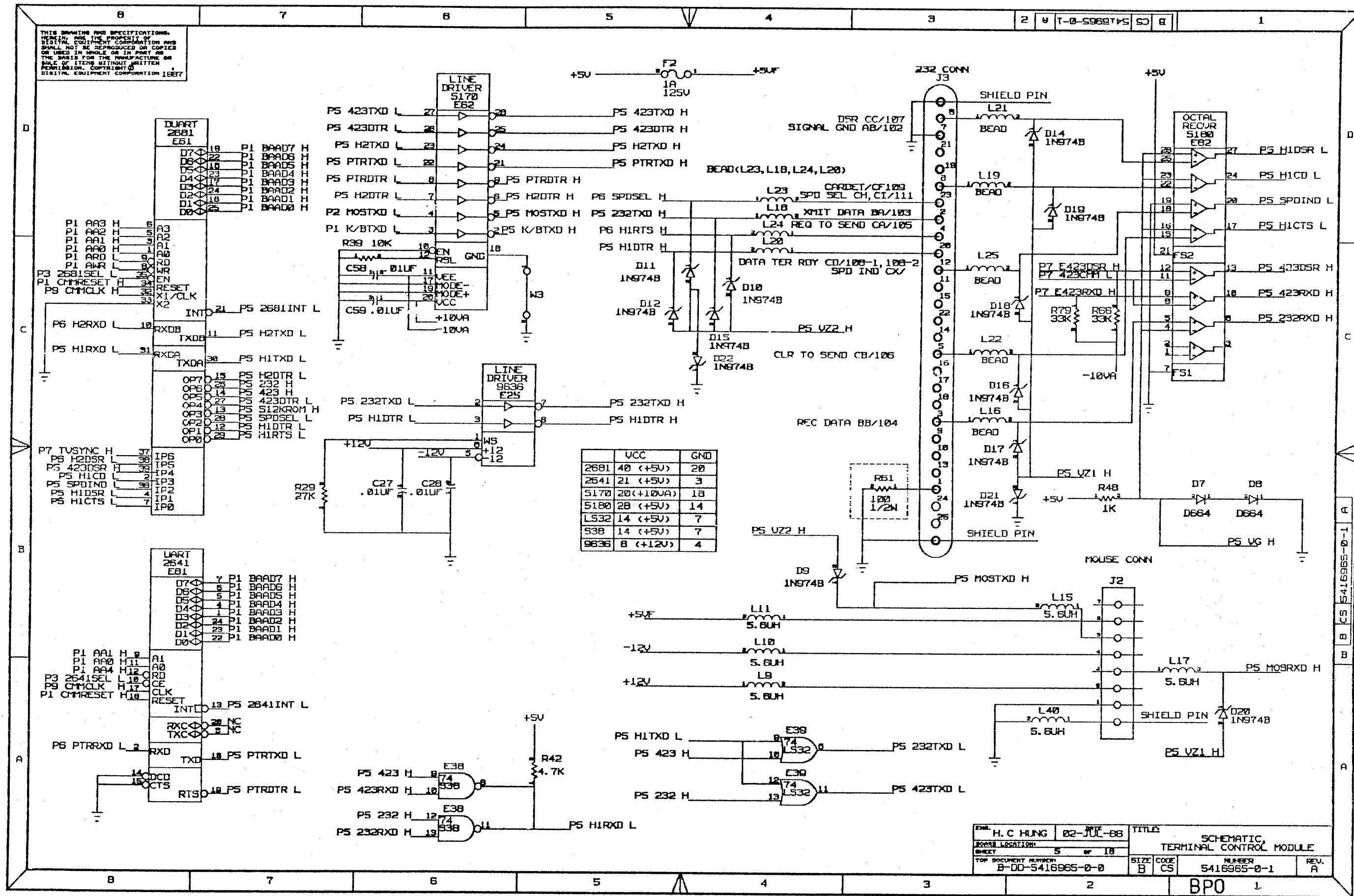
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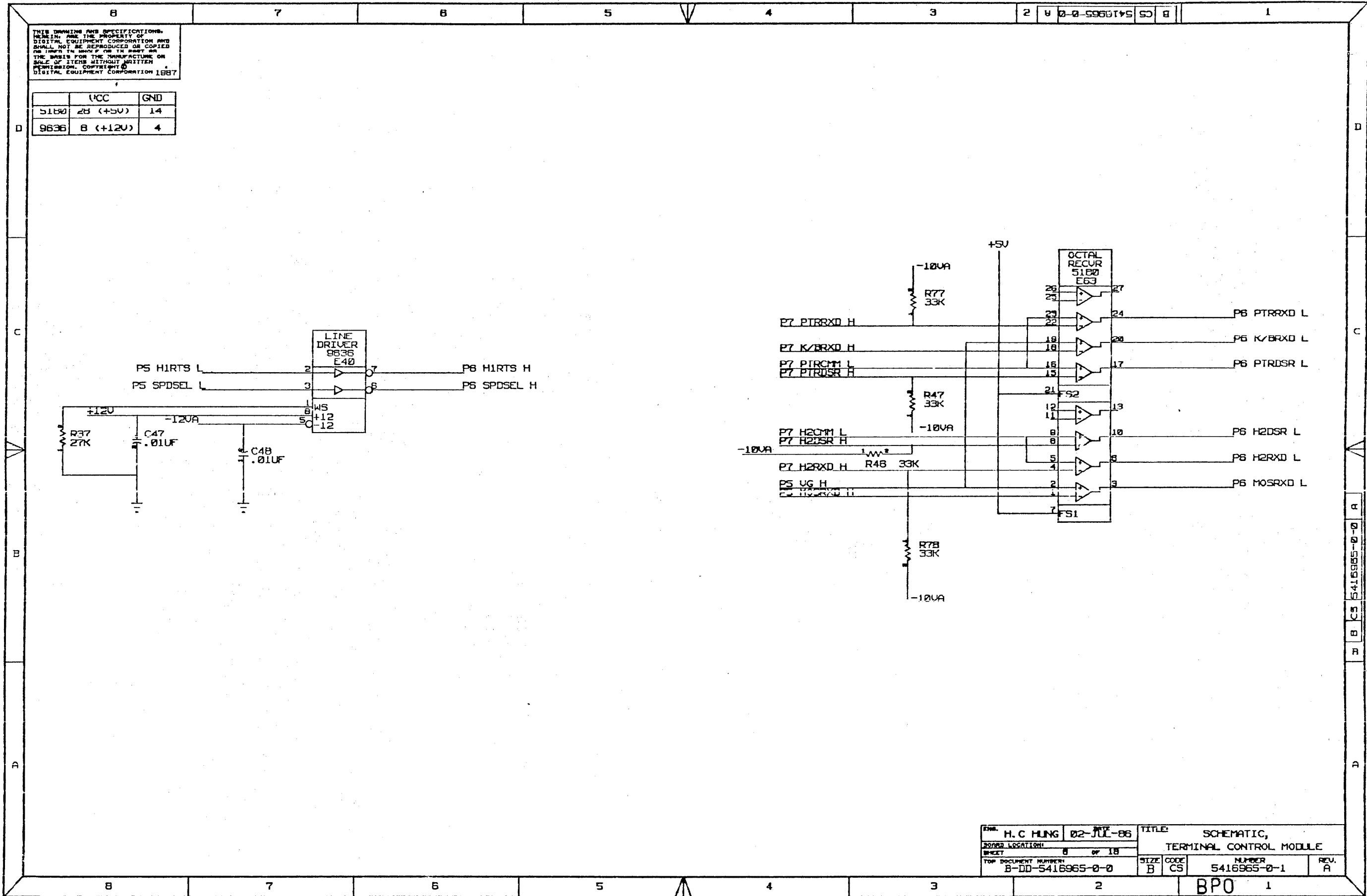


	VCC	GND
S38	14 (+5V)	7
F74	14 (+5V)	7
16R8	20 (+5V)	10
LS04	14 (+5V)	7
16L8	20 (+5V)	10
LS32	14 (+5V)	7
F02	14 (+5V)	7
OSC	4 (+5V)	1,2

ENCL.	H. C HUNG	02-JUL-86	TITLE:
OWNER LOCATION	S	OF 18	
BRIEFING			
TOP DOCUMENT NUMBER	B-100-5416965-0-0		
SIZE	CODE	NUMBER	REV.
B	CS	5416965-0-1	A







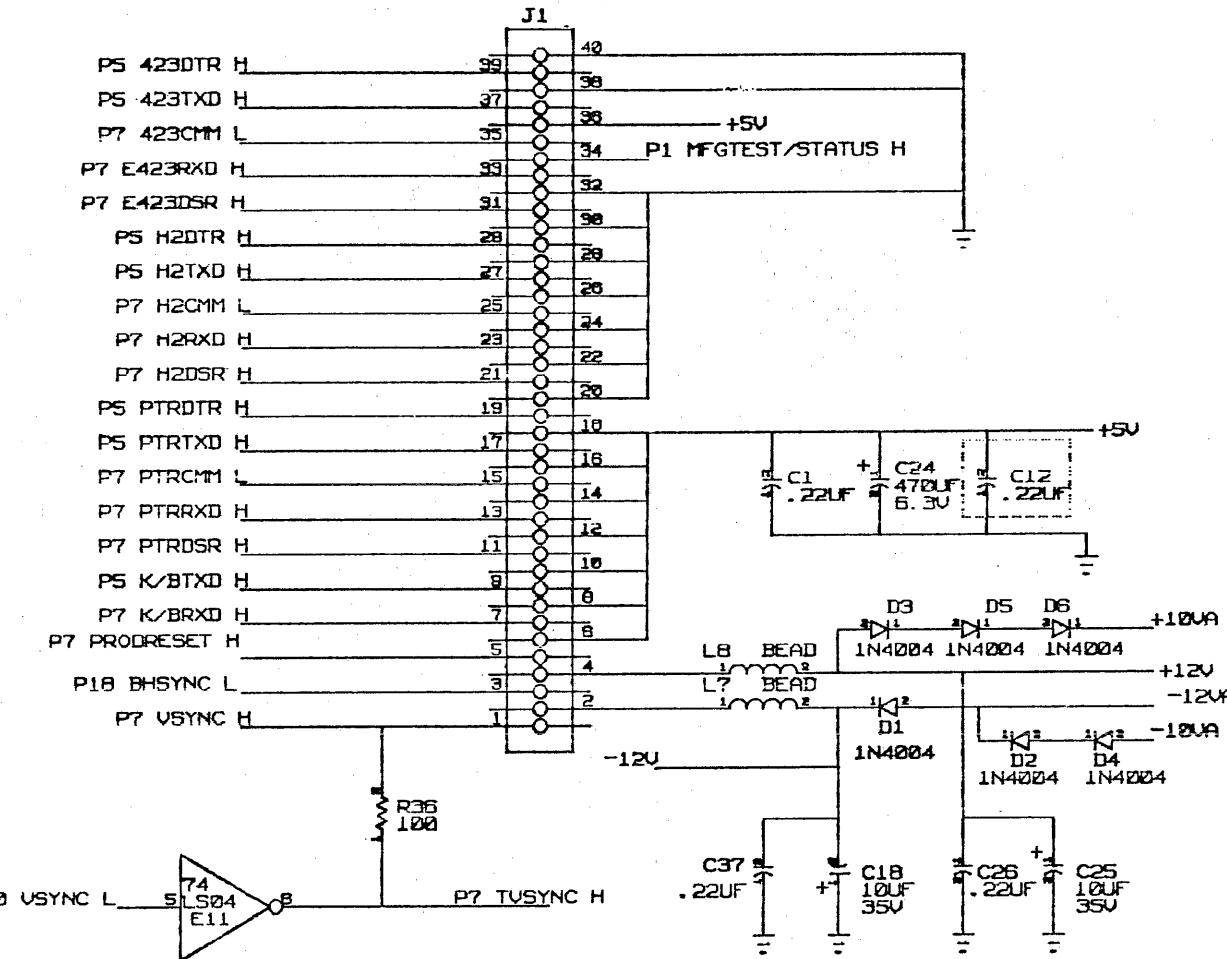
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 DRAWING LOCATION:
 SHEET 8 OF 18
 TOP DOCUMENT NUMBER: B-00-5416965-0-0 SIZE: B CODE: CS NUMBER: 5416965-0-1 REV: A

BPO 1

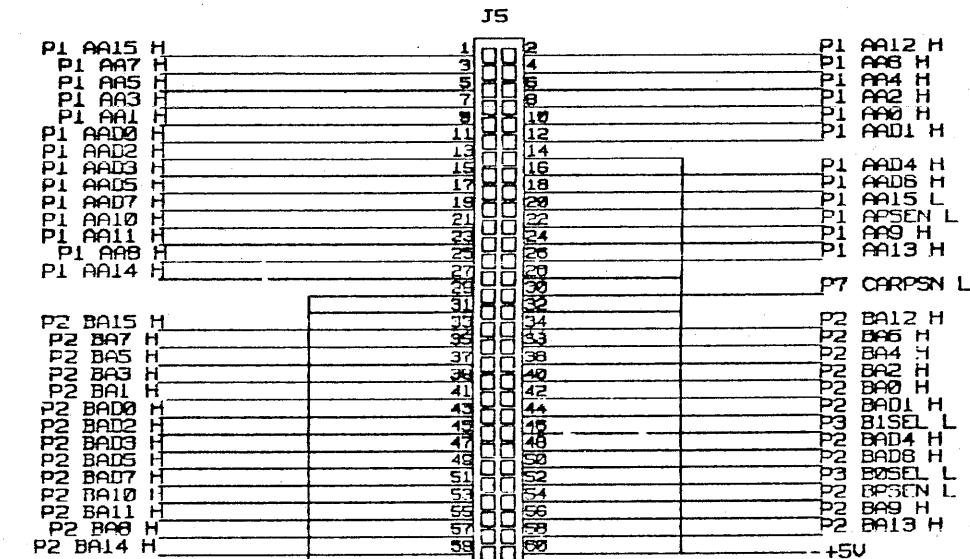
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5 4 3 2 1 CS 541695-D-1 A 2 B

INTERFACE CONN (TO PS/MTR BD)

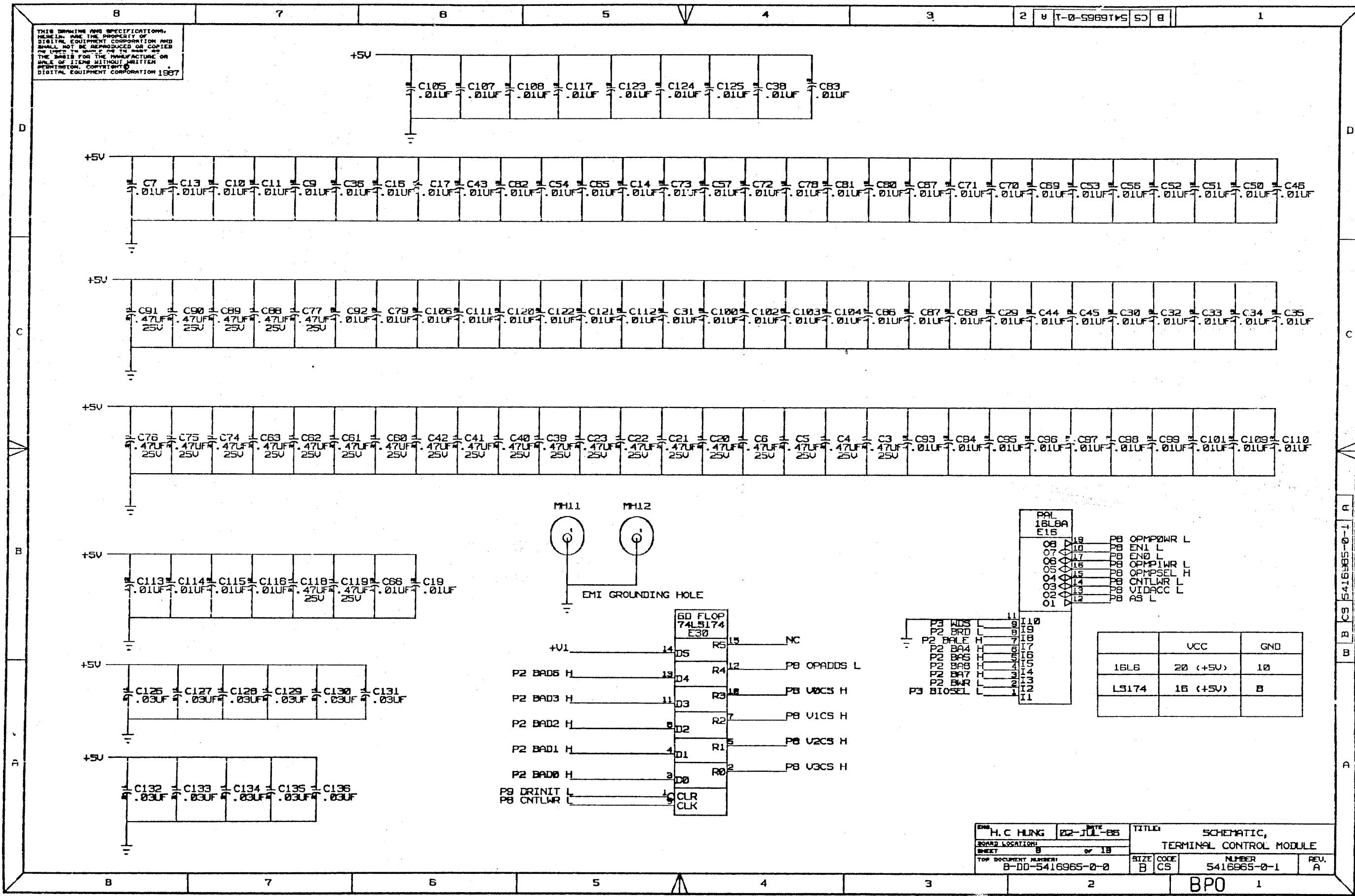


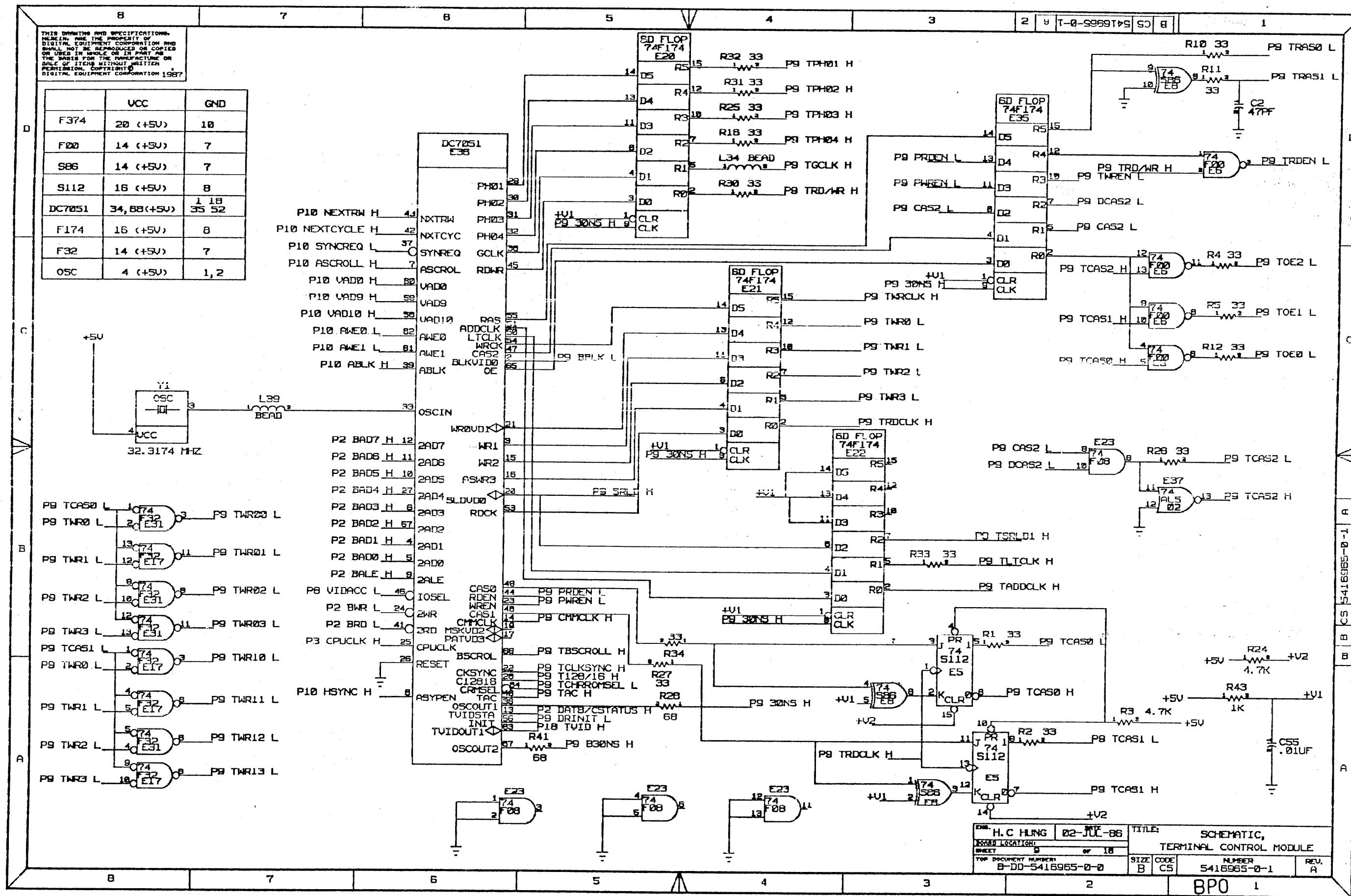
ROM CARTRIDGE CONN.

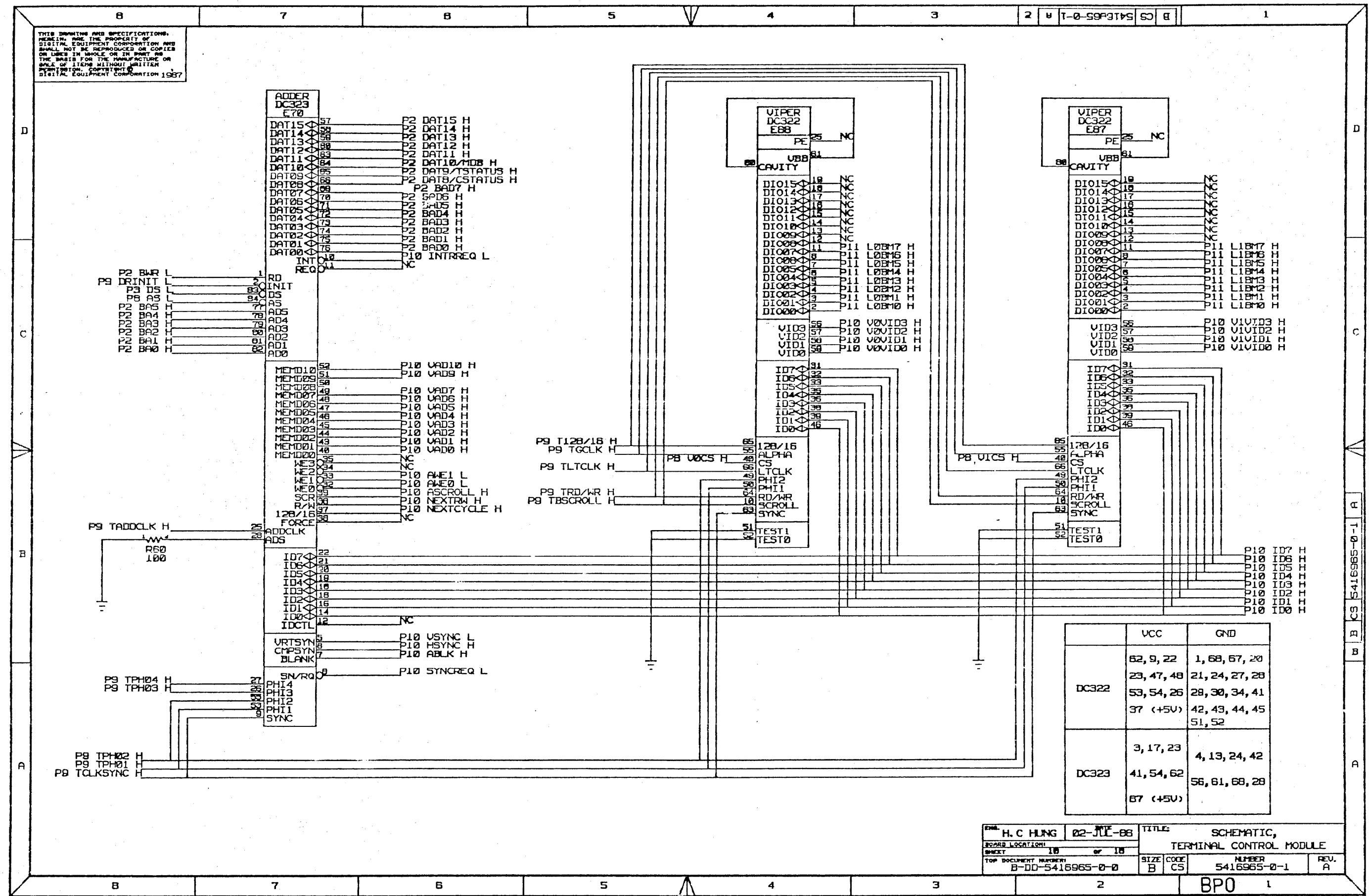


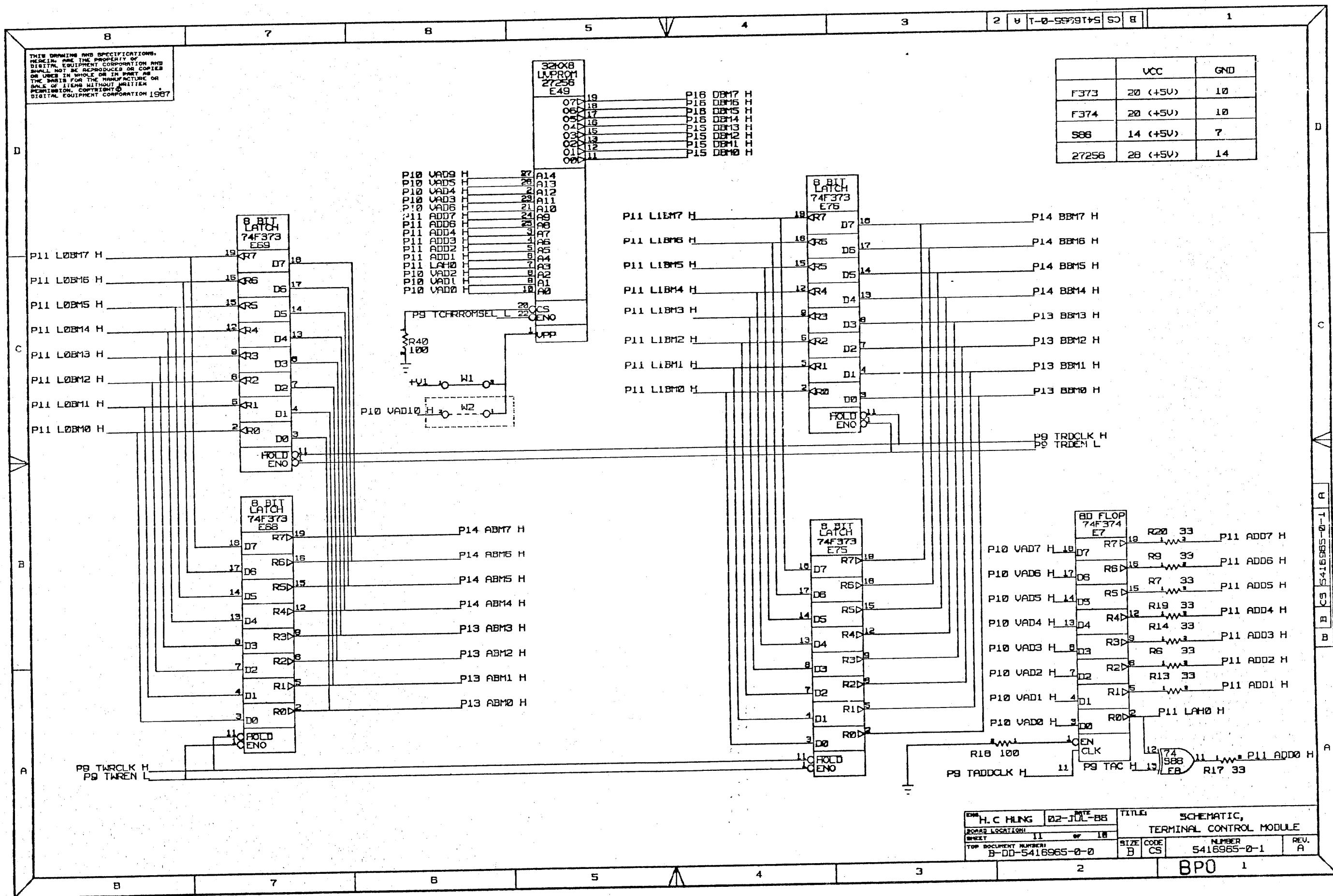
	VCC	GND
LS04	14 (+5V)	7

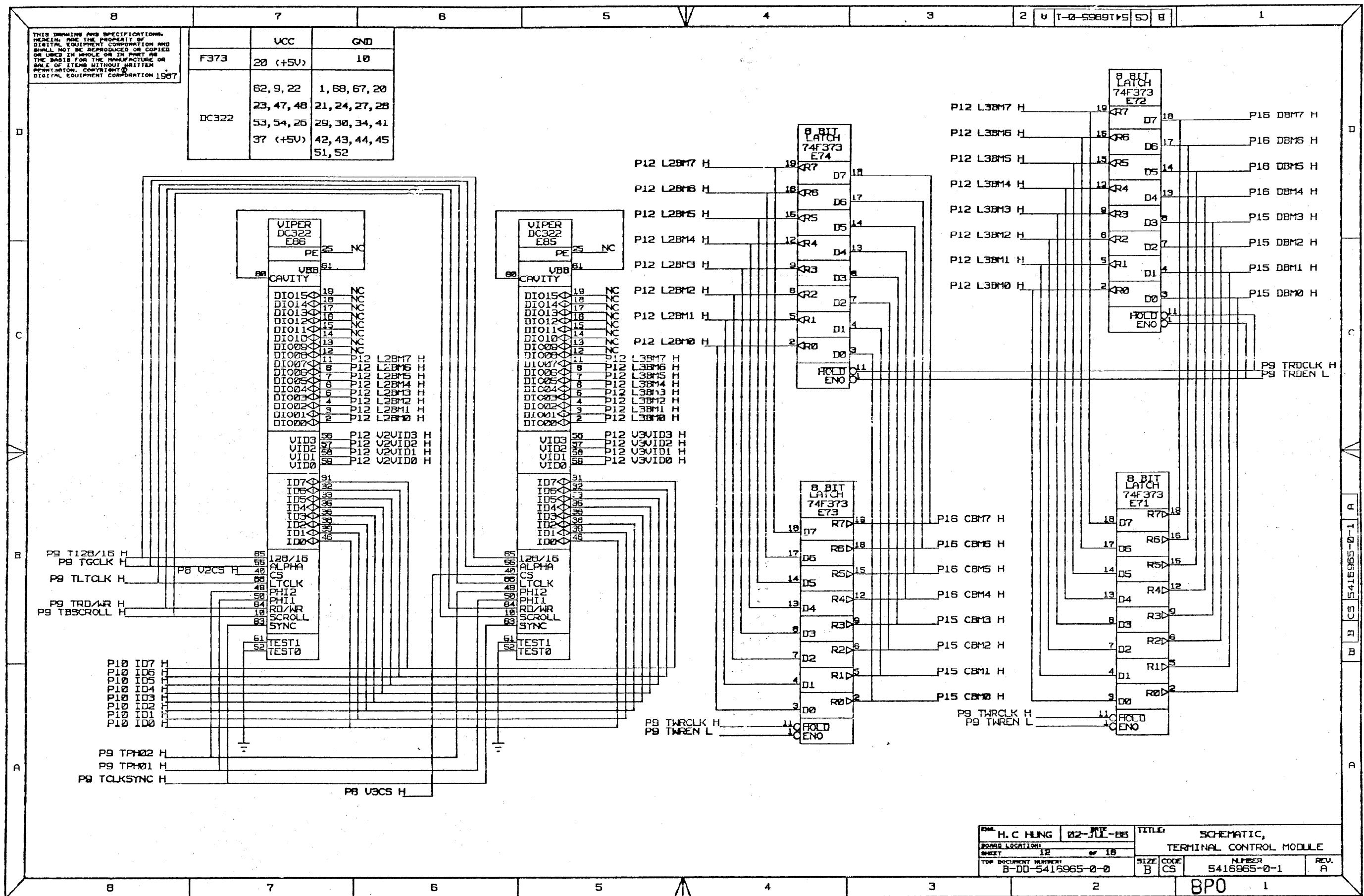
ITEM	H. C HUNG	DATE	02-JUL-88	TITLE	SCHEMATIC, TERMINAL CONTROL MODULE		
SEARCH LOCATION							
RECEIVED	7		or	18			
TOP DOCUMENT NUMBER	B-DO-5416965-0-0		SIZE	CODE	NUMBER	REV.	
			B	CS	5416965-0-1	A	

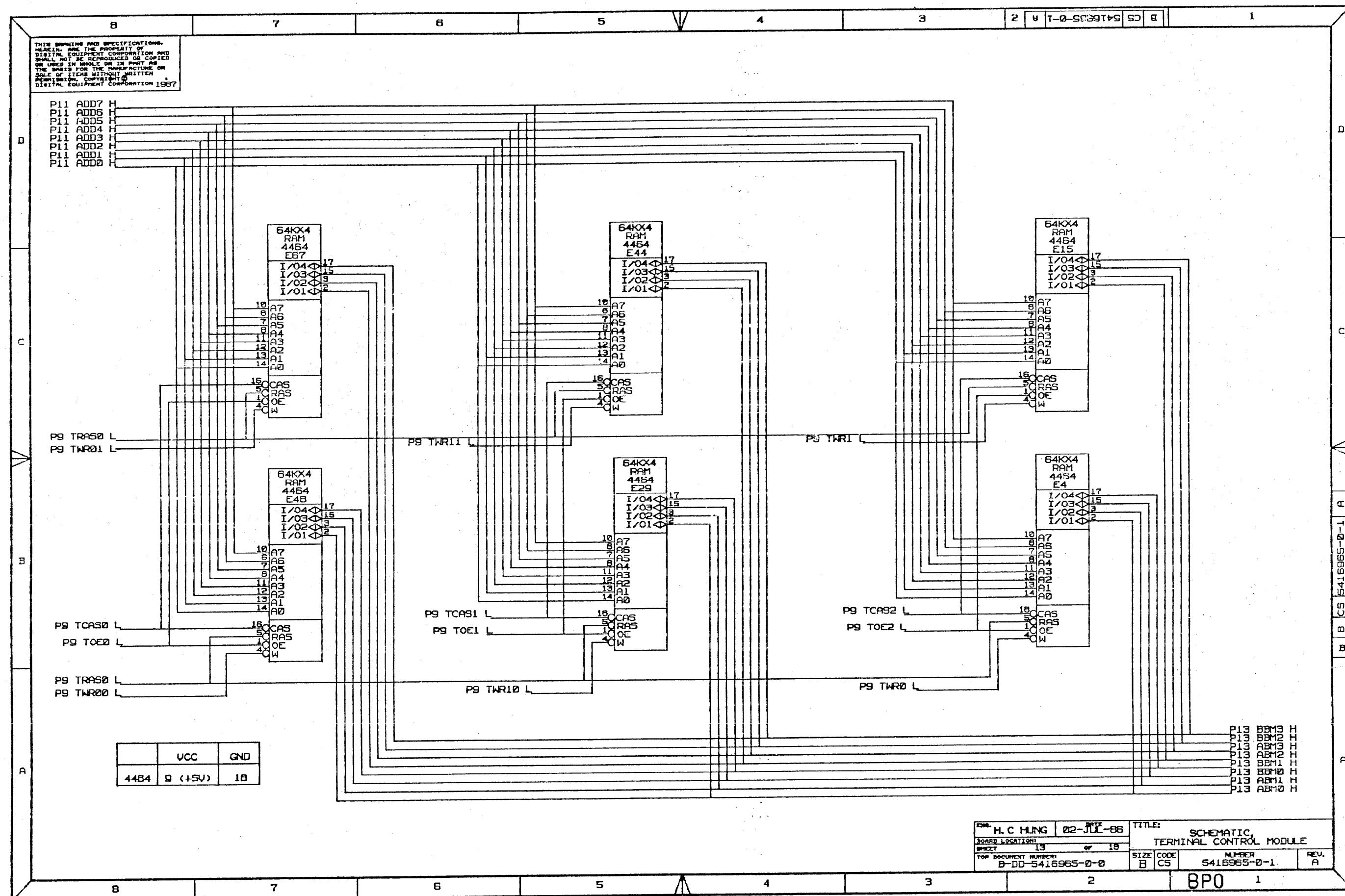


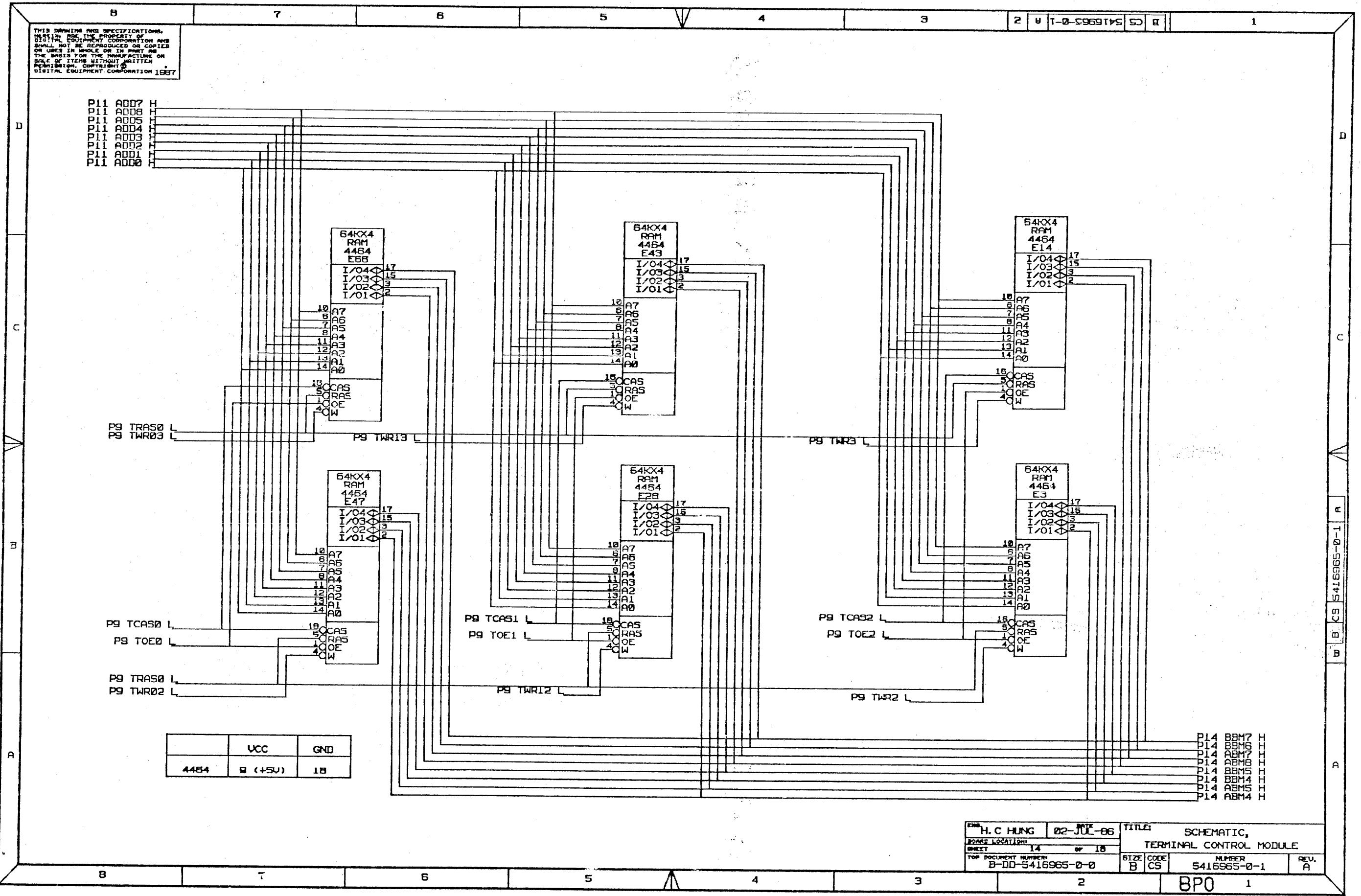






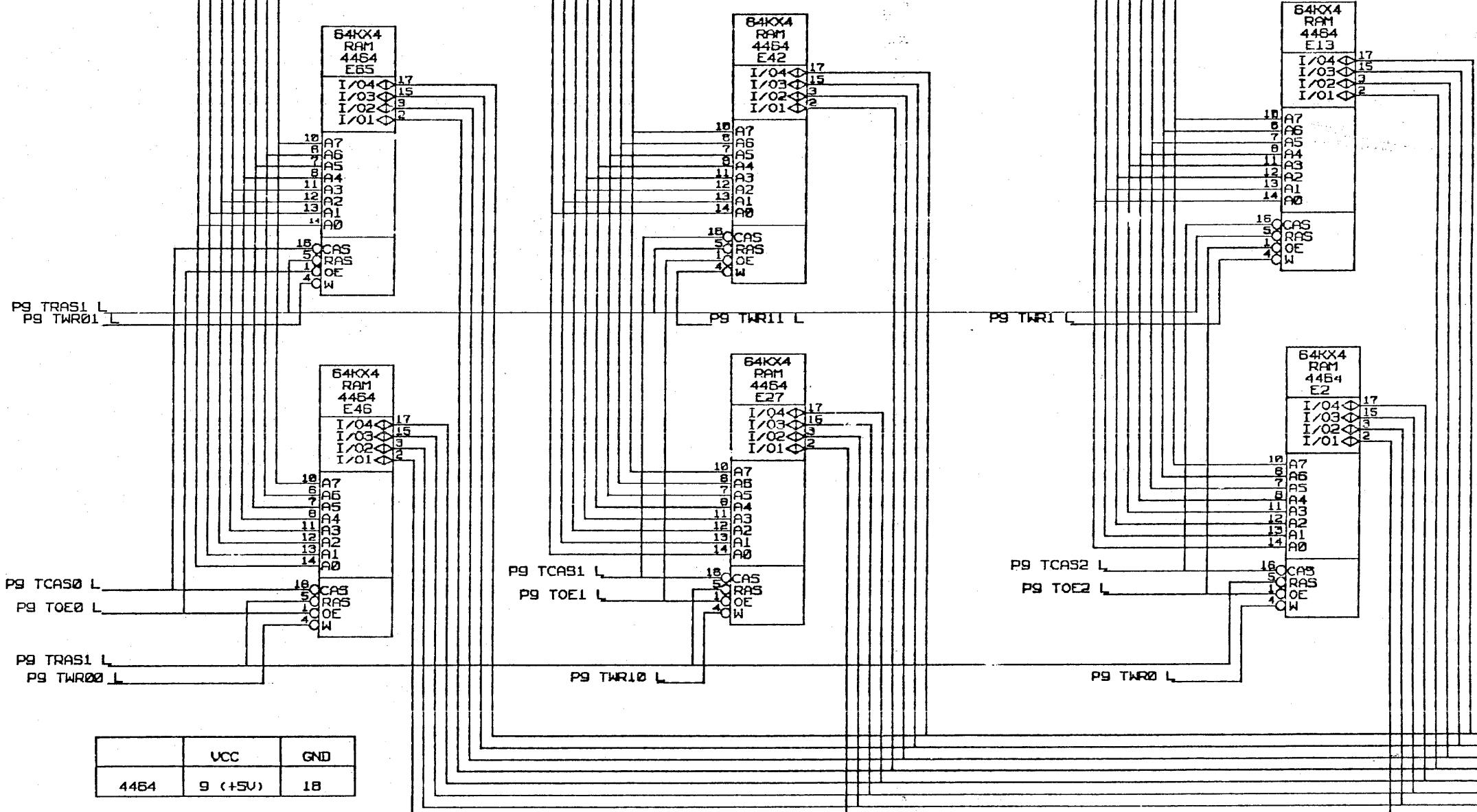






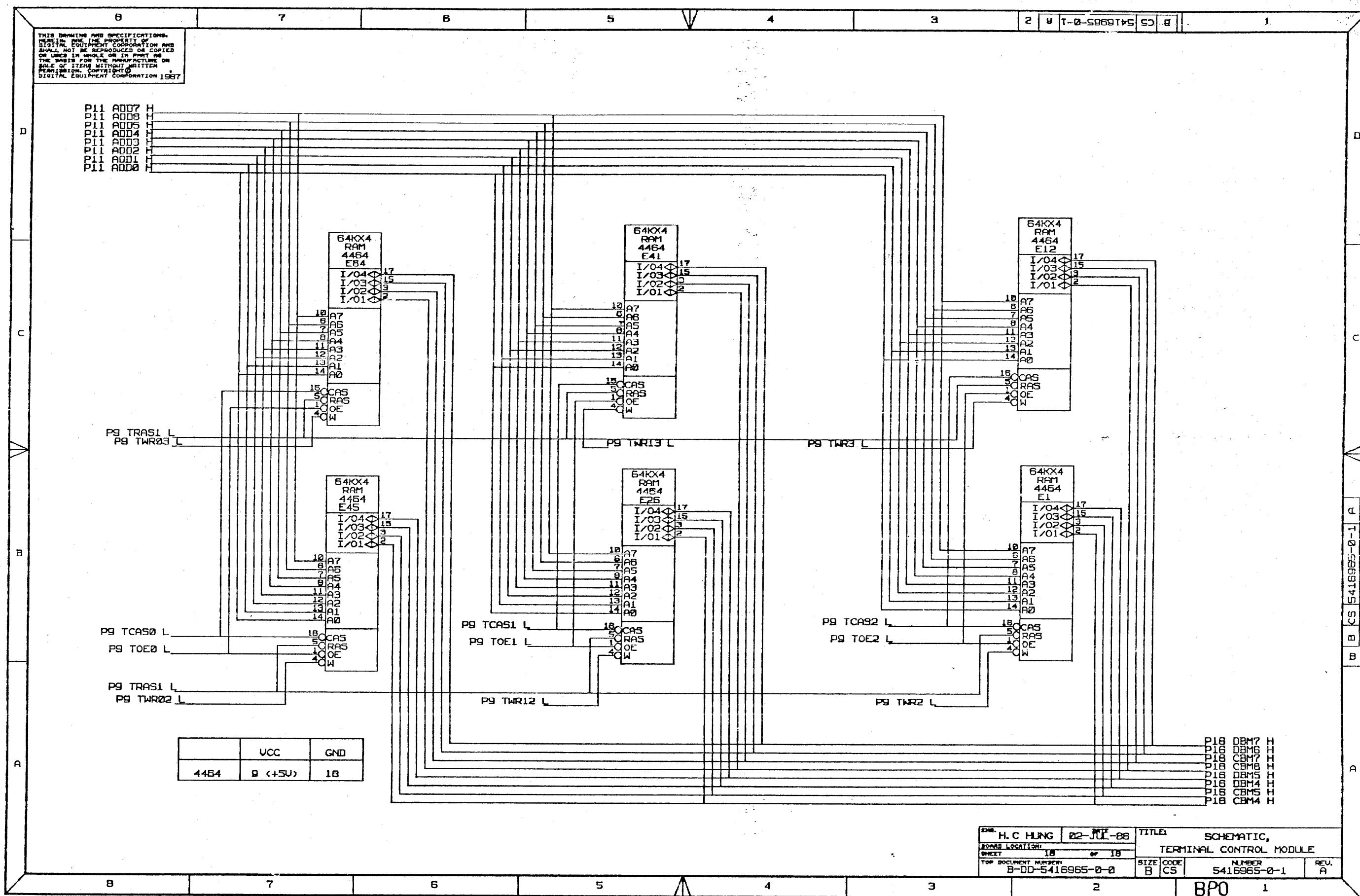
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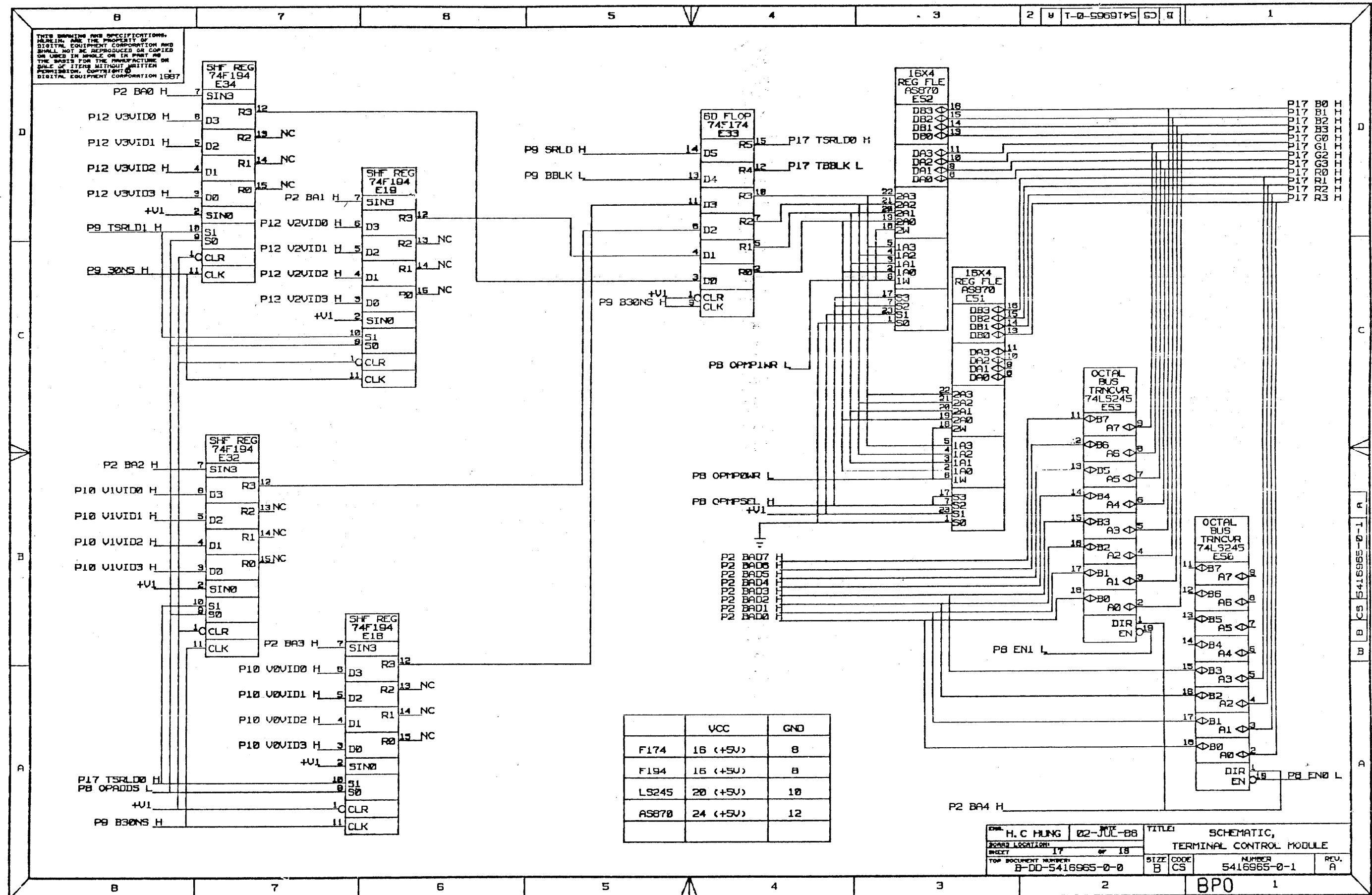
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P11 ADD8 T
P11 ADD5 T
P11 ADD4 T
P11 ADD3 T
P11 ADD2 T
P11 ADD1 T
P11 ADD0 T

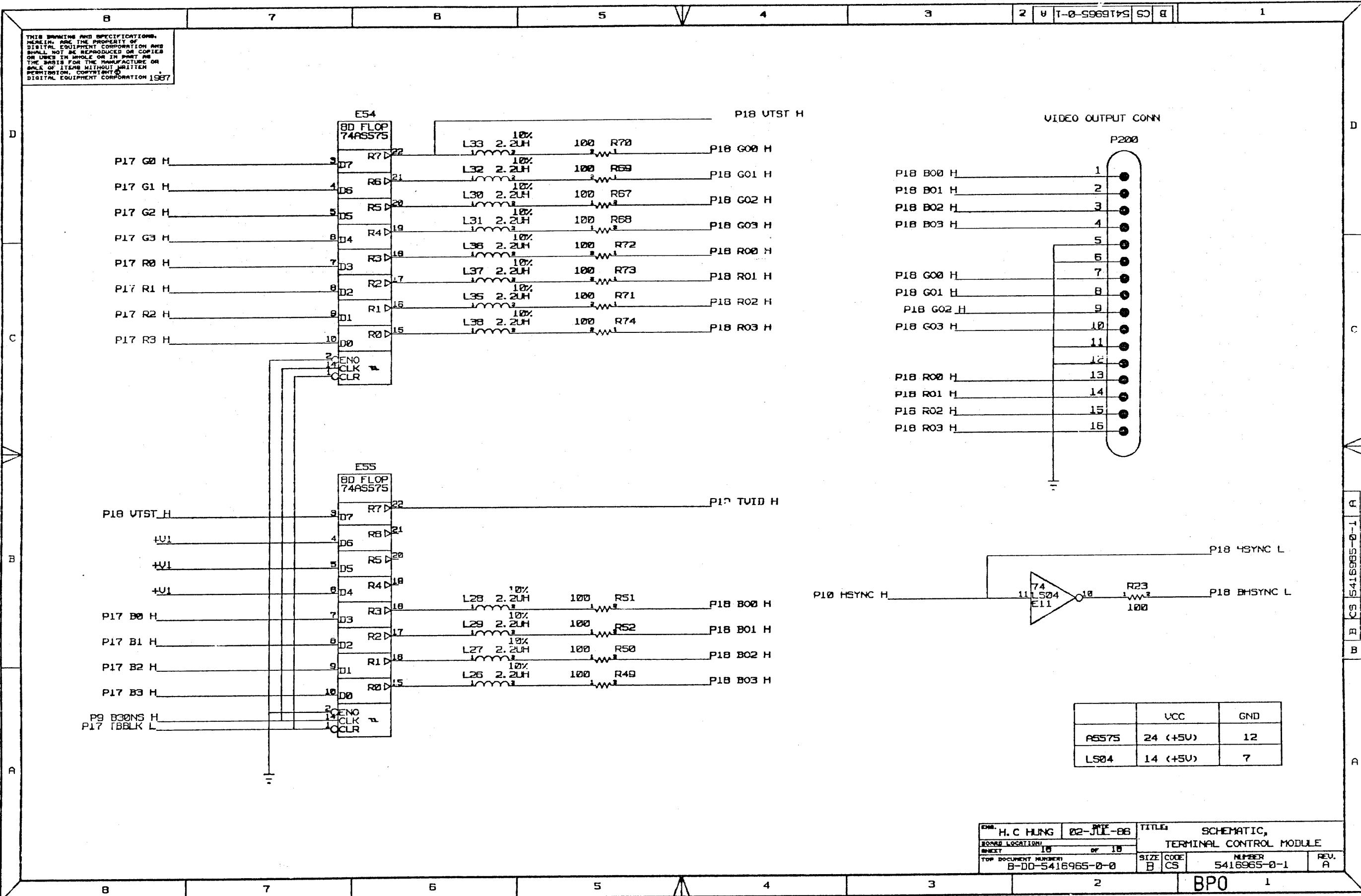


P15	DBM3	H
P15	DBM2	H
P15	CBM3	H
P15	CBM2	H
P15	DBM1	H
P15	DBM0	H
P15	CBM1	H
P15	CBM0	H

NAME: H. C HUNG	DATE: 02-JUL-88	TITLE: SCHEMATIC, TERMINAL CONTROL MODULE		
BOARD LOCATION:	SHEET: 15 or 18	SIZE: B	CODE: CS	NUMBER: 5416965-0-1
TOP DOCUMENT NUMBER: B-DO-5416965-0-0				REV. A







4

3

2

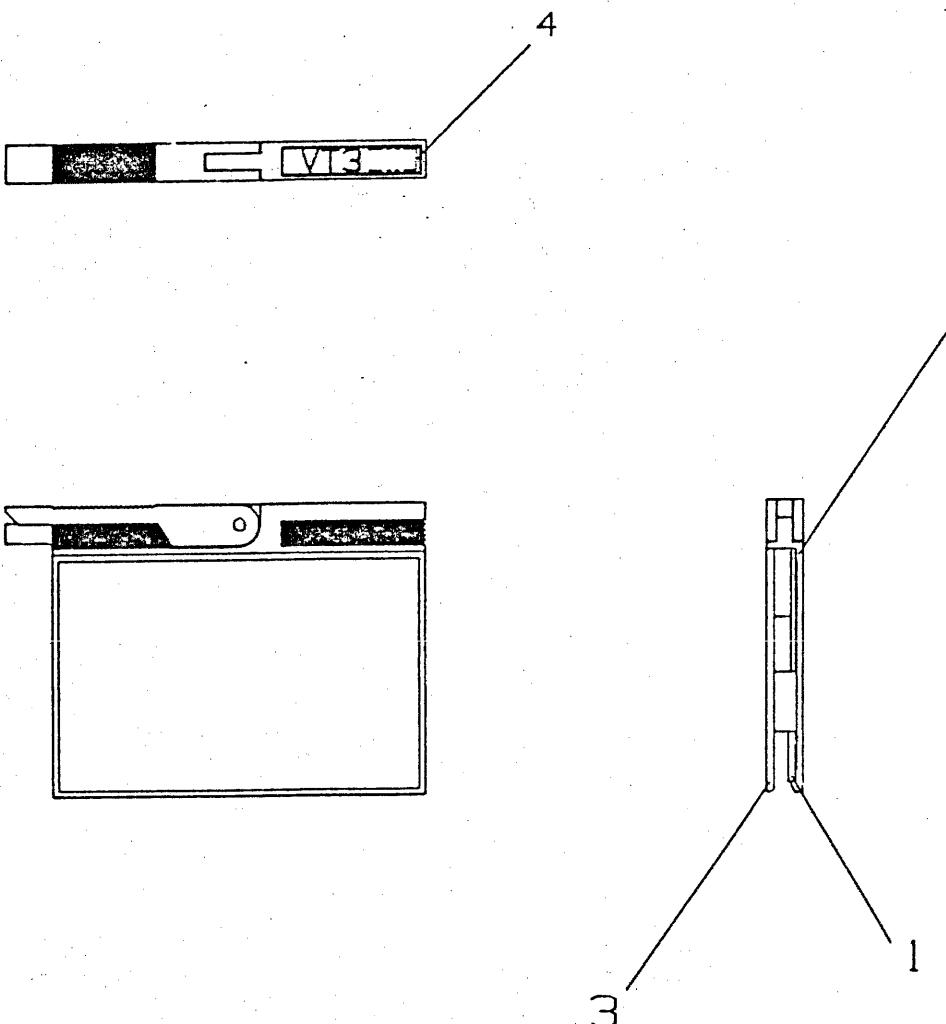
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LEGEND

PART NO	REV.	DESCRIPTION
7022623-04	A01	AS SHOWN

NOTES:

1. ASSEMBLING PROCEDURE:
ATTACH ITEM 2 AND ITEM 3 USING
CHLOROFORM TO DISSOLVE AT JOINT.



CAUTION : OFF SHEET PARTS LIST EXISTS.
SEE K-PL-7022623-0-DBP
(GH307A.PLS)

C	AD	7022623-0-DBU	REV.
REVISION HISTORY			
REV	ECN NUMBER	DATE	RELEASED
<		21-JAN	

C	AD	7022623-0-DBU	REV.
REVISION HISTORY			
REV	ECN NUMBER	DATE	RELEASED
<		21-JAN	

C	AD	7022623-0-DBU	REV.
REVISION HISTORY			
REV	ECN NUMBER	DATE	RELEASED
<		21-JAN	

C	AD	7022623-0-DBU	REV.
REVISION HISTORY			
REV	ECN NUMBER	DATE	RELEASED
<		21-JAN	

		DESCRIPTION	DRAWING NO.	PART NO.	ITEM NO.				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)									
QUANTITY & VARIATION	INCHES TOLERANCES	ANGLES TO 30°	APPLICABLE DIMENSION RANGE (CHECK ONE)	DIMENSIONS RANGE IN INCHES					
	.XI: ±.01 .XX: ±.02 .XXX: ±.005	SURFACE QUALITY	MICRONINCHES	OVER .02 TO .04	OVER .02 TO 1.2	OVER .02 TO 4.0	OVER .02 TO 12.0	OVER .02 TO 40.0	OVER .02 TO 80.0
THIRD ANGLE PROJECTION						DIN J.N. LIN DATE 30-APR-86	TITLE digital		
DO NOT SCALE DRAWING						CHK'D I. LIN DATE 05-JAN-87			
REMOVE BURRS AND BREAK SHARP CORNERS						DES END J. KUO DATE 30-APR-86			
MATERIAL - //						RESP END O. LIN DATE 05-JAN-87			
FINISH - //						MFG END G. WU DATE 23-JAN-87	DOCUMENT NUMBER		
						TOP DOC. NO. C-AD-7022623-0-DBU	SIZE CODE	NUMBER	REV
						C-AD-7022623-0-DBU			A
						SCALE 1/1	SHEET 1	OF 1	

C	AD	7022623-0-DBU	REV.
REVISION HISTORY			
REV	ECN NUMBER	DATE	RELEASED
<		21-JAN	

C	AD	7022623-0-DBU	REV.
REVISION HISTORY			
REV	ECN NUMBER	DATE	RELEASED
<		21-JAN	

C	AD	7022623-0-DBU	REV.
REVISION HISTORY			
REV	ECN NUMBER	DATE	RELEASED
<		21-JAN	

C	AD	7022623-0-DBU	REV.
REVISION HISTORY			
REV	ECN NUMBER	DATE	RELEASED
<		21-JAN	

PARTS LIST

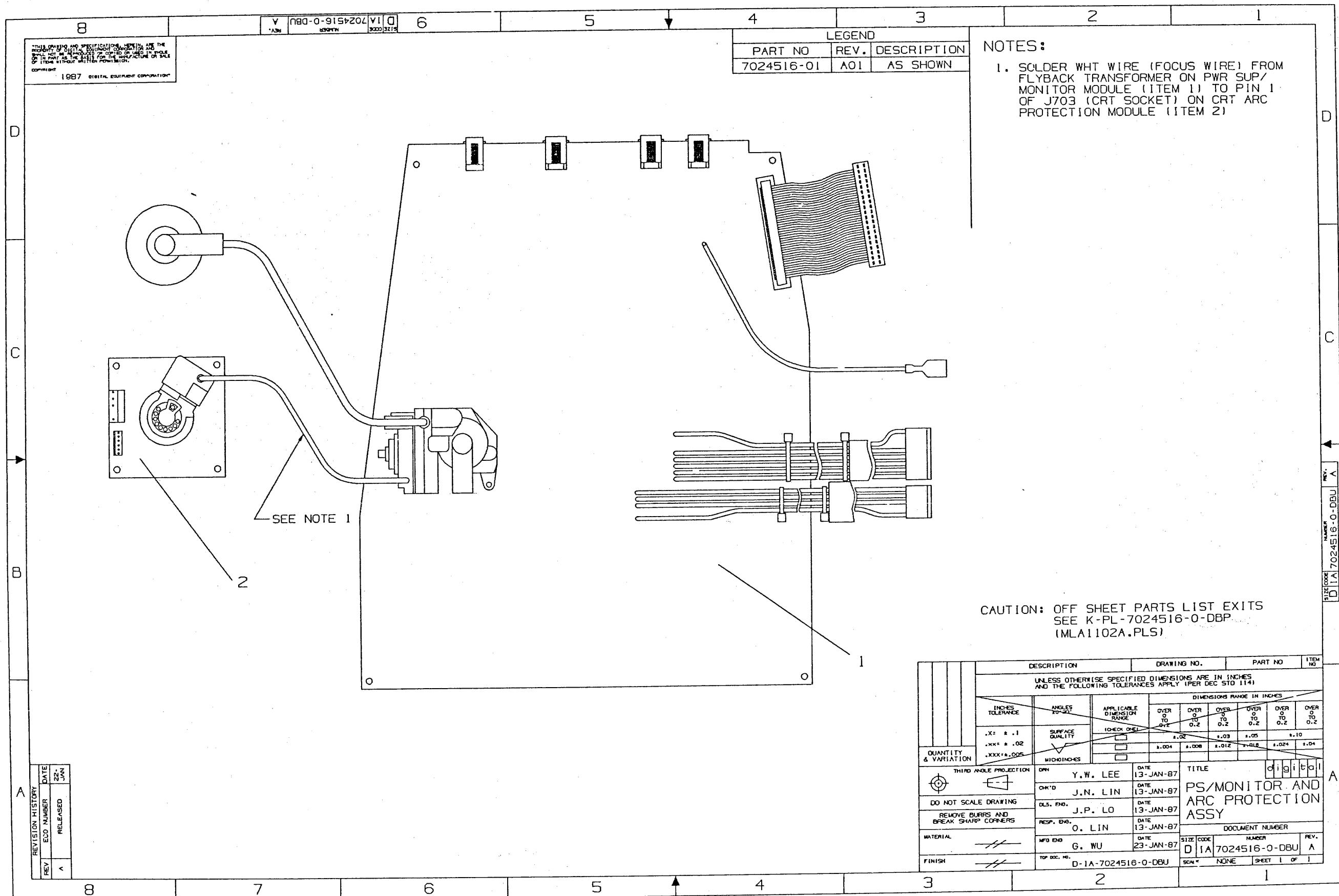
SHEET A1 OF A1

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	MIN	DESCRIPTION	04	A1
1	1 B-DD-5416967-0-0	54-16967-02	A	VT330/VT340 ROM CARTRIDGE MODULE	1		
2	2 C-IA-7023975-0-DBU	70-23975-01	A	CARTRIDGE BOTTOM/HANDLE ASSY	1		
3	3 C-MD-7432558-0-DBU	74-32558-01	A	COVER, CARTRIDGE	1		
4	4	36-26789-04		LABEL,ROM CARTRIDGE VT330/340	1		

QUANTITY PER VARIATION/REVISION

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: 19-APR-86	TITLE PARTS LIST		
---	INITIAL	A	[A]	04	!CHK'D: I. LIN	ROM CARTRIDGE		
			[B]		!DATE: 18-DEC-86			
			[C]		!DES.ENG: J. KUO	DOCUMENT NUMBER		
			[D]		!DATE: 19-APR-86			
			[E]		!RESP.ENG.: O. LIN	SIZE!CODE! NUMBER ! REV		
			[F]		!DATE: 18-DEC-86	K PL 7022623-0-DBP A		
			[H]		!MFG.ENG: GORDON WU	RELEASE DATE: 18-FEB-87		
			[J]		!DATE: 26-JAN-87	RELEASE STATUS: RELEASED		
			!BASIC PART NUMBER: !ASSEMBLY NUMBER:		!TOP DOCUMENT NUMBER: !FILE NAME: !EDIT #			
			!7022623 !C-AD-7022623-0-DBU		!C-AD-7022623-0-DBU !GH307A.PLS		41	

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PARTS LIST

SHEET A1 OF A1

LINE ITEM TOP DOCUMENT PART NUMBER REV MIN DESCRIPTION QUANTITY PER VARIATION/REVISION

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	MIN	DESCRIPTION	01	A1	QUANTITY PER VARIATION/REVISION
1	1 B-DD-5416961-0-0	54-16961-01	A		PWR SUPPLY/MONITOR MODULE	1		
2	2 B-DD-5417106-0-0	54-17106-01	A		CRT ARC PROTECTION MODULE	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			DATE: 13-JAN-87			TITLE PARTS LIST		
			[A]	01		CHK'D:	J. N. LIN		PS/MONITOR AND		
---	INITIAL	A	[B]			DATE:	13-JAN-87		ARC PROTECTION ASSY		
			[C]			DES.ENG:	J. P. LO		DOCUMENT NUMBER		
			[D]			DATE:	13-JAN-87		SIZE	CODE	NUMBER
			[E]								REV
			[F]			RESP.ENG.:	O. LIN		K	PL	7024516-0-DBP
			[G]			DATE:	13-JAN-87		A		
			[H]								
			[I]			MFG.ENG:	GORDON WU		RELEASE DATE:	18-FEB-87	
			[J]			DATE:	26-JAN-87		RELEASE STATUS:	RELEASED	
						BASIC PART NUMBER:	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:	EDIT #	
						7024516	D-IA-7024516-0-DBU	D-IA-7024516-0-DBU	MLA1102A.PLS		16

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1987

digital

DRN.	F. LIU	DATE 5-MAY-86	TITLE DWG DIR, PWR SUP/MONITOR MODULE			
CHK'D	B. CHEN	DATE 5-MAY-86				
DES. ENG.	C.L. CHUANG	DATE 5-MAY-86	DOCUMENT NUMBER			
RESP. ENG.	L. JEAN	DATE 5-MAY-86	SIZE B	CODE DD	NUMBER 5416961-0-0	REV. A
MFG. ENG.	<i>Gary Lorraine</i>	DATE 6Feb 87			SHEET 1 OF 1	

PARTS LIST

SHEET A1 OF A6

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
1	1	B-DD-5016960-0-0	50-16960-01	F CIRCUIT DRILL AND ETCH	1	
2	2		10-10274-02	1.0 MFD 50V +/-20% Z5U C	1	C914
3	3		10-11740-02	1800 PFD 50V +/-10% X7R C	1	C915
4	4		10-12312-01	0.47 MFD 50V +/-20% Z5U C	4	C603,C921-C923
5	5		10-12784-00	0.047MFD 50V +/-20% Z5U C	2	C101,C809
6	6		10-13466-04	33 PFD 50V +/- 5% NPO C	1	C508
7	7		10-13466-11	0.22 MFD 50V +/-20% Z5U C	2	C903,C918
8	8		10-13466-12	2200 PFD 50V +/-10% X7R C	1	C920
9	9		10-13466-19	470 PFD 50V +/- 5% NPO C	1	C813
10	10		10-13466-22	0.10 MFD 50V +/-20% Z5U C	7	C804,C805,C810,C811,C913,C919, CONT C930
11	11		10-13466-43	0.010MFD 50V +/- 5% X7R C	3	C501,C632,C916
12	12		10-13669-02	0.10 MFD 150V +/- 5% M.POL	3	C505-C507
13	13		10-14052-00	100 MFD 25V +100/-10% ALU	1	C503
14	14		10-16544-00	0.10 MFD 100V +/-10% MYLAR	2	C510,C601
15	15		10-16548-00	1000 MFD 16V +/-50/-10% ALU	2	C619,C640
16	16		10-16555-00	22 MFD 50V +/-50/-10% ALU	1	C511
17	17		10-16557-00	470 MFD 16V +/-50/-20% ALU	1	C604
18	18		10-16570-00	1000 PFD 500V +/-80/-20% X5S/Z	1	C609
19	19		10-16572-00	300 PFD 500V +/-10% X5F/X	3	C622,C624,C932
20	20		10-18000-00	2.2 MFD 63V +/-50/-20% ALU	2	C634,C912
21	21		10-18000-07	10 MFD 63V +/-50/-20% ALU	2	C627,C635
22	22		10-18000-15	10 MFD 250V +/-50/-20% ALU	1	C621
23	23		10-18000-16	100 MFD 160V +/-50/-20% ALU	1	C613
24	24		10-18000-17	470 MFD 25V +/-50/-20% ALU	1	C502
25	25		10-18000-25	220 MFD 16V +/-20% ALU	2	C636,C840
26	26		10-18000-28	1.0 MFD 100V +/-50/-20% ALU	3	C910,C917,C936
27	27		10-18000-29	10 MFD 25V +/-75/-20% ALU	3	C516,C623,C630
28	28		10-18000-34	100 MFD 100V +/-50/-20% ALU	2	C925,C927
29	29		10-18000-40	47 MFD 25V +/-20% ALU	2	C517,C628
30	30		10-18237-01	4700 PFD 100V +/- 5% POLYP	1	C602
31	31		10-19537-01	1000 MFD 35V +/-50/-10% ALU	1	C620

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	TITLE PARTS LIST		
---	INITIAL	A	[A] 01	[M]		DATE: 05-MAY-86	POWER SUPPLY/MONITOR MODULE		
			[B]	[N]		DATE: 05-MAY-86	DOCUMENT NUMBER		
			[C]	[P]		DES.ENG: CL CHUANG			
			[D]	[Q]		DATE: 05-MAY-86			
			[E]	[R]		RESP.ENG.: L JEAN			
			[F]	[S]		DATE: 05-MAY-86			
			[H]	[T]		MFG.ENG: G. CHRISTIANSEN	RELEASE DATE: 18-FEB-87		
			[J]	[V]		DATE: 26-JAN-87	RELEASE STATUS: RELEASED		
			[K]	[W]			FILE NAME: EDIT #		
			[L]	[Y]			IGH706A.PLS 40		
BASIC PART NUMBER: 5416961			ASSEMBLY NUMBER: D-UA-5416961-0-0			TOP DOCUMENT NUMBER: B-DD-5416961-0-0			

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LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
32	32	10-21205-02		1000 MFD 25V +30/-10% ALU	1	C904
33	33	10-21480-06		0.22 MFD 250V +/- 5% POLYP	1	C611
34	34	10-24263-04		390 PFD 2000V +/-10% Y5P	1	C617
35	35	10-24422-01		220 MFD 35V +/-20% ALU	1	C513
36	36	10-26456-01		2200 PFD 100V 1% POLYPROP	1	C608
37	37	10-26457-02		0.015MFD 1000V +/-5% POLYPR	1	C633
38	38	10-26457-03		2000 PFD 1500V +/-10% POLYP	1	C814
39	39	10-26577-01		2200 MFD 10V +/-20% ALU	1	C926
40	40	10-26578-01		330 MFD 25V +/-20% ALU	4	C803,C812,C905,C909
41	41	10-26588-01		1000 PFD 50V +/- 5% MYLAR	1	C806
42	42	10-26608-01		4700 MFD 10V +/-20% ALU	3	C906-C908
43	43	10-26646-01		0.10 MFD 250V +/-10% MYLAR	1	C618
44	44	10-26654-01		0.010MFD 100V +/- 5% MYLAR	2	C605,C933
45	45	10-26655-01		0.10 MFD 100V +/- 5% MYLAR	1	C607
46	46	10-26938-01		2200 MFD 16V +/-20% ALUM	1	C512
47	47	10-26959-01		2200 PFD 100V +/-5% POLYPR	2	C509,C807
48	48	10-27012-01		680 MFD 250V +/-20% ALU	1	C801
49	49	10-27182-01		0.10 MFD 250V +/- 5% MET.	1	C629
50	50	10-27183-01		680 PFD 1000V +/-10% POLYP	2	C815,C816
51	51	10-27186-01		7500 PFD 1500V +/- 2% POLYP	1	C616
52	52	10-27189-01		0.39 MFD 250V +/- 5% POLYP	1	C612
53	53	10-27202-01		330 MFD 160V +/-20% ALUM	1	C901
54	54	10-27203-01		47 MFD 160V +/-20% ALU	2	C625,C935
55	55	10-27211-01		4-7 MFD 160V +/-20% ALU	1	C610
56	56	10-27656-01		0.022MFD 100V +/- 5% MET.	1	C606
57	57	10-27657-01		680 MFD 400V +/-20% ALU	1	C802
58	58	10-27901-01		470 MFD 25V +/-20% ALU	1	C817
59	59	11-05796-00		PIV= 400 IO= 1.00A 1N4004 D0-41	5	D501,D805,D806,D812,D840
60	60	11-05871-00		VZ= 5.15 1% 250 MW	1	D905
61	61	11-09443-00		VZ= 5.1 5% 50 W 1N5231B	2	D641,D907
62	62	11-10968-00		SCR PIV= 100 IO= .80A 2N5062	1	Q801
63	63	11-12594-02		PIV= 600 IO= 3.00A	1	D901
64	64	11-12595-01		PIV= 200 IO= 1.00A AXIAL	6	D640,D802,D810,D811,D904,D906
65	65	11-12595-02		PIV= 600 IO= 1.00A AXIAL	5	D602-D604,D642,D900
66	66	11-15112-00		RECT,ULTRA FAST PIV= 800 IO= 1.0	2	D605,D606
67	67	11-16475-00		PIV= 75 - 4NS 1N4148	13	D643,D644,D647,D648,D803,D804, CONT D808,D809,D908-D910,D912,D913
68	68	11-20828-01		PIV=1000 IO= 1.50A	1	D645
69	69	11-20829-01		PIV=1000 IO= 3.00A	1	D601
70	70	11-24037-01		VZ= 36.0 5% 400 MW 1N974B D0-35	8	D111-D118
71	71	11-24210-01		SCHOTTKY PIV= 45 IO=15.00A T022	1	D903
72	72	11-26397-01		PIV=100 IO=3.0 A 150NS	1	D902
73	73	11-26544-01		RECT. ASSY PIV= 600 IO=4.0 A	1	D801
74	74	11-26743-01		TRANS SUPP 600W 10V +/-	4	D101,D102,D106,D107
75	75	11-26743-02		TRANS SUPP 600W 22V +/-	6	D103-D105,D108-D110
76	76	11-26939-01		PIV= 800 IO= 2.0 A RG2K D0204	1	D807
77	77	12-10929-02		FUSE PICO 1.0 A 125V AXIAL LEA	1	F901
78	78	12-13071-06		INSULATOR,RUBBER SILICONE	2	
79	79	12-13071-21		INSULATOR,RUBBER,THERMAL	2	
80	80	12-15228-00		HEAT SINKS,T0-220 01.25X0.87	1	H901

TITLE
 D I G I T A L !

POWER SUPPLY/MONITOR MODULE

SECTION A OF A
 !

SIZE ! CODE ! DOCUMENT NUMBER ! REV !
 K PL 5416961-0-DBP A

AUTOMATED BY VAXKPL (V1.3)

PARTS LIST

SHEET A3 OF A6

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
81	81	12-15323-00		PCB HEADER 06PIN(1X06).100CC STR	1	J601
82	82	12-15323-02		PCB HEADER 02PIN(1X02).100CC STR	1	J900
83	83	12-17485-01		MATE-N-LOK 03SKT(1X03).250CC ASS	1	J801
84	84	12-18826-07		CONN,PHONE JACK 04POS	1	J104
85	85	12-21439-01		PCB,HEADER 03PIN(1X03).200CC STR	1	J802
86	86	12-23433-02		CONN,LAN JACK 06 POS	3	J101-J103
87	87	12-24261-01		PCB HEADER PIN .1250D TIN	8	J805-J812
88	88	12-26611-02		HEAT SINK	1	H805
89	89	12-26611-03		HEAT SINK	1	H602
90	90	12-27199-01		SW,SLIDE 2P2POS .2A	1	S500
91	91	12-27210-01		HEAT SINK	1	H903
92	92	12-27276-01		HEAT SINK FOR TDA1170DS	1	H501
93	93	12-27281-02		HEATSINK	1	H600
94	94	12-27324-01		PCB HEADER PIN TIN	4	TP600,TP601,TP900,TP901
95	95	12-27734-01		PCB HEADER 04PIN(1X04) STR	1	J600
96	96	12-27759-01		HEAT SINK	1	H902
97	97	12-27779-01		RELAY,MINI,SPDT,1FORMC,12VDC COI	1	K801
98	98	13-00168-00	10.0	.50 W 5.0 % CF	1	R523
99	99	13-00197-00	33.0	.25 W 5.0 % CF	1	R824
100	100	13-00202-00	47.0	.25 W 5.0 % CF	1	R818
101	101	13-00229-00	100.0	.25 W 5.0 % CF	3	R822,R902,R946
102	102	13-00247-00	120.0	.25 W 5.0 % CF	1	R603
103	103	13-00274-00	220.0	.50 W 5.0 % CF	1	R517
104	104	13-00296-00	330.0	.50 W 5.0 % CF	2	R623,R624
105	105	13-00316-00	470.0	.25 W 5.0 % CF	1	R917
106	106	13-00338-00	560.0	.50 W 5.0 % CF	1	R937
107	107	13-00365-00	1.0 K	.25 W 5.0 % CF	10	R814,R823,R832,R833,R908,R911 CONT R913,R918,R923,R926
108	108	13-00385-00	1.20 K	.50 W 5.0 % CF	1	R611
109	109	13-00391-00	1.50 K	.25 W 5.0 % CF	2	R600,R629
110	110	13-00417-00	2.20 K	.25 W 5.0 % CF	4	R520,R628,R636,R647
111	111	13-00444-00	3.90 K	.25 W 5.0 % CF	2	R515,R948
112	112	13-00447-00	4.70 K	.25 W 5.0 % CF	4	R500,R502,R658,R949
113	113	13-00479-00	10.0 K	.25 W 5.0 % CF	12	R512,R637,R642,R645,R648,R654 CONT R815,R842-R844,R916,R933
114	114	13-00496-00	15.0 K	.25 W 5.0 % CF	1	R816
115	115	13-01320-00	1.20 K	.25 W 5.0 % CF	2	R501,R649
116	116	13-01327-00	68.0 K	.25 W 5.0 % CF	1	R639
117	117	13-01423-00	6.80 K	.25 W 5.0 % CF	1	R657
118	118	13-01424-00	680.0	.25 W 5.0 % CF	2	R914,R935
119	119	13-01477-00	82.0	.25 W 5.0 % CF	1	R821
120	120	13-01890-00	560.0	.25 W 5.0 % CF	3	R910,R934,R938
121	121	13-01972-00	270.0	.25 W 5.0 % CF	1	R945
122	122	13-02091-00	330.0 K	.25 W 5.0 % CF	3	R808,R809,R812
123	123	13-02092-00	220.0 K	.25 W 5.0 % CF	3	R510,R625,R670
124	124	13-02177-00	47.0 K	.25 W 5.0 % CF	2	R507,R811
125	125	13-02222-00	221.0	.50 W 1.0 % RN60C-F 5	1	R528
126	126	13-02311-00	3.32 K	.25 W 1.0 % RN55D-F10	1	R526
127	127	13-02388-00	2.0 K	.25 W 5.0 % CF	2	R606,R607
128	128	13-02395-00	56.0 K	.25 W 5.0 % CF	1	R508

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

POWER SUPPLY/MONITOR MODULE

SECTION A OF

!SIZE !CODE ! DOCUMENT NUMBER ! R

5416961-0-DBP

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QTY PER VAR/REV		REFERENCE DESIGNATORS
					MIN	A1	
81	81	12-15323-00		PCB HEADER 06PIN(1X06).100CC STR	1		J601
82	82	12-15323-02		PCB HEADER 02PIN(1X02).100CC STR	1		J900
83	83	12-17485-01		MATE-N-LOK 03SKT(1X03).250CC ASS	1		J801
84	84	12-18826-07		CONN,PHONE JACK 04POS	1		J104
85	85	12-21439-01		PCB,HEADER 03PIN(1X03).200CC STR	1		J802
86	86	12-23433-02		CONN,LAN JACK 06 POS	3		J101-J103
87	87	12-24261-01		PCB HEADER PIN .1250D TIN	8		J805-J812
88	88	12-26611-02		HEAT SINK	1		H805
89	89	12-26611-03		HEAT SINK	1		H602
90	90	12-27199-01		SW,SLIDE 2P2POS	.2A	1	S500
91	91	12-27210-01		HEAT SINK	1		H903
92	92	12-27276-01		HEAT SINK FOR TDA1170DS	1		H501
93	93	12-27281-02		HEATSINK	1		H600
94	94	12-27324-01		PCB HEADER PIN TIN	4		TP600,TP601,TP900,TP901
95	95	12-27734-01		PCB HEADER 04PIN(1X04) STR	1		J600
96	96	12-27759-01		HEAT SINK	1		H902
97	97	12-27779-01		RELAY,MINI,SPDT,1FORMC,12VDC COI	1		K801
98	98	13-00168-00	10.0	.50 W 5.0 % CF	1		R523
99	99	13-00197-00	33.0	.25 W 5.0 % CF	1		R824
100	100	13-00202-00	47.0	.25 W 5.0 % CF	1		R818
101	101	13-00229-00	100.0	.25 W 5.0 % CF	3		R822,R902,R946
102	102	13-00247-00	120.0	.25 W 5.0 % CF	1		R603
103	103	13-00274-00	220.0	.50 W 5.0 % CF	1		R517
104	104	13-00296-00	330.0	.50 W 5.0 % CF	2		R623,R624
105	105	13-00316-00	470.0	.25 W 5.0 % CF	1		R917
106	106	13-00338-00	560.0	.50 W 5.0 % CF	1		R937
107	107	13-00365-00	1.0 K	.25 W 5.0 % CF	10		R814,R823,R832,R833,R908,R911, CONT R913,R918,R923,R926
108	108	13-00385-00	1.20 K	.50 W 5.0 % CF	1		R611
109	109	13-00391-00	1.50 K	.25 W 5.0 % CF	2		R600,R629
110	110	13-00417-00	2.20 K	.25 W 5.0 % CF	4		R520,R628,R636,R647
111	111	13-00444-00	3.90 K	.25 W 5.0 % CF	2		R515,R948
112	112	13-00447-00	4.70 K	.25 W 5.0 % CF	4		R500,R502,R658,R949
113	113	13-00479-00	10.0 K	.25 W 5.0 % CF	12		R512,R637,R642,R645,R648,R654, CONT R815,R842-R844,R916,R933
114	114	13-00496-00	15.0 K	.25 W 5.0 % CF	1		R816
115	115	13-01320-00	1.20 K	.25 W 5.0 % CF	2		R501,R649
116	116	13-01327-00	68.0 K	.25 W 5.0 % CF	1		R639
117	117	13-01423-00	6.80 K	.25 W 5.0 % CF	1		R657
118	118	13-01424-00	680.0	.25 W 5.0 % CF	2		R914,R935
119	119	13-01477-00	82.0	.25 W 5.0 % CF	1		R821
120	120	13-01890-00	560.0	.25 W 5.0 % CF	3		R910,R934,R938
121	121	13-01972-00	270.0	.25 W 5.0 % CF	1		R945
122	122	13-02091-00	330.0 K	.25 W 5.0 % CF	3		R808,R809,R812
123	123	13-02092-00	220.0 K	.25 W 5.0 % CF	3		R510,R625,R670
124	124	13-02177-00	47.0 K	.25 W 5.0 % CF	2		R507,R811
125	125	13-02222-00	221.0	.50 W 1.0 % RN60C-F 5	1		R528
126	126	13-02311-00	3.32 K	.25 W 1.0 % RN55D-F10	1		R526
127	127	13-02388-00	2.0 K	.25 W 5.0 % CF	2		R606,R607
128	128	13-02395-00	56.0 K	.25 W 5.0 % CF	1		R508

D	I	G	I	T	A	L	TITLE	POWER SUPPLY/MONITOR MODULE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV	
!	!	!	!	!	!	!	!	!	!	!	!	!	!	
!	!	!	!	!	!	!	!	!	!	!	!	K	PL	5416961-0-DBR

PARTS LIST

SHEET A4 OF A6

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
					01	A1
129	129		13-02396-00	.25 W 5.0 %	CF	1
130	130		13-02398-00	.25 W 5.0 %	CF	5
131	131		13-02465-00	.25 W 5.0 %	CF	2
132	132		13-02466-00	.25 W 5.0 %	CF	2
133	133		13-02514-00	.25 W 5.0 %	CF	1
134	134		13-02602-00	.25 W 5.0 %	CF	1
135	135		13-03179-00	.25 W 5.0 %	CF	1
136	138		13-03187-00	.25 W 5.0 %	CF	2
137	137		13-03312-00	.25 W 1.0 % RN55D-F10	CF	1
138	138		13-04840-00	.25 W 5.0 %	CF	1
139	139		13-04855-00	.25 W 1.0 % RN55D-F10	CF	1
140	140		13-04856-00	.25 W 1.0 % RN55D-F10	CF	1
141	141		13-05131-00	.25 W 1.0 % RN55D-F10	CF	1
142	142		13-05346-00	.25 W 1.0 % RN55D-F10	CF	1
143	143		13-05423-00	.25 W 1.0 % RN55D-F10	CF	4
144	144		13-09421-00	.25 W 1.0 % RN55D-F10	CF	1
145	145		13-09595-00	.25 W 5.0 %	CF	1
146	146		13-10867-00	.25 W 5.0 %	CF	2
147	147		13-11604-00	.25 W 5.0 %	CF	3
148	148		13-11996-02	VARISTOR 275VAC VOLT TRANS SUP	WW	1
149	149		13-12618-00	16.90 K .25 W 1.0 % RN55D-F10	CF	1
150	150		13-12932-00	36.0 K .25 W 5.0 %	CF	1
151	151		13-13349-00	33.0 K .25 W 5.0 %	CF	1
152	152		13-13476-00	51.10 K .25 W 1.0 % RN55D-F10	CF	1
153	153		13-13752-00	15.0 K .25 W 1.0 % RN55D-F10	CF	2
154	154		13-14270-05	THERMISTOR NTC 7.0 15%	CF	1
155	155		13-15096-00	1.87 K .25 W 1.0 % RN55D-F10	CF	2
156	156		13-15764-00	1.0 K 5.0 W 3.0 % WW	CF	1
157	157		13-16522-01	100.0 K .25 W 20.0 % POT	POT	2
158	158		13-16522-08	5.0 K .25 W 20.0 % POT	POT	2
159	159		13-16522-09	100.0 K .25 W 20.0 % POT	POT	1
160	160		13-16522-11	30.0 K .25 W 20.0 % POT	POT	1
161	161		13-16845-00	3.30 .50 W 5.0 % CF	CF	1
162	162		13-17917-00	500.0 13.0 W 5.0 % WW	CF	2
163	163		13-18341-43	8.45 K .25 W 1.0 % RN55D-F10	CF	1
164	164		13-18546-02	43.20 K .25 W 1.0 % RN55D-F10	CF	1
165	165		13-19019-00	105.0 K .25 W 1.0 % RN55D-F10	CF	1
166	166		13-19325-01	392.0 .25 W 1.0 % RN55D-F10	CF	1
167	167		13-19470-33	1.50 K 1.0 W 5.0 % M.OXIDE	M.OXIDE	1
168	168		13-19470-48	33.0 K 1.0 W 5.0 % M.OXIDE	M.OXIDE	1
169	169		13-19470-51	68.0 K 1.0 W 5.0 % M.OXIDE	M.OXIDE	1
170	170		13-19471-03	20.0 2.0 W 5.0 % M.OXIDE	M.OXIDE	1
171	171		13-19471-36	5.60 K 2.0 W 5.0 % M.OXIDE	M.OXIDE	1
172	172		13-19932-01	820.0 K .50 W 5.0 % CF	CF	1
173	173		13-20300-08	500.0 0.5 W 20.0 % POT	POT	1
174	174		13-20415-03	249.0 K .25 W 1.0 % RN55D-F10	CF	1
175	175		13-20607-01	1.0 .50 W 5.0 % CF	CF	1
176	176		13-20608-01	3.30 .25 W 5.0 % CF	CF	1
177	177		13-20711-01	330.0 K .50 W 5.0 % CF	CF	1
178	178		13-22400-01	220.0 3.0 W 5.0 % M.OXIDE	M.OXIDE	1

D I G I T A L TITLE

POWER SUPPLY/MONITOR MODULE

SECTION A OF A

SIZE CODE DOCUMENT NUMBER

REV

K PL 5416961-0-DBP

A

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
179	179	13-27013-01	5.1	3.0 W 5.0% M.OXIDE	1	R614
180	180	13-27013-02	10.0	3.0 W 5.0% M.OXIDE	1	R819
181	181	13-27013-04	22.0	K 3.0 W 5.0% M.OXIDE	2	R806,R807
182	182	13-27013-09	6.2	5.0 W 5.0% M.OXIDE	1	R617
183	183	13-27013-11	68.0	KK 3.0 W 5.0% M.OXIDE	1	R805
184	184	13-27014-01	2.2	.5 W 5.0% FUSE	5	R616,R618,R619,R627,R641
185	185	13-27065-01	THERMISTOR PTC	18 20%	2	R800,R829
186	186	13-27112-01	1.0 M	20.0% POT	1	R653
187	187	13-27187-03	10.0 K	.30 W 20.0% POT P	2	R634,R664
188	188	13-27237-01	200	2.0W +/-20% POT	1	R650
189	189	13-27627-01	0050	.50 W 5.0% CF	1	R663
190	190	15-09524-00	2N 3904	NPN 310MW SI 40 40 M	5	Q501,Q603,Q606,Q840,Q902
191	191	15-09525-00	2N 3906	PNP 310MW SI 40100 Y	4	Q604,Q607,Q842,Q903
192	192	15-10705-00	XA 05	NPN 500MW SI 60 50 P	1	Q841
193	193	15-10706-00	XA 55	PNP 500MW SI 60 50 P	1	Q802
194	194	15-12976-00	MPSA43	NPN 625MW SI200 50	1	Q605
195	195	15-16490-00	MPSU05	NPN 10W SI 2A	1	Q803
196	196	15-20089-01	MDS 20	NPN 2W 250V 1.5A	1	Q601
197	197	15-26543-01	TIP 32	PNP 40V 3A T0220	1	Q804
198	198	15-26616-01	TIP 47	NPN 40W 1A 250V	1	Q901
199	199	15-27113-01	2N6109	PNP 40W 7A 60V 10MHZ T	1	Q502
200	200	15-27289-01	MJE9450	PNP 15N 4A 45V CASE77	1	Q504
201	201	15-27290-01	MJE9400	NPN 15N 4A 45V CASE77	1	Q503
202	202	15-27592-01	2SC3642	NPN POWER TRANSISITOR	1	Q602
203	203	15-27596-01	2SC3552	NPN SILICON TRANSISTOR	1	Q805
204	204	16-09756-00	2.2 UH 10% 760MA	#DD2.20	18	L101-L112,L114,L117-L121
205	205	16-18238-02	BEAD,FERRITE .1380DX.330LG		2	L904,L905
206	206	16-26741-01	XFMR,PULSE		1	T801
207	207	16-26944-01	LINE DRIVER		1	T601
208	208	16-26945-01	PINCUSHION		1	T603
209	209	16-26946-01	XFMR,FLYBACK		1	T602
210	210	16-26947-01	CONTROLLER,MAGNETIC		1	T901
211	211	16-27238-01	CHOKE,800UH 20%		1	L604
212	212	16-27454-01	XFMR,SWITCH MODE		1	T802
213	213	16-27578-01	COIL,HORIZONTAL LINEARITY		1	L603
214	214	16-27580-01	CHOKE,22UH +/-10%		3	L801,L901,L906
215	215	16-27659-01	CHOKE,4.5UH +/-10%		1	L903
216	216	16-27683-01	CHOKE 9UH +/-10%		1	L902
217	217	16-27684-01	CHOKE 1.25 +/-10%		1	L802
218	218	16-27702-01	COIL,WIDTH		1	L602
219	219	17-01408-03	CABLE ASSY	FLAT,40(2X20)	1	P101
220	220	19-12108-01	LM 339ANVOLT.	CMPRTR,QUAD	1	E904
221	221	19-12536-00	DEC 7805	VOLT REG,FIX +5V	1	E600
222	222	19-17908-00	LM 358N	OP AMP DUAL LOW POWER	1	E903
223	223	19-19235-00	TDA 1170	AMP,VERTICAL DEFLECT	1	E501
224	224	19-21337-01	OPTOISLTR,XSTR,CTR=50%@IF10MA VC		2	E802,E803
225	225	19-21463-01	1391	TV HORIZ. PROCESSOR	1	E601
226	226	19-22024-02	PREC. VOLT REF, 36V		1	E901
227	227	19-23626-01	PWM OFF-LINE CURRENT		1	E801
228	228	19-27847-01	FIX VOLTAGE REGULATO		1	E902

D	I	G	I	T	A	L	TITLE	SIZE	CODE	DOCUMENT NUMBER	REV
!	!	!	!	!	!	!	POWER SUPPLY/MONITOR MODULE	!	SECTION A	OF A	!
!	!	!	!	!	!	!		!	K	PL	5416961-0-DBP

AUTOMATED BY VAXKPL (V1.3)

PARTS LIST

SHEET A6 OF A6

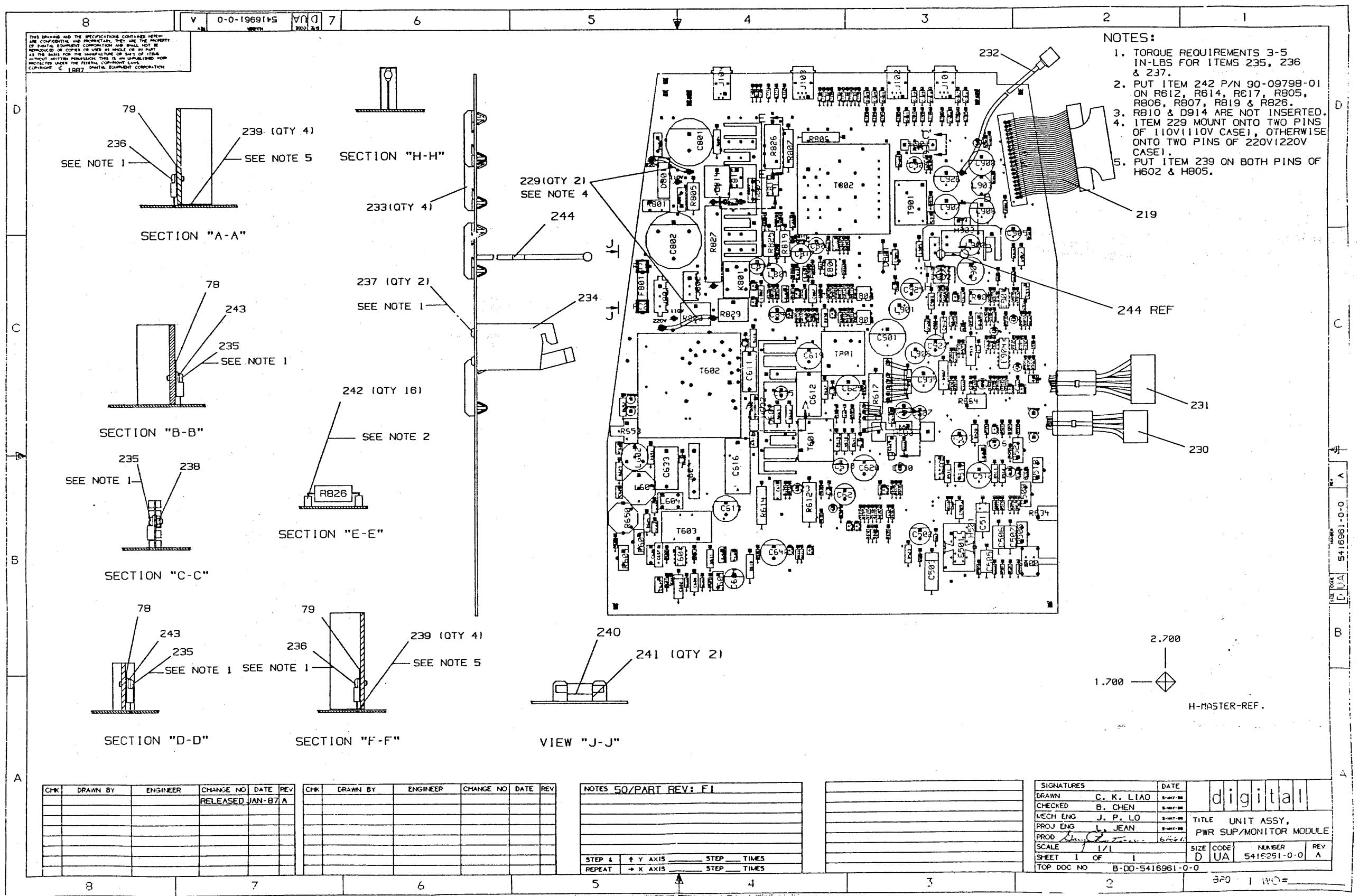
LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
229	229 D-IA-7022361-0-0	70-22361-0C	A	JUMPER VOLTAGE SELECTOR	2	P805,P807
230	230 B-IA-7022639-0-DBU	70-22639-01	A	CABLE,ARC PROTECTION	1	P702
231	231 B-IA-7022640-0-DBU	70-22640-01	A	CABLE VIDEO	1	P204
232	232 B-IA-7023276-0-DBU	70-23276-04	A	GROUNDING WIRE	1	P806
233	233 C-MD-7431615-0-DBU	74-31615-01	A	SPACER,PCB	4	
234	234 D-MD-7434698-0-DBU	74-34698-01	A	BRACKET,P/M BOARD	1	
235	235	90-06010-01		SCREW,MACH PAN PHIL	4-	3
236	236	90-06013-01		SCREW,MACH PAN PHIL	4-	2
237	237	90-06020-01		SCREW,MACH PAN PHIL	6-	2
238	238	90-06557-00		NUT,HEX EXT TOOTH LCKWSHR	4-40	1
239	239	90-06706-00		WASHER,FLAT NYLON	4	
240	240	90-07219-02		FUSE 3AG 4.0 A 250V NORM-BLOW	1	
241	241	90-09513-03		FUSECLIP	2	
242	242	90-09798-01		SPACER,CLEAR HOLE RND CERAM .07	16	
243	243	90-10057-00		WASHER,SHOULDER INSULATG PPS	2	
244	244	90-10797-01		STANDOFF,TWIST	1	

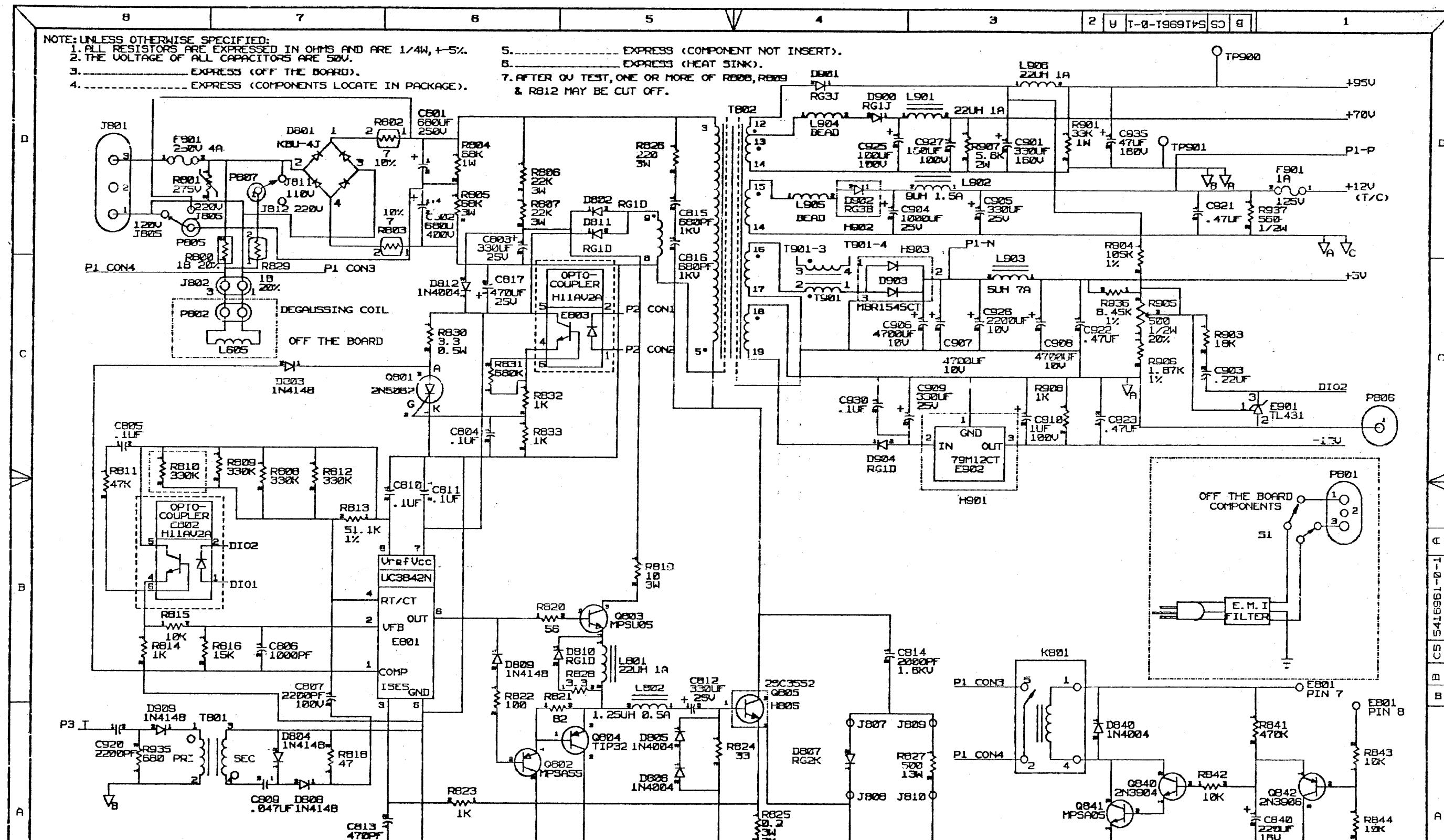
D I G I T A L TITLE

POWER SUPPLY/MONITOR MODULE

SECTION A OF A

SIZE CODE DOCUMENT NUMBER REV
K PL 5416961-0-DBP A





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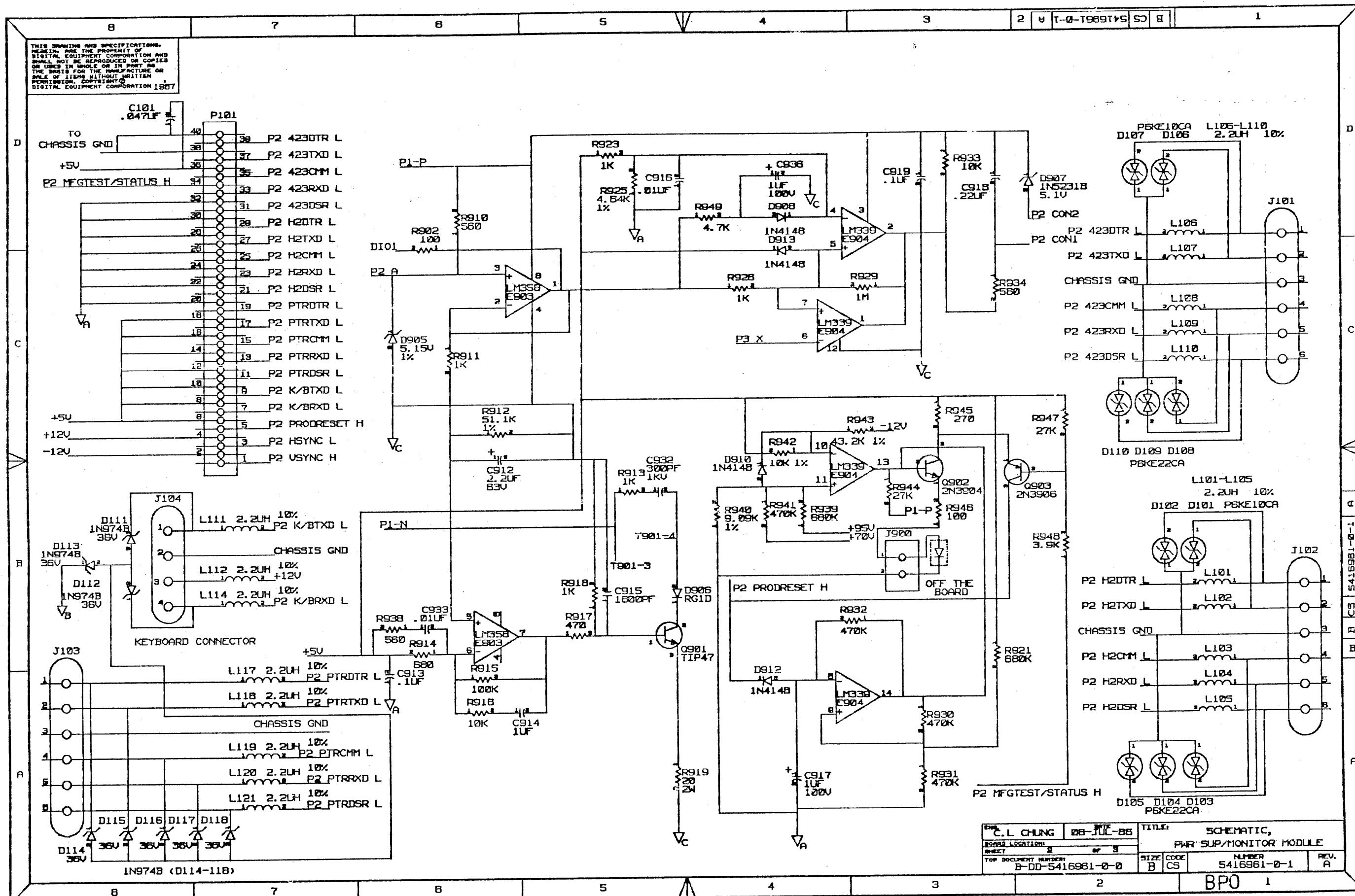
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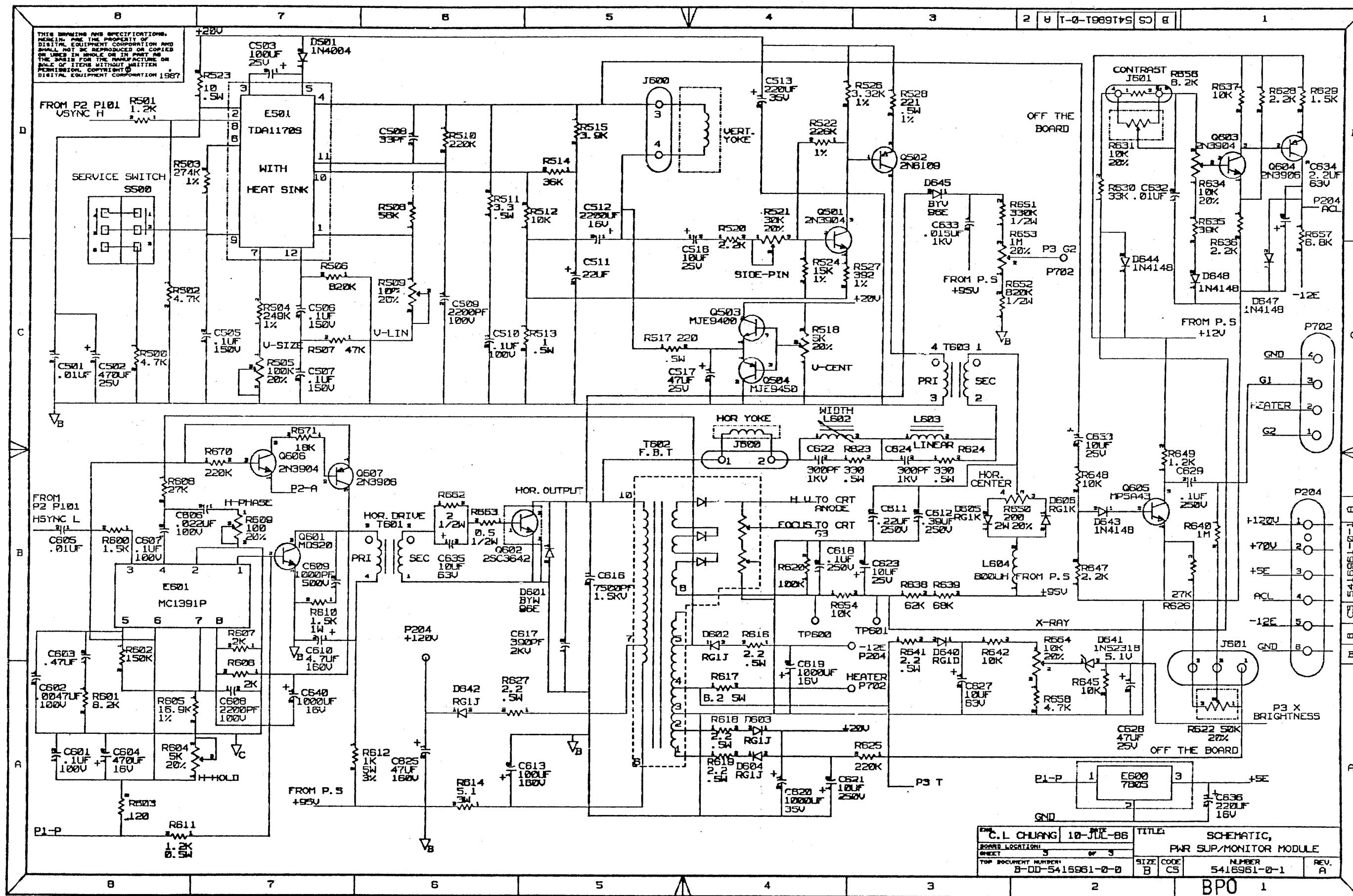
digital
LEARNERS

SEARCHED	STAN HSIEH	INDEXED
SERIALIZED	J. J HSIEH	FILED

J. J. SHE

U	DATE 10-JUL-86	TITLE: SCHEMATIC, PWR SUP/MONITOR MODULE		
	1 OF 3	SIZE	CODE	NUMBER
100mm	100mm	100mm	100mm	100mm





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1987

digital

DRB 126C
EN-01242-18-REVA(396)

DRN.	F. LIU	DATE 5-MAY-86	TITLE DWG DIR, CRT ARC PROTECTION MODULE			
CHK'D	B. CHEN	DATE 5-MAY-86				
DES. ENG.	C. L. CHUANG	DATE 5-MAY-86	DOCUMENT NUMBER			
RESP. ENG.	L. JEAN	DATE 5-MAY-86	SIZE B	CODE DD	NUMBER 5417106-0-0	REV. A
MFG. ENG.	<i>James Martin</i>	DATE 6 Feb 87			SHEET 1 OF 1	

BPO

AUTOMATED BY VAXKPL (V1.3)

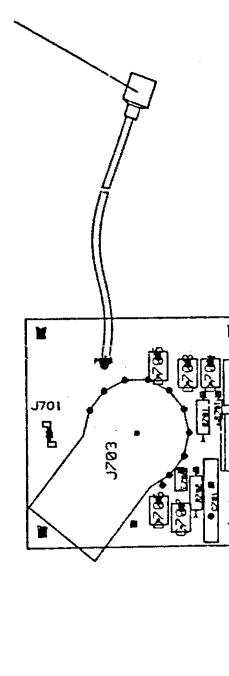
PARTS LIST

SHEET A1 OF A1

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
1	1 B-DD-5017105-0-0	50-17105-01	C	CIRCUIT DRILL & ETCH	1	
2	2	10-16570-00	1000	PFD 500V +80/-20% X5S/Z	1	C702
3	3	10-19559-01	0.020MFD	1000V +80/-20% Y5U/Z	1	C701
4	4	10-27658-01	1.0	PFD 1500V +0 /-100%	1	C707
5	5	11-27611-01	DIA SURGE ABSORBER	300V +/-15%	4	D703-D706
6	6	12-15323-00	PCB HEADER 06PIN(1X06).100CC STR		1	J704
7	7	12-26579-01	TERM,FASTON .250TAB		1	J701
8	8	12-26866-01	SKT,CRT		1	J703
9	9	12-27325-03	PCB HEADER 05POS(1X05).156CC STR		1	J702
10	10	13-00364-00	1.0 K .50 W 5.0 % CF		1	R702
11	11	13-20713-01	390.0 K .50 W 5.0 % CF		1	R701
12	12	16-12946-04	6.8 UH 10% Q MIN=52@7.9MHZ		2	L701,L702
13	13 B-IA-7023276-0-DBU	70-23276-02	A	GROUNDING WIRE	1	P703

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			DATE: 05-MAY-86	TITLE	PARTS LIST		
INITIAL			[A] 01	[M]		CHK'D: B. CHEN	CRT ARC PROTECTION MODULE			
			[B]	[N]		DATE: 05-MAY-86				
			[C]	[P]		DES.ENG: CL CHUANG	DOCUMENT NUMBER			
			[D]	[Q]		DATE: 05-MAY-86	SIZE	CODE	NUMBER	REV
			[E]	[R]		RESP.ENG.: L. JEAN	K	PL	5417106-0-DBP	A
			[F]	[S]		DATE: 05-MAY-86				
			[H]	[T]		MFG.ENG: G. CHRISTIANSEN	RELEASE DATE: 04-FEB-87			
			[J]	[V]		DATE: 26-JAN-87	RELEASE STATUS: RELEASED			
			[K]	[W]						
			[L]	[Y]						
			BASIC PART NUMBER:		ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:	EDIT #		
			5417106		D-UA-5417106-0-0	B-DD-5417106-0-0	MLA0332A.PLS	27		

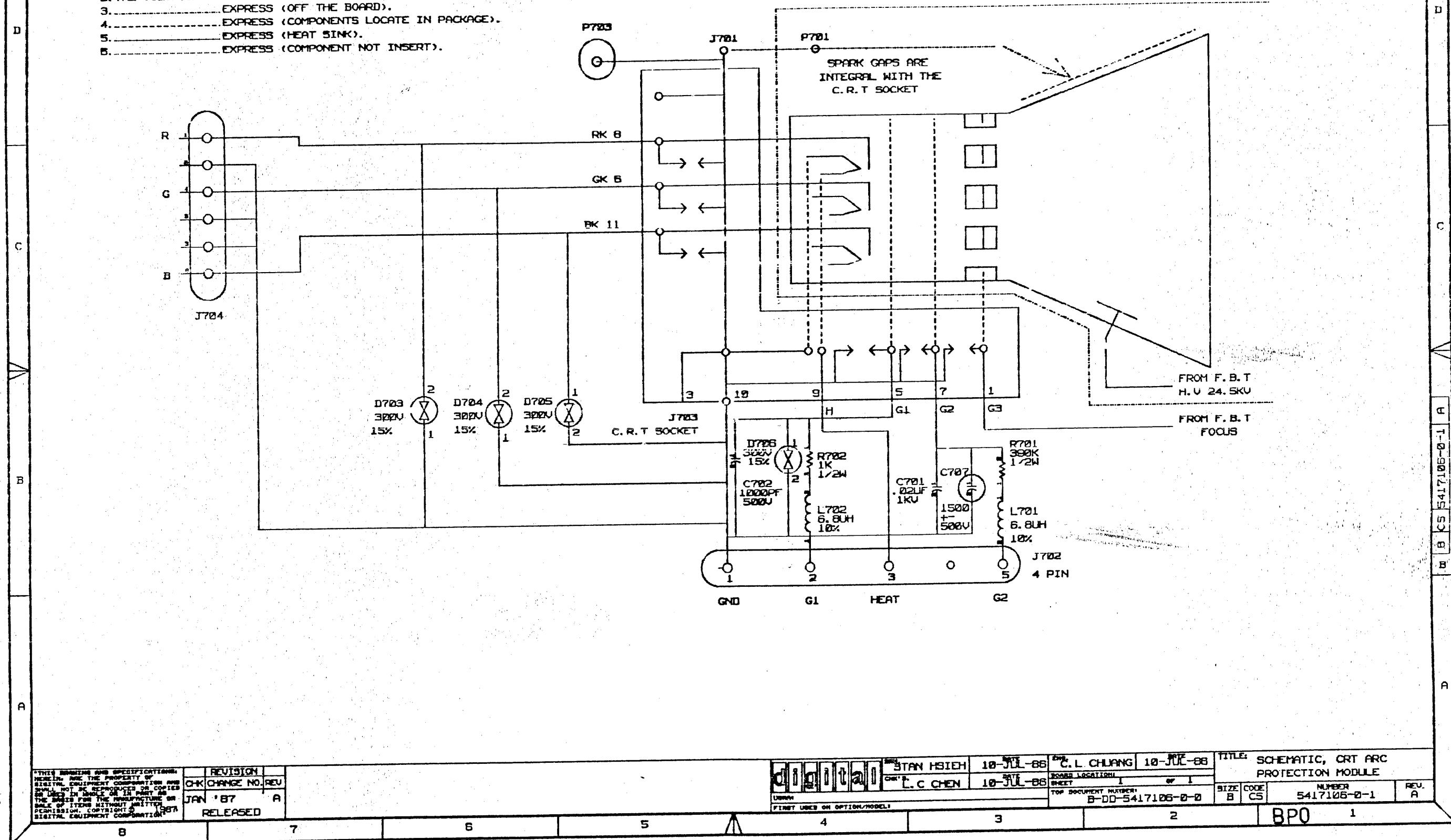
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8	9	5	4	3	2	1	
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D						D	
C						C	
B						B	
A						A	
							
H-MASTER-REF.							
CHK DRAWN BY ENGINEER CHANGE NO DATE REV RELEASED JAN-87 A			CHK DRAWN BY ENGINEER CHANGE NO DATE REV			NOTES 50/PART REV: C1 STEP 4 ↑ Y AXIS _____ STEP _____ TIMES REPEAT → X AXIS _____ STEP _____ TIMES	
8			7			6	
5			4			3	
2			1			BPQ 1 WO#	
SIGNATURES DATE DRAWN N. LEE 8-MAY-88 CHECKED B. CHEN 8-MAY-88 MECM ENG J. P. LO 8-MAY-88 PROJ ENG L. JEAN 8-MAY-88 PROD G. PETERSON 6-FEB-88 SCALE 1/1 SHEET 1 OF 1 TOP DOC NO B-DO-5417106-0-0							digital
SIZE CODE NUMBER REV D U A 5417106-0-0 A							TITLE UNIT ASSY, CRT ARC PROTECTION MODULE

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 LOCATE IN PACKAGE)
 5. _____ EXPRESS (HEAT SINK).
 6. _____ EXPRESS (COMPONENT NOT INSERT).

OFF THE BOARD



8	7	6	5	↓	4	3	↑	2	1																																																											
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" rowspan="2">FIRST HIGHER ASS'TY E-AD-7022679-0-DBU</td><td rowspan="2">THIRD ANGLE PROJECTION</td><td>DRA. M. JOSEPH</td><td>DATE 10MAY85</td><td colspan="2">TITLE digital</td></tr> <tr> <td>C.H.D. C. LARSEN/A.R.</td><td>DATE 13SEP85</td><td colspan="2"></td></tr> <tr> <td colspan="2">DO NOT SCALE DRAWING</td><td>DES. ENG. AL RAMIREZ</td><td>DATE 20SEP85</td><td colspan="2"></td></tr> <tr> <td colspan="2">REMOVE BURRS AND BREAK SHARP CORNERS</td><td>RESP. ENG. AL RAMIREZ</td><td>DATE 20SEP85</td><td colspan="2"></td></tr> <tr> <td colspan="2">MATERIAL 48ABBA-AA 24 GA. 1.0241THK C.R.S.</td><td>MFG. ENG. D. HINES</td><td>DATE 20SEP85</td><td colspan="2"></td></tr> <tr> <td colspan="2">FINISH 092-B055-XXX</td><td>TOP DOC. D-MD-7432422-0-DBU</td><td>TOP DOC. D-MD-7432422-0-DBU</td><td>SIZE CODE D</td><td>NUMBER 7432422-0-DBU</td><td>REV. A</td></tr> <tr> <td colspan="2"></td><td></td><td></td><td>SCALE 1/1</td><td>SHEET 1 OF 1</td><td></td></tr> </table>										FIRST HIGHER ASS'TY E-AD-7022679-0-DBU		THIRD ANGLE PROJECTION	DRA. M. JOSEPH	DATE 10MAY85	TITLE digital		C.H.D. C. LARSEN/A.R.	DATE 13SEP85			DO NOT SCALE DRAWING		DES. ENG. AL RAMIREZ	DATE 20SEP85			REMOVE BURRS AND BREAK SHARP CORNERS		RESP. ENG. AL RAMIREZ	DATE 20SEP85			MATERIAL 48ABBA-AA 24 GA. 1.0241THK C.R.S.		MFG. ENG. D. HINES	DATE 20SEP85			FINISH 092-B055-XXX		TOP DOC. D-MD-7432422-0-DBU	TOP DOC. D-MD-7432422-0-DBU	SIZE CODE D	NUMBER 7432422-0-DBU	REV. A					SCALE 1/1	SHEET 1 OF 1																	
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LEGEND

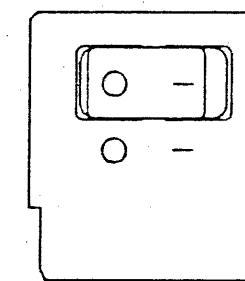
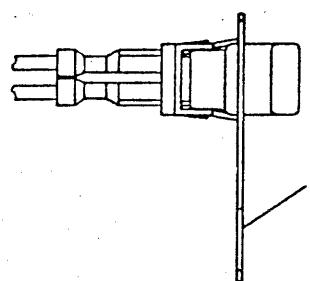
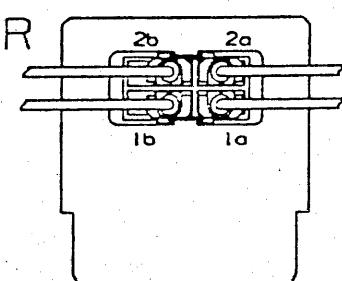
PART NO	REV.	DESCRIPTION
7022620-01	A01	AS SHOWN
7022620-02	A01	AS SHOWN

NOTE:

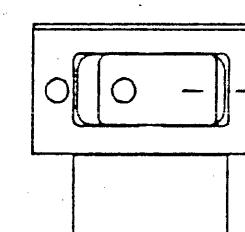
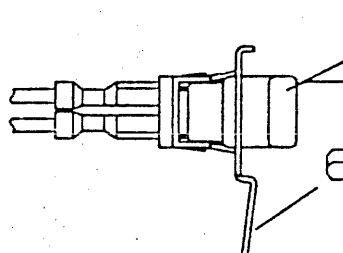
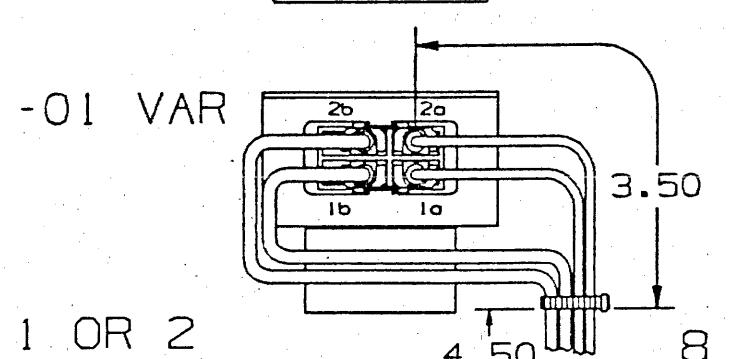
WIRE TABLE

ITEM NO	DESCRIPTION	FROM	TO
	AWG	COLOR	CONNECTION
1 OR 2	18	BRN	-
1 OR 2	18	BLU	-
3 OR 4	18	BRN	P501-1/P801-1
3 OR 4	18	BLU	P501-3/P801-3

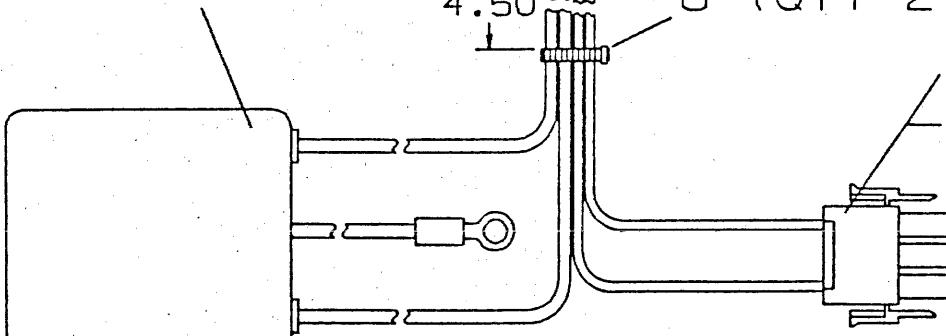
-02 VAR



-01 VAR



1 OR 2



3 P501 (7022620-01)
4 P801 (7022620-02)

CAUTION : OFF SHEET PARTS LIST EXISTS.
SEE K-PL-7022620-0-DBP
(GH304A.PLS)

REVISION HISTORY	
REV	ECO NUMBER
	DATE
	21-JAN
RELEASED	

DESCRIPTION	DRAWING NO.	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD J141)			
INCHES TOLERANCES	ANGLES TO-90°	APPLICABLE DIMENSION RANGE	DIMENSIONS RANGE IN INCHES
.02 .03 .04 .05 .06 .07 .08 .09 .10 .11 .12 .13 .14 .15 .16 .17 .18 .19 .20 .21 .22 .23 .24 .25 .26 .27 .28 .29 .30 .31 .32 .33 .34 .35 .36 .37 .38 .39 .40 .41 .42 .43 .44 .45 .46 .47 .48 .49 .50 .51 .52 .53 .54 .55 .56 .57 .58 .59 .60 .61 .62 .63 .64 .65 .66 .67 .68 .69 .70 .71 .72 .73 .74 .75 .76 .77 .78 .79 .80 .81 .82 .83 .84 .85 .86 .87 .88 .89 .90 .91 .92 .93 .94 .95 .96 .97 .98 .99 .00 .01 .02 .03 .04 .05 .06 .07 .08 .09 .000 .001 .002 .003 .004 .005 .006 .007 .008 .009 .010 .011 .012 .013 .014 .015 .016 .017 .018 .019 .0100 .0101 .0102 .0103 .0104 .0105 .0106 .0107 .0108 .0109 .0110 .0111 .0112 .0113 .0114 .0115 .0116 .0117 .0118 .0119 .01100 .01101 .01102 .01103 .01104 .01105 .01106 .01107 .01108 .01109 .01110 .01111 .01112 .01113 .01114 .01115 .01116 .01117 .01118 .01119 .011000 .011001 .011002 .011003 .011004 .011005 .011006 .011007 .011008 .011009 .011010 .011011 .011012 .011013 .011014 .011015 .011016 .011017 .011018 .011019 .0110000 .0110001 .0110002 .0110003 .0110004 .0110005 .0110006 .0110007 .0110008 .0110009 .0110010 .0110011 .0110012 .0110013 .0110014 .0110015 .0110016 .0110017 .0110018 .0110019 .01100000 .01100001 .01100002 .01100003 .01100004 .01100005 .01100006 .01100007 .01100008 .01100009 .01100010 .01100011 .01100012 .01100013 .01100014 .01100015 .01100016 .01100017 .01100018 .01100019 .011000000 .011000001 .011000002 .011000003 .011000004 .011000005 .011000006 .011000007 .011000008 .011000009 .011000010 .011000011 .011000012 .011000013 .011000014 .011000015 .011000016 .011000017 .011000018 .011000019 .0110000000 .0110000001 .0110000002 .0110000003 .0110000004 .0110000005 .0110000006 .0110000007 .0110000008 .0110000009 .0110000010 .0110000011 .0110000012 .0110000013 .0110000014 .0110000015 .0110000016 .0110000017 .0110000018 .0110000019 .01100000000 .01100000001 .01100000002 .01100000003 .01100000004 .01100000005 .01100000006 .01100000007 .01100000008 .01100000009 .01100000010 .01100000011 .01100000012 .01100000013 .01100000014 .01100000015 .01100000016 .01100000017 .01100000018 .01100000019 .011000000000 .011000000001 .011000000002 .011000000003 .011000000004 .011000000005 .011000000006 .011000000007 .011000000008 .011000000009 .011000000010 .011000000011 .011000000012 .011000000013 .011000000014 .011000000015 .011000000016 .011000000017 .011000000018 .011000000019 .0110000000000 .0110000000001 .0110000000002 .0110000000003 .0110000000004 .0110000000005 .0110000000006 .0110000000007 .0110000000008 .0110000000009 .0110000000010 .0110000000011 .0110000000012 .0110000000013 .0110000000014 .0110000000015 .0110000000016 .0110000000017 .0110000000018 .0110000000019 .01100000000000 .01100000000001 .01100000000002 .01100000000003 .01100000000004 .01100000000005 .01100000000006 .01100000000007 .01100000000008 .01100000000009 .01100000000010 .01100000000011 .01100000000012 .01100000000013 .01100000000014 .01100000000015 .01100000000016 .01100000000017 .01100000000018 .01100000000019 .011000000000000 .011000000000001 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.01100000000000017 .01100000000000018 .01100000000000019 .011000000000000000 .011000000000000001 .011000000000000002 .011000000000000003 .011000000000000004 .011000000000000005 .011000000000000006 .011000000000000007 .011000000000000008 .011000000000000009 .011000000000000010 .011000000000000011 .011000000000000012 .011000000000000013 .011000000000000014 .011000000000000015 .011000000000000016 .011000000000000017 .011000000000000018 .011000000000000019 .0110000000000000000 .0110000000000000001 .0110000000000000002 .0110000000000000003 .0110000000000000004 .0110000000000000005 .0110000000000000006 .0110000000000000007 .0110000000000000008 .0110000000000000009 .0110000000000000010 .0110000000000000011 .0110000000000000012 .0110000000000000013 .0110000000000000014 .0110000000000000015 .0110000000000000016 .0110000000000000017 .0110000000000000018 .0110000000000000019 .01100000000000000000 .01100000000000000001 .01100000000000000002 .01100000000000000003 .01100000000000000004 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AUTOMATED BY VAXKPL (V1.3)

PARTS LIST

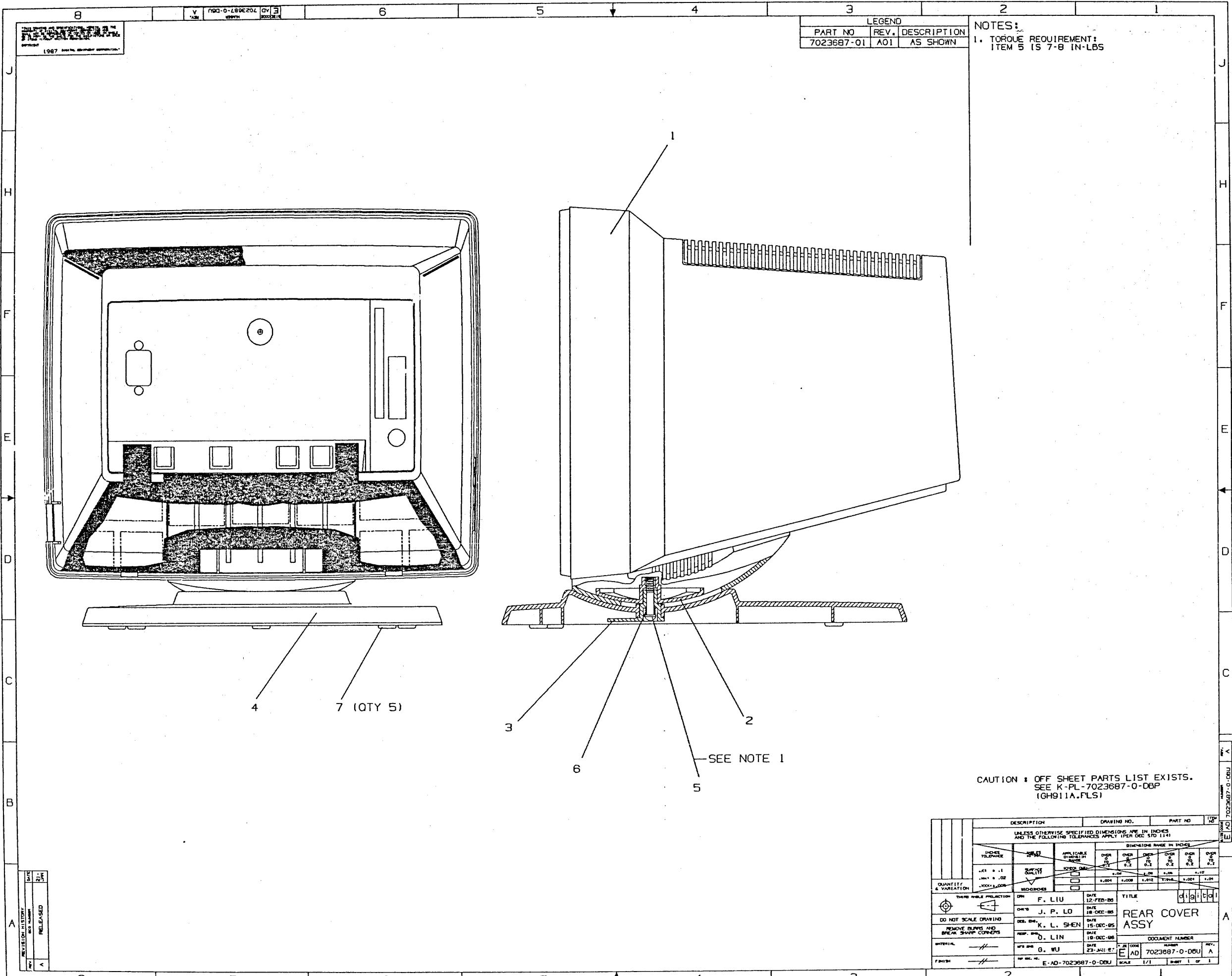
SHEET A1 OF A1

QUANTITY PER VARIATION/REVISION

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	01 A1	02 A1
1	1 B-IA-7023755-0-DBU	70-23755-01	A	FILTER ASSY	1	-
2	2 B-IA-7023755-0-DBU	70-23755-02	A	FILTER ASSY	-	1
3	3 C-IA-7024292-0-DBU	70-24292-01	A	PWR WIRE ASSY	1	-
4	4 C-IA-7024292-0-DBU	70-24292-02	A	PWR WIRE ASSY	-	1
5	5 B-MD-7432631-0-DBU	74-32631-01	A	BRACKET, POWER SWITCH	-	1
6	6 C-MD-7432952-0-DBU	74-32952-01	A	BRACKET, POWER SWITCH	1	-
7		12-26116-01		SW,RKR, DPST 16A12	1	1
8	8	90-09996-00		TIE,CABLE PRELOADED MAG.100 EA	2	-

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: 29-APR-86
---	INITIAL	A	[A] 01,02	!CHK'D: J. P. LO
			[B]	!DATE: 18-DEC-86
			[C]	!DES.ENG: J. KUO
			[D]	!DATE: 29-APR-86
			[E]	!RESP.ENG.: O. LIN
			[F]	!DATE: 18-DEC-86
			[H]	!MFG.ENG: G. WU
			[J]	!DATE: 26-JAN-87
				RELEASE DATE: 18-FEB-87
				RELEASE STATUS: RELEASED
			BASIC PART NUMBER: 7022620	!ASSEMBLY NUMBER: !C-AD-7022620-0-DBU
				!TOP DOCUMENT NUMBER: !C-AD-7022620-0-DBU
				!FILE NAME: !GH304A.PLS
				!EDIT # 12

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PARTS LIST

SHEET A1 OF A1

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION
1	1 E-IA-7024042-0-DBU	70-24042-01	A	REAR ENCLOSURE/SCREEN ASSY	1
2	2 C-IA-7432392-0-DBU	74-32392-01	A	BRAKE, SWIVEL	1
3	3 C-MD-7432557-0-DBU	74-32557-01	A	PIVOT, SWIVEL	1
4	4 E-MD-7433476-0-DBU	74-33476-01	A	BASE, SWIVEL	1
5	5	12-26952-01		SCREW, THD RL PHIL F/METAL	1
6	6	12-26967-01		SPRING, SWIVEL	1
7	7	12-26968-01		BUMPER RUBBER	5

REVISION HISTORY

KPL MATRIX FORMAT!SECTION A OF A!DRN: F. LIU

ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX	DATE: 28-FEB-86	D I G I T A L
				CHK'D: J. P. LO	TITLE PARTS LIST
---	INITIAL	A	[A] 01	DATE: 18-DEC-86	REAR COVER ASSY
			[B]		
			[C]		
			[D]	DES. ENG: K. L. SHEN	DOCUMENT NUMBER
			[E]	DATE: 28-FEB-86	SIZE CODE NUMBER REV
			[F]	RESP. ENG.: O. LIN	K PL 7023687-0-DBP A
			[H]	DATE: 18-DEC-86	
			[J]	MFG. ENG: GORDON WU	RELEASE DATE: 18-FEB-87
				DATE: 26-JAN-87	RELEASE STATUS: RELEASED
			BASIC PART NUMBER:	ASSEMBLY NUMBER:	FILE NAME: EDIT #
			7023687	E-AD-7023687-0-DBU	E-AD-7023687-0-DBU GH911A.PLS 2

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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 C-IA-7020773-0-0	70-20773-01	A	LED ASSY	1	1
2	2 C-AD-7022618-0-DBU	70-22618-02	A	CONTROL/BRACKET ASSY	1	1
3	3 C-AD-7022620-0-DBU	70-22620-02	A	INLET/SWITCH ASSY	1	1
4	4 E-AD-7023686-0-DBU	70-23686-01	A	CHASSIS ASSY	1	1
5	5 D-IA-7023719-0-DBU	70-23719-01	A	DEGAUSS COIL ASSY	1	1
6	6 B-IA-7023727-0-DBU	70-23727-01	A	GND STRAP ASSY	1	1
7	7 B-IA-7023735-0-DBU	70-23735-01	A	CRT GROUND CABLE ASSY	1	1
8	8 E-MD-7432411-0-DBU	74-32411-01	A	BEZEL, FRONT	1	1
9	9 B-IA-7433851-0-DBU	74-33851-01	A	LOGO, DIGITAL	1	1
10	10 B-IA-7434079-0-DBU	74-34079-01	A	NAMEPLATE, VT340	1	1
11	11 C-MD-7434218-0-DBU	74-34218-01	A	SHIELD, EMI FILTER	1	1
12	12	12-26940-01		WASHER, LOCK	4	4
13	13	12-27246-01		CRT, 14" 0.31MM DOT PITCH HI RESOLU	1	-
14	14	12-27246-02		CRT, 14" 0-31MM DOT PITCH HIGH RESO	-	1
15	15	36-10267-00		LABEL, DANGER HIGH VOLTAGE, SMOOTH	1	1
16	16	90-00049-24		SCREW, SEMS PAN PHIL 6-32	3	3
17	17	90-06565-00		NUT, HEX EXT TOOTH LCKWSHR 10-32X	1	1
18	18	90-09279-03		SPRING, EXTENSION .1800DX1.25 LG	2	2
19	19	90-09800-14		SCREW, THD RL, PAN PHIL F/PLAS	1	4
20	20	90-09800-15		SCREW, THD RL, PAN PHIL F/PLAS	1	4
21	21	90-10196-00		WASHER, FLAT CS	4	4
22	22	90-10792-01		CLIP, CABLE CRT	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			CHK'D:	J. P. LO	TITLE PARTS LIST
---	INITIAL	A	[A] 01,02			DATE: 08-JAN-86		BEZEL/CRT/CHASSIS ASSY
			[B]					DOCUMENT NUMBER
			[C]			DES.ENG:	K. L. SHEN	
			[D]			DATE:	28-FEB-86	
			[E]					
			[F]			RESP.ENG.:	O. LIN	
			[H]			DATE:	08-JAN-86	
			[J]			MFG.ENG:	GORDON WU	RELEASE DATE: 18-FEB-87
						DATE:	26-JAN-87	RELEASE STATUS: RELEASED
			BASIC PART NUMBER:	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:	EDIT #	
			7023688	E-AD-7023688-0-DBU	E-AD-7023688-0-DBU	GH912A.PLS	32	

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LEGEND

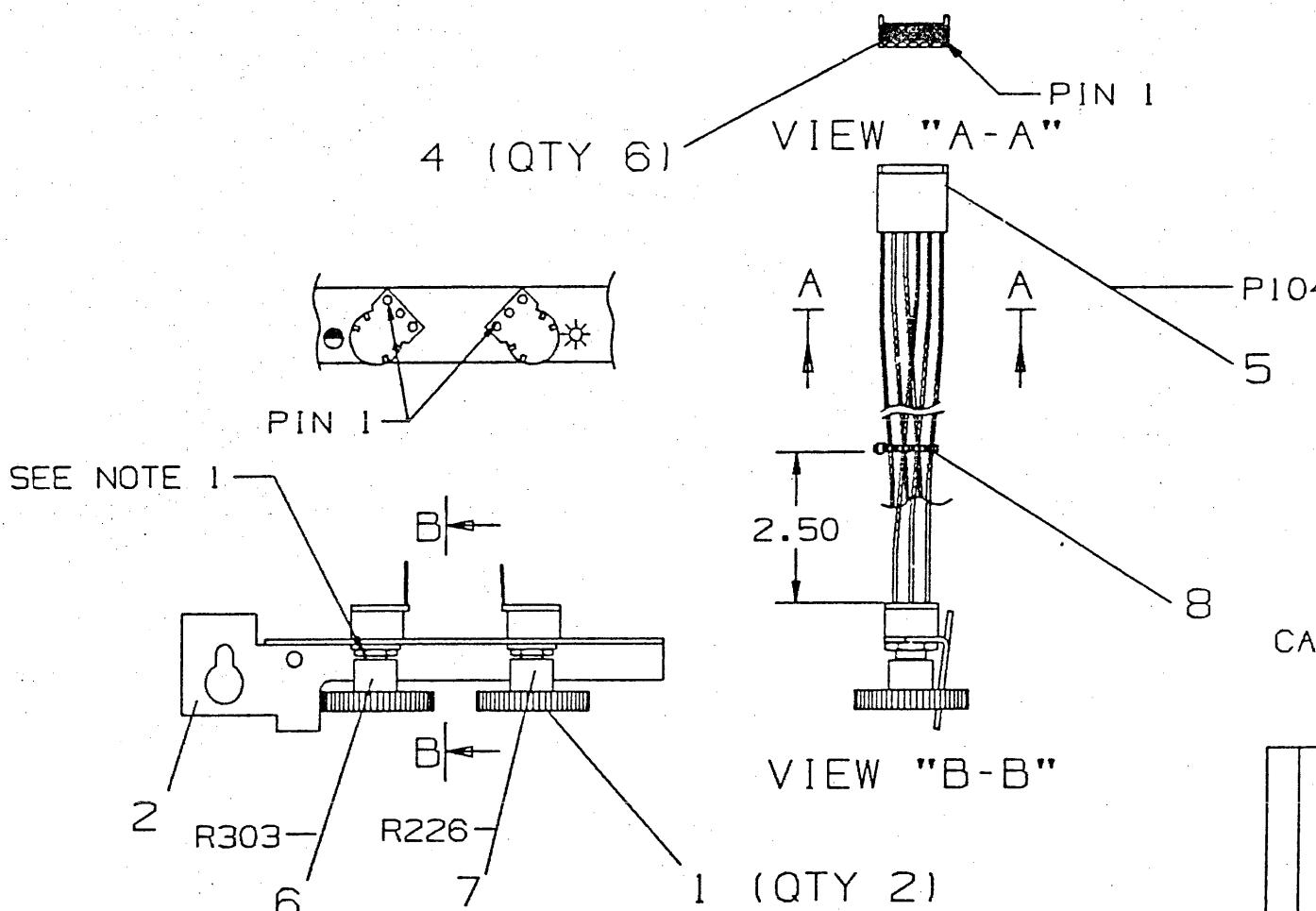
PART NO	REV.	DESCRIPTION
7022618-01	A01	SEE SHT 1 OF 2
7022618-02	A01	SEE SHT 2 OF 2

NOTES:

- I. TORQUE REQUIREMENT:**
4-6 IN-LBS FOR ITEM 6 & 7

WIRE TABLE

ITEM	DESCRIPTION		FROM		TO		PRECUT LENGTH +.50/- .00	
	NO	AWG	COLOR	CONNECTION	WITH	CONNECTION	WITH	
9	22	BLK	P104-1	5	X	R226-3	SOLDER	5.00
10	22	BRN	P104-2	5	X	R226-2	SOLDER	5.00
11	22	RED	P104-3	5	X	R226-1	SOLDER	5.00
12	22	ORN	P104-5	5	O	R303-3	SOLDER	5.00
13	22	YEL	P104-4	5	O	R303-2	SOLDER	5.00
14	22	GRN	P104-6	5	O	R303-1	SOLDER	5.00



CAUTION : OFF SHEET PARTS LIST EXISTS.
SEE K-PL-7022618-0-DBP
(GH302A.PLS)

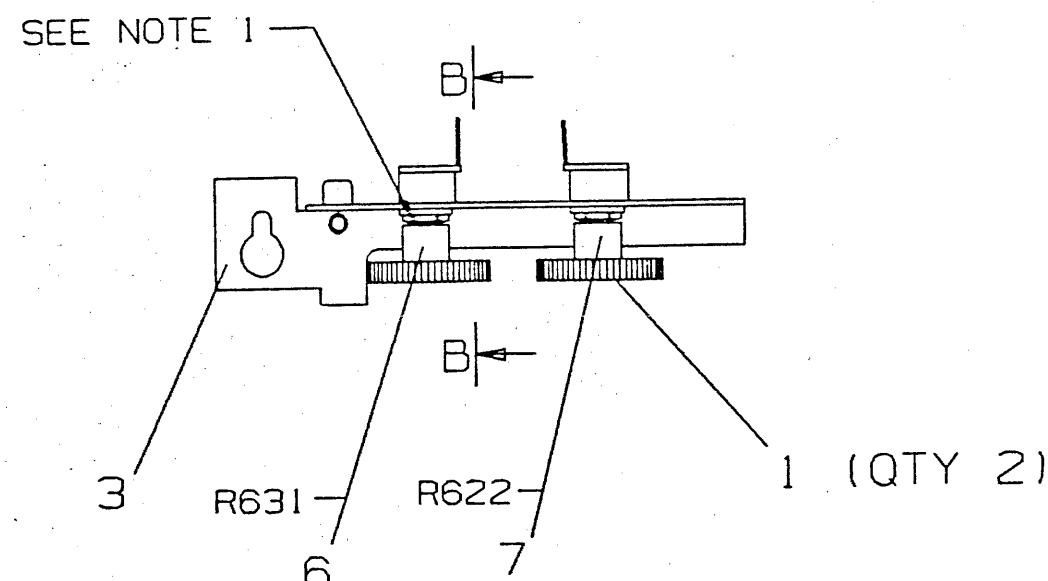
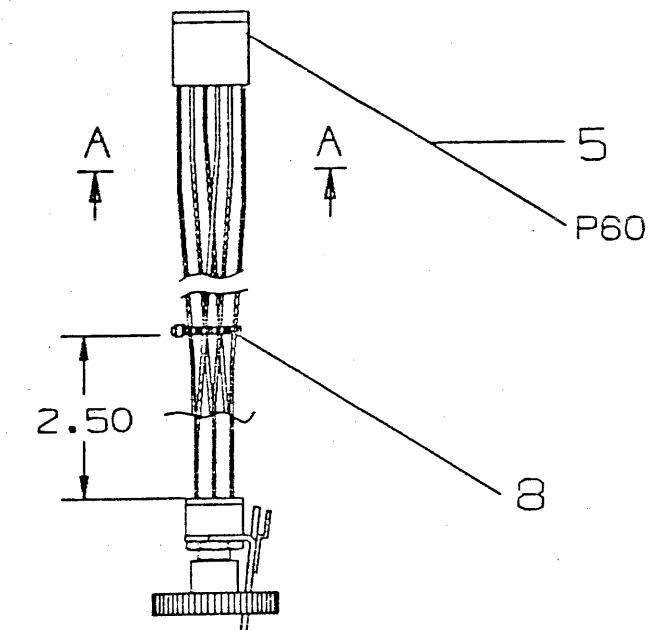
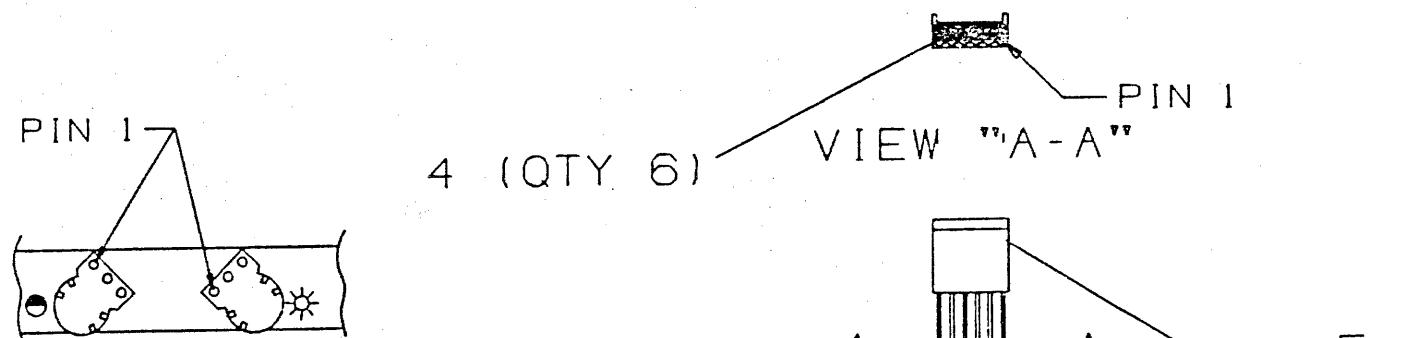
			DESCRIPTION	DRAWING NO.		PART NO.		ITEM NO.				
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 1141)								
				INCHES TOLERANCES	ANGLES TO-30°	APPLICABLE E DIMENSION RANGE (CHECK ONE)	DIMENSIONS RANGE IN INCHES					
QUANTITY & VARIATION	X1 XX1 XXX1	A.1 A.02 A.005	SURFACE QUALITY	OVER 0 TO 0.14	OVER 0.2 TO 1.2	OVER 1.2 TO 4.0	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0	OVER 40.0 TO 80.0			
			MICRO INCHES	.004	.006	.012	.044	.024	.04			
THIRD ANGLE PROJECTION				DRW	J. N. LIN	DATE 29-APR-86		TITLE		digital		
DO NOT SCALE DRAWING				CHK'D	J. P. LO	DATE 18-DEC-86		CONTROL /		BRKT ASSY		
REMOVE BURRS AND BREAK SHARP CORNERS				DES'D	J. KUO	DATE 29-APR-86		DOCUMENT NUMBER				
MATERIAL				RESP'D	O. LIN	DATE 18-DEC-86		SIZE		CODE	NUMBER	REV
FINISH				MFG'D	G. WU	DATE 23-JAN-87		C		AD	7022618-0-DBU	A
				TOP DOC. NO.	C-AD-7022618-0-DBU		SCALE	NONE		SHEET	1	or 2

REVISION HISTORY		DATE
REV	ECO NUMBER	
A	RELEASED	21-JAN

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WIRE TABLE

ITEM NO.	AWG	COLOR	FROM CONNECTION		TO CONNECTION		PRECUT LENGTH +.50/- .00
			WITH	P601-6	WITH	R622-3	
9	22	BLK			5	Ø R622-3	SOLDER 8.50
10	22	BRN			5	Ø R622-2	SOLDER 8.50
11	22	RED			5	Ø R622-1	SOLDER 8.50
12	22	ORN			5	Ø R631-3	SOLDER 8.50
13	22	YEL			5	Ø R631-2	SOLDER 8.50
14	22	GRN			5	Ø R631-1	SOLDER 8.50



DATE	ECO NUMBER	REV
REVISION HISTORY		

DOCUMENT NUMBER		
SIZE	CODE	NUMBER
C	AD	7022618-0-DBU
REV.		
A		
SCALE NONE		
SHEET 2 OF 2		

TITLE

CONTROL/
BRKT ASSY

AUTOMATED BY VAXKPL (V1.3)

P A R T S L I S T

SHEET A1 OF A1

QUANTITY PER VARIATION/REVISION

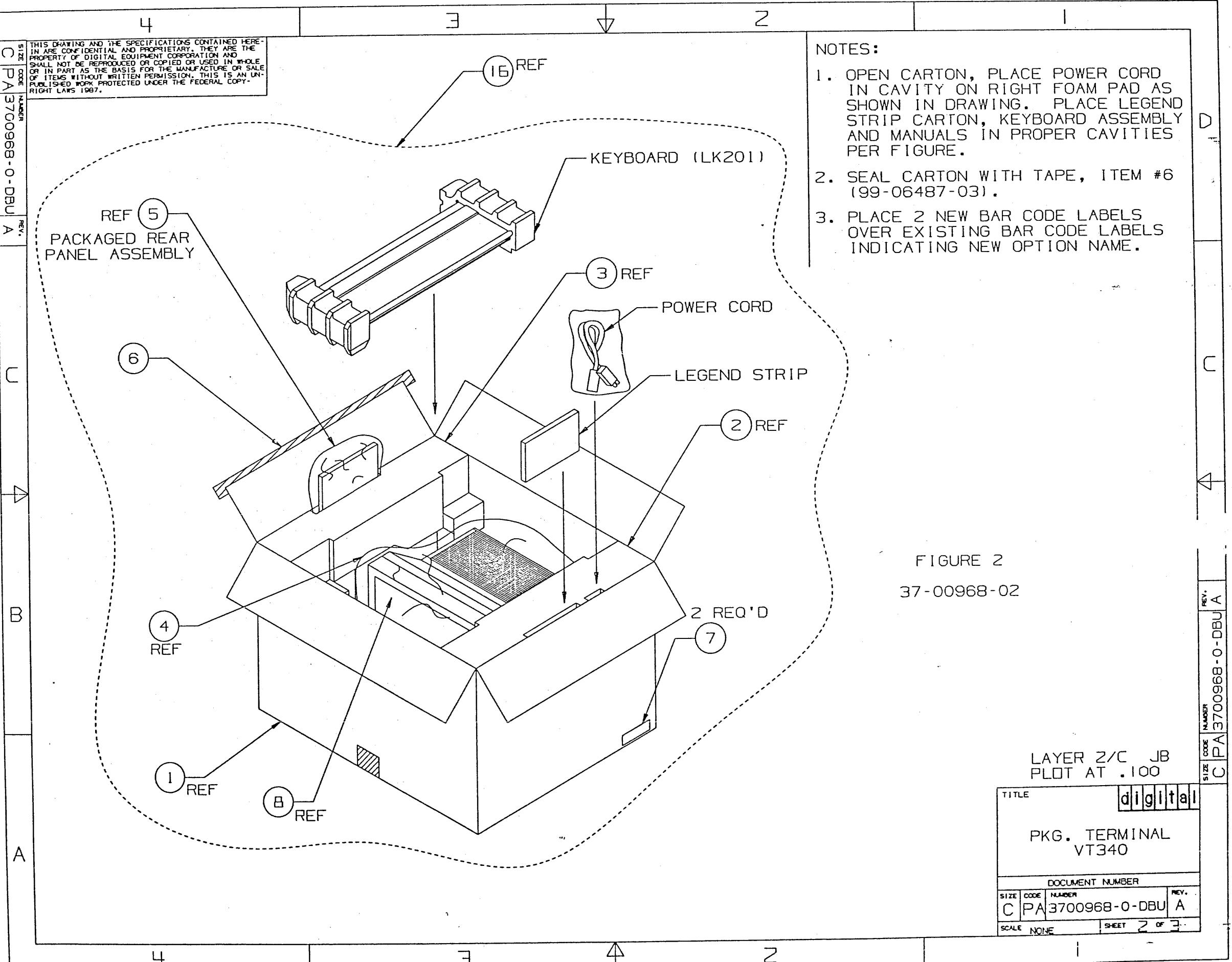
LINE	ITEM	TOP DOCUMENT	PART NUMBER	REV	MIN	DESCRIPTION	01	02
							A1	A1
1	1	C-MD-7432393-0-DBU	74-32393-01	A	THUMBWHEEL		2	2
2	2	C-IA-7432396-0-DBU	74-32396-01	A	BRKT W/O CONN		1	-
3	3	C-IA-7432396-0-DBU	74-32396-02	A	BRACKET,W/CONNECTOR		-	1
4	4		12-14979-01		CONN,P+S 02PIN 30-22AWG .06		6	E
5	5		12-15322-00		CONN,P+S 06POS(1X06).100CC HSG		1	1
6	6		13-27574-01		10.0 K .05 W20.0 % POT		1	1
7	7		13-27574-02		50.0 K .05 W20.0 % POT		1	1
8	8		90-09996-00		TIE,CABLE PRELOADED MAG.100 EA		1	1
9	9	SEE NOTE 1	91-07900-00		WIRE, 22AWG(07/30) PVC 300V 8		6	S
10	10	SEE NOTE 1	91-07900-11		WIRE, 22AWG(07/30) PVC 300V 8		6	S
11	11	SEE NOTE 1	91-07900-22		WIRE, 22AWG(07/30) PVC 300V 8		6	S
12	12	SEE NOTE 1	91-07900-33		WIRE, 22AWG(07/30) PVC 300V 8		6	S
13	13	SEE NOTE 1	91-07900-44		WIRE, 22AWG(07/30) PVC 300V 8		6	S
14	14	SEE NOTE 1	91-07900-55		WIRE, 22AWG(07/30) PVC 300V 8		6	S

1 GEN: QTY FOR ITEMS 9 THRU 14 IS IN INCHES

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: 29-APR-86		
---	INITIAL	A	[A]	01,02	CHK'D: J. P. LO	TITLE PARTS LIST	
			[B]		DATE: 18-DEC-86	CONTROL/BRACKET ASSY	
			[C]		DES.ENG: J. KUO	DOCUMENT NUMBER	
			[D]		DATE: 29-APR-86	SIZE CODE NUMBER REV	
			[E]				
			[F]		RESP.ENG.: O. LIN		
			[H]		DATE: 18-DEC-86	K PL 7022618-0-DBP A	
			[J]		MFG.ENG: GORDON WU	RELEASE DATE: 18-FEB-87	
					DATE: 26-JAN-87	RELEASE STATUS: RELEASED	
			BASIC PART NUMBER:	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:	EDIT #
			7022618	C-AD-7022618-0-DBU	C-AD-7022618-0-DBU	IGH302A.PLS	33

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		<p style="margin: 0;">NOTES:</p> <ol style="list-style-type: none"> 1. PLACE VT340, ITEM #8, INTO POLYETHYLENE BAG, ITEM #4 (99-06104-35), AND SEAL BY HEAT OR TAPE, ITEM #6 (99-06487-03). 2. SET UP CARTON, ITEM #1 (99-07966-01) AND TAPE BOTTOM WITH CARTON SEALING TAPE, ITEM #6 (99-06487-03). 3. PLACE THE CAVITY OF THE RIGHT PRE-MOLDED FOAM PAD, ITEM #2 (99-08074-01), ONTO THE SIDE OF THE TERMINAL. PLACE THE CAVITY OF THE LEFT PRE-MOLDED FOAM PAD, ITEM #3 (99-08074-02), ONTO THE OTHER SIDE OF THE TERMINAL. 4. PLACE TERMINAL WITH CUSHIONS INTO CARTON. 5. PLACE REAR PANEL ASSEMBLY INTO POLYETHYLENE BAG, ITEM #5 (99-05128-74). PLACE THE PACKAGED REAR PANEL ASSEMBLY INTO THE CAVITY ON THE LEFT FOAM PAD AS SHOWN IN DRAWING. 6. PLACE TWO BAR CODE LABELS, ITEM #7 (36-18460-06), ONTO THE PREDESIGNATED LOCATIONS ON THE CARTON. 7. WHEN SPECIFIED IN THE PRODUCT KPL, PLACE MANUALS BETWEEN FOAM PADS AS SHOWN IN DRAWING. 8. SEAL CARTON WITH POLYPROPYLENE STRAPS, ITEM #9 (99-05734-03). 																												
	<p>FIGURE 1</p> <p>37-00968-01</p>																													
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