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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			
K-PL-VT340-0-DBP	PARTS LIST		E-AD-7023688-0-DBU	ASSY DWG, BEZEL / CRT / CHASSIS ASSY
B-DD-5416963-0-0	DWG DIR, VIDEO AMPLIFIER MODULE		K-PL-7023688-0-DBP	PARTS LIST
K-PL-5416963-0-DBP	PARTS LIST		C-AD-7022618-0-DBU	ASSY DWG, CONTROL / BRKT ASSY
D-UA-5416963-0-0	UNIT ASSY		K-PL-7022618-0-DBP	PARTS LIST
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

DATE 2 FEB 87 | TITLE: TABLE OF CONTENTS  
DATE 3 Feb 87 | VT340 COLOR GRAPHIC TERMINAL

Top Doc No. K-DD-VT3

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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		A	B
K-PL-VT340-0-DBP	PARTS LIST		A	B
K-TC-VT340-0-1	TABLE OF CONTENTS			
MP-02412-01	FIELD MAINT PRINT SET		REF	REF

**DRAWING DIRECTORY REVISION**

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NOTES:

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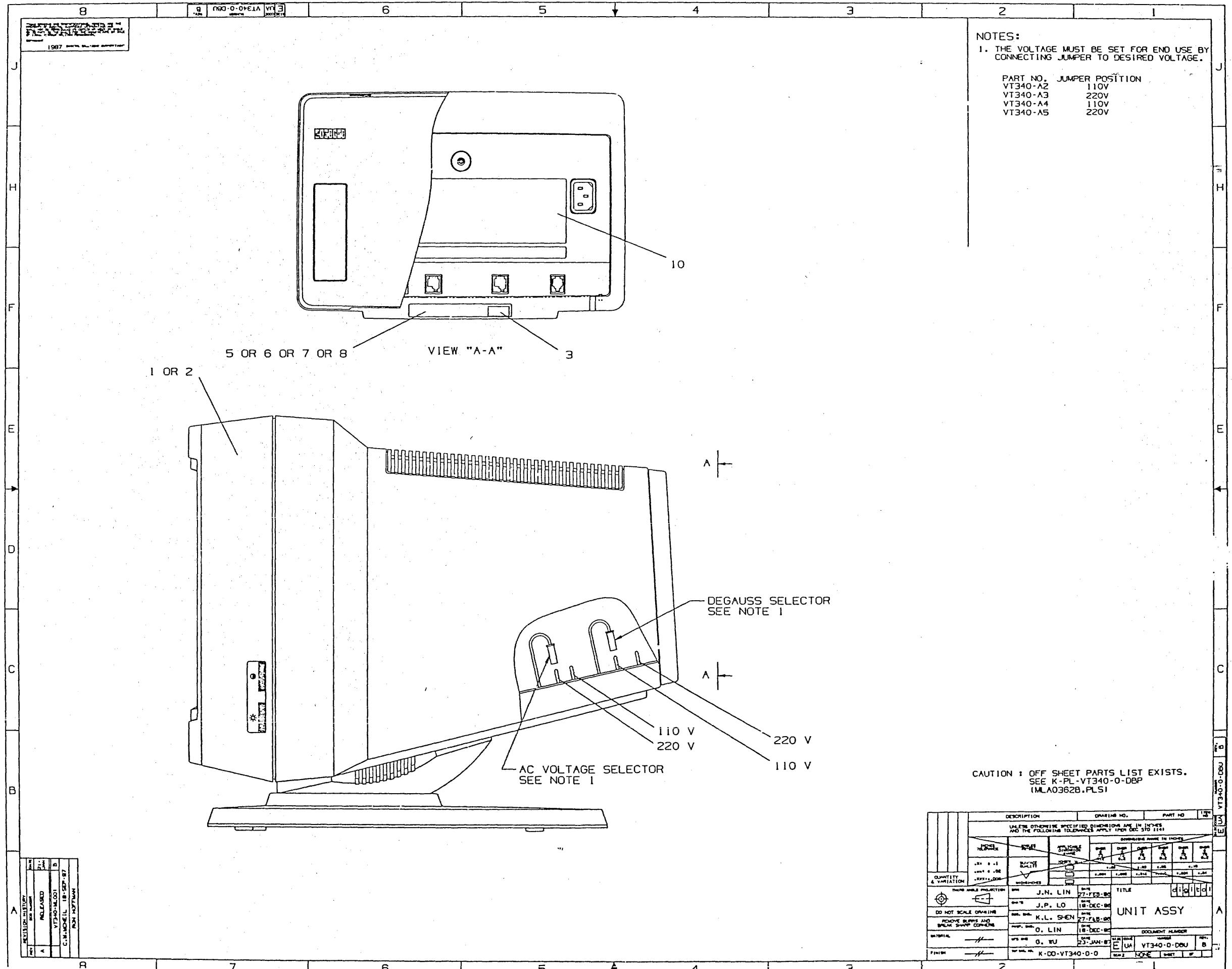
DOCUMENT/PART NO.	DESCRIPTION		DOCUMENT/PART REVISIONS
VT330-A2	GRAPHICS TERM, MONOCHRM, WHITE PHSPHR, 120V (NO KYBD)	A1 B1	
VT330-A3	GRAPHICS TERM, MONOCHRM, WHITE PHSPHR, 240V (NO KYBD)	A1 B1	
VT330-B2	GRAPHICS TERM, MONOCHRM, GREEN PHSPHR, 120V (NO KYBD)	A1 B1	
VT330-B3	GRAPHICS TERM, MONOCHRM, GREEN PHSPHR, 240V (NO KYBD)	A1 B1	
VT330-C2	GRAPHICS TERM, MONOCHRM, AMBER PHSPHR, 120V (NO KYBD)	A1 B1	
VT330-C3	GRAPHICS TERM, MONOCHRM, AMBER PHSPHR, 240V (NO KYBD)	A1 B1	
K-PL-VT330-0-DBP	PARTS LIST	A	B
E-UA-VT330-0-DBU	UNIT ASSY	A	A
K-TC-VT330-0-1	TABLE OF CONTENTS	A	A
MP-02411-01	FIELD MAINT PRINT SET	REF	REF

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Environ Biol Fish (2007) 79:1–10

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REVISION HISTORY											
DATE	ECO NUMBER	REV	DATE	ECO NUMBER	REV	DATE	ECO NUMBER	REV	DATE	ECO NUMBER	REV
3-FEB-87	INITIAL	A		ML001	B						
<hr/>											
d	i	g	i	t	a	i	DRN: Bruce Harvey	DATE 3 FEB 87	TITLE: DRAWING DIRECTORY,		
							CHK'D: Oliver Lin	DATE 3 FEB 87	VT330 GRAPHICS TERMINAL		
							DES.ENG: Oliver Lin	DATE 3 FEB 87	-----		
							RES. ENG: Oliver Lin	DATE 3 FEB 87	SECTION	SHEET	DOCUMENT NUMBER
							MFG. ENG: Oliver Lin	DATE 2 FEB 87	1 OF 1	1 OF 1	REV B



AUTOMATED BY VAXKPL (V1.3)

## P A R T S      L I S T

SHEET A1 OF A1

LINE	ITEM	TOP DOCUMENT	PART NUMBER	REV	MIN 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		
ENG!	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 28-FEB-86			
---	INITIAL	A	[A]	A2,A3,A4,A5	CHK'D: J. P. LO	TITLE PARTS LIST		
RH	VT340-ML001	B	[B]		DATE: 18-DEC-86	UNIT ASSY		
		C	[C]		DES.ENG: K.L. SHEN			
		D	[D]		DATE: 28-FEB-86			
		E	[E]			DOCUMENT NUMBER		
		F	[F]			SIZE!CODE! NUMBER ! REV		
		H	[H]		RESP.ENG.: O. LIN			
		J	[J]		DATE: 18-DEC-86	K PL VT340-0-DBP B		
					MFG.ENG: GORDON WU	RELEASE DATE: 21-SEP-87		
					DATE: 26-JAN-87	RELEASE STATUS: RELEASED		
			BASIC PART NUMBER:		ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:	EDIT #
			VT340		E-UA-VT340-0-DBU	K-DD-VT340-0	MLA0362B.PLS	3

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B	SIZE	CODE	CD	B	REV
	NUMBER	5416963-0-0			

DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS																							
				A1	A2																						
		54-16963-01	VIDEO AMPLIFIER MODULE																								
D-UA-5416963-0-0	1		UNIT ASSY	A	A																						
B-CS-5416963-0-1	4		SCHEMATIC	A	A																						
K-PL-5416963-0-DBP	2		PARTS LIST	A	B																						
K-PC-5416963-0-DBV	1		P.C. DESIGN DATA BASE	A	A																						
K-CS-5416963-0-DBX	1		VALID DATA BASE	A	A																						
		50-16962-01	ETCH CIRCUIT BOARD	F1	F1																						
B-DD-5016962-0-0	1		DRAWING DIRECTORY	A	A																						
<b>NOTES:</b>																											
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DATE	ECO NO.	REV.																									
JAN 787		A																									
10/87	MLO01	B																									

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**digital**

1987

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>B</b>	CODE <b>DD</b>	NUMBER 5416963-0-0	REV. <b>B</b>
MFG. ENG.	<i>Sam L. Turner</i>	DATE 6 Feb 87			SHEET 1 OF 1	

AUTOMATED BY VAXKPL (V1.3)

## PARTS LIST

SHEET A1 OF A2

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
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,
6	6		10-16571-00	0.020MFD 500V +80/-20% Z5U	6	CONT C401,C414,C415
7	7		10-18000-25	220 MFD 16V +/-20% ALU	2	C218,C221,C318,C321,C418,C421
8	8		10-18000-29	10 MFD 25V +75/-20% ALU	4	C205,C206
9	9		10-18000-32	10 MFD 160V +50/-20% ALU	7	C200,C217,C317,C417
10	10		10-26683-02	0.47 MFD 160V +/- 5% MET.	3	C220,C222,C223,C320,C322,C420,
11	11		11-16475-00	PIV= 75 - 4NS 1N4148	12	CONT C422
12	12		12-13071-06	INSULATOR,RUBBER SILICONE	3	C219,C319,C419
13	13		12-27281-01	HEATSINK	3	D212-D215,D312-D315,D412-D415
14	14		12-27247-03	PCB HEADER 16PIN(2X08).100CC 90D	1	H208,H308,H408
15	15		12-27325-04	PCB HEADER 07POS(1X07).156CC STR	1	J200
16	16		13-00228-00	100.0 .50 W 5.0 % CF	3	J204
17	17		13-00247-00	120.0 .25 W 5.0 % CF	3	R233,R333,R433
18	18		13-00271-00	220.0 .25 W 5.0 % CF	15	R223,R323,R423
19	19		13-00365-00	1.0 K .25 W 5.0 % CF	20	R228-R231,R251,R328-R331,R351,
20	20		13-00391-00	1.50 K .25 W 5.0 % CF	3	CONT R428-R431,R451
21	21		13-00426-00	2.70 K .25 W 5.0 % CF	1	R200,R203-R205,R256-R259,R303,
22	22		13-00439-00	3.30 K .25 W 5.0 % CF	5	CONT R304,R356-R359,R403,R404,
23	23		13-01401-00	750.0 .25 W 5.0 % CF	12	CONT R456-R459
24	24		13-01969-00	22.0 .25 W 5.0 % CF	6	R250,R350,R450
25	25		13-10881-01	330.0 .25 W 1.0 % MF FUS	3	R301
26	26		13-12992-00	560.0 K .25 W 5.0 % CF	3	R201,R202,R302,R401,R402
27	27		13-13590-00	1.50 K .25 W 1.0 % RN55D-F10	6	R252-R255,R352-R355,R452-R455
						R248,R249,R348,R349,R448,R449
						R232,R332,R432
						R236,R336,R436
						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			
--	INITIAL	A	[A] 01	[M]		!CHK'D: B. CHEN	TITLE	PARTS LIST	
BB	5416963-ML001	B	[B]	[N]		!DATE: 05-MAY-86	VIDEO AMPLIFIER MODULE		
			[C]	[P]		!DES.ENG: C L CHUANG			
			[D]	[Q]		!DATE: 05-MAY-86			
			[E]	[R]			DOCUMENT NUMBER		
			[F]	[S]		!RESP.ENG.: L. JEAN	SIZE	CODE	NUMBER
			[H]	[T]		!DATE: 05-MAY-86			!REV
			[J]	[V]			K	PL	5416963-0-DBP
			[K]	[W]		!MFG.ENG: G. CHRISTIANSEN	RELEASE DATE:	19-OCT-87	B
			[L]	[Y]		!DATE: 26-JAN-87	RELEASE STATUS:	RELEASED	
			BASIC PART NUMBER:	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:	FILE NAME:	EDIT #	
			5416963	D-UA-5416963-0-0		IB-DD-5416963-0-0	IGH707B.PLS	4	

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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
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,Q411
37	37	15-21002-01	2N 2369A	NPN 200MA 15V TO-18	21	Q202-Q207,Q212,Q302-Q307,Q312, CONT Q402-Q407,Q412
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,Q409
40	40	15-27594-01	2SC3600D,E	NPN VIDEO OUT TRANSIS	3	Q210,Q310,Q410
41	41	15-27595-01	25C3598D,E	NPNM VIDEO OUT TRANSI	3	Q208,Q308,Q408
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	1	
47	C-MD-7430831-0-0	74-30831-02	A	GROUND CLIP	2	
48	48	90-06010-01	SCREW,MACH PAN PHIL	4-	3	
49	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

1 GEN: P/N 1609756-00 IS AN ALTERNATE ACCEPTABLE PART FOR ITEM NUMBER 50 (P/N 1628226-01).

! D !	! I !	! G !	! I !	! T !	! A !	! L !	TITLE	! SECTION A !	! SIZE !	CODE !	DOCUMENT NUMBER	! REV !
!	!	!	!	!	!	!	VIDEO AMPLIFIER MODULE	! OF A !	!	K PL	5416963-0-DBP	! B !

8 7 6 5 4 3 2 1

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8 7 6 5 4 3 2 1

D U A 5416963-C-0 A

**NOTES:**

1. TORQUE REQUIREMENTS 3-5 IN-LBS FOR ITEM 48.
2. PUT ITEM 49 PN 90-09798-01 ON PIN 1 & PIN 2 OF R234, R334 & R434.
3. SOLDER ITEM 47 PN 74-30831-02 ON SIDE TWO GND ETCH.
4. ST1 IS NOT INSERTED.

12 (QTY 3)

48 (QTY 3)

SEE NOTE 1

SECTION "A-A"

49 (QTY 6)

SEE NOTE 2

SECTION "B-B"

DETAIL "C"

47 REF

SIDE 2

SEE NOTE 3

47 (QTY 2)

PIN 1

2.700

1.700

H-MASTER-REF.

CHK	DRAWN BY	ENGINEER	CHANGE NO	DATE	REV
				RELEASED JAN-87	A

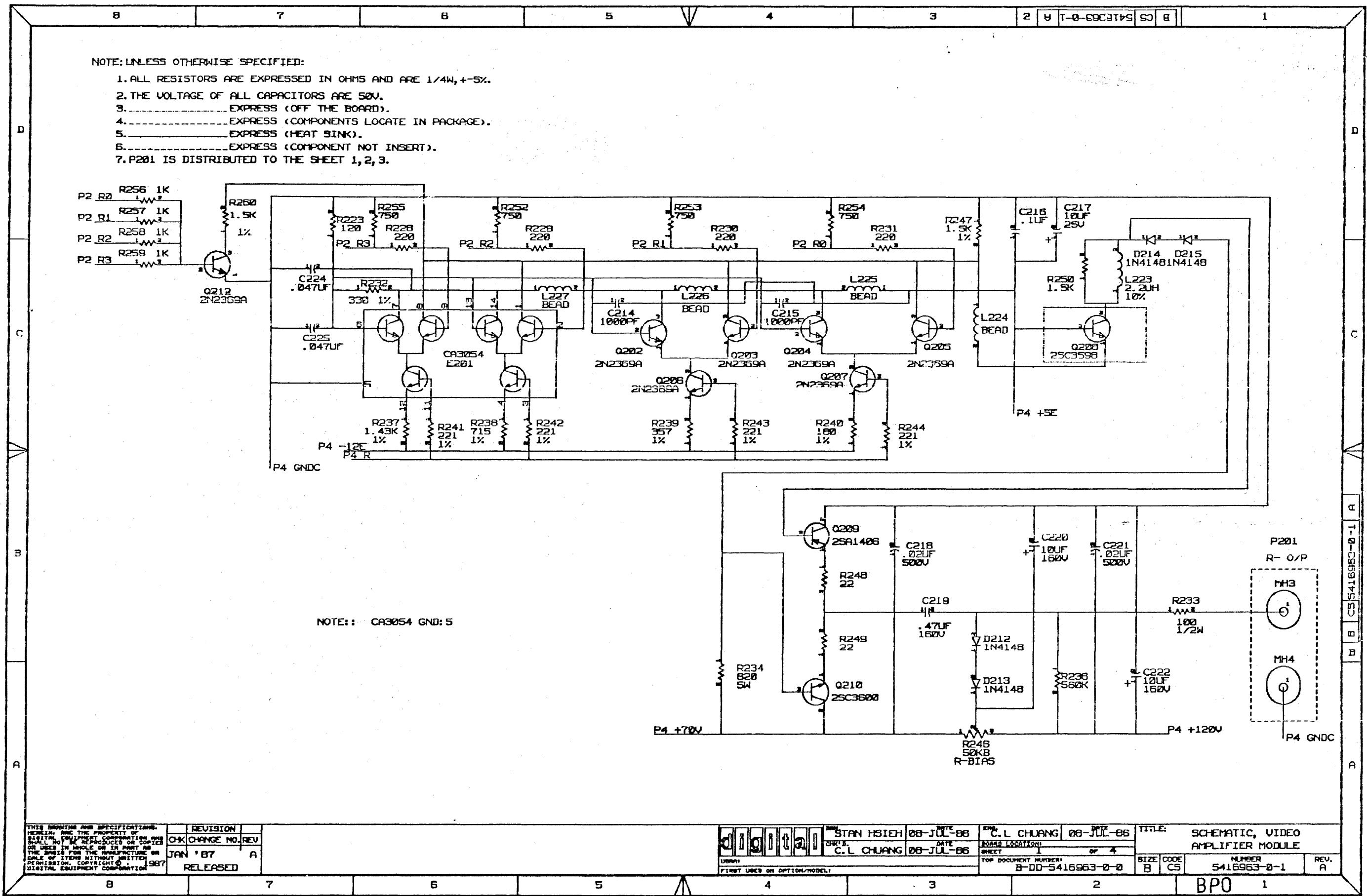
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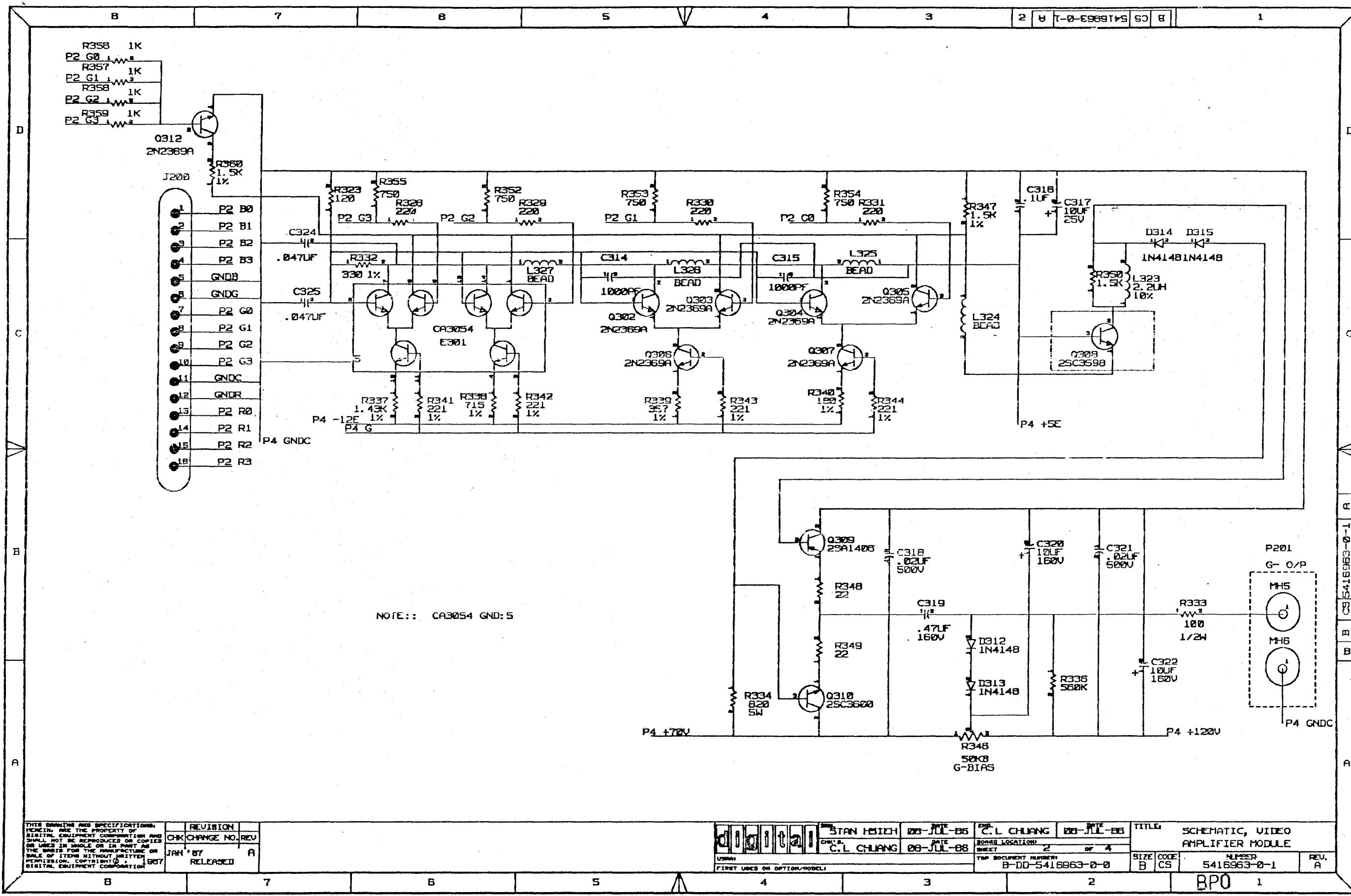
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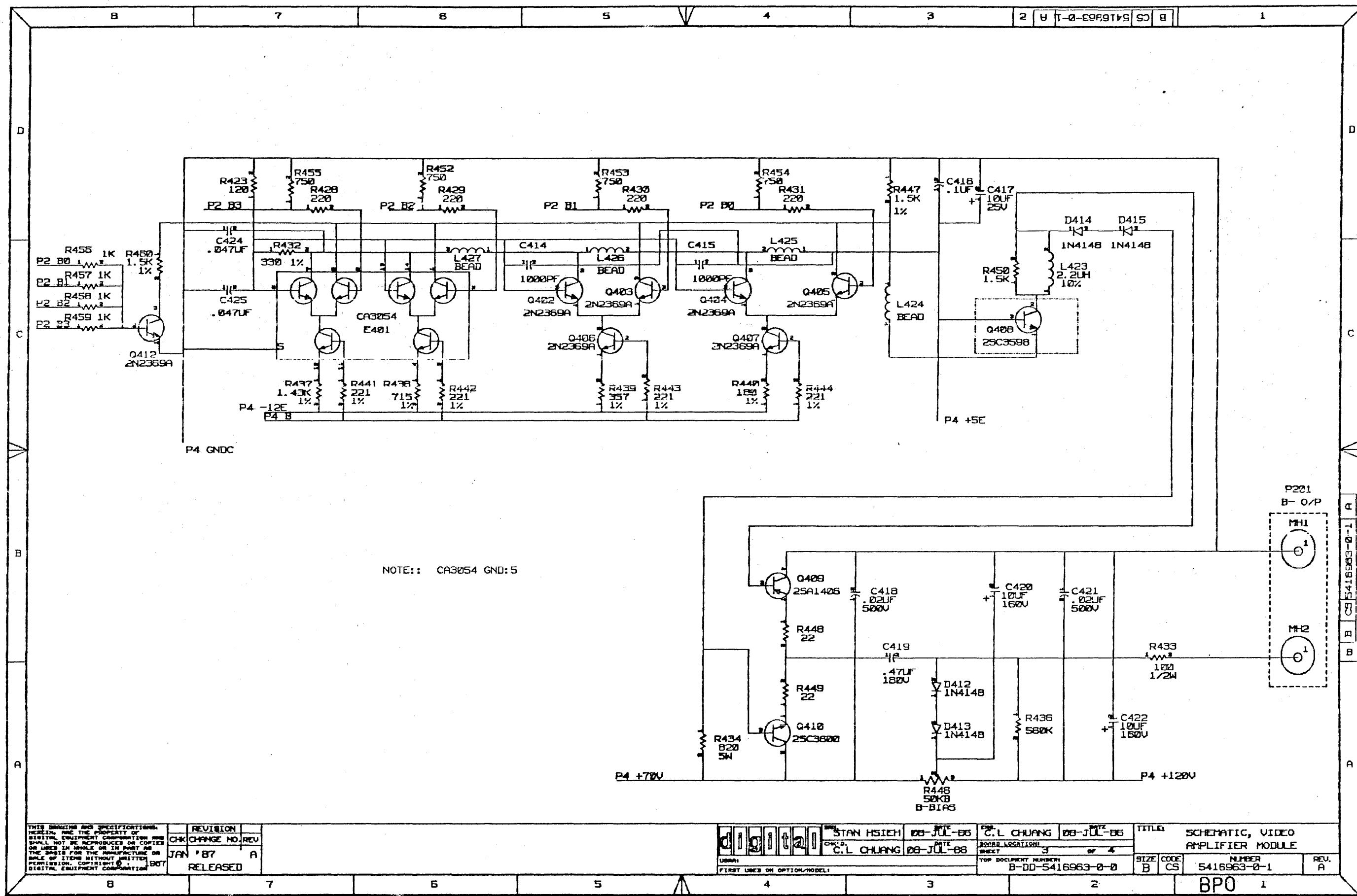
STEP 8 → Y AXIS \_\_\_\_\_ STEP \_\_\_\_ TIMES  
REPEAT → X AXIS \_\_\_\_\_ STEP \_\_\_\_ TIMES

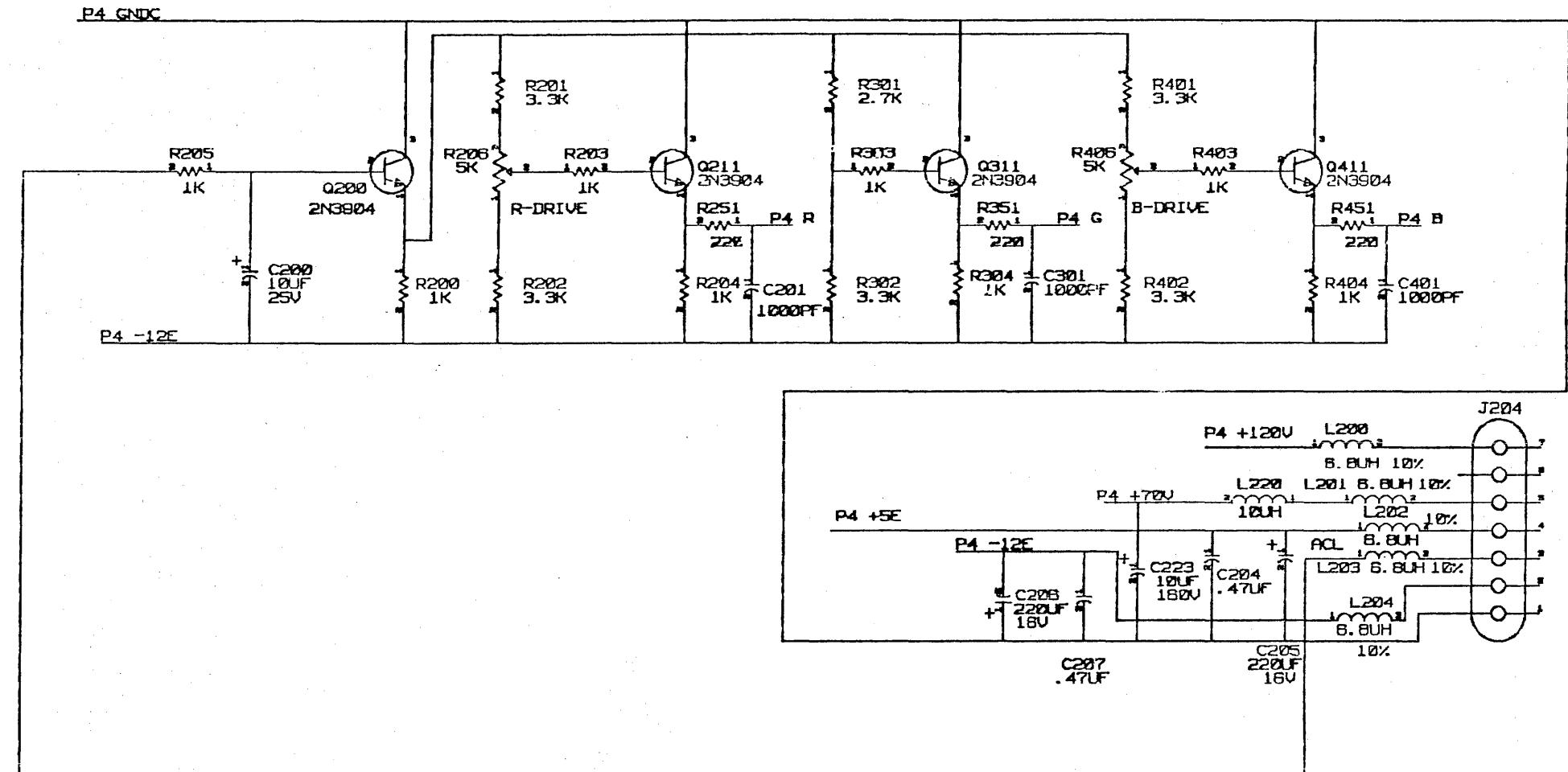
SIGNATURES	DATE	digital
DRAWN C. H. YU	3-MAY-88	
CHECKED B. CHEN	3-MAY-88	
MECH ENG J. P. LO	3-MAY-88	
PROJ ENG L. JEAN	3-MAY-88	
PROD	6-Jun-88	
SCALE 1/1		
SIZE D	CODE UA	NUMBER 5416963-0-0
REV A		
TOP DOC NO B-00-5416963-0-0		

8 7 6 5 4 3 2 1









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						SHEET 4 or 4	TOP DOCUMENT NUMBER: B-00-5416963-0-0	SIZE B	CODE CS	NUMBER 5416963-0-1
8	7	6	5	4	3	2	BPO 1			

DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS														
		54-16965-01	TERMINAL CONTROL MODULE	A1														
D-UA-5416965-0-0	1		UNIT ASSY	A														
B-CS-5416965-0-1	18		SCHEMATIC	A														
K-PL-5416965-0-DBP	3		PARTS LIST	A														
K-PC-5416965-0-DBV	1		P.C. DESIGN DATA BASE	A														
K-CS-5416965-0-DBX	1		VALID DATA BASE	A														
		50-16964-01	ETCH CIRCUIT BOARD	F1														
B-DD-5016964-0-0	1		DRAWING DIRECTORY	A														
<b>NOTES:</b>																		
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1987																SHEET 1 OF 1		

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# digital

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	DOCUMENT NUMBER		
RESP. ENG.	S. W. CHENG	DATE 5-MAY-86	SIZE <b>B</b>	CODE <b>DD</b>	NUMBER 5416965-0-01
MFG. ENG.	<i>Sam Lathem</i>	DATE <i>6 Feb 87</i>			SHEET 1 OF

AUTOMATED BY VAXKPL (V1.3)

P A R T S      L I S T

SHEET A1 OF A3

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 +80/-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 C1,C26,C37
3	3		10-10274-00	0.22 MFD 50V +80/-20% Z5U C	3	
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 IO=135 MA	3	D7,D8,D23
13	13		11-05796-00	PIV= 400 IO= 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	90D	J2
20	20		12-26963-01	CARD EDGE 60POS .050CC	90D	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

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## PARTS LIST

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,
38	38	16-20182-03	5.6 UH	10% 565MA		6	CONT L39 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,O		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	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, E64-E67,E93,E94
74	74	21-25643-01	DC7051	TIMING GENERATOR + C		1	E36

! D !	! I !	! G !	! I !	! T !	! A !	! L !	! TITLE	! SECTION A OF A	! SIZE ! CODE ! DOCUMENT NUMBER ! REV !
! !	! !	! !	! !	! !	! !	! !	! !	! !	! !
TERMINAL CONTROL MODULE									K PL 5416965-0-DBP A

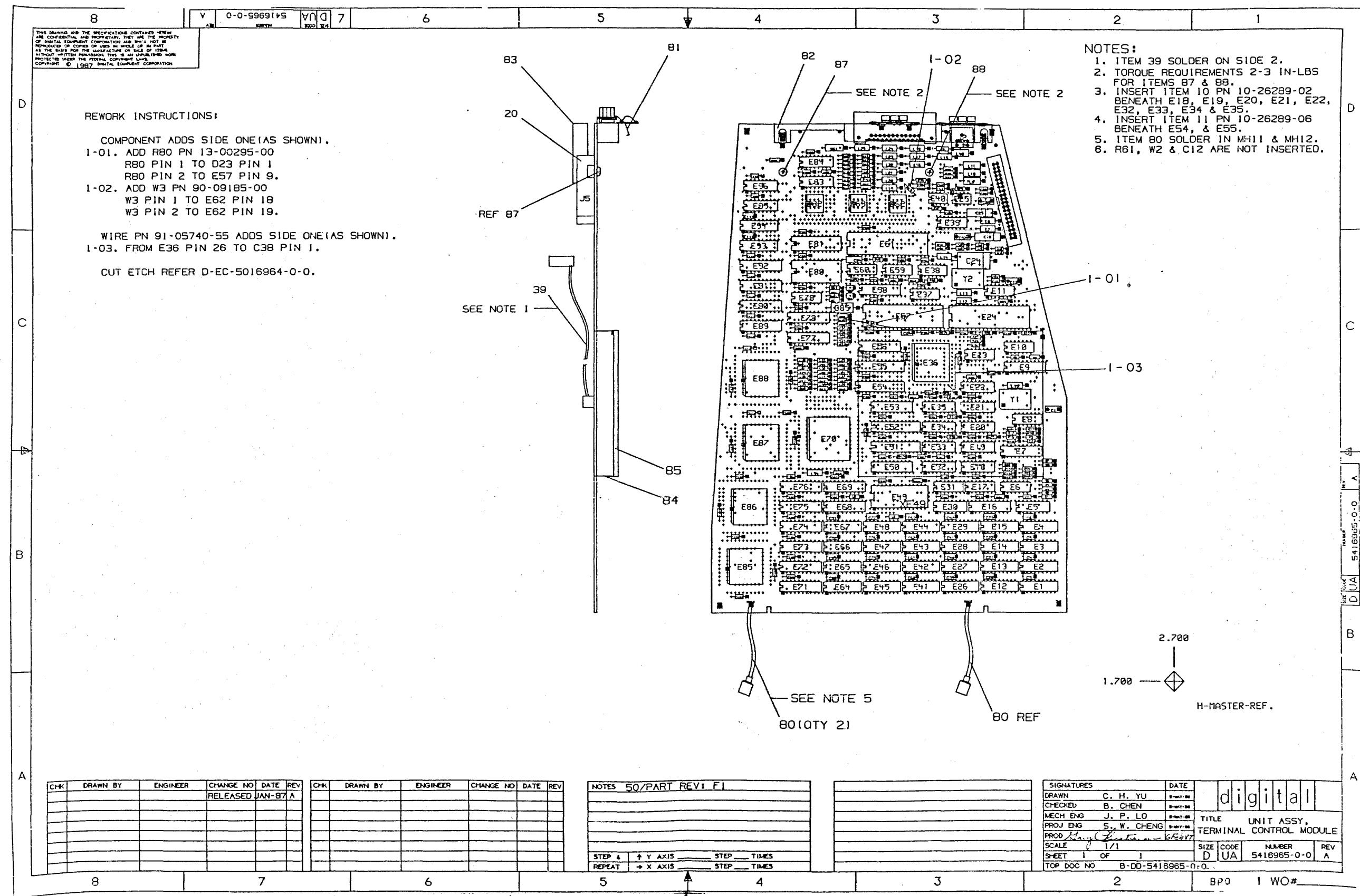
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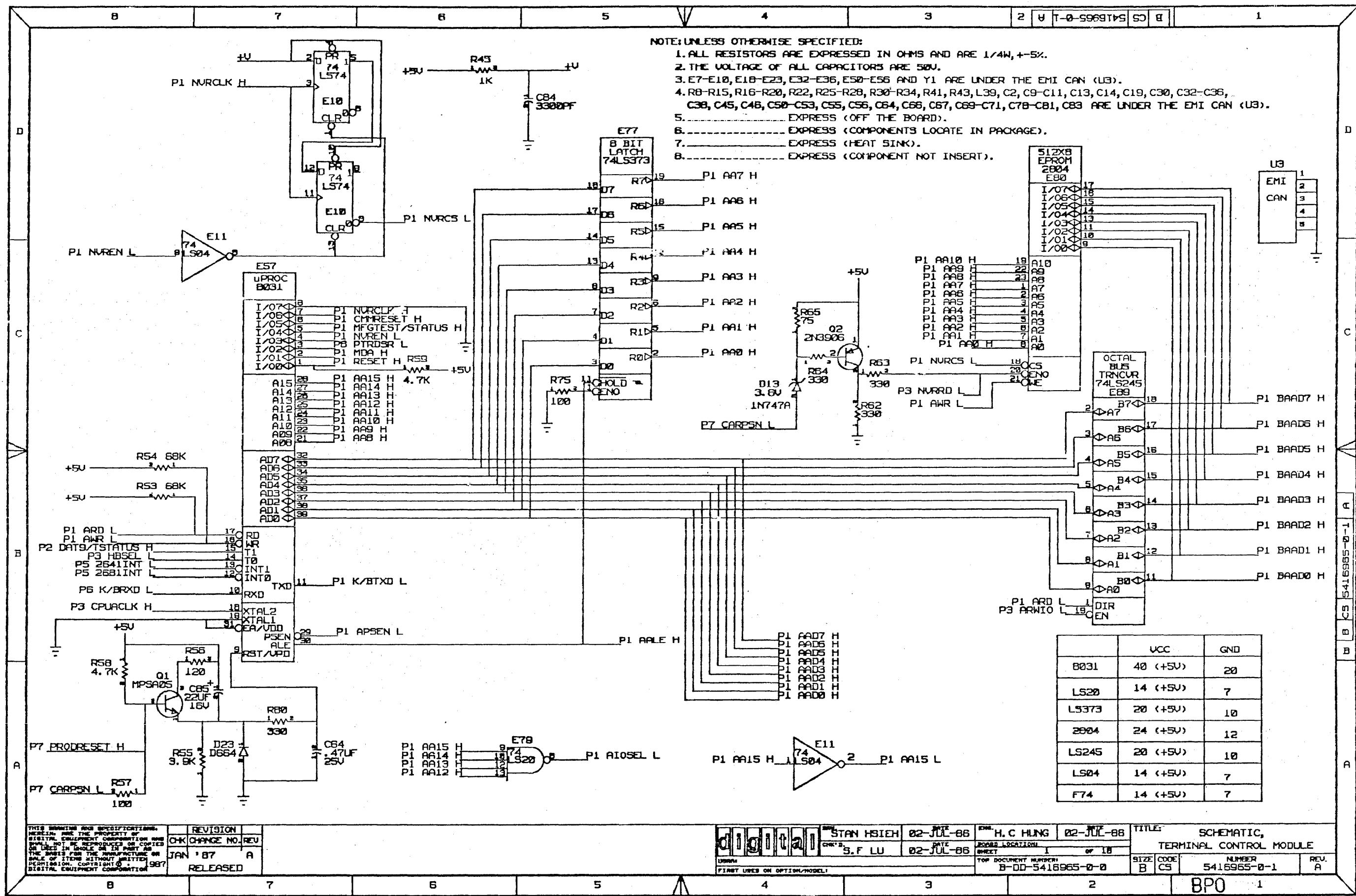
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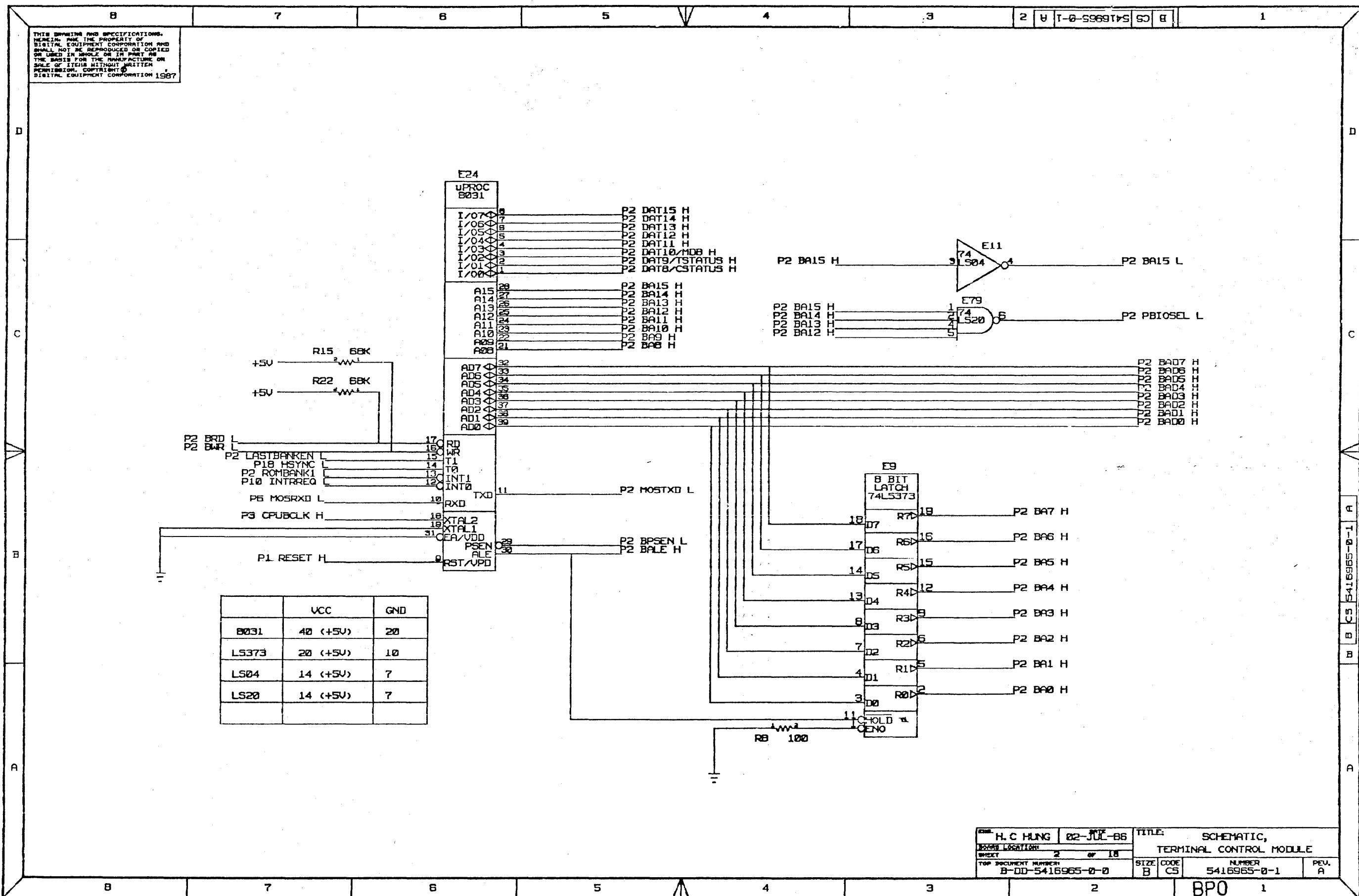
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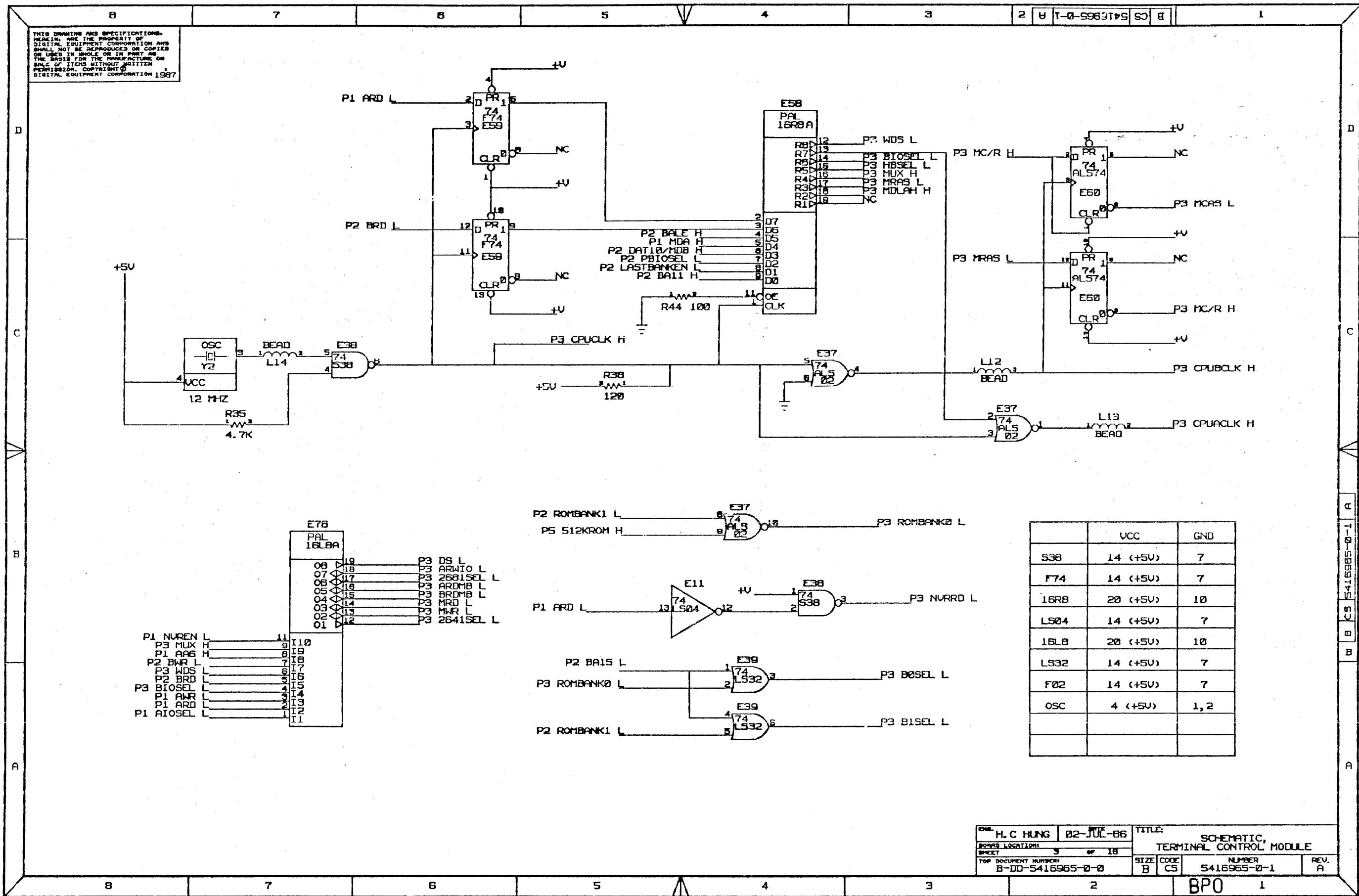
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75	75	21-26375-01		ASYNCHRONBUS COMMUNI	1	E81
76	76	23-E6 -02	32KX 8	TTL, UVROM, 250NS	1	E49
77	77	23-J5 -03	PAL, OCTAL	16 INPUT AND-OR-INVERT	2	E16, E78
78	78	23-K5 -03	PAL, OCTAL	REGISTERED AND-OR	1	E58
79	79	23-1N2 -00	N2-01		1	E80
80	80 B-IA-7023276-0-DBU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

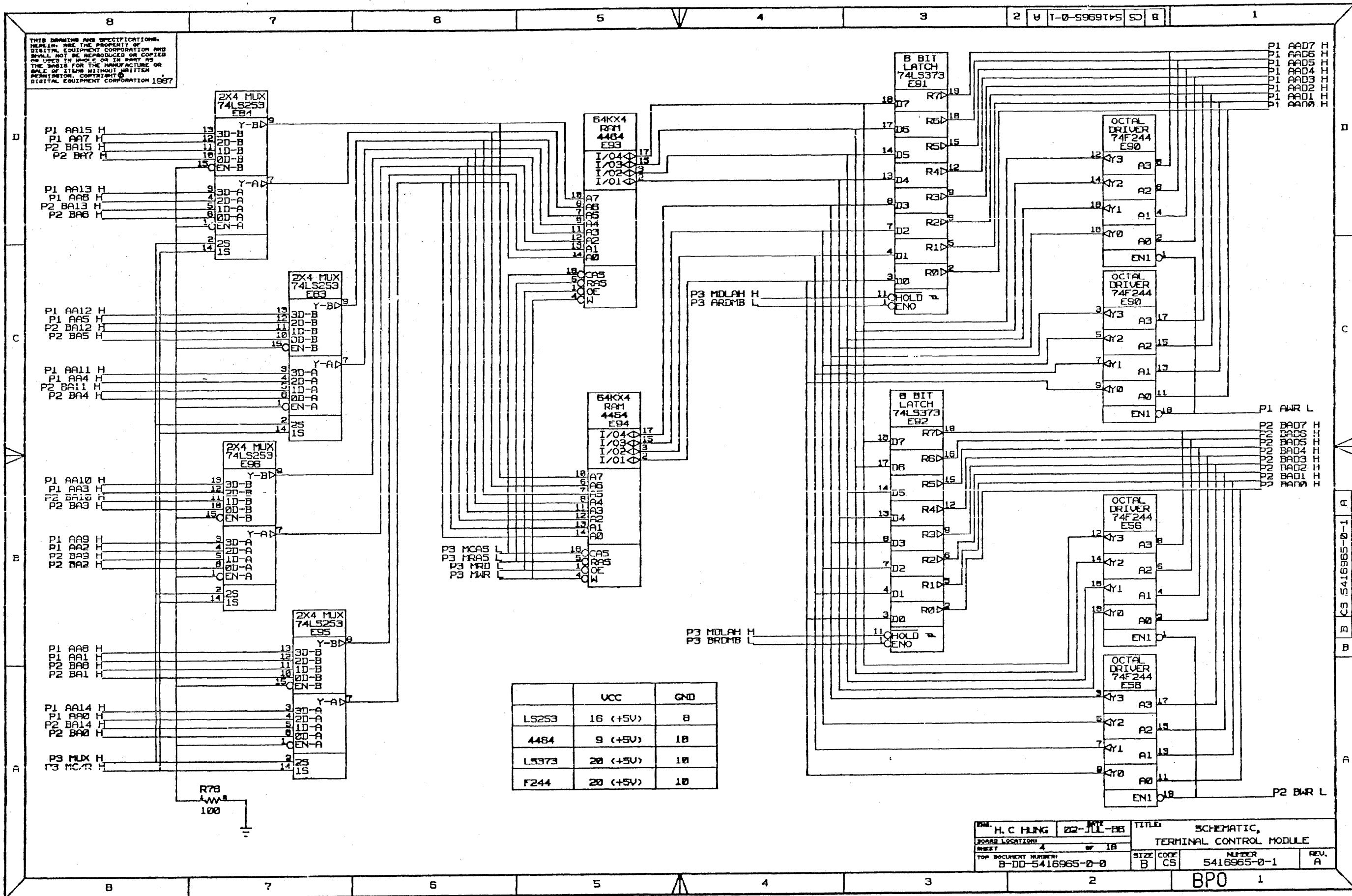
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							TERMINAL CONTROL MODULE		K	PL	5416965-0-DBP	A

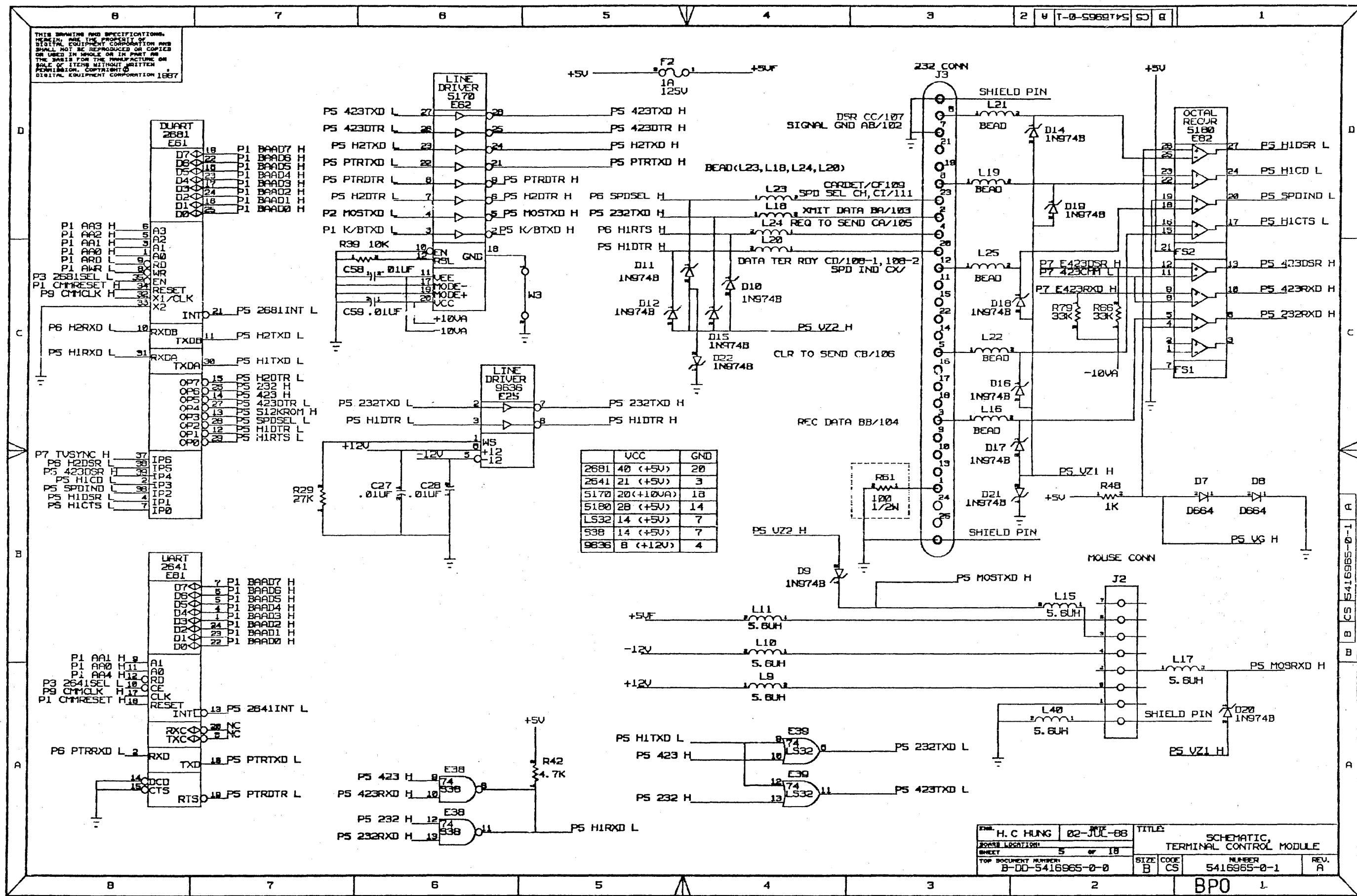


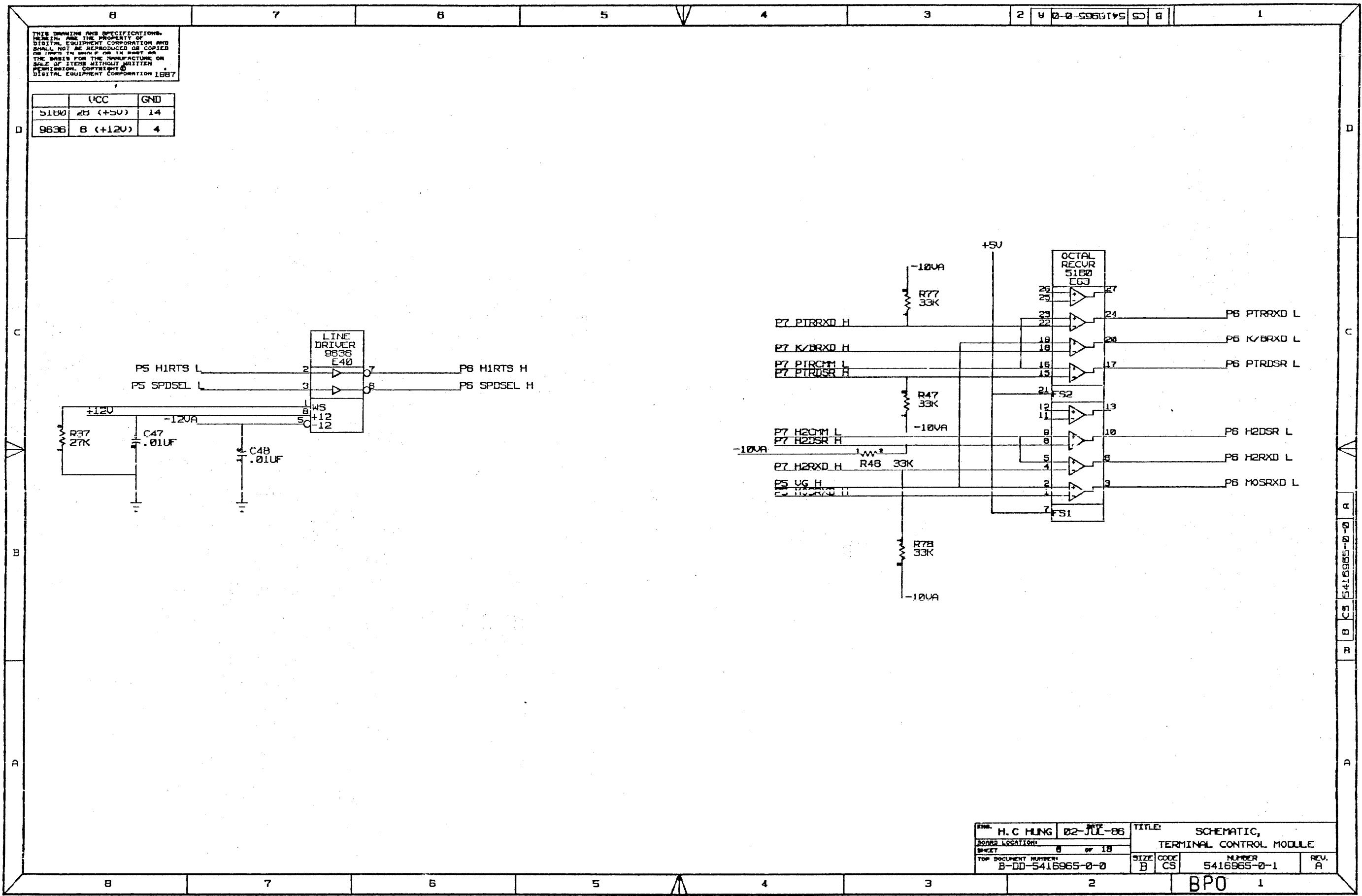






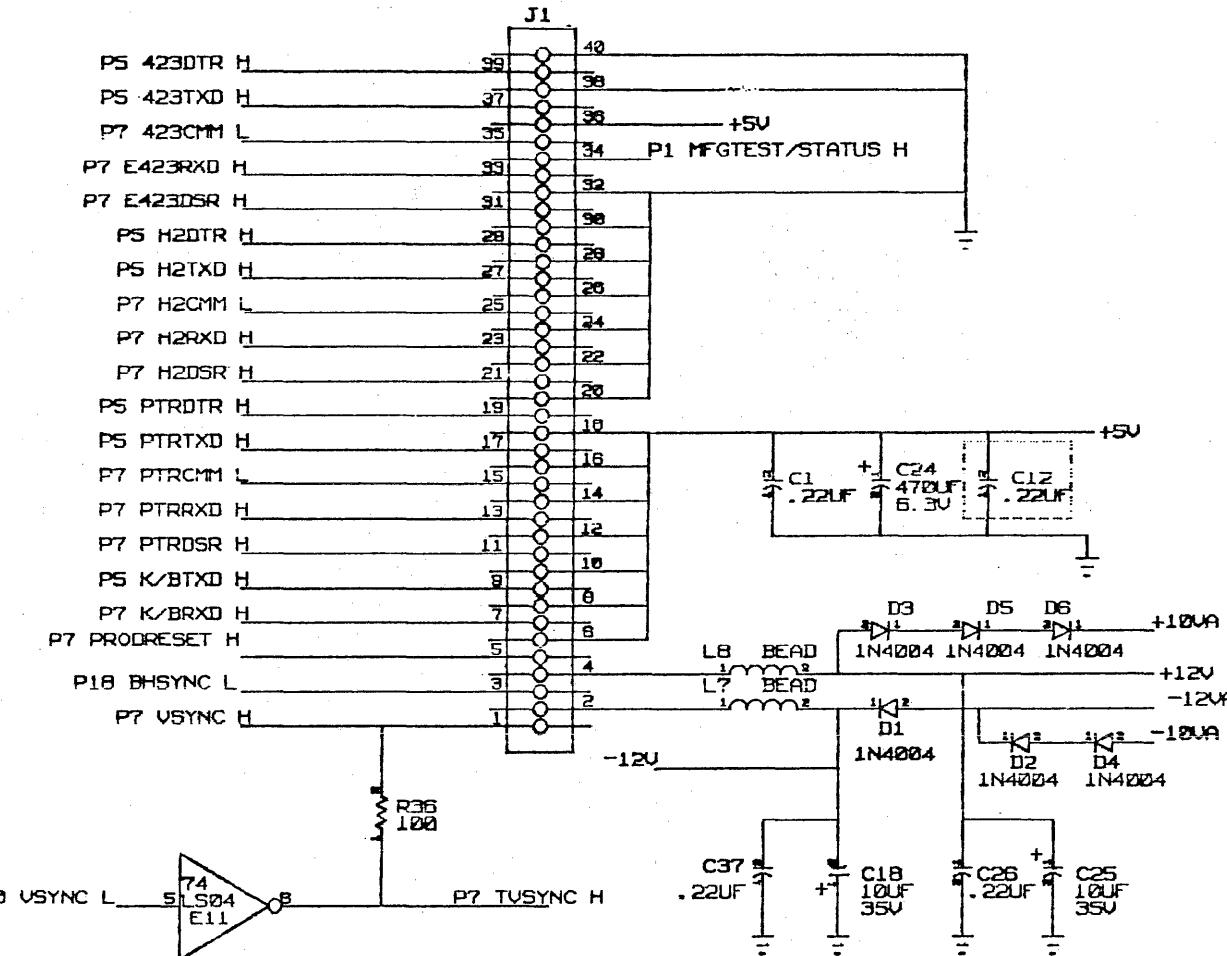




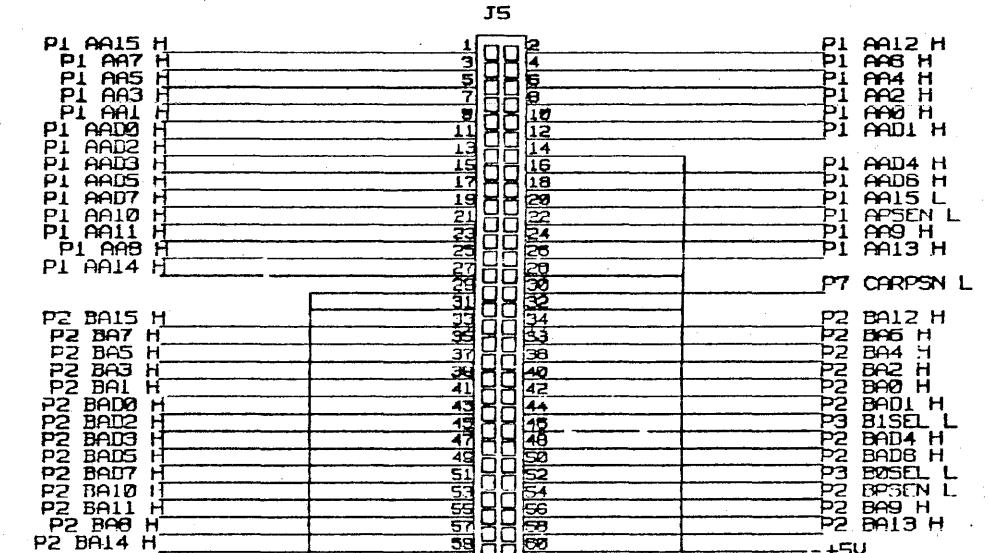


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INTERFACE CONN <TO PS/MTR BD

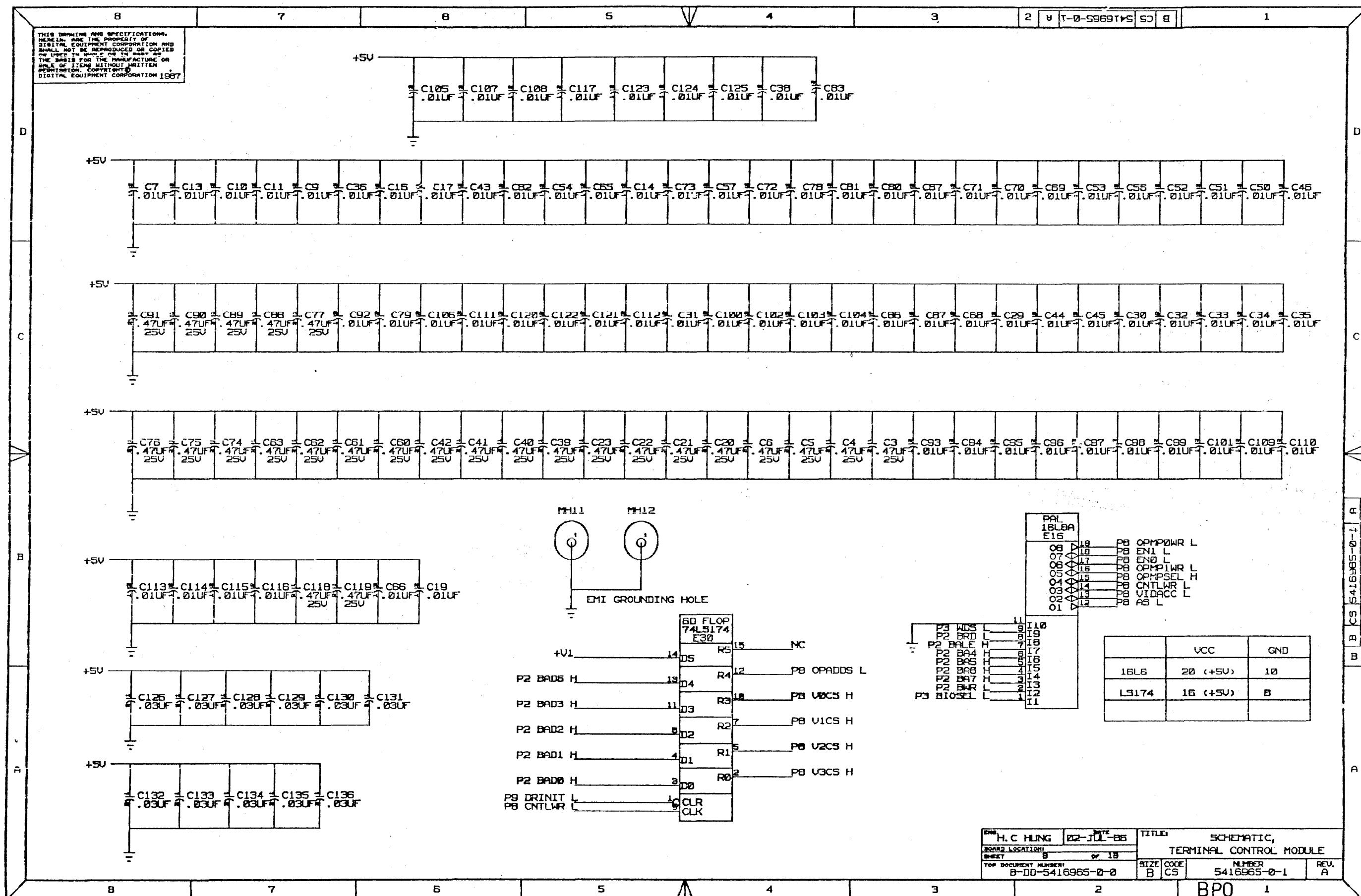


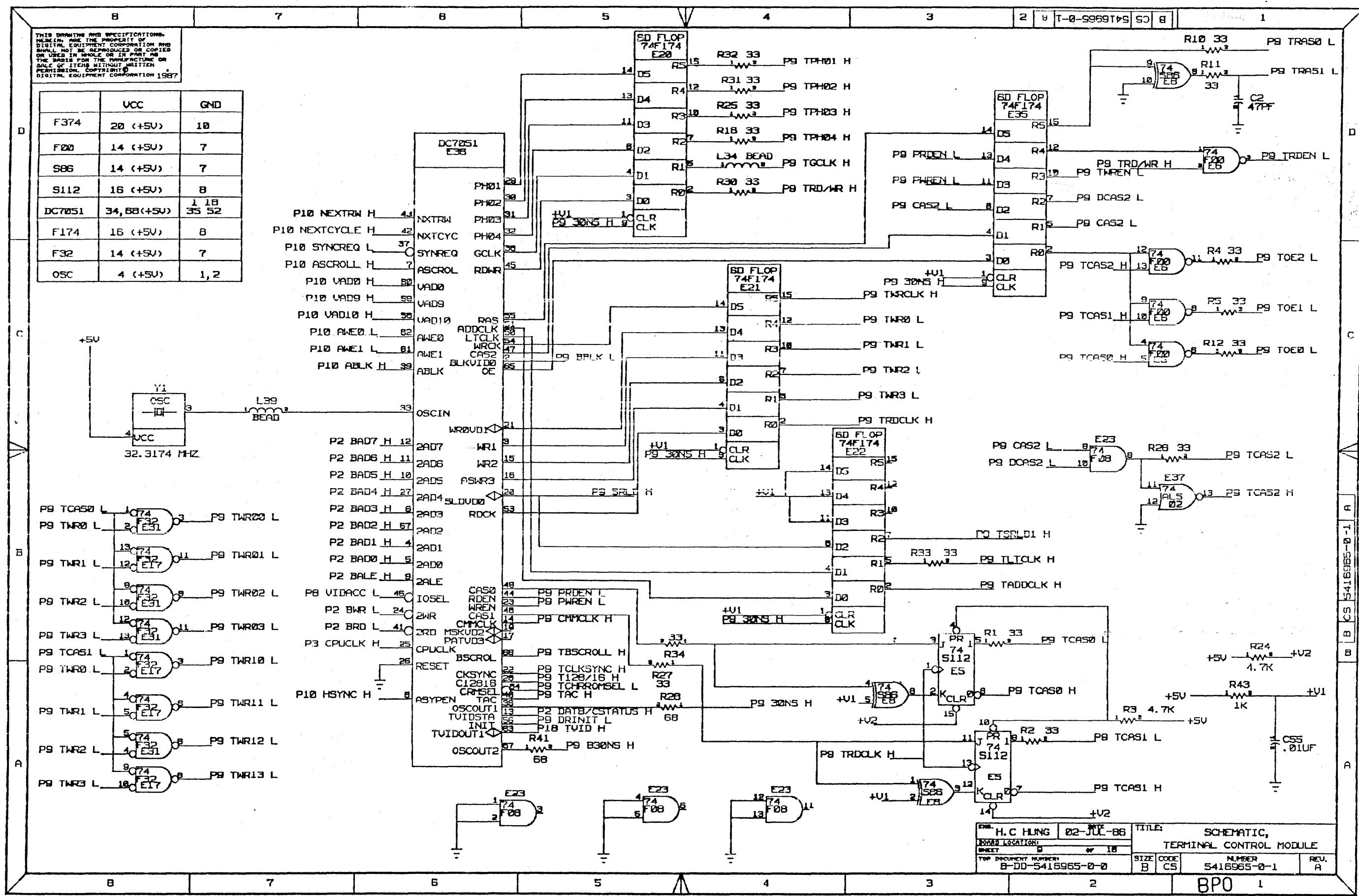
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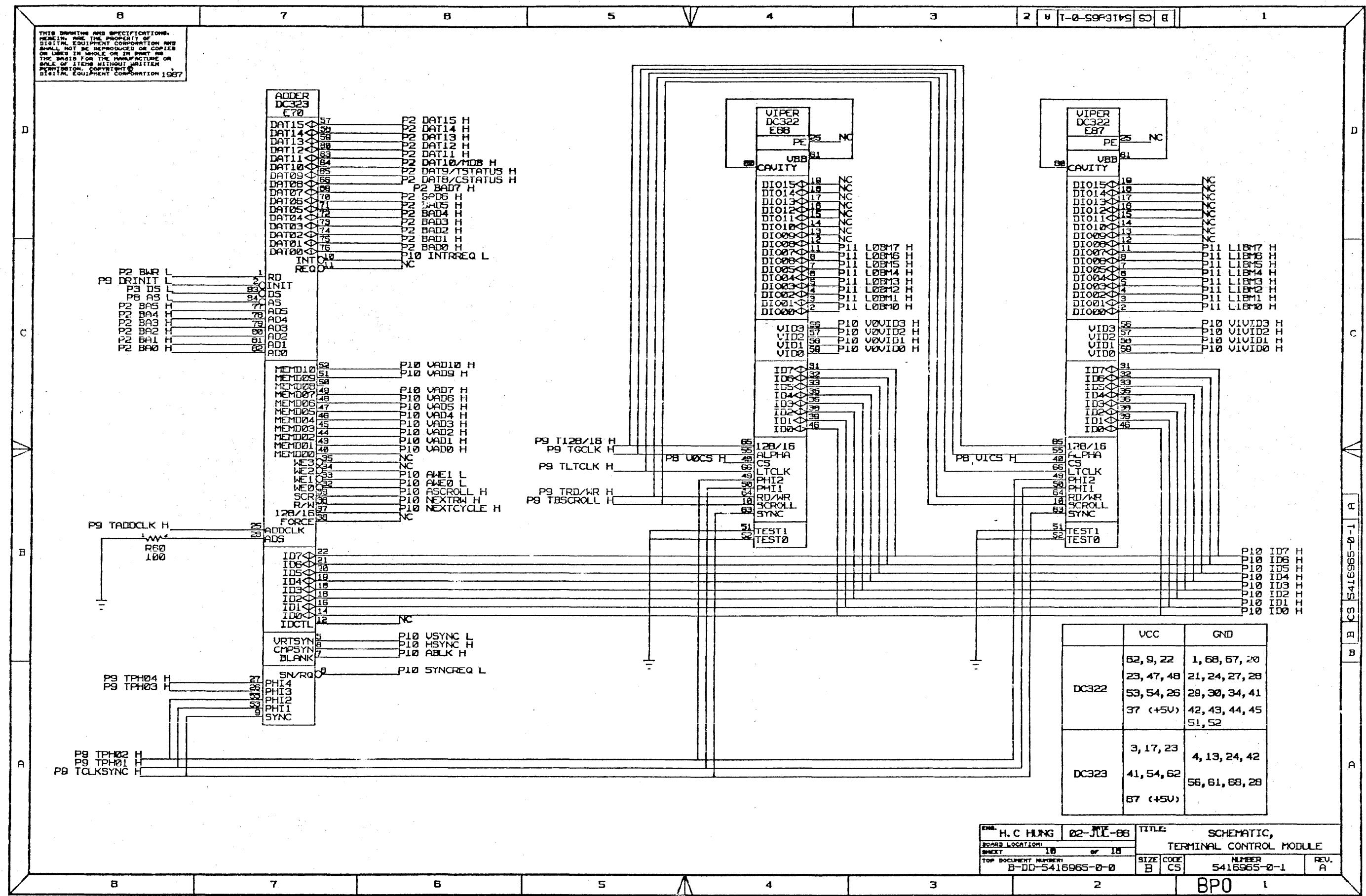


	VCC	GND
LS04	14 (+5V)	?

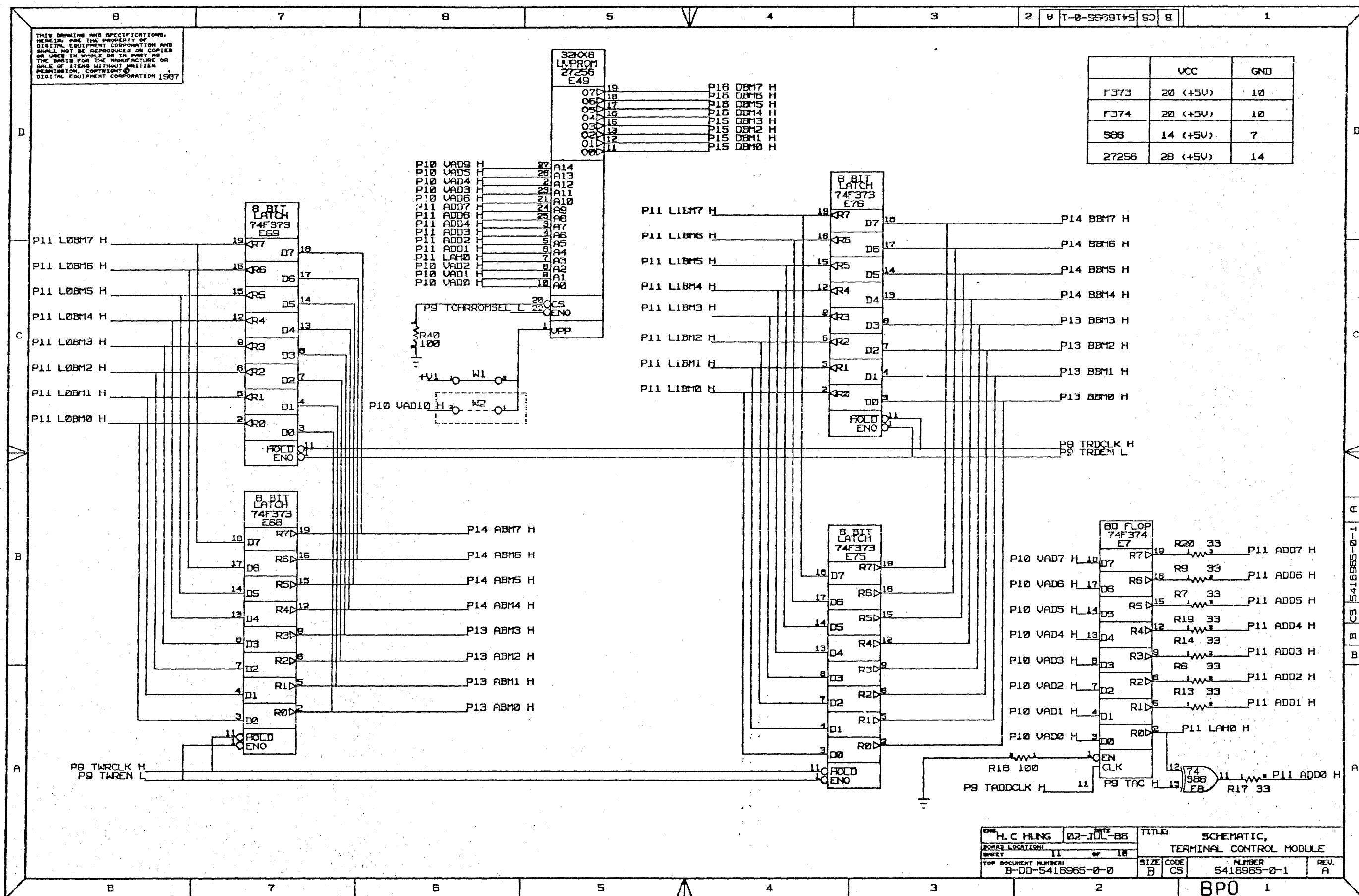
ENR. H. C HUNG	ED- 02-JUL-88	TITLE: SCHEMATIC, TERMINAL CONTROL MODULE		
SEARCHED INDEXED SERIALIZED FILED				
TOP DOCUMENT NUMBER: B-DO-5416965-0-0		SIZE B	CODE CS	NUMBER 5416965-0-1
				REV. A

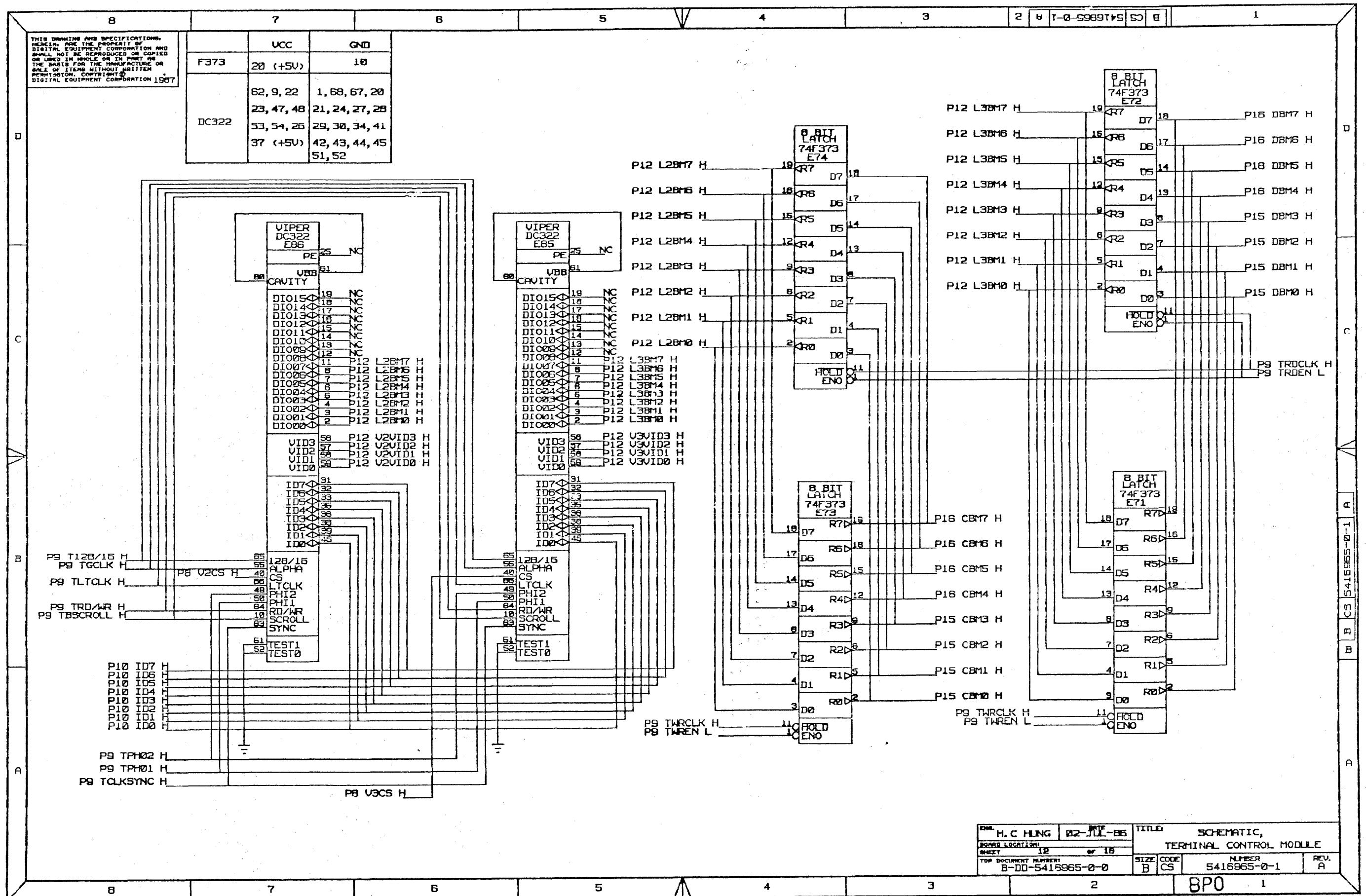






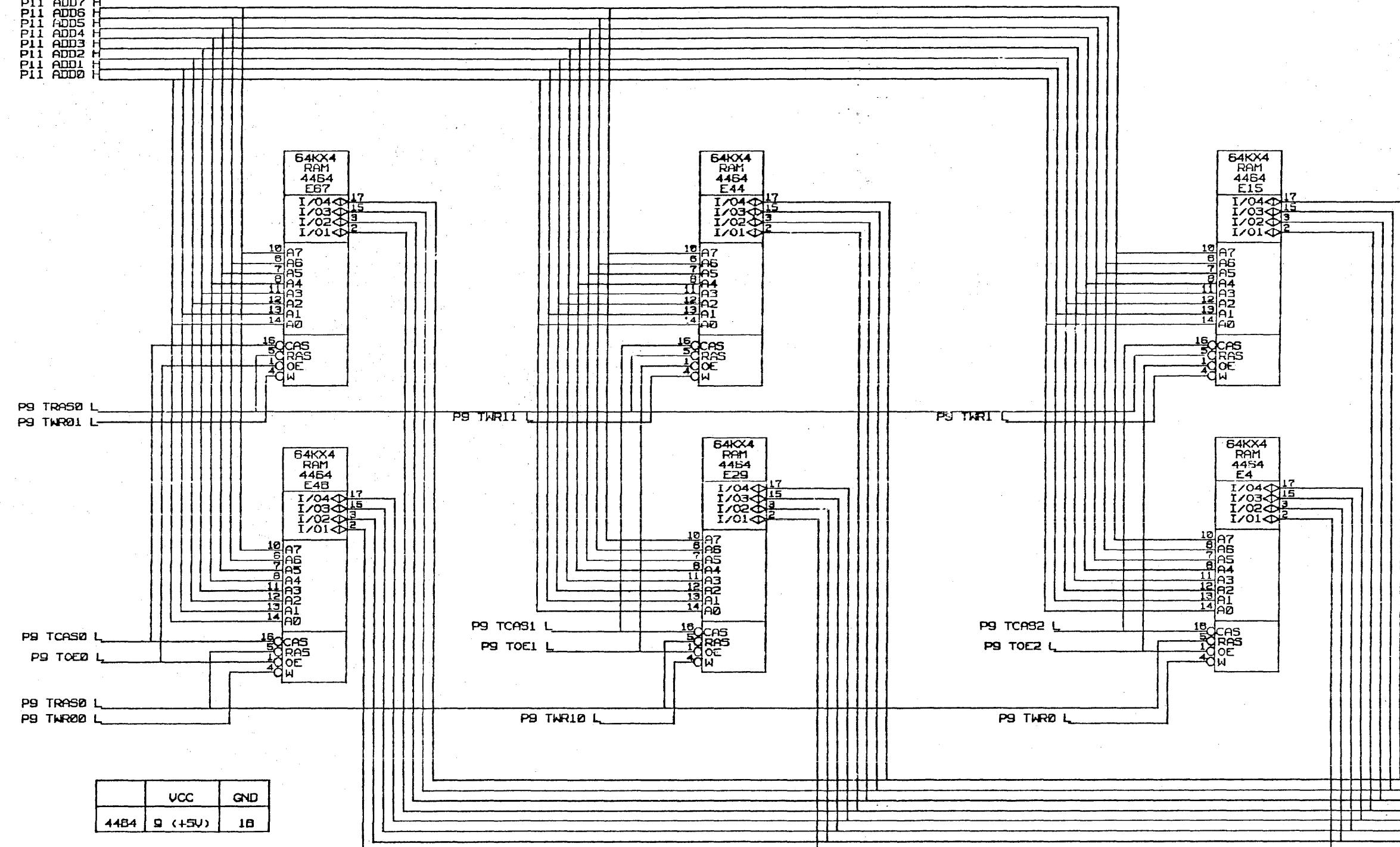
8 7 6 5 4 3 2 1 B CS 5416965-0-1 A D C B A BPO 1





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P11 ADD6  
P11 ADD5  
P11 ADD4  
P11 ADD3  
P11 ADD2  
P11 ADD1  
P11 ADD0



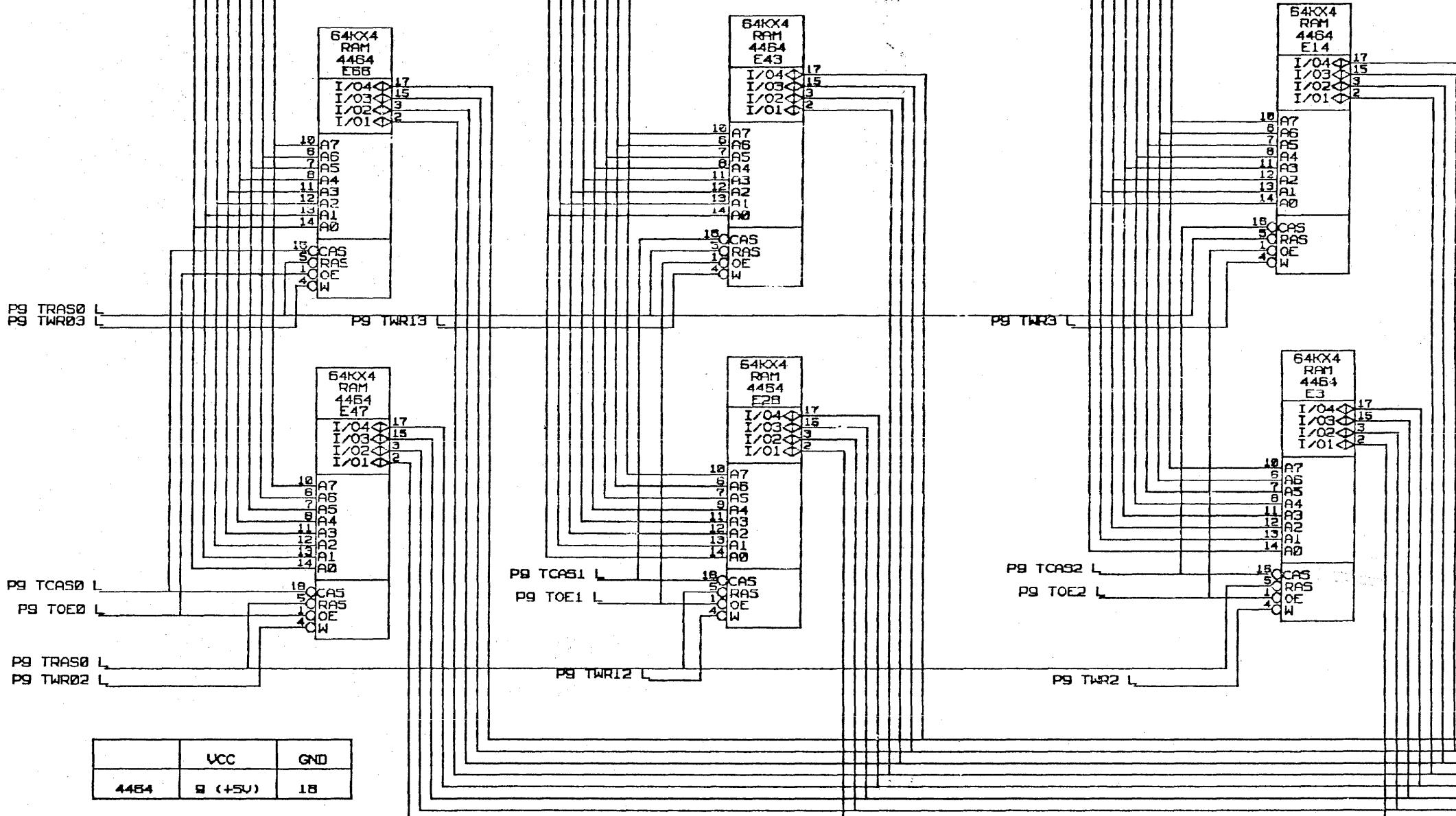
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P13	ABM2	H
P13	BBM1	H
P13	BBM0	H
P13	ABM1	H
P13	ABM0	H

H. C HUNG		02-JUL-86		TITLE:	
BOMBD LOCATION				SCHEMATIC,	
SHEET 13		of 18		TERMINAL CONTROL MODULE	
TOP DOCUMENT NUMBER: B-DO-5416965-0-0		SIZE B	CODE CS	NUMBER 5416965-0-1	REV. A

BPO

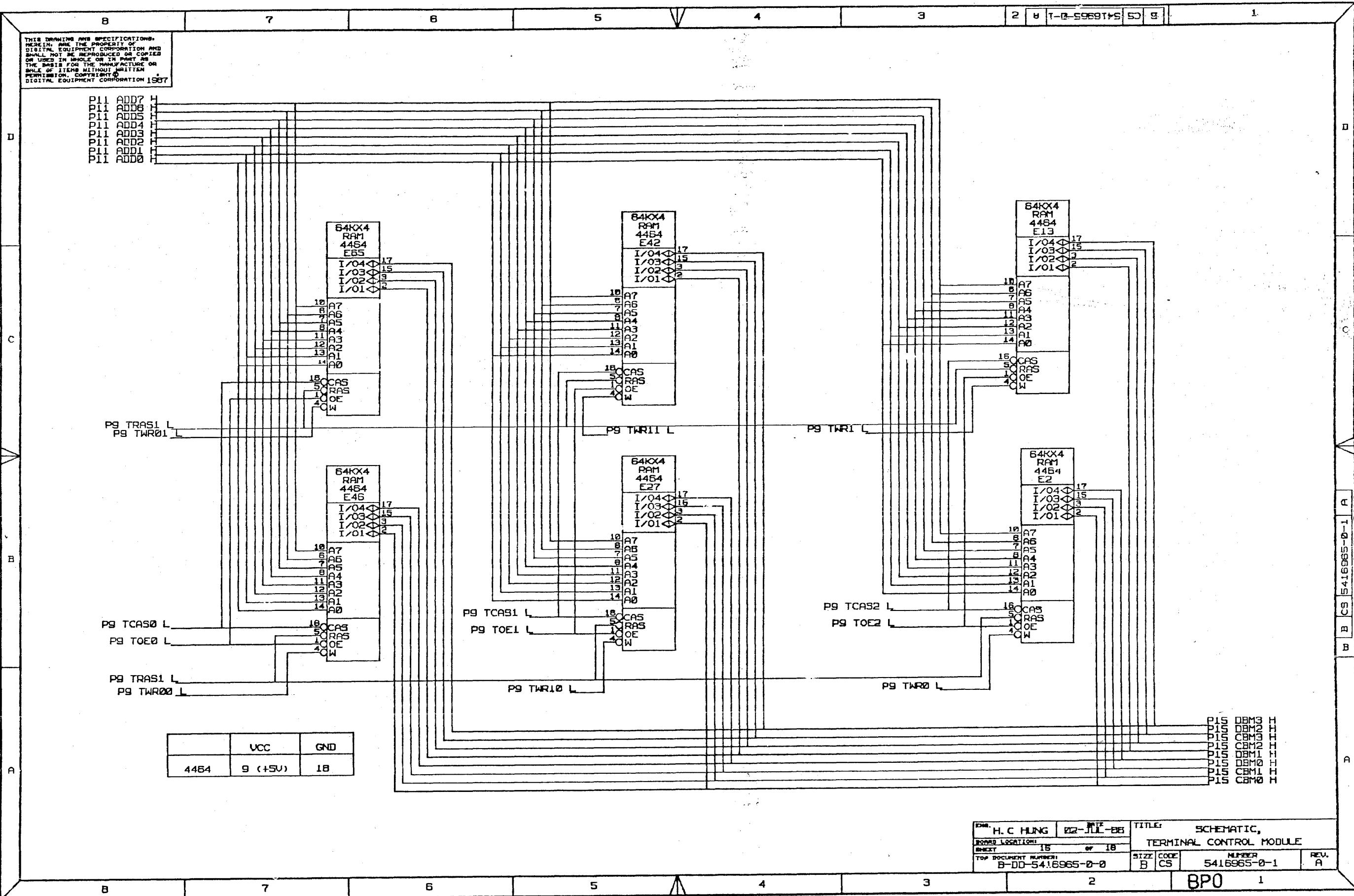
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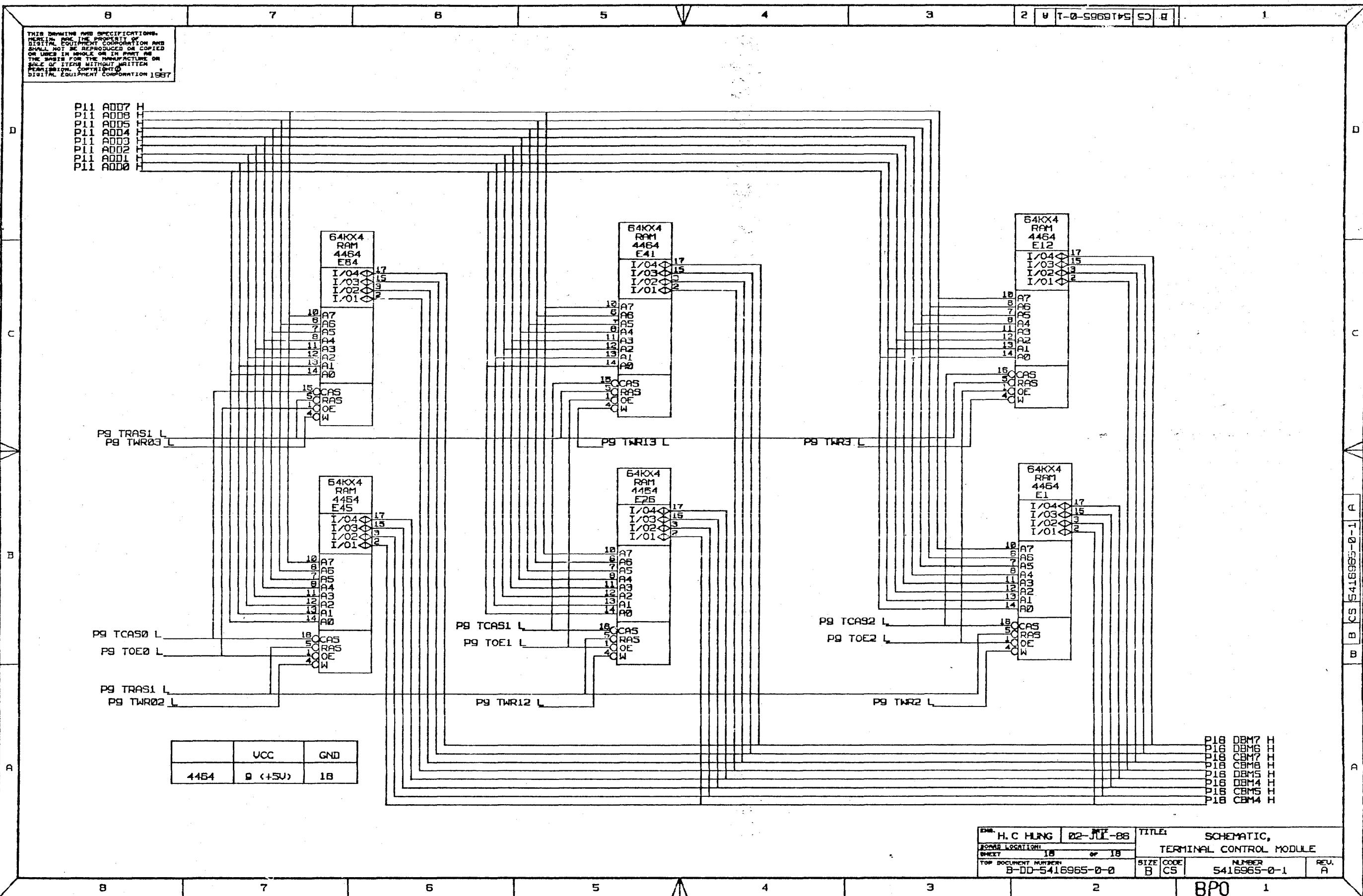
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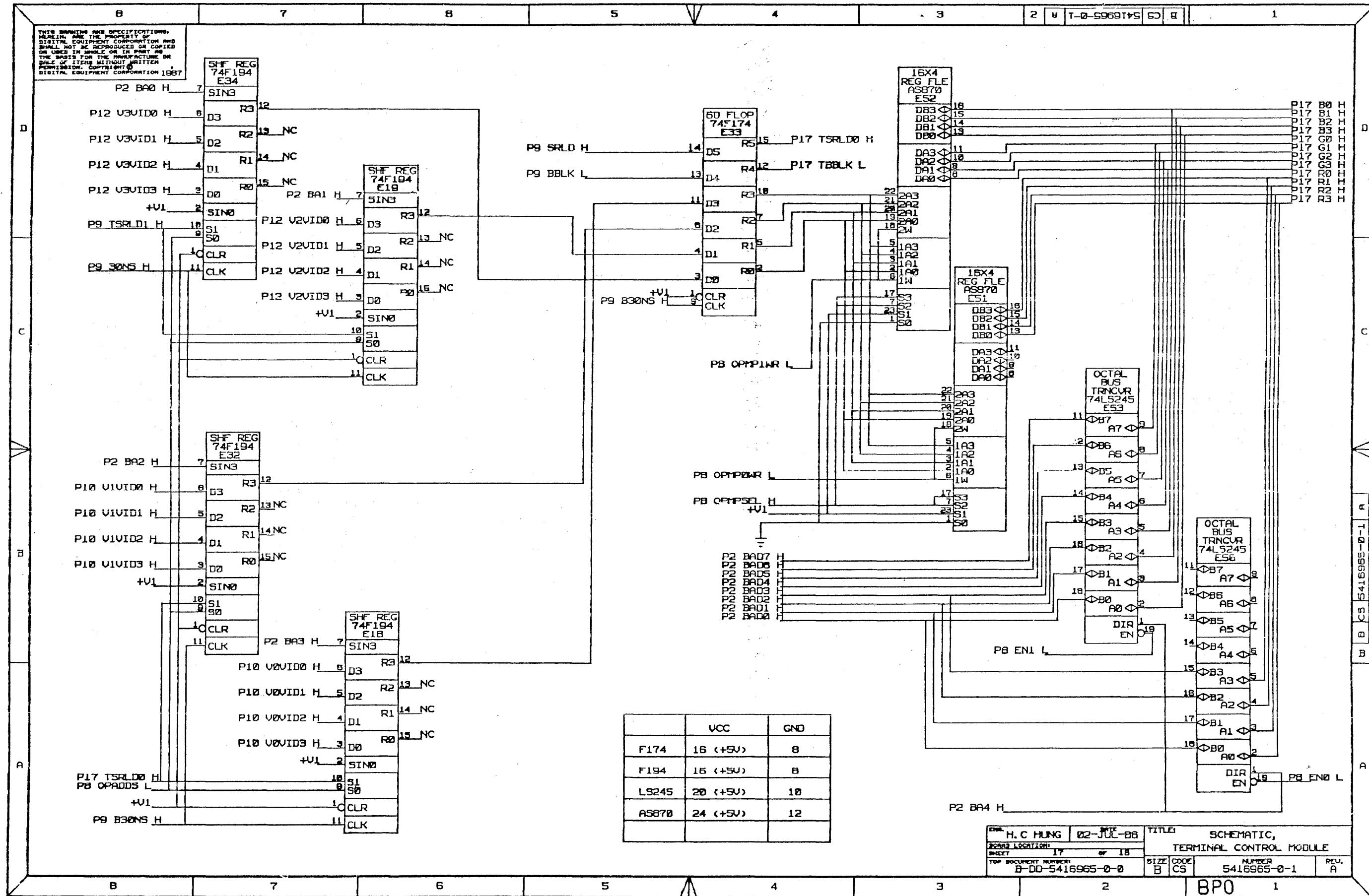


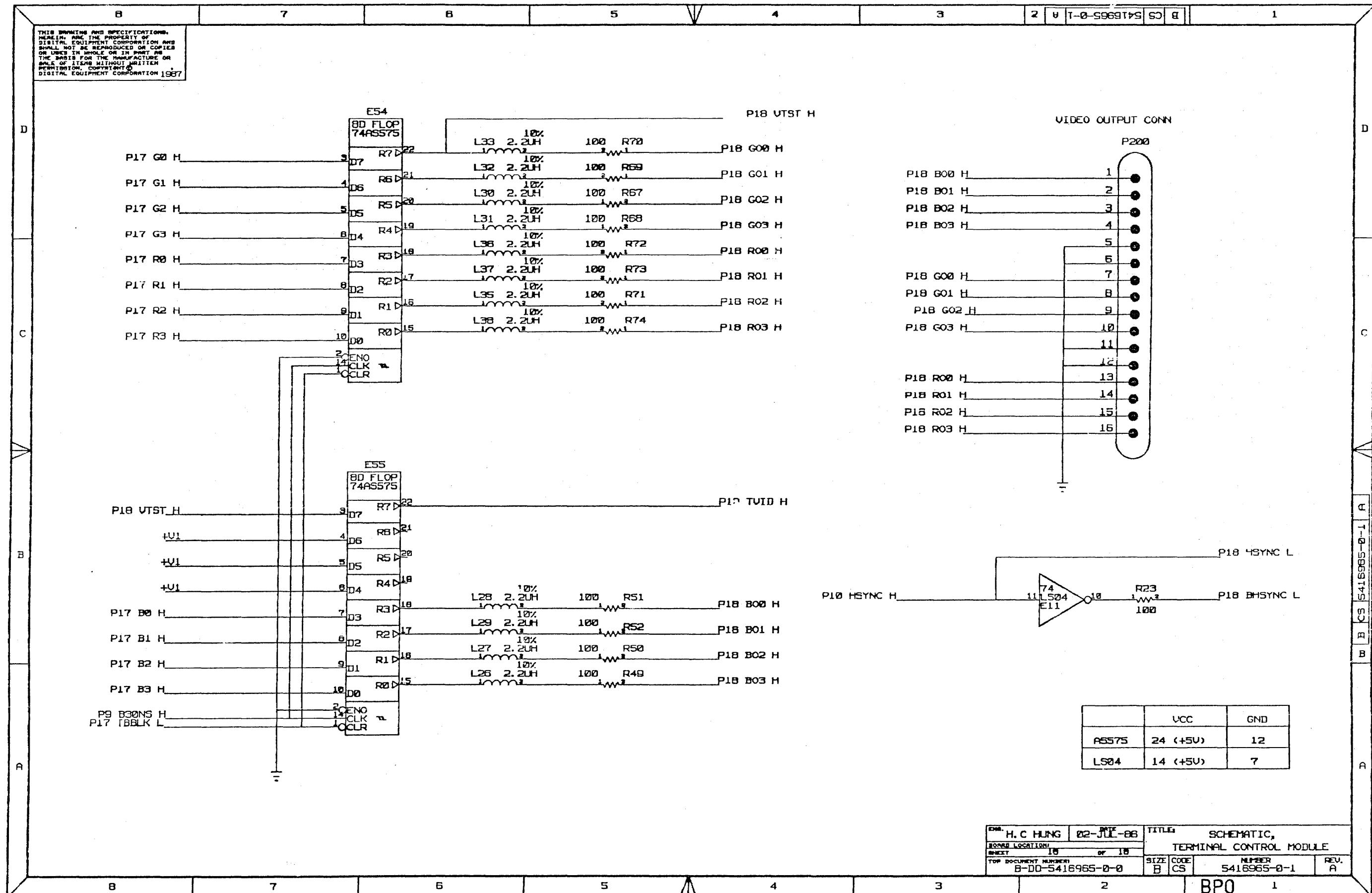
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P14 BBM5 H  
P14 BBM4 H  
P14 ABM5 H  
P14 ABM4 H

EWS H. C HUNG		02-JUL-86	TITLE: SCHEMATIC, TERMINAL CONTROL MODULE		
BOARD LOCATION: SHEET		14 or 18	SIZE B	CODE CS	NUMBER 5416965-0-1
TOP DOCUMENT NUMBER: B-DO-5416965-0-0		REV. A			









4

3

2

1

<p>C AD 7022623-0-DBU REV. A</p> <p>REVISION HISTORY REV. ECO NUMBER DATE RELEASED A 21-JAN-87</p>	<p>THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT 1987 DIGITAL EQUIPMENT CORPORATION</p>	<p>LEGEND</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>PART NO.</th> <th>REV.</th> <th>DESCRIPTION</th> </tr> <tr> <td>7022623-04</td> <td>A01</td> <td>AS SHOWN</td> </tr> </table>	PART NO.	REV.	DESCRIPTION	7022623-04	A01	AS SHOWN	<p>NOTES:</p> <p>1. ASSEMBLING PROCEDURE: ATTACH ITEM 2 AND ITEM 3 USING CHLOROFORM TO DISSOLVE AT JOINT.</p>	<p>C AD 7022623-0-DBU REV. A</p>
PART NO.	REV.	DESCRIPTION								
7022623-04	A01	AS SHOWN								

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

	DESCRIPTION		DRAWING NO.	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)					
INCHES TOLERANCES	ANGLES 20-30°	APPLICABLE DIMENSION RANGE	DIMENSIONS RANGE IN INCHES		
.01 .02 .03 .04 .05 .06	.01 .02 .03 .04 .05 .06	OVER 0 TO .02 .03 .04 .05 .06	OVER .2 TO 1.2 .4 .6 .8 .10	OVER 1.2 TO 4.0 .4 .6 .8 .10	OVER 4.0 TO 12.0 .4 .6 .8 .10
.004 .008 .012 .016 .024 .04	.004 .008 .012 .016 .024 .04	.004 .008 .012 .016 .024 .04	.004 .008 .012 .016 .024 .04	.004 .008 .012 .016 .024 .04	.004 .008 .012 .016 .024 .04
MICROINCHES					
THIRD ANGLE PROJECTION					
DO NOT SCALE DRAWING					
REMOVE BURRS AND BREAK SHARP CORNERS					
MATERIAL					
FINISH					
REV. C <	DRAWN BY J.N. LIN CHECKED I. LIN DESIGNED J. KUO RESPONSIBLE D. LIN MFG. END G. WU FINISH -/-		DATE 30-APR-86 DATE 05-JAN-87 DATE 30-APR-86 DATE 05-JAN-87 DATE 23-JAN-87 TOP DOC. NO. C-AD-7022623-0-DBU		TITLE digital ROM CARTRIDGE DOCUMENT NUMBER SIZE CODE NUMBER REV C AD 7022623-0-DBU A SCALE 1/1 SHEET 1 OF 1

AUTOMATED BY VAXKPL (V1.3)

PARTS LISTS

SHEET A1 OF A1

**QUANTITY PER VARIATION/REVISION**

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

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			
---	INITIAL	A	[A] 04 [B] [C] [D] [E] [F] [H] [J]	CHK'D: I. LIN DATE: 18-DEC-86 DES.ENG: J. KUO DATE: 19-APR-86 RESP.ENG.: O. LIN DATE: 18-DEC-86 MFG.ENG: GORDON WU DATE: 26-JAN-87	TITLE PARTS LIST ROM CARTRIDGE DOCUMENT NUMBER SIZE CODE NUMBER REV K PL 7022623-0-DBP A RELEASE DATE: 18-FEB-87 RELEASE STATUS: RELEASED		
			BASIC PART NUMBER: 7022623	ASSEMBLY NUMBER: C-AD-7022623-0-DBU	TOP DOCUMENT NUMBER: C-AD-7022623-0-DBU	FILE NAME: IGH307A.PLS	EDIT # 41

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## PARTS LIST

SHEET A1 OF A1

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

1	1 B-DO-5416961-0-0	54-16961-01	A	PWR SUPPLY/MONITOR MODULE	01
2	2 B-DO-5417106-0-0	54-17106-01	A	CRT ARC PROTECTION MODULE	A1

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: J. N. LIN	DATE: 13-JAN-87	TITLE PARTS LIST				
---	INITIAL	A	[A] 01		DES. ENG: J. P. LO	DATE: 13-JAN-87	PS/MONITOR AND ARC PROTECTION ASSY				
			[B]				DOCUMENT NUMBER				
			[C]				SIZE CODE NUMBER REV				
			[D]				K PL 7024516-0-DBP A				
			[E]								
			[F]		RESP. ENG.: O. LIN	DATE: 13-JAN-87					
			[G]								
			[H]								
			[I]								
			[J]								
					MFG. ENG: GORDON WU	DATE: 26-JAN-87	RELEASE DATE: 18-FEB-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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DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS															
				SIZE	CODE	NUMBER	REV.	B	DD	5416961-0-0	A	REV.	SIZE	CODE	NUMBER	REV.			
		54-16961-01	PWR SUP/MONITOR MODULE	A1															
D-UA-5416961-0-0	1		UNIT ASSY	A															
B-CS-5416961-0-1	3		SCHEMATIC	A															
K-PL-5416961-0-DBP	6		PARTS LIST	A															
K-PC-5416961-0-DBV	1		P.C. DESIGN DATA BASE	A															
K-CS-5416961-0-DBX	1		VALID DATA BASE	A															
		50-16960-01	ETCH CIRCUIT BOARD	F1															
B-DD-5016960-0-0	1		DRAWING DIRECTORY	A															
<b>NOTES:</b>																			
<small>THIS DRAWING 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 PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. THIS IS AN UNPUBLISHED WORK PRO- TECTED UNDER THE FEDERAL COPYRIGHT LAWS.</small>				REVISION HISTORY	DATE	ECONO.	REV.												
<small>1987</small>					JAN	87	A												
				DRN.	F. LIU			DATE											
				CHK'D	B. CHEN			DATE											
				DES. ENG.	C.L. CHUANG			DATE											
				RESP. ENG.	L. JEAN			DATE											
				MFG. ENG.	Gary Etienne			DATE											
								6Feb 87											
				TITLE															
				DWG DIR, PWR SUP/MONITOR MODULE															
				DOCUMENT NUMBER															
				SIZE	CODE	NUMBER													
				B	DD	5416961-0-0													
				REV.															
				SHEET															
				1 OF															

## PARTS LIST

SHEET A1 OF A6

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
					01	A1
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 +80/-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 +80/-20% Z5U C	4	C603,C921-C923
5	5		10-12784-00	0.047MFD 50V +80/-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 +80/-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 +80/-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		DATE: 05-MAY-86			
---	INITIAL	A	[A] 01 [M] [B] [N] [C] [P] [D] [Q] [E] [R] [F] [S] [H] [T] [J] [V] [K] [W] [L] [Y]	CHK'D: B CHEN DATE: 05-MAY-86 DES.ENG: CL CHUANG DATE: 05-MAY-86 RESP.ENG.: L JEAN DATE: 05-MAY-86 MFG.ENG: G. CHRISTIANSEN DATE: 26-JAN-87	TITLE POWER SUPPLY/MONITOR MODULE  DOCUMENT NUMBER  SIZE!CODE! NUMBER ! REV K PL 5416961-0-DBP A RELEASE DATE: 18-FEB-87 RELEASE STATUS: RELEASED			
				BASIC PART NUMBER: 5416961	ASSEMBLY NUMBER: D-UA-5416961-0-0	TOP DOCUMENT NUMBER: B-DD-5416961-0-0	FILE NAME: IGH706A.PLS	EDIT # 40

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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,TO-220 01.25X0.87	1	H901

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

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

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

## PARTS LIST

SHEET A4 OF A6

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION							QTY PER VAR/REV	REFERENCE DESIGNATORS
129	129	13-02396-00	150.0	K	.25	W	5.0	%	CF	1	R602	
130	130	13-02398-00	470.0	K	.25	W	5.0	%	CF	5	R841,R930-R932,R941	
131	131	13-02465-00	18.0	K	.25	W	5.0	%	CF	2	R671 R903	
132	132	13-02466-00	100.0	K	.25	W	5.0	%	CF	2	R620,R915	
133	133	13-02514-00	39.0	K	.25	W	5.0	%	CF	1	R635	
134	134	13-02602-00	56.0		.25	W	5.0	%	CF	1	R820	
135	135	13-03179-00	8.20	K	.25	W	5.0	%	CF	2	R601,R656	
136	138	13-03187-00	820.0	K	.25	W	5.0	%	CF	1	R506	
137	137	13-03312-00	10.0	K	.25	W	1.0	% RN55D-F10		1	R942	
138	138	13-04840-00	62.0	K	.25	W	5.0	%	CF	1	R638	
139	139	13-04855-00	9.09	K	.25	W	1.0	% RN55D-F10		1	R940	
140	140	13-04856-00	4.64	K	.25	W	1.0	% RN55D-F10		1	R925	
141	141	13-05131-00	274.0	K	.25	W	1.0	% RN55D-F10		1	R503	
142	142	13-05346-00	27.0	K	.25	W	5.0	%	CF	4	R608,R626,R944,R947	
143	143	13-05423-00	226.0	K	.25	W	1.0	% RN55D-F10		1	R522	
144	144	13-09421-00	2.0		.50	W	5.0	%	CF	1	R662	
145	145	13-09595-00	1.0	M	.25	W	5.0	%	CF	2	R640,R929	
146	146	13-10867-00	680.0	K	.25	W	5.0	%	CF	3	R831,R921,R939	
147	147	13-11604-00	.20		3.0	W	3.0	% WW		1	R825	
148	148	13-11996-02	VARISTOR		275VAC	VOLT	TRANS	SUP		1	R801	
149	149	13-12618-00	16.90	K	.25	W	1.0	% RN55D-F10		1	R605	
150	150	13-12932-00	36.0	K	.25	W	5.0	%	CF	1	R514	
151	151	13-13349-00	33.0	K	.25	W	5.0	%	CF	1	R630	
152	152	13-13476-00	51.10	K	.25	W	1.0	% RN55D-F10		2	R813,R912	
153	153	13-13752-00	15.0	K	.25	W	1.0	% RN55D-F10		1	R524	
154	154	13-14270-05	THERMISTOR	NTC	7.0		15%			2	R802,R803	
155	155	13-15096-00	1.87	K	.25	W	1.0	% RN55D-F10		1	R906	
156	156	13-15764-00	1.0	K	5.0	W	3.0	% WW		1	R612	
157	157	13-16522-01	100.0	K	.25	W	20.0	% POT		2	R505,R509	
158	158	13-16522-08	5.0	K	.25	W	20.0	% POT		2	R518,R604	
159	159	13-16522-09	100.0		.25	W	20.0	% POT		1	R609	
160	160	13-16522-11	30.0	K	.25	W	20.0	% POT		1	R521	
161	161	13-16845-00	3.30		.50	W	5.0	% CF		2	R511,R830	
162	162	13-17917-00	500.0		13.0	W	5.0	% WW		1	R827	
163	163	13-18341-43	8.45	K	.25	W	1.0	% RN55D-F10		1	R936	
164	164	13-18546-02	43.20	K	.25	W	1.0	% RN55D-F10		1	R943	
165	165	13-19019-00	105.0	K	.25	W	1.0	% RN55D-F10		1	R904	
166	166	13-19325-01	392.0		.25	W	1.0	% RN55D-F10		1	R527	
167	167	13-19470-33	1.50	K	1.0	W	5.0	% M.OXIDE		1	R610	
168	168	13-19470-48	33.0	K	1.0	W	5.0	% M.OXIDE		1	R901	
169	169	13-19470-51	68.0	K	1.0	W	5.0	% M.OXIDE		1	R804	
170	170	13-19471-03	20.0		2.0	W	5.0	% M.OXIDE		1	R919	
171	171	13-19471-36	5.60	K	2.0	W	5.0	% M.OXIDE		1	R907	
172	172	13-19932-01	820.0	K	.50	W	5.0	% CF		1	R652	
173	173	13-20300-08	500.0		0.5	W	20.0	% POT		1	R905	
174	174	13-20415-03	249.0	K	.25	W	1.0	% RN55D-F10		1	R504	
175	175	13-20607-01	1.0		.50	W	5.0	% CF		1	R513	
176	176	13-20608-01	3.30		.25	W	5.0	% CF		1	R828	
177	177	13-20711-01	330.0	K	.50	W	5.0	% CF		1	R651	
178	178	13-22400-01	220.0		3.0	W	5.0	% M.OXIDE		1	R826	

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

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	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							POWER SUPPLY/MONITOR MODULE		K	PL	5416961-0-DBP	A

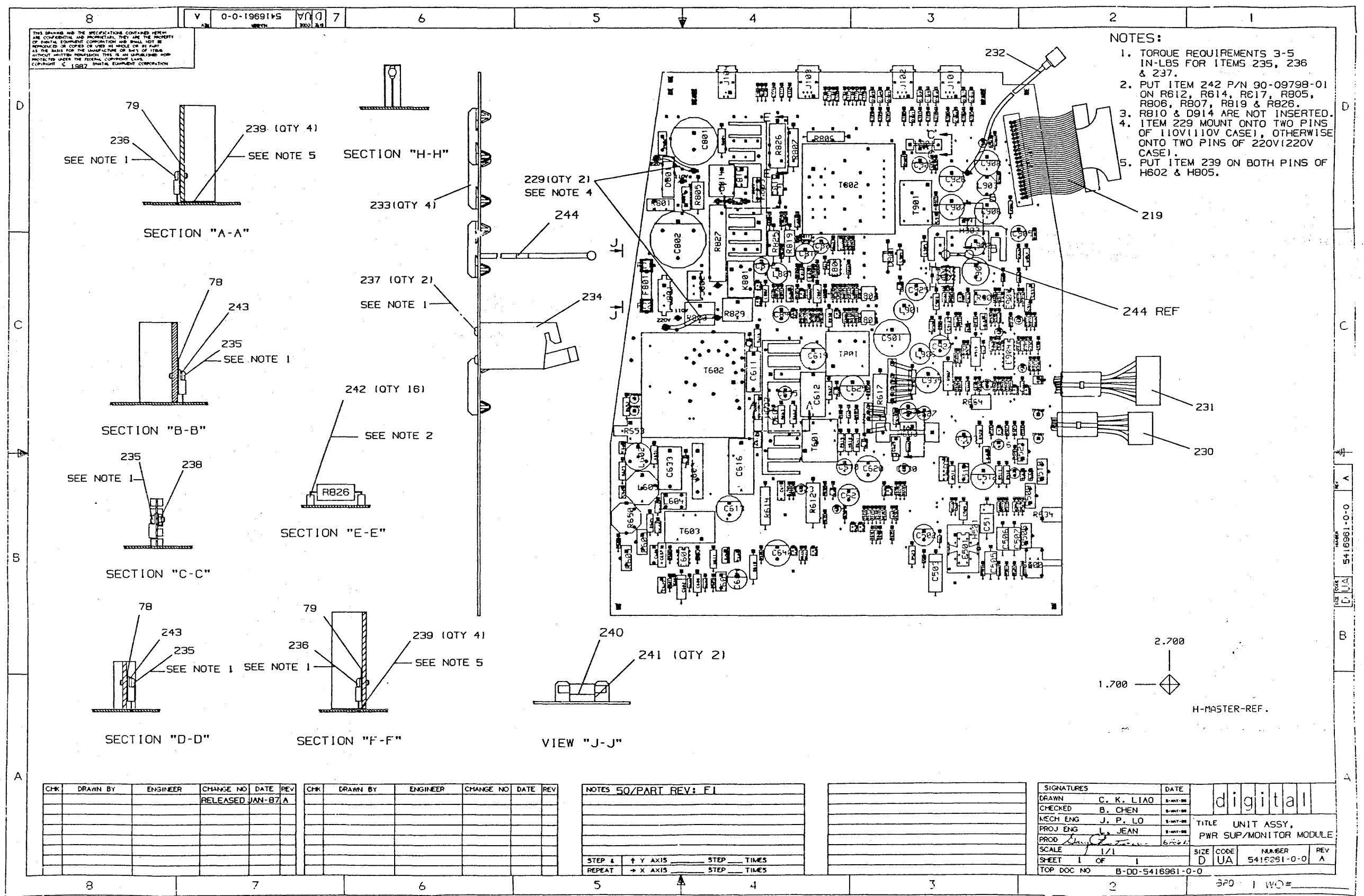
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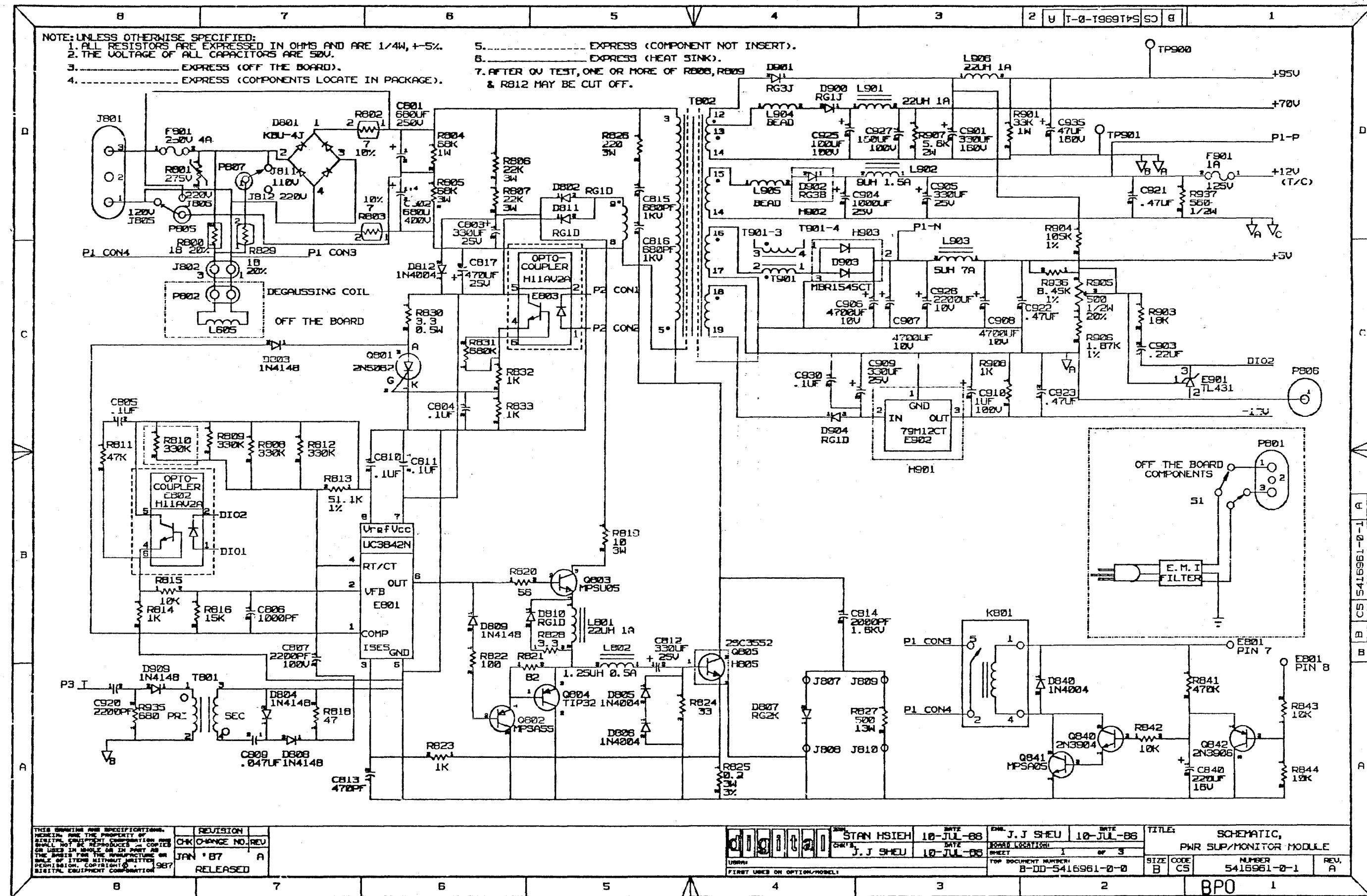
## P A R T S   L I S T

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	SIZE	CODE	DOCUMENT NUMBER	REV
							POWER SUPPLY/MONITOR MODULE		K PL	5416961-0-DBP	A





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JAN '87

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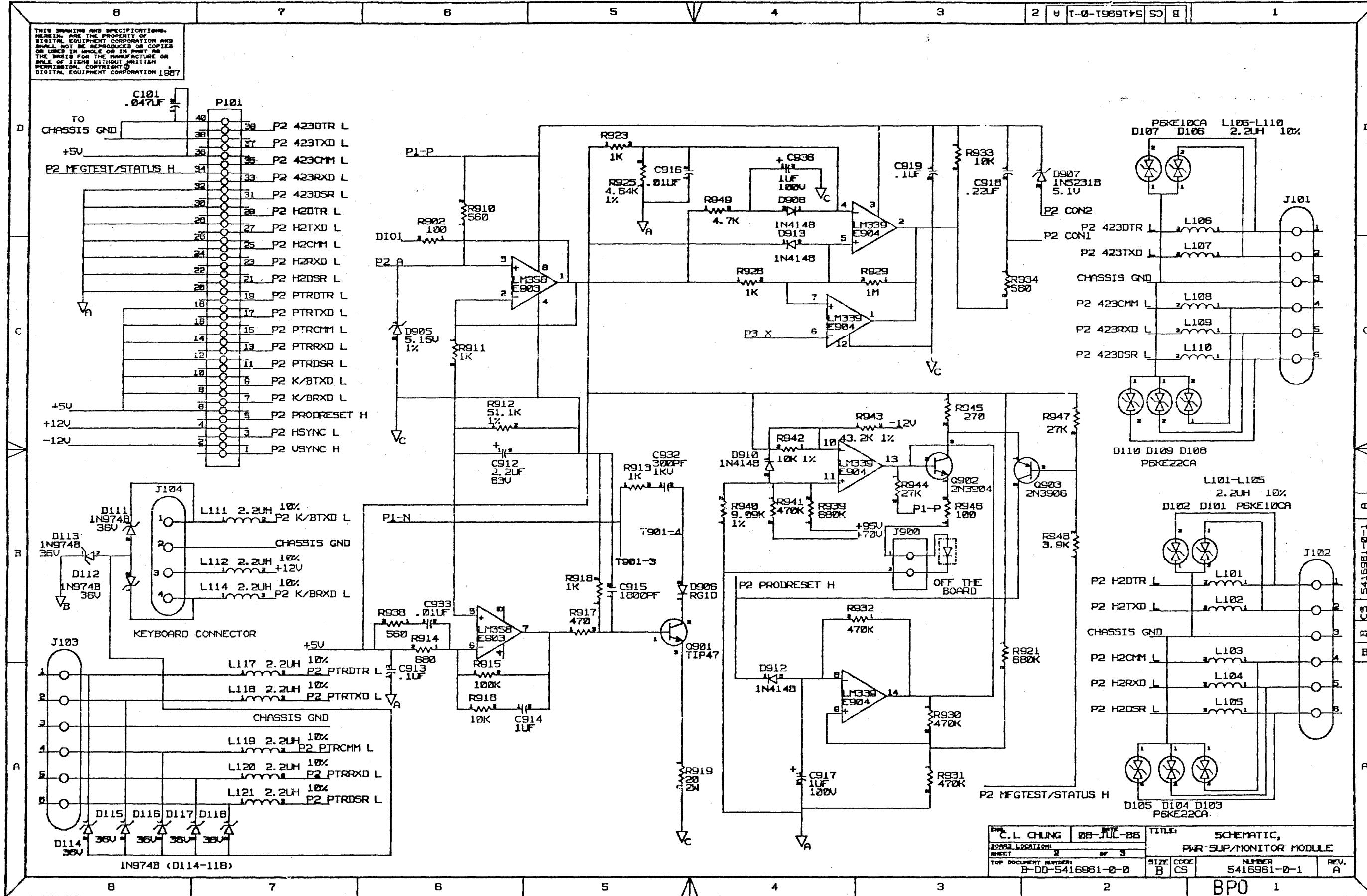
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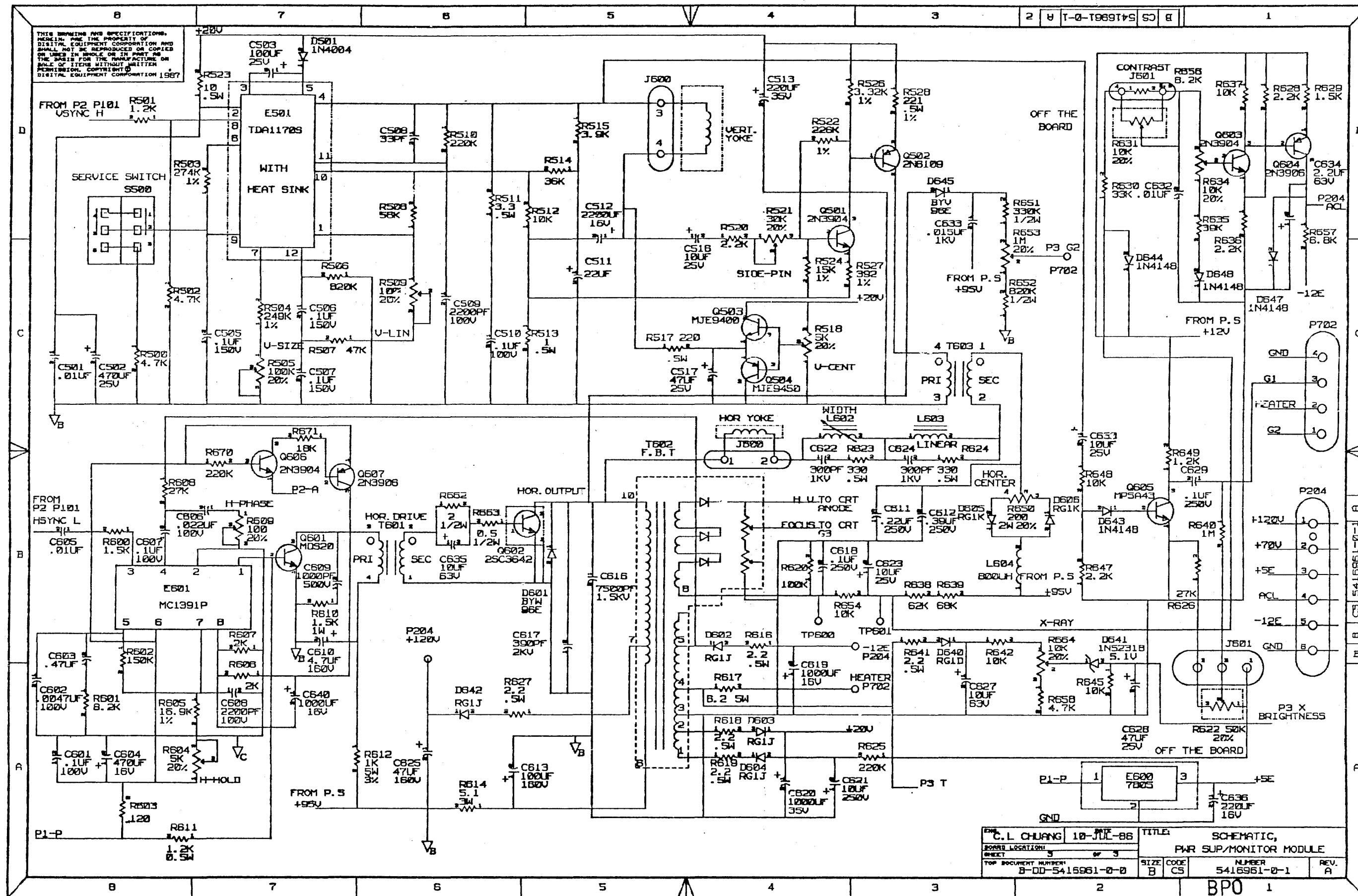
REVISION	CHANGE NO.	REV	STAN HSIEH	DATE	J. J. SHEU	DATE	TITLE:
CHK			digital	10-JUL-88	digital	10-JUL-88	PWR SUP/MONITOR MODULE
			J. J. SHEU	10-JUL-88			

FIRST USED ON OPTION/MODEL

TOP DOCUMENT NUMBER:  
B-00-5416961-0-0

SIZE CODE  
B CS  
NUMBER  
5416961-0-1  
REV.  
A





B	SIZE	CODE	5417106-0-0	REV.	A
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DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS														
		54-17106-01	CRT ARC PROTECTION MODULE	A1														
D-UA-5417106-0-0	1		UNIT ASSY	A														
B-CS-5417106-0-1	1		SCHEMATIC	A														
K-PL-5417106-0-DBP	1		PARTS LIST	A														
K-PC-5417106-0-DBV	1		P.C. DESIGN DATA BASE	A														
K-CS-5417106-0-DBX	1		VALID DATA BASE	A														
		50-17105-01	ETCH CIRCUIT BOARD	C1														
B-DD-5017105-0-0	1		DRAWING DIRECTORY	A														
<hr/>																		
<b>NOTES:</b>																		
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1987								REVISION HISTORY		DATE	ECO NO.	REV.						
						JAN 87	RELEASED	A										
<p>DRN. F. LIU DATE 5-MAY-86</p> <p>CHK'D B. CHEN DATE 5-MAY-86</p> <p>DES. ENG. C. L. CHUANG DATE 5-MAY-86</p> <p>RESP. ENG. L. JEAN DATE 5-MAY-86</p> <p>MFG. ENG. <i>George Hamilton</i> DATE 6 Feb 87</p>																		
<p>TITLE DWG DIR, CRT ARC PROTECTION MODULE</p> <p>DOCUMENT NUMBER</p> <p>SIZE CODE NUMBER REV.</p> <p>B DD 5417106-0-0 A</p> <p>SHEET 1 OF 1</p>																		

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
					01	
					A1	
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			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		CRT ARC PROTECTION MODULE
			[B]		[N]			
			[C]		[P]	DES.ENG: CL CHUANG		
			[D]		[Q]	DATE: 05-MAY-86		
			[E]		[R]			DOCUMENT NUMBER
			[F]		[S]	RESP.ENG.: L. JEAN	SIZE!CODE!	NUMBER
			[H]		[T]	DATE: 05-MAY-86	K	PL
			[J]		[V]		5417106-0-DBP	A
			[K]		[W]	MFG.ENG: G. CHRISTIANSEN	RELEASE DATE: 04-FEB-87	
			[L]		[Y]	DATE: 26-JAN-87		RELEASE STATUS: RELEASED
			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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7 D U A 5417106-0-0 A  
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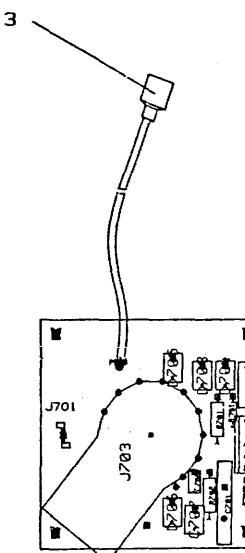
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1.700

H-MASTER-REF.

CHK	DRAWN BY	ENGINEER	CHANGE NO	DATE	REV
			RELEASED	JAN-87	A

CHK	DRAWN BY	ENGINEER	CHANGE NO	DATE	REV
			RELEASED	JAN-87	A

NOTES 50/PART REV C1					
STEP 4 ↑ Y AXIS	STEP	TIMES			
REPEAT → X AXIS	STEP	TIMES			

SIGNATURES	DATE	digital
DRAWN N. LEE	5-MAY-88	
CHECKED B. CHEN	5-MAY-88	
MECH ENG J. P. LO	5-MAY-88	
PROJ ENG L. JEAN	5-MAY-88	
PROD Engg. Ch. 6/1987		
SCALE 1/1		
SHEET 1 OF 1		
TOP DOC NO B-00-5417106-0-0		
D U A	5417106-0-0	A

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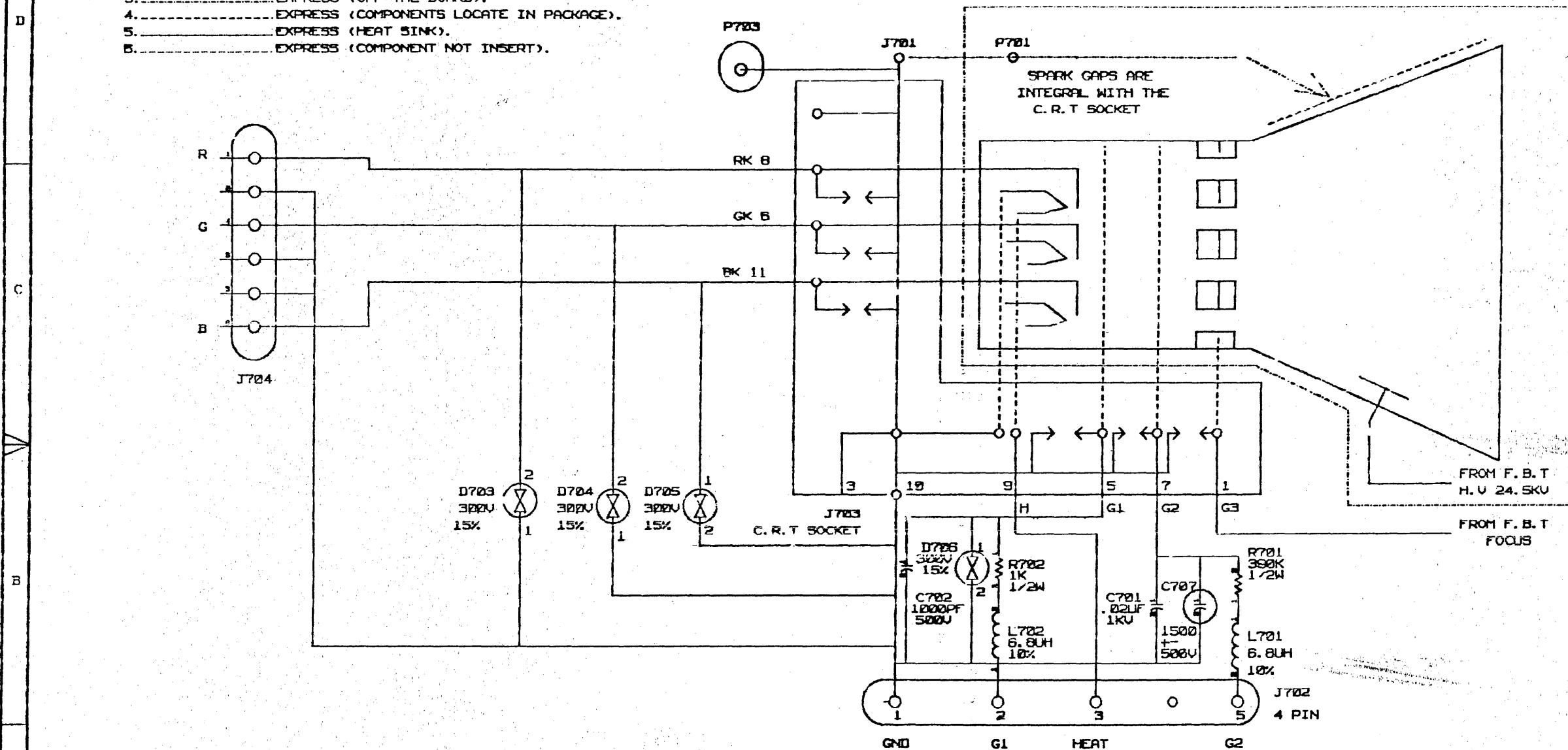
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NOTE: UNLESS OTHERWISE SPECIFIED:

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

OFF THE BOARD

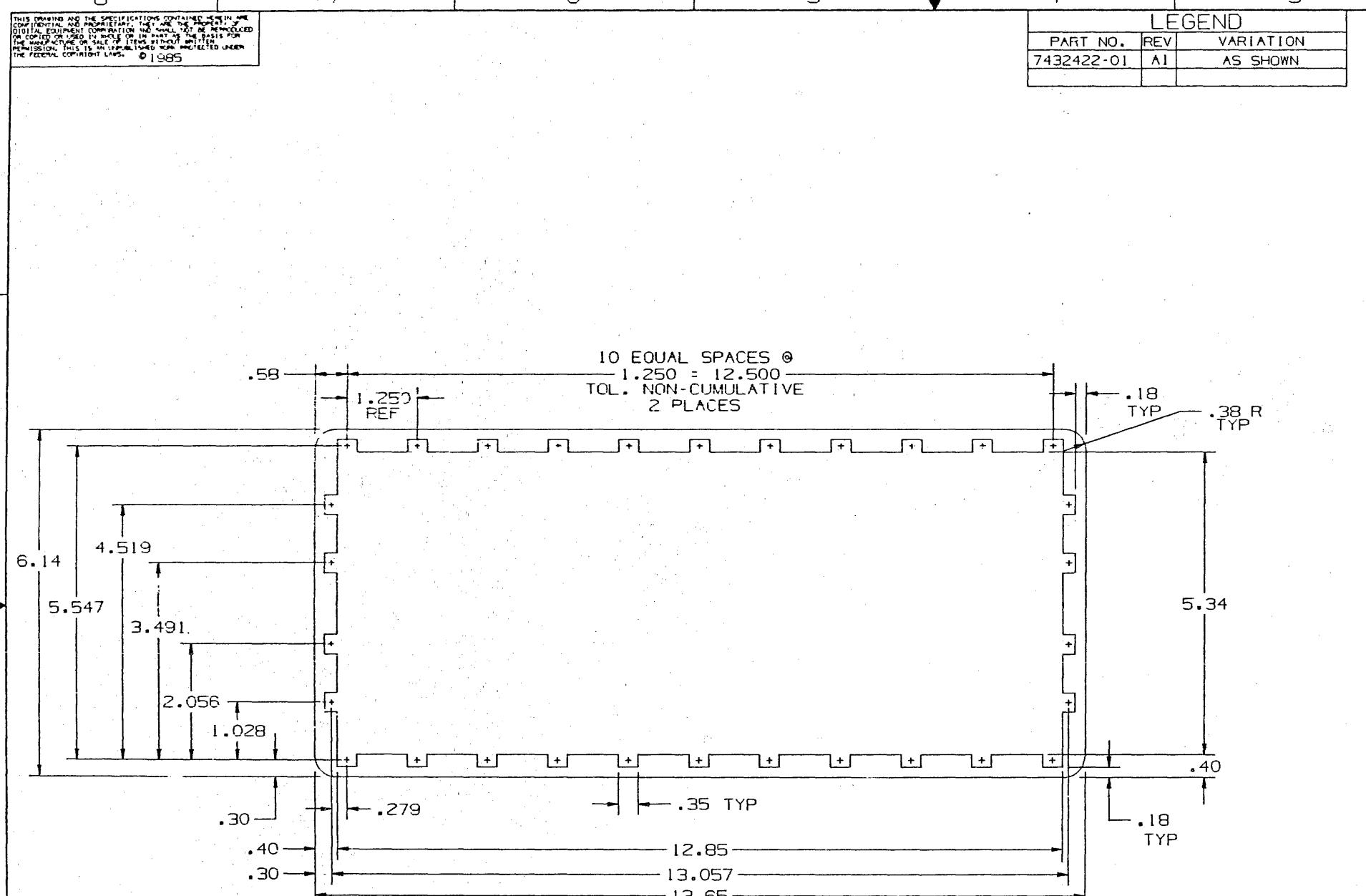


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REVISION  
CHG CHANGE NO. REV  
JAN '87 A  
RELEASED

STAN HSIEH	10-JUL-86	C. L. CHUANG	10-JUL-86	TITLE: SCHEMATIC, CRT ARC PROTECTION MODULE
L. C. CHEN	10-JUL-86	DATE ISSUED LOCATION		
TOP DOCUMENT NUMBER: B-DO-5417106-0-0		SHEET 1 OF 1		
FIRST USED ON OPTION/MODEL:		SIZE B	CODE CS	NUMBER 5417106-0-1
		REV. A		

8	7	6	5	↓	4	3	↑	2	1	
					LEGEND					
					PART NO.	REV.	VARIATION			
					7432422-01	A1	AS SHOWN			

Technical drawing of a T-shaped spacer. The top horizontal part has a total width of .58 and a reference dimension of 1.250. It contains 10 equal spaces, each 1.250 wide, totaling 12.500. The tolerance is TOL. NON-CUMULATIVE 2 PLACES. The vertical leg on the right has a height of .38 R TYP. The bottom part has a total width of 13.65, with a central slot of .35 TYP and side walls of .40. Vertical dimensions include 6.14, 5.547, 4.519, 3.491, 2.056, 1.028, .30, .40, .30, .279, 12.85, 13.057, and 13.65. Reference lines are labeled A through D.

LAYER #1 INFORMATION LAYER									
PLOT AT: 1.00									

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 1141)																																																							
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="2">INCHES</th> <th colspan="2">ANGLES</th> <th colspan="6">DIMENSION RANGE IN INCHES</th> </tr> <tr> <th colspan="2">DIMENSION</th> <th colspan="2">TOLERANCE</th> <th colspan="2">OVER</th> <th colspan="2">OVER</th> <th colspan="2">OVER</th> <th colspan="2">OVER</th> </tr> <tr> <th>X1</th> <th>± .1</th> <th>X2</th> <th>± .02</th> <th>.0</th> <th>.2</th> <th>.1</th> <th>.2</th> <th>.0</th> <th>.1</th> <th>.0</th> <th>.1</th> </tr> </thead> <tbody> <tr> <td>X1-X2</td> <td>± .005</td> <td></td> <td></td> <td>0.004</td> <td>0.008</td> <td>0.012</td> <td>0.016</td> <td>0.024</td> <td>0.04</td> <td>0.06</td> <td>0.08</td> </tr> </tbody> </table>										INCHES		ANGLES		DIMENSION RANGE IN INCHES						DIMENSION		TOLERANCE		OVER		OVER		OVER		OVER		X1	± .1	X2	± .02	.0	.2	.1	.2	.0	.1	.0	.1	X1-X2	± .005			0.004	0.008	0.012	0.016	0.024	0.04	0.06	0.08
INCHES		ANGLES		DIMENSION RANGE IN INCHES																																																			
DIMENSION		TOLERANCE		OVER		OVER		OVER		OVER																																													
X1	± .1	X2	± .02	.0	.2	.1	.2	.0	.1	.0	.1																																												
X1-X2	± .005			0.004	0.008	0.012	0.016	0.024	0.04	0.06	0.08																																												

FIRST HIGHER ASSET E-AD-7022679-0-DBU		QUANTITY & VARIATION		THIRD ANGLE PROJECTION		DRAWING NO.		PART NO.	
						DATE		ITEM NO.	
				C. LARSEN/A.R. 13SEP85		TITLE		digital	
				AL RAMIREZ 20SEP85		GASKET, SPACER T-NET		DOCUMENT NUMBER	
		TOP DOC. D-MD-7432422-0-DBU		SIZE CODE NUMBER		REV.			
								SCALE 1/1 SHEET 1 OF 1	

REVISIONS		CHANGE NO.		REV.		DATE		TITLE	
INITIAL		CL		C		10MAY85		digital	

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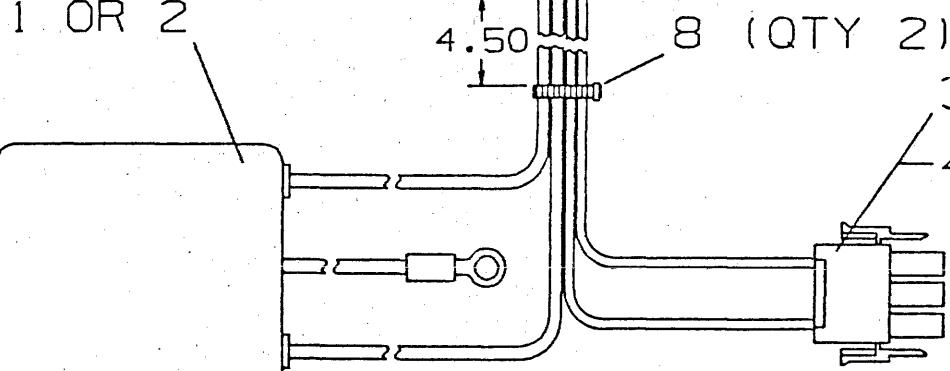
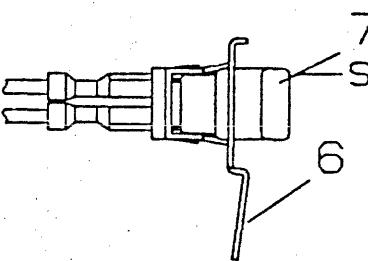
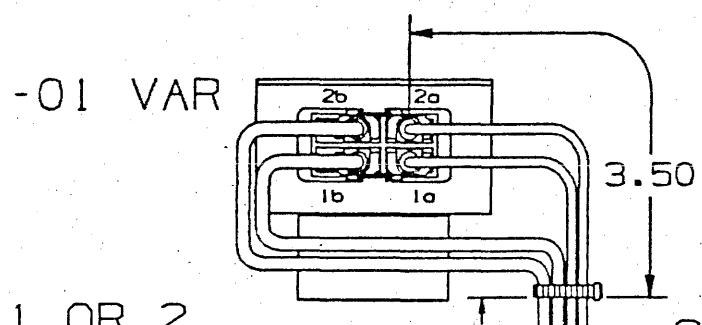
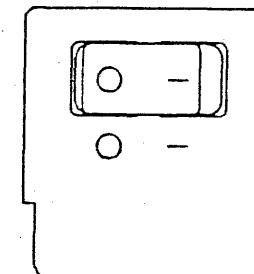
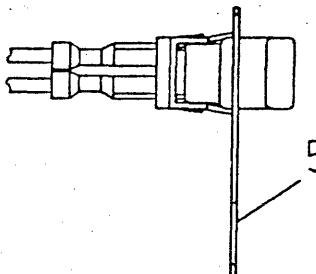
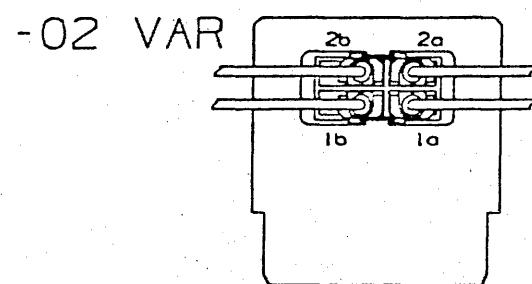
### LEGEND

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	CONNECTION
1 OR 2	18	BRN	-	SI - 2b
1 OR 2	18	BLU	-	SI - 1b
3 OR 4	18	BRN	P501-1/P801-1	SI - 2a
3 OR 4	18	BLU	P501-3/P801-3	SI - 1a



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	
A		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 1141)							
				INCHES TOLERANCES		ANGLES TO 30°	APPLICABLE DIMENSION RANGE		DIMENSIONS RANGE IN INCHES		
QUANTITY & VARIATION	X1: 8.1 XX1: 0.02 XXX1: 0.005	SURFACE QUALITY	100% CHECK SHELL		OVER 0 TO 0.2	OVER 0.2 TO 1.2	OVER 1.2 TO 4.0	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0	OVER 40.0 TO 60.0	
			MICRONESSES				.02	.03	.05	.10	
					.004	.006	.012	.016	.024	.04	
THIRD ANGLE PROJECTION				DIN	J.N. LIN	DATE 29-APR-86	TITLE		digital		
				CHK'D	J.P. LO	DATE 18-DEC-86					
DO NOT SCALE DRAWING				DES ENG	J. KUO	DATE 29-APR-86					
REMOVE BURRS AND BREAK SHARP CORNERS				RESP ENG	O. LIN	DATE 18-DEC-86					
MATERIAL				MFG ENG	G. WU	DATE 23-JAN-87	DOCUMENT NUMBER				
FINISH				TOP DOC. NO.	C-AD-7022620-0-DBU		SIZE	CODE	NUMBER	REV	
							C	AD	7022620-0-DBU	A	
				SCALE	NONE		SHEET	1	of	1	

AUTOMATED BY VAXKPL (V1.3)

## PARTS LIST

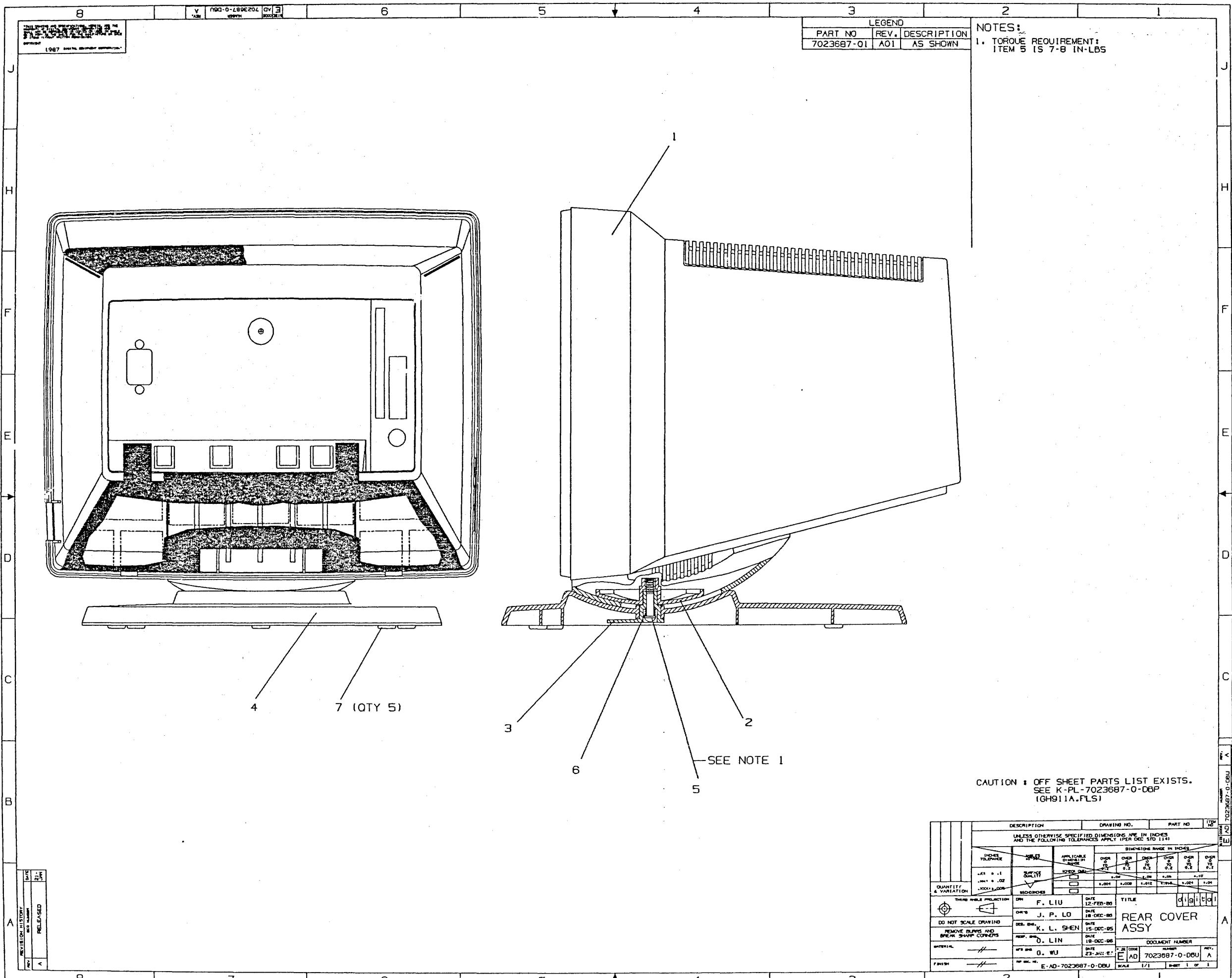
SHEET A1 OF A1

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION	
					01 A1	02 A1

1	1	B-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	7		12-26116-01	SW, RKR, DPST	16A12	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			CHK'D: J. P. LO	TITLE PARTS LIST					
---	INITIAL	A	[A]	01,02		DATE: 18-DEC-86	INLET/SWITCH ASSY					
			[B]									
			[C]			DES.ENG: J. KUO						
			[D]			DATE: 29-APR-86						
			[E]				DOCUMENT NUMBER					
			[F]			RESP.ENG.: O. LIN	SIZE	CODE	NUMBER	REV		
			[H]			DATE: 18-DEC-86	K	PL	7022620-0-DBP	A		
			[J]			MFG.ENG: G. WU	RELEASE DATE: 18-FEB-87					
						DATE: 26-JAN-87	RELEASE STATUS: RELEASED					
			BASIC PART NUMBER:			ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:			FILE NAME:	EDIT #	
			7022620			I-C-AD-7022620-0-DBU	I-C-AD-7022620-0-DBU			I-GH304A.PLS	12	

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AUTOMATED BY VAXKPL (V1.3)

## PARTS LIST

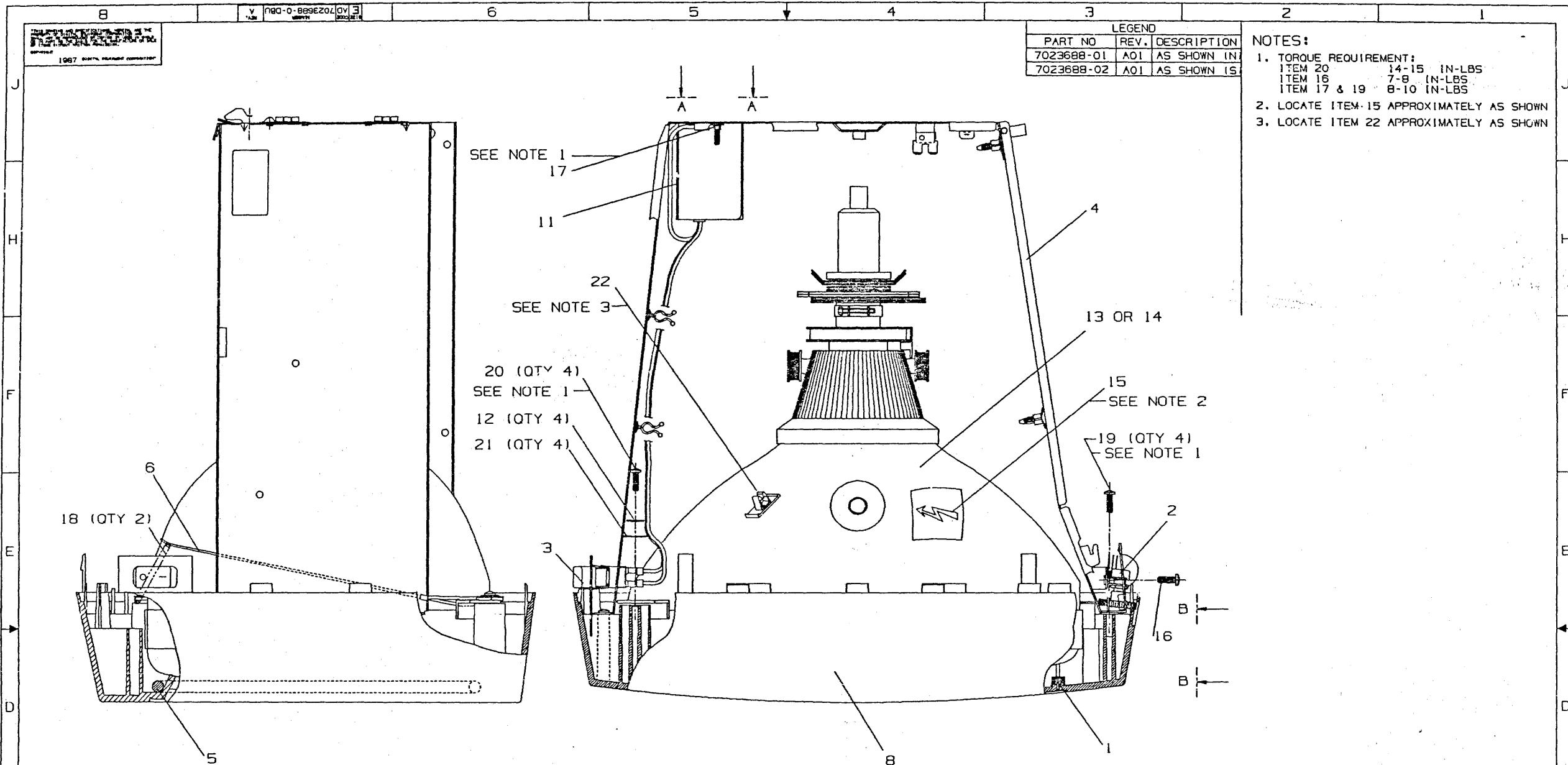
SHEET A1 OF A1

QUANTITY PER VARIATION/REVISION

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

REVISION HISTORY			KPL MATRIX FORMAT	SECTION A OF A	DRN: F. LIU	D I G I T A L		
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 28-FEB-86		
		A	[A] 01		CHK'D: J. P. LO	TITLE PARTS LIST		
			[B]		DATE: 18-DEC-86	REAR COVER ASSY		
			[C]		DES.ENG: K. L. SHEN	DOCUMENT NUMBER		
			[D]		DATE: 28-FEB-86	SIZE CODE NUMBER REV		
			[E]			K PL 7023687-0-DBP A		
			[F]		RESP.ENG.: O. LIN			
			[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: 7023687			ASSEMBLY NUMBER: E-AD-7023687-0-DBU			TOP DOCUMENT NUMBER: E-AD-7023687-0-DBU	FILE NAME: GH911A.PLS	EDIT # 2

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VIEW: "A-A"

SCALE: 2A

VIEW: "B-B"

SCALE: 1

CAUTION : OFF SHEET PARTS LIST EXISTS.  
SEE K-PL-7023688-0-DBP  
(GH912A-PLS)

		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 TOLERANCE	ANGLE TOLERANCE	APPLICABLE DIMENSION	DIMENSION RANGE IN INCHES		
		W.H.T. ± .1	SURFACE QUALITY	OVER 0.012	OVER 0.008	OVER 0.005
	W.H.T. ± .02	W.H.T. ± .005	± .004	± .008	± .012	± .016
	ROCK & DOD	W.H.T. ± .002			± .004	± .004
SECOND ANGLE PROJECTION		DRW F. LIU	DATE 28-FEB-98	TITLE		digitrol
DO NOT SCALE DRAWING		DRW J.P. LO	DATE 18-DEC-98			
REMOVE BURRS AND DEAN SHARP CORNERS		DES. BY K.L. SHEN	DATE 05-JAN-98			
MATERIAL		REV. BY O. LIN	DATE 18-DEC-98			
FINISH		W.R. BY G. WU	DATE 23-JAN-98			
		TYPE BY E-A-D	DATE 23-JAN-98	CODE E-A-D	NUMBER 7023688-0-DBU	REV. A
				SCALE NONE	SHOOT 1	

AUTOMATED BY VAXKPL (V1.3)

## PARTS LIST

SHEET A1 OF A1

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	MIN	01	02	QUANTITY PER VARIATION/REVISION
						A1	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]			CHK'D: J. P. LO		
			[C]			DATE: 08-JAN-86		
			[D]			DES.ENG: K. L. SHEN		
			[E]			DATE: 28-FEB-86		
			[F]			RESP.ENG.: O. LIN		
			[H]			DATE: 08-JAN-86		
			[J]			MFG.ENG: GORDON WU		
						DATE: 26-JAN-87		
							RELEASE DATE: 18-FEB-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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4

3

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1

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## LEGEND

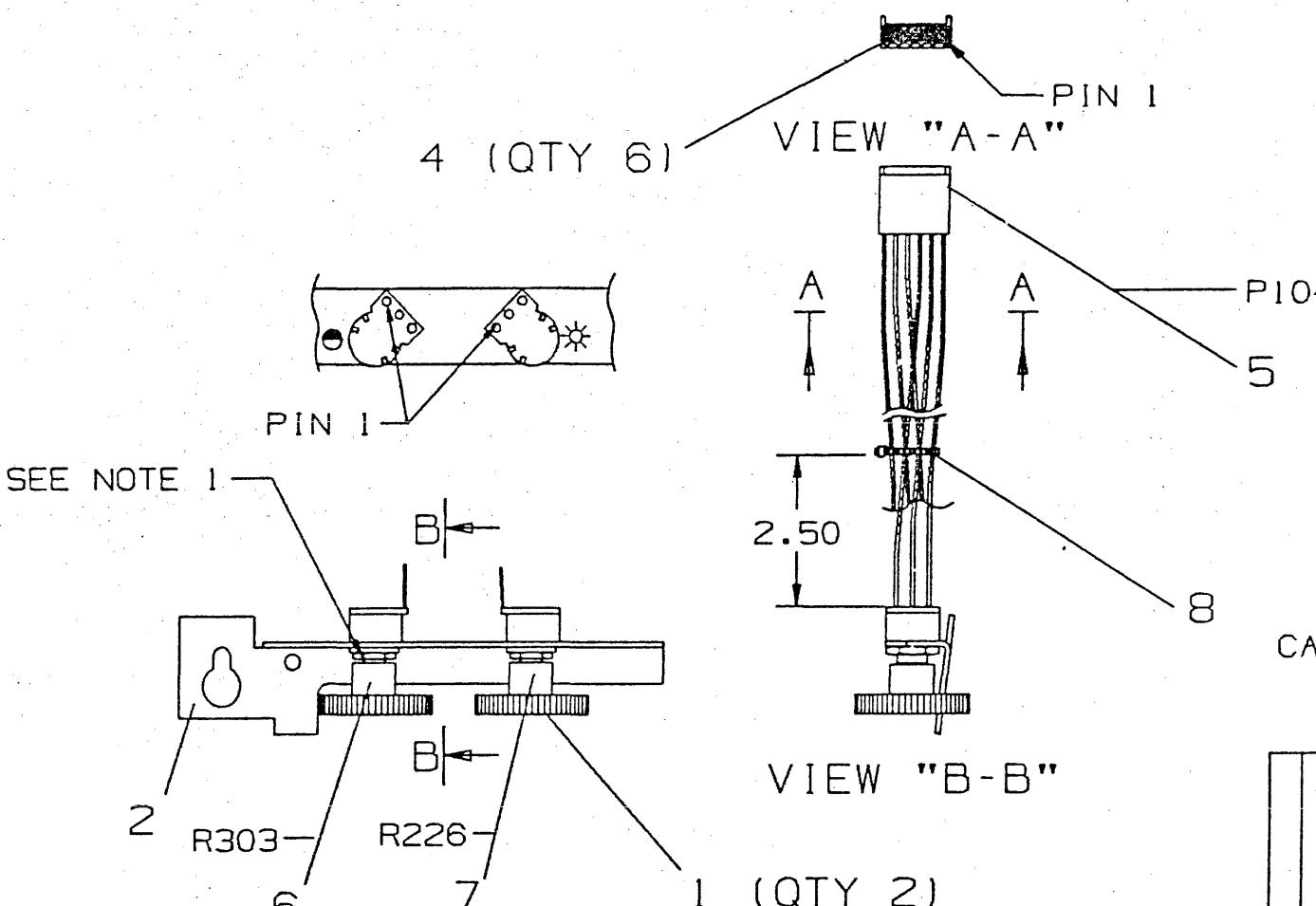
PART NO	REV.	DESCRIPTION
7022618-01	A01	SEE SHT 1 OF 2
7022618-02	A01	SEE SHT 2 OF 2

## NOTES:

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

## WIRE TABLE

ITEM NO	DESCRIPTION		FROM		TO		PRECUT LENGTH +.50/- .00
	AWG	COLOR	CONNECTION	WITH	CONNECTION	WITH	
9	22	BLK	P104-1	5	Ø R226-3	SOLDER	5.00
10	22	BRN	P104-2	5	Ø R226-2	SOLDER	5.00
11	22	RED	P104-3	5	Ø R226-1	SOLDER	5.00
12	22	ORN	P104-5	5	● R303-3	SOLDER	5.00
13	22	YEL	P104-4	5	● R303-2	SOLDER	5.00
14	22	GRN	P104-6	5	● 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 90°	APPLICABLE DIMENSION RANGE	DIMENSIONS RANGE IN INCHES					
X1 ± .1 XX1 ± .02 XXX ± .0003			SURFACE QUALITY	TO C.D.L. OR T.O.T. OR T.O.E.	OVER 0 TO 0.2 1.2	OVER 0.2 TO 1.2 4.0	OVER 1.2 TO 4.0 12.0	OVER 4.0 TO 12.0 40.0	OVER 12.0 TO 40.0 80.0	OVER 40.0 TO 80.0
QUANTITY & VARIATION			MICROINCHES		.004	.008	.012	.016	.024	.04
THIRD ANGLE PROJECTION 			DIM J. N. LIN DATE 29-APR-86	TITLE		digital				
DO NOT SCALE DRAWING			CHK'D J. P. LO DATE 16-DEC-86							
REMOVE BURRS AND BREAK SHARP CORNERS			DES'D J. KUO DATE 29-APR-86							
MATERIAL //			RESP'D O. LIN DATE 18-DEC-86							
FINISH //			MFG'D G. WU DATE 23-JAN-87							
TOP DOC. NO.			C-AD-7022618-0-DBU	DOCUMENT NUMBER						
			SCALE NONE	SHEET 1 OF 2						

REVISION HISTORY		
REV	ECO NUMBER	DATE
A	RELEASED	21-JAN

4

3

1

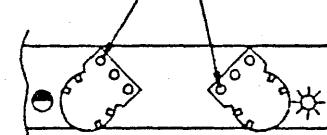
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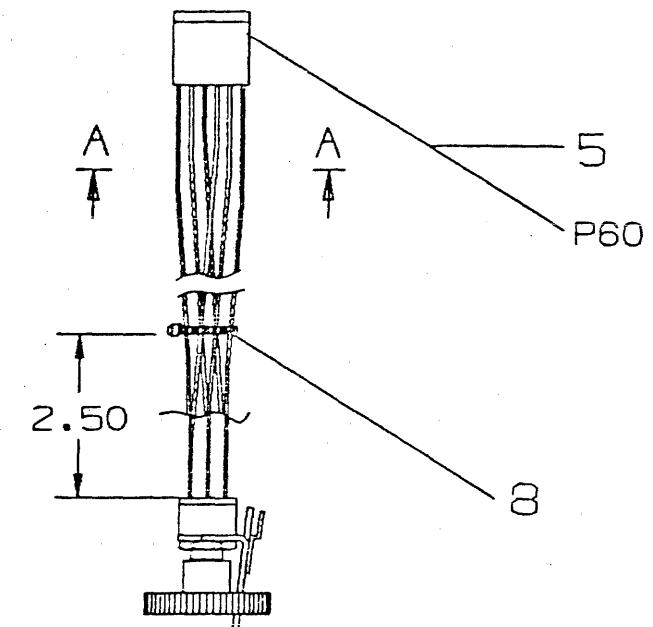
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### WIRE TABLE

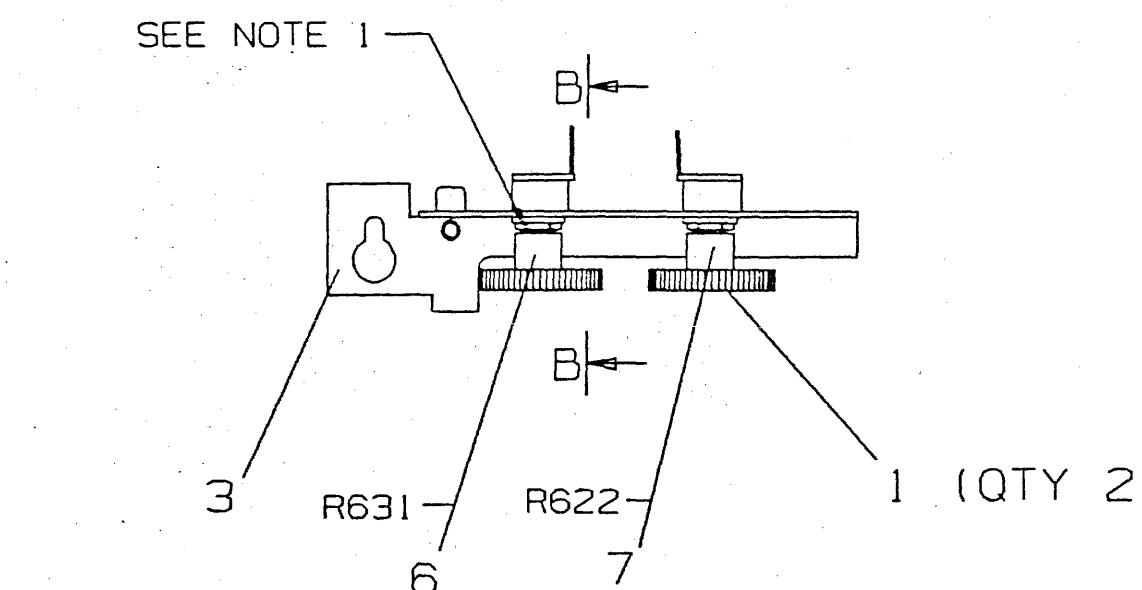
ITEM NO	AWG	DESCRIPTION COLOR	FROM CONNECTION		TO CONNECTION		PRECUT LENGTH +.50/-0.00
			WITH	5	WITH	5	
9	22	BLK	P601-6	5	Ø R622-3	SOLDER	8.50
10	22	BRN	P601-5	5	Ø R622-2	SOLDER	8.50
11	22	RED	P601-4	5	Ø R622-1	SOLDER	8.50
12	22	ORN	P601-1	5	Ø R631-3	SOLDER	8.50
13	22	YEL	P601-2	5	Ø R631-2	SOLDER	8.50
14	22	GRN	P601-3	5	Ø R631-1	SOLDER	8.50



4 (QTY 6)



VIEW "B-B"



1 (QTY 2)

DATE	ECO NUMBER	REV

REVISION HISTORY

TITLE CONTROL/  
BRKT ASSY

SIZE	CODE	NUMBER	REV.
C	AD	7022618-0-DBU	A

SCALE NONE SHEET 2 OF 2

AUTOMATED BY VAXKPL (V1.3)

## PARTS LIST

SHEET A1 OF A1

LINE ITEM	TOP DOCUMENT	PART NUMBER	REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION	
					MIN	01
A1	A1					02
1	1 C-MD-7432393-0-DBU	74-32393-01	A	THUMBWHEEL		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		-
4	4	12-14979-01		CONN,P+S 02PIN 30-22AWG .06	6	6
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
10	10 SEE NOTE 1	91-07900-11		WIRE, 22AWG(07/30) PVC 300V	8	6
11	11 SEE NOTE 1	91-07900-22		WIRE, 22AWG(07/30) PVC 300V	8	6
12	12 SEE NOTE 1	91-07900-33		WIRE, 22AWG(07/30) PVC 300V	8	6
13	13 SEE NOTE 1	91-07900-44		WIRE, 22AWG(07/30) PVC 300V	8	6
14	14 SEE NOTE 1	91-07900-55		WIRE, 22AWG(07/30) PVC 300V	8	6

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			CHK'D: J. P. LO	TITLE			PARTS LIST		
---	INITIAL	A	[A] 01,02			DATE: 18-DEC-86	CONTROL/BRACKET ASSY					
			[B]									
			[C]			DES.ENG: J. KUO	DOCUMENT NUMBER					
			[D]			DATE: 29-APR-86						
			[E]			RESP.ENG.: O. LIN	SIZE!CODE!			NUMBER		
			[F]			DATE: 18-DEC-86						
			[G]			MFG.ENG: GORDON WU	REV					
			[H]			DATE: 26-JAN-87	K PL			7022618-0-DBP		
			[I]				A					
			[J]									
			[K]									
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4                    3                    2                    1

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		VARIATION PART	REV	PACKAGE TYPE	REMARKS
37-00968-01	A1	INTERPLANT	VT340-A		
37-00968-02	A1	CUSTOMER	VT340-AA		
37-00968-03	A1	PALLETIZED/16	37-00968-01		
37-00968-04	A1	PALLETIZED/16	37-00968-02		

C PA 3700968-0-DBU A

REV. A

C

B

A

A

REV. C PA 3700968-0-DBU A

REV. C

B

A

A

REAR PANEL ASSEMBLY

REF

2 REQ'D

1      6      7      9

5      3      4      2

NOTES:

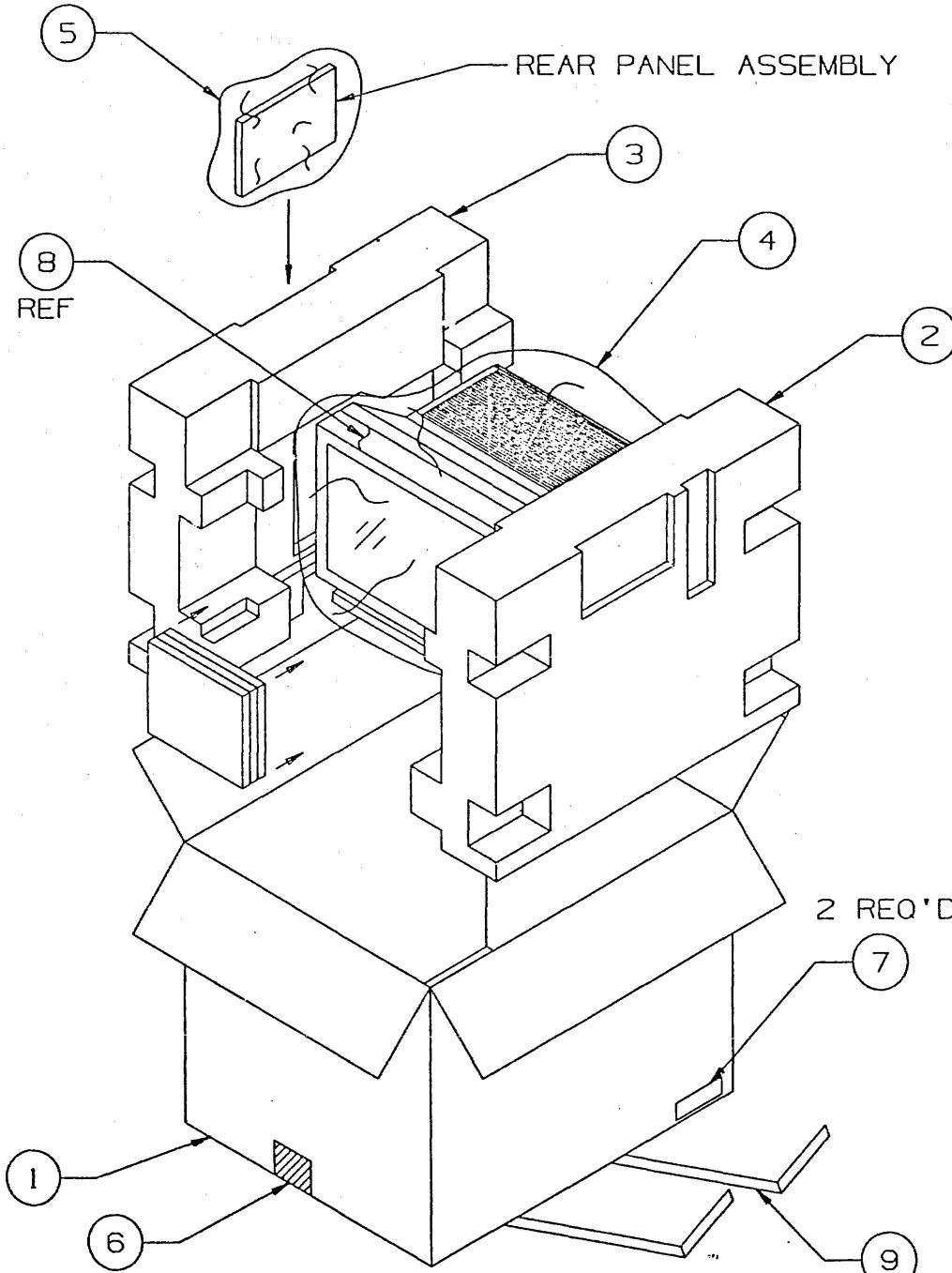
1. PLACE VT340, ITEM #8, INTO POLYETHYLENE BAG, ITEM #4 (99-06104-35), AND SEAL BY HEAT OR TAPE, ITEM #6 (99-06487-03).
2. SET UP CARTON, ITEM #1 (99-07966-01) AND TAPE BOTTOM WITH CARTON SEALING TAPE, ITEM #6 (99-06487-03).
3. PLACE THE CAVITY OF THE RIGHT PRE-MOLDED FOAM PAD, ITEM #2 (99-08074-01), 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).

FIGURE 1  
37-00968-01

LAYER 1/C JB  
PLOT AT .100

DRN	J.BYRA	DATE	6/19/87	TITLE	digital
CHK'D	N.SIMKINS	DATE	6/19/87		
DES. ENG.	LON TUN	DATE	6/19/87		
RESP. ENG.	K.COOPER	DATE	6/19/87		
MFG. ENG.	TED YU	DATE	6/19/87		
DOCUMENT NUMBER					
SIZE	CODE	NUMBER			
C	PA	3700968-0-DBU	REV. A		
TOP DOC. NO. C-PA-3700968-0-DBU					
SCALE NONE SHEET 1 of 3					

4                    3                    2                    1



## LEGEND

VARIATION PART	REV	PACKAGE TYPE	REMARKS
37-00968-01	A1	INTERPLANT	VT340-A
37-00968-02	A1	CUSTOMER	VT340-AA
37-00968-03	A1	PALLETIZED/16	37-00968-0
37-00968-04	A1	PALLETIZED/16	37-00968-0

**NOTE**

1. PLACE VT340, ITEM #8, INTO POLY-ETHYLENE 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 POLY-ETHYLENE 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).

FIGURE 1  
37-00968-01

DRN	J.BYRA	DATE	6/19/87	TITLE PKG. TERMINAL VT340	d	i	g	i	c	t	a	l
CHK'D	N.SIMKINS	DATE	6/19/87									
DES. ENG.	LON TUN	DATE	6/19/87									
RESP. ENG.	K.COOPER	DATE	6/19/87									
MFG. ENG.	TED YU	DATE	6/19/87									
				DOCUMENT NUMBER								
SIZE	CODE	NUMBER			REV.							
C	PA	3700968-0-DBU			A							
SCALE	NONE	SHEET	1		OF	3						
TOP DOC. NO.	C-PA-3700968-0-DBU											

