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FIELD MAINTENANCE PRINT SET

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K-CS-5417312-0-0	VS3100 SYSTEM MODULE

UNIT VARIATIONS
COVERED BY THIS
PRINT SET

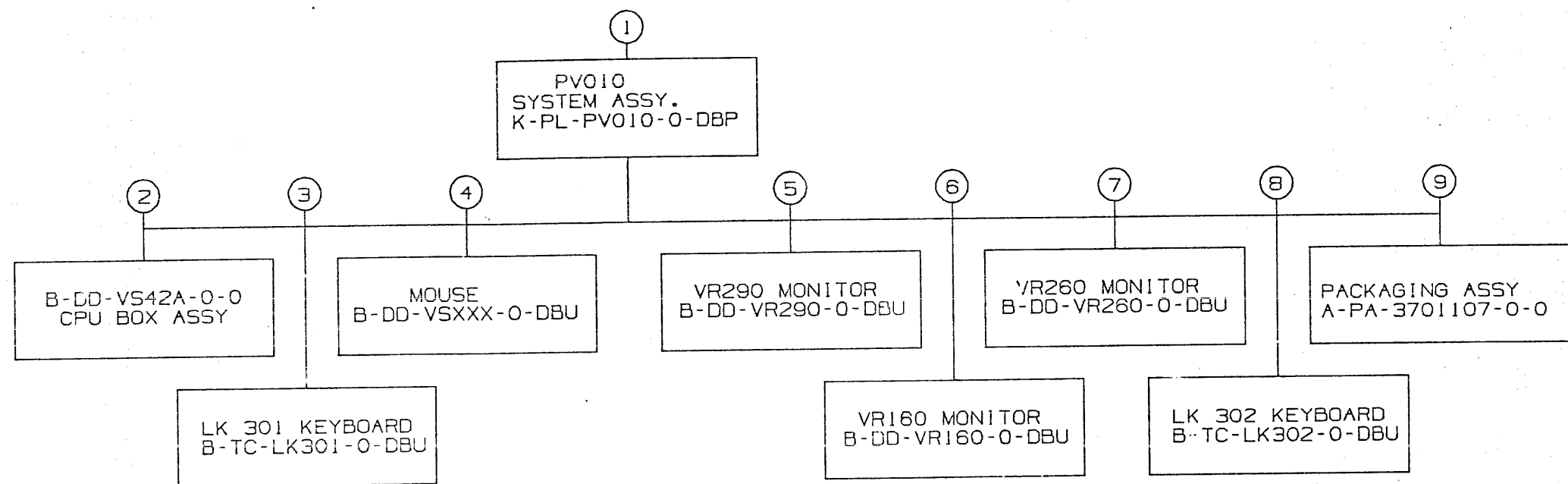
PV 3100
FIELD MAINTENANCE
PRINT SET

DIGITAL EQUIPMENT
CORPORATION

PRINT SET PART
NUMBER MP-02793-01
REV A

REVISION HISTORY			DRN.	DATE	TITLE	
REV.	ECO NUMBER	INITIAL RELEASE	J. DOIRON	01-20-89	PV 3100 (MODEL 30) (PVAX FAMILY)	
			CHK'D	DATE		
			C. JOHNSON	01-20-89		
			DES. ENG.	DATE		
			R. KIZINA	01-20-89		
			RESP. ENG.	DATE	SIZE CODE NUMBER REV. B TC PV3100-0-DBU A	
			C. JOHNSON	01-20-89		
			FIELD SERVICE	DATE		
			L. BARNSTABLE	01-20-89	SHEET 1 OF 1	
			TOP DOC.			

DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS															
				A	B														
K-PL-PV010-0-DBP	1		VS3100 SYSTEM ASSY	A	B														
		PV010-BC	VS42A-BA, 4MB, VMS, 120V, 19M	A1	A2														
		PV010-BD	VS42A-BA, 4MB, VMS, 240V, 19M	A1	A2														
		PV010-BF	VS42A-BA, 4MB, VMS, 120V, 19M	A1	A2														
		PV010-BG	VS42A-BC, 4MB, VMS, 120V, 16C	A1	A2														
		PV010-BH	VS42A-BC, 4MB, VMS, 120V, 19C	A1	A2														
		PV010-BT	VS42A-BC, 4MB, VMS, 120V, 16C	A1	A2														
		PV010-BU	VS42A-BC, 4MB, VMS, 240V, 16C	A1	A2														
		PV010-BV	VS42A-BC, 4MB, VMS, 240V, 16C	A1	A2														
		PV010-BW	VS42A-BC, 4MB, VMS, 120V, 19C	A1	A2														
		PV010-BY	VS42A-BC, 4MB, VMS, 240V, 19C	A1	A2														
		PV010-BZ	VS42A-BC, 4MB, VMS, 240V, 19C	A1	A2														
		PV010-JC	VS42A-BA, 4MB, ULT, 120V, 19M	A1	A2														
		PV010-JD	VS42A-BA, 4MB, ULT, 240V, 19M	A1	A2														
		PV010-JT	VS42A-BC, 4MB, ULT, 120V, 16C	A1	A2														
		PV010-JU	VS42A-BC, 4MB, ULT, 240V, 16C	A1	A2														
		PV010-JV	VS42A-BC, 4MB, ULT, 240V, 16C	A1	A2														
		PV010-JW	VS42A-BC, 4MB, ULT, 120V, 19C	A1	A2														
		PV010-JY	VS42A-BC, 4MB, ULT, 240V, 19C	A1	A2														
		PV010-JZ	VS42A-BC, 4MB, ULT, 240V, 19C	A1	A2														
NOTES:			REVISION HISTORY	REV.	A	B													
				ECO NO.	INITIAL	PV010-ML001													
				DATE		6/89													
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						CHK'D D. HEALY		DATE 07-25-88											
						DES. ENG. R. KIZINA		DATE 07-25-88											
						RESP. ENG. R. KIZINA		DATE 07-25-88											
						MFG. ENG.		DATE											
						SIZE CODE		NUMBER		REV.									
						B DD		PV010-0-DBU		B									
										SHEET 1 OF 3									



TITLE: VS3100(PV010)
SYS BUILDING, BLOCKS

SHEET 2 OF 3

SIZE CODE
B DD

NUMBER
PV010-0-DBU

REV.
B

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE		
	MP-02779-01	VS3100 FIELD MAINTENANCE PRINT SET (MP)							
1	B-TC-VS3100-0-DBU	VS3100 SYSTEM ASSY (TC)	E/M						
	B-AR-VS3100-0-DBU	VS3100 SYSTEM ASSY (AR)	E/M						
	K-PL-PV010-0-DBP	VS3100 SYSTEM ASSY (PL)							
	A-PS-1700442-0-0	PWR, CORD, TERM, SVT, 125V	E/M						
	A-PS-1700365-0-0	CABLE ASSY, JUMPER	E/M						
2	B-DD-VS42A-0-DBU	CFJ BCX ASSY	E/M						
3	B-TC-LK301-0-DBU	LK301 KEYBOARD MP-02617-01	E/M						
4	B-DD-VSXXX-0-DBU	MOUSE	E/M						
5	B-DD-VR290-0-DBU	MONITOR 290	E/M						
6	B-DD-VR160-0-DBU	MONITOR 160	E/M						
7	B-DD-VR260-0-DBU	MONITOR 260	E/M						
8	B-TC-LK302-0-DBU	LK302 KEYBOARD	E/M						
9	A-PA-3701107-0-0	PACKAGING ASSY	M						
TYPE: E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL				TITLE: VS3100(PV010) SYS BUILDING, BLOCKS		SHEET 3 OF 3	SIZE CODE B DD	NUMBER PV010-0-DBU	REV. B

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION									
						BC A2	BD A2	BF A2	BG A2	BH A2	BT A2	BU A2	BV A2	BW A2	BY A2
1	1		LK301-AA		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
2	2		LK302-AA		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
3	3		VR150-A3		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
4	4		VR150-AA		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
5	5		VR160-D3		15" COLOR MONITOR,45KHZ,1024 X 864	-	-	-	-	-	-	1	-	-	-
6	6		VR160-D4		15" COLOR MONITOR,54KHZ,1024 X 864	-	-	-	-	-	-	-	1	-	-
7	7		VR160-DA		15" COLOR MONITOR,54KHZ,1024 X 864	-	-	-	1	-	1	-	-	-	-
8	8		VR260-A3		VR260-A(B/W) FOR EXPORT,240V (REQS	-	1	-	-	-	-	-	-	-	-
9	9		VR260-AA		13" MONO MONITOR,1024X864 PIXELS,U	1	-	1	-	-	-	-	-	-	-
10	10		VR290-D3		VR290 FOR INTERNATIONAL(NORTH HEMI	-	-	-	-	-	-	-	-	-	1
11	11		VR290-D4		VR290 FOR INTERNATIONAL(SOUTH HEMI	-	-	-	-	-	-	-	-	-	-
12	12		VR290-DA		VR290 FOR NORTH AMERICA(NORTH HEMI	-	-	-	-	1	-	-	-	1	-
13	13		VSXXX-AA		3 BUTTON SERIAL MOUSE WITH 5 FT CA	1	1	1	1	1	1	1	1	1	1
14	14		17-00442-26		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
15	15		75-00003-02		P VAXO SOFTWARE LICENSES	-	-	-	-	-	-	-	-	-	-
16	16		75-00003-01		P VAXO SOFTWARE LICENSES	1	1	1	1	1	1	1	1	1	1
17	17		EK-259AA-UG		USING YOUR VS3100 MODEL 30 SATELIT	1	1	1	1	1	1	1	1	1	1
18	18		EK-265AA-01		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
19	19		17-00365-22		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
20	20	B-DD-VS42A-0-DBU	VS42A-BA		KA42-AA SM KERNEL,MS42-AA,NO DSK/C	1	1	1	-	-	-	-	-	-	-
21	21	B-DD-VS42A-0-DBU	VS42A-BC		KA42-AA SM KERNEL,MS42-AA,8PLN,NO	-	-	-	1	1	1	1	1	1	1
22	22				*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
23	23		37-01107-03		PACKAGE ASSEMBLY, CONSOLIDATION	1	1	1	1	1	1	1	1	1	1
24	24		EK-292AA-CL		PRODUCT 120 COVER LETTER PERSONAL	1	1	1	1	1	1	1	1	1	1
25	25		17-00606-10 A		PWR CORD,TERM SVT 125V	1	-	-	1	1	1	-	-	1	-
26	26		EK-265AA-IL A		VAXSTATION 3100 MODEL 30 CUSTOMER	-	-	-	-	-	-	-	-	-	-
27	27		LK201-RE A		LK201-A UK/USA KEYCAPS, NO PWR COR	1	-	-	-	-	1	-	-	1	-
28	28		LK201-PE A		LK201-P WITH WPS USA/UK KEYCAPS	-	-	1	1	1	-	-	-	-	-

REVISION HISTORY			KPL MATRIX FORMAT		SECTION A OF B		DRN: J.DOIRON		DIGITAL					
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 13-SEP-88			TITLE PARTS LIST					
---	INITIAL	A	(A)	BC,BD,BF,BG,BH,BT,BU,BV,BW,BY			CHK'D: R.KIZINA			PV010 ASSEMBLY				
LN	PV010-ML001	B	(B)	BZ,JC,JD,JE,JU,JV,JW,JY,JZ			DATE: 04-NOV-88							
			(C)				DES.ENG: RIKIZINA							
			(D)				DATE: 04-NOV-88			DOCUMENT NUMBER				
			(E)							SIZE	CODE	NUMBER	REV	
			(F)				RESP.ENG.: R.KIZINA							
			(H)				DATE: 04-NOV-88			K	PL	PV010-0-DBP	B	
			(J)											
							MFG.ENG: J.ZAMORA			RELEASE DATE: 30-MAR-89				
							DATE: 13-SEP-88			RELEASE STATUS: RELEASED				
			BASIC PART NUMBER:			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			EDIT #		
			PV010			K-PL-PV010-0-DBP			B-DD-PV010-0-DBU			5		
			FILE NAME: CTS214B.PLS											

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LINE ITEM		TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	BZ A2	JC A2	JD A2	JT A2	JU A2	JV A2	JW A2	JY A2	JZ A2
1	1		LK301-AA		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
2	2		LK302-AA		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
3	3		VR150-A3		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
4	4		VR150-AA		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
5	5		VR160-D3		15" COLOR MONITOR,45KHZ,1024 X 864	-	-	-	-	1	-	-	-	-
6	6		VR160-D4		15" COLOR MONITOR,54KHZ,1024 X 864	-	-	-	-	-	1	-	-	-
7	7		VR160-DA		15" COLOR MONITOR,54KHZ,1024 X 864	-	-	-	1	-	-	-	-	-
8	8		VR260-A3		VR260-A(B/W) FOR EXPORT,240V (REQS	-	-	1	-	-	-	-	-	-
9	9		VR260-AA		19" MONO MONITOR,1024X864 PIXELS,U	-	1	-	-	-	-	-	-	-
10	10		VR290-D3		VR290 FOR INTERNATIONAL(NORTH HEMI	-	-	-	-	-	-	-	1	-
11	11		VR290-D4		VR290 FOR INTERNATIONAL(SOUTH HEMI	1	-	-	-	-	-	-	-	1
12	12		VR290-DA		VR290 FOR NORTH AMERICA(NORTH HEMI	-	-	-	-	-	-	1	-	-
13	13		VSXXX-AA		3 BUTTON SERIAL MOUSE WITH 5 FT CA	1	1	1	1	1	1	1	1	1
14	14		17-00442-26		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
15	15		75-00003-02		P VAXO SOFTWARE LICENSES	-	1	1	1	1	1	1	1	1
16	16		75-00003-01		P VAXO SOFTWARE LICENSES	1	-	-	-	-	-	-	-	-
17	17		EK-259AA-UG		USING YOUR VS3100 MODEL 30 SATELIT	1	-	-	-	-	-	-	-	-
18	18		EK-265AA-0M		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
19	19		17-00365-22		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
20	20	B-DD-VS42A-0-DBU	VS42A-BA		KA42-AA SM KERNEL,MS42-AA,NO DSK/C	-	1	1	-	-	-	-	-	-
21	21	B-DD-VS42A-0-DBU	VS42A-BC		KA42-AA SM KERNEL,MS42-AA,8PLN,NO	1	-	-	1	1	1	1	1	1
22	22				*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
23	23		37-01107-03		PACKAGE ASSEMBLY, CONSOLIDATION	1	1	1	1	1	1	1	1	1
24	24		EK-292AA-CL		PRODUCT 120 COVER LETTER PERSONAL	1	-	-	-	-	-	-	-	-
25	25		17-00606-10 A		PWR CORD,TERM SVT 125V	-	1	-	1	-	-	1	-	-
26	26		EK-265AA-IL A		VAXSTATION 3100 MODEL 30 CUSTOMER	-	1	1	1	1	1	1	1	1
27	27		LK201-RE A		LK201-A UK/USA KEYCAPS, NO PWR COR	-	1	-	1	-	-	1	-	-
28	28		LK201-PE A		LK201-P WITH WPS USA/UK KEYCAPS	-	-	-	-	-	-	-	-	-

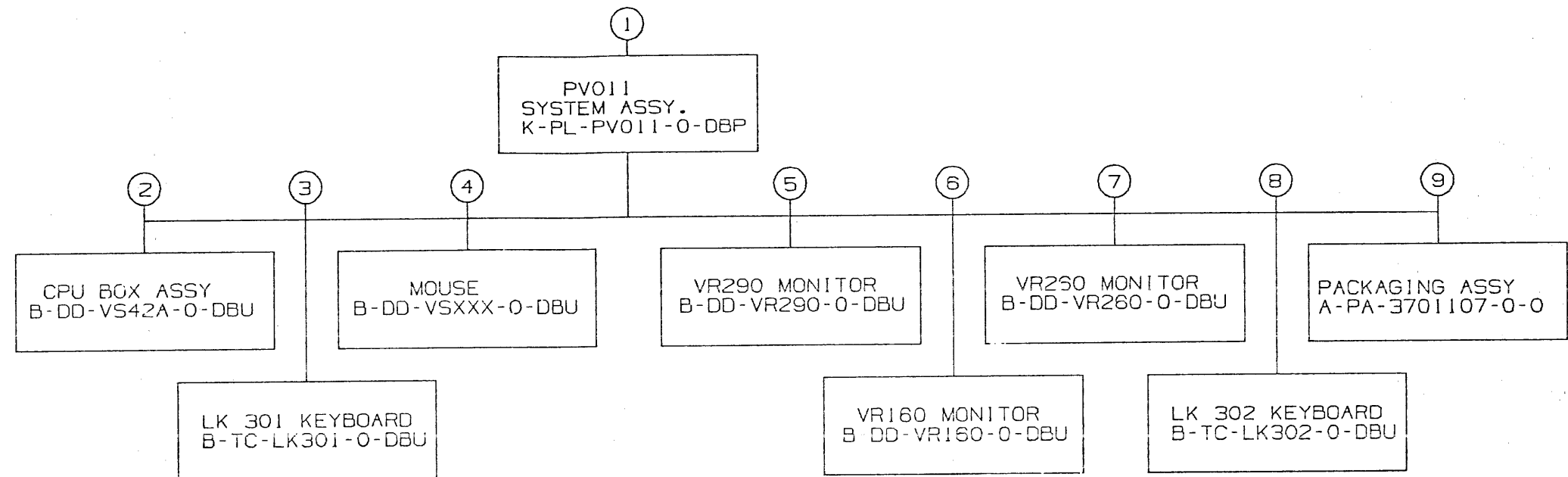
REVISION HISTORY			KPL MATRIX FORMAT		SECTION B OF B		DRN: J.DOIRON		D I G I T A L				
							DATE: 13-SEP-88						
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			CHK'D: R.KIZINA			TITLE PARTS LIST				
---	INITIAL	A	[A] BC,BD,BF,BG,BH,BT,BU,BV,BW,BY			DATE: 04-NOV-88			PV010 ASSEMBLY				
LN	PV010-MLO01	B	[B] BZ,JC,JD,JT,JU,JV,JW,JY,JZ										
			[C]			DES.ENG: RIKIZINA							
			[D]			DATE: 04-NOV-88			DOCUMENT NUMBER				
			[E]						SIZE CODE NUMBER REV				
			[F]			RESP.ENG.: R.KIZINA							
			[H]			DATE: 04-NOV-88			K PL PV010-0-DBP 8				
			[J]										
						MFG.ENG: J.ZAMORA			RELEASE DATE: 30-MAR-89				
						DATE: 13-SEP-88			RELEASE STATUS: RELEASED				
			BASIC PART NUMBER:			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			EDIT #	
			PV010			K-PL-PV010-0-DBP			B-DD-PV010-0-DBU			5	
			FILE NAME: CTS214B.PLS										

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DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS															
				A	B														
K-PL-PV011-0-DBP	1		VS3100 SYSTEM ASSY																
		PV011-BC	VS42A-BD, 4MB, VMS, 120V, 19M	A1	A2														
		PV011-BD	VS42A-BD, 4MB, VMS, 240V, 19M	A1	A2														
		PV011-BF	VS42A-BD, 4MB, VMS, 120V, 19M	A1	A2														
		PV011-BG	VS42A-BF, 4MB, VMS, 120V, 16C	A1	A2														
		PV011-BH	VS42A-BF, 4MB, VMS, 120V, 19C	A1	A2														
		PV011-BT	VS42A-BF, 4MB, VMS, 120V, 16C	A1	A2														
		PV011-BU	VS42A-BF, 4MB, VMS, 240V, 16C	A1	A2														
		PV011-BV	VS42A-BF, 4MB, VMS, 240V, 16C	A1	A2														
		PV011-BW	VS42A-BF, 4MB, VMS, 120V, 19C	A1	A2														
		PV011-BY	VS42A-BF, 4MB, VMS, 240V, 19C	A1	A2														
		PV011-BZ	VS42A-BF, 4MB, VMS, 240V, 19C	A1	A2														
		PV011-JC	VS42A-BD, 4MB, ULT, 120V, 19M	A1	A2														
		PV011-JD	VS42A-BD, 4MB, ULT, 240V, 19M	A1	A2														
		PV011-JT	VS42A-BF, 4MB, ULT, 120V, 16C	A1	A2														
		PV011-JU	VS42A-BF, 4MB, ULT, 240V, 16C	A1	A2														
		PV011-JV	VS42A-BF, 4MB, ULT, 240V, 16C	A1	A2														
		PV011-JW	VS42A-BF, 4MB, ULT, 120V, 19C	A1	A2														
		PV011-JY	VS42A-BF, 4MB, ULT, 240V, 19C	A1	A2														
		PV011-JZ	VS42A-BF, 4MB, ULT, 240V, 19C	A1	A2														

NOTES:	REVISION HISTORY	REV.	B																
		ECO NO.	PV011-ML001																
		DATE	4-6-89																

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		d	i	g	i	t	a	l							
		CHK'D	D. HEALY	DATE	07-25-88										
		DES. ENG.	R. KIZINA	DATE	07-25-88	SIZE	CODE	NUMBER	REV.						
		RESP. ENG.	R. KIZINA	DATE	07-25-88	B	DD	PV011-0-DBU	B						
MFG. ENG.		DATE		SHEET 1 OF 3											



TITLE: VS3100(PV011)
SYS BUILDING, BLOCKS

SHEET 2 OF 3

SIZE CODE
B DD

NUMBER
PV011-0-DBU

REV.
B

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
	MP-02779-01	VS3100 FIELD MAINTENANCE PRINT SET (MP)					
1	B-TC-VS3100-0-DBU	VS3100 SYSTEM ASSY (TC)	E/M				
	B-AR-VS3100-0-DBU	VS3100 SYSTEM ASSY (AR)	E/M				
	K-PL-PV011-0-DBP	VS3100 SYSTEM ASSY (PL)					
	A-PS-1700442-0-0	PWR, CORD, TERM, SVT, 125V	E/M				
	A-PS-1700365-0-0	CABLE ASSY., JUMPER	E/M				
2	B-DD-VS42A-0-DBU	CPU BOX ASSY	E/M				
3	B-TC-LK301-0-DBU	LK301 KEYBOARD MP-02617-01	E/M				
4	B-DD-VSXXX-0-DBU	MOUSE	E/M				
5	B-DD-VR290-0-DBU	MONITOR 290	E/M				
6	B-DD-VR160-0-DBU	MONITOR 160	E/M				
7	B-DD-VR260-0-DBU	MONITOR 260	E/M				
8	B-TC-LK302-0-DBU	LK302 KEYBOARD	E/M				
9	A-PA-3701107-0-0	PACKAGING ASSY	M				
TYPE: E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL				TITLE: VS3100(PV011) SYS BUILDING, BLOCKS			
digital				SHEET 3 OF 3		SIZE CODE B DD	NUMBER PV011-0-DBU
						REV. B	

digital

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION									
						BC A2	BD A2	BF A2	BG A2	BH A2	BT A2	BU A2	BV A2	BW A2	BY A2
1	1		LK301-AA		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
2	2		LK302-AA		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
3	3		VR160-D3		15" COLOR MONITOR, 45KHZ, 1024 X 864	-	-	-	-	-	-	1	-	-	-
4	4		VR160-D4		15" COLOR MONITOR, 54KHZ, 1024 X 864	-	-	-	-	-	-	-	1	-	-
5	5		VR160-DA		15" COLOR MONITOR, 54KHZ, 1024 X 864	-	-	-	1	-	1	-	-	-	-
6	6		VR260-A3		VR260-A(B/W) FOR EXPORT, 240V (REQS	-	1	-	-	-	-	-	-	-	-
7	7		VR260-AA		19" MONO MONITOR, 1024X864 PIXELS, U	1	-	1	-	-	-	-	-	-	-
8	8		VR290-D3		VR290 FOR INTERNATIONAL (NORTH HEMI	-	-	-	-	-	-	-	-	-	1
9	9		VR290-D4		VR290 FOR INTERNATIONAL (SOUTH HEMI	-	-	-	-	-	-	-	-	-	-
10	10		VR290-DA		VR290 FOR NORTH AMERICA (NORTH HEMI	-	-	-	-	1	-	-	-	1	-
11	11		17-00442-26		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
12	12		75-00003-02		P VAXO SOFTWARE LICENSES	-	-	-	-	-	-	-	-	-	-
13	13		75-00003-01		P VAXO SOFTWARE LICENSES	1	1	1	1	1	1	1	1	1	1
14	14		EK-259AA-UG		USING YOUR VS3100 MODEL 30 SATELIT	1	1	1	1	1	1	1	1	1	1
15	15	B-DD-VS42A-0-DBU	VS42A-BD		KA42-AA SM KERNEL, MS42-AA, RZ22-E, R	1	1	1	-	-	-	-	-	-	-
16	16	B-DD-VS42A-0-DBU	VS42A-BF		KA42-AA SM KERNEL, MS42-AA, RZ22-E, R	-	-	-	1	1	1	1	1	1	1
17	17		VSXXX-AA		3 BUTTON SERIAL MOUSE WITH 5 FT CA	1	1	1	1	1	1	1	1	1	1
18	18		EK-265AA-OM		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
19	19		17-00365-22		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
20	20		37-01107-03		PACKAGE ASSEMBLY, CONSOLIDATION	1	1	1	1	1	1	1	1	1	1
21	21		EK-292AA-CL		PRODUCT 120 COVER LETTER PERSONAL	1	1	1	1	1	1	1	1	1	1
22	22		17-00606-10		PWR CORD, TERM SVT 125V	1	-	1	1	1	1	-	-	1	-
23	23		EK-265AA-IL		VAXSTATION 3100 MODEL 30 CUSTOMER	-	-	-	-	-	-	-	-	-	-
24	24		LK201-RE		LK201-A UK/USA KEYCAPS, NO PWR COR	1	-	-	-	-	1	-	-	1	-
25	25		LK201-PE		LK201-P WITH WPS USA/UK KEYCAPS	-	-	1	1	1	-	-	-	-	-

REVISION HISTORY		KPL MATRIX FORMAT		SECTION A OF B		DRN: J. DOIRON		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 12-APR-88		TITLE PARTS LIST		
---	INITIAL	A	[A] BC, BD, BF, BG, BH, BT, BU, BV, BW, BY		CHK'D: R. KIZINA		PV011 ASSEMBLY		
LN	PV011-ML001	B	[B] BZ, JC, JD, JT, JU, JV, JW, JY, JZ		DATE: 04-NOV-83				
			[C]		DES. ENG: R. KIZINA				
			[D]		DATE: 12-APR-88		DOCUMENT NUMBER		
			[E]		RESP. ENG.: R. KIZINA		SIZE	CODE	NUMBER
			[F]		DATE: 12-APR-88		K	PL	PV011-0-DBP
			[H]						
			[J]		MFG. ENG: J. ZAMORA		RELEASE DATE: 12-APR-89		
					DATE: 13-SEP-88		RELEASE STATUS: RELEASED		
BASIC PART NUMBER:			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			EDIT #
PV011			K-PL-PV011-0-DBP			B-DD-PV011-0-DBP			4
FILE NAME: CTS215B.PLS									

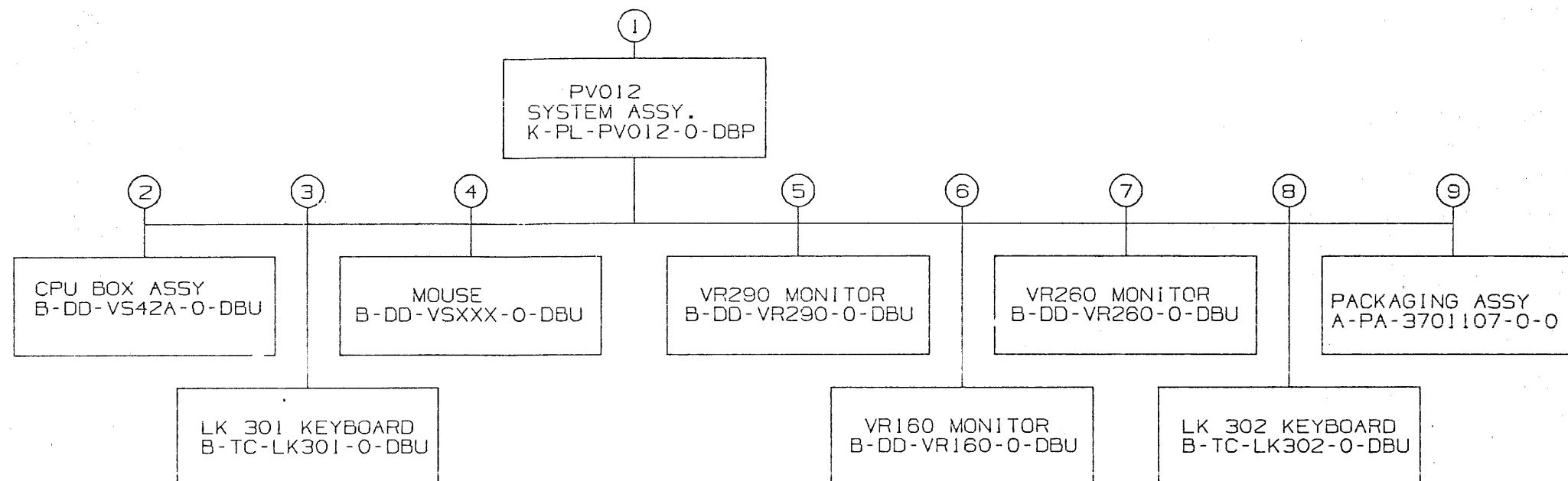
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LINE ITEM		TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	BZ A2	JC A2	JD A2	JT A2	JU A2	JV A2	JW A2	JY A2	JZ A2
1	1		LK301-AA		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
2	2		LK302-AA		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
3	3		VR160-D3		15" COLOR MONITOR,45KHZ,1024 X 864	-	-	-	-	1	-	-	-	-
4	4		VR160-D4		15" COLOR MONITOR,54KHZ,1024 X 864	-	-	-	-	-	1	-	-	-
5	5		VR160-DA		15" COLOR MONITOR,54KHZ,1024 X 864	-	-	-	1	-	-	-	-	-
6	6		VR260-A3		VR260-A(B/W) FOR EXPORT,240V (REQS	-	-	1	-	-	-	-	-	-
7	7		VR260-AA		19" MONO MONITOR,1024X864 PIXELS,U	-	1	-	-	-	-	-	-	-
8	8		VR290-D3		VR290 FOR INTERNATIONAL(NORTH HEMI	-	-	-	-	-	-	-	1	-
9	9		VR290-D4		VR290 FOR INTERNATIONAL(SOUTH HEMI	1	-	-	-	-	-	-	-	1
10	10		VR290-DA		VR290 FOR NORTH AMERICA(NORTH HEMI	-	-	-	-	-	-	1	-	-
11	11		17-00442-2G		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
12	12		75-00003-02		P VAXO SOFTWARE LICENSES	-	1	1	1	1	1	1	1	1
13	13		75-00003-01		P VAXO SOFTWARE LICENSES	1	-	-	-	-	-	-	-	-
14	14		EK-259AA-UG		USING YOUR VS3100 MODEL 30 SATELIT	1	-	-	-	-	-	-	-	-
15	15	B-DD-VS42A-O-DBU	VS42A-BD		KA42-AA SM KERNEL,MS42-AA,RZ22-E,R	-	1	1	-	-	-	-	-	-
16	16	B-DD-VS42A-O-DBU	VS42A-BF		KA42-AA SM KERNEL,MS42-AA,RZ22-E,R	1	-	-	1	1	1	1	1	1
17	17		VSXXX-AA		3 BUTTON SERIAL MOUSE WITH 5 FT CA	1	1	1	1	1	1	1	1	1
18	18		EK-265AA-OM		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
19	19		17-00365-22		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
20	20		37-01107-03		PACKAGE ASSEMBLY, CONSOLIDATION	1	1	1	1	1	1	1	1	1
21	21		EK-292AA-CL		PRODUCT 120 COVER LETTER PERSONAL	1	-	-	-	-	-	-	-	-
22	22		17-00606-10		PWR CORD,TERM SVT 125V	-	1	-	1	-	-	1	-	-
23	23		EK-265AA-IL		VAXSTATION 3100 MODEL 30 CUSTOMER	-	1	1	1	1	1	1	1	1
24	24		LK201-RE		LK201-A UK/USA KEYCAPS, NO PWR COR	-	1	-	1	-	-	1	-	-
25	25		LK201-PE		LK201-P WITH WPS USA/UK KEYCAPS	-	-	-	-	-	-	-	-	-

REVISION HISTORY			KPL MATRIX FORMAT			SECTION B OF B			DRN: J.DOIRON			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 12-APR-88			CHK'D: R.KIZINA			TITLE PARTS LIST		
---	INITIAL	A	[A] BC,BD,BF,BG,BH,BT,BU,BV,BW,BY			DATE: 04-NOV-88			DATE: 04-NOV-88			PV011 ASSEMBLY		
LN	PV011-ML001	B	[B] BZ,JC,JD,JT,JU,JV,JW,JY,JZ			DES.ENG: R.KIZINA			DATE: 12-APR-88			DOCUMENT NUMBER		
			[C]			DATE: 12-APR-88			SIZE CODE			NUMBER		
			[D]			RESP.ENG.: R.KIZINA			DATE: 12-APR-88			K PL PV011-0-DBP		
			[E]			DATE: 12-APR-88			MFG.ENG: J.ZAMORA			RELEASE DATE: 12-APR-89		
			[F]			DATE: 13-SEP-88			DATE: 13-SEP-88			RELEASE STATUS: RELEASED		
			[H]			BASIC PART NUMBER:			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:		
			[J]			PV011			K-PL-PV011-0-DBP			B-DD-PV011-0-DBP		
						FILE NAME: CTS215B.PLS						EDIT #		
												4		

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DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS															
K-PL-PV012-0-DBP	1		VS3100 SYSTEM ASSY	A	B														
		PV012-BC	VS42A-BV, 4 MB & VMS., 120V, 19M	A1	A2														
		PV012-BD	VS42A-BV, 4 MB & VMS., 240V, 19M	A1	A2														
		PV012-BF	VS42A-BV, 4 MB & VMS., 120V, 19M	A1	A2														
		PV012-BG	VS42A-BW, 4 MB & VMS., 120V, 16C	A1	A2														
		PV012-BH	VS42A-BW, 4 MB & VMS., 120V, 19C	A1	A2														
		PV012-BT	VS42A-BW, 4 MB & VMS., 120V, 16C	A1	A2														
		PV012-BU	VS42A-BW, 4 MB & VMS., 240V, 16C	A1	A2														
		PV012-BV	VS42A-BW, 4 MB & VMS., 240V, 16C	A1	A2														
		PV012-BW	VS42A-BW, 4 MB & VMS., 120V, 19C	A1	A2														
		PV012-BY	VS42A-BW, 4 MB & VMS., 240V, 19C	A1	A2														
		PV012-BZ	VS42A-BW, 4 MB & VMS., 240V, 19C	A1	A2														
		PV012-JC	VS42A-BV, 4 MB & ULT., 120V, 19M	A1	A2														
		PV012-JD	VS42A-BV, 4 MB & ULT., 240V, 19M	A1	A2														
		PV012-JT	VS42A-BW, 4 MB & ULT., 120V, 16C	A1	A2														
		PV012-JJ	VS42A-BW, 4 MB & ULT., 240V, 16C	A1	A2														
		PV012-JV	VS42A-BW, 4 MB & ULT., 240V, 16C	A1	A2														
		PV012-JW	VS42A-BW, 4 MB & ULT., 120V, 19C	A1	A2														
		PV012-JY	VS42A-BW, 4 MB & ULT., 240V, 19C	A1	A2														
		PV012-JZ	VS42A-BW, 4 MB & ULT., 240V, 19C	A1	A2														
NOTES:			REVISION HISTORY	REV.	A	B													
				ECO NO.	INITIAL	PV012-ML001													
				DATE		29-MAR-1989													
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						CHK'D		D. HEALY		DATE		07-25-88							
						DES. ENG.		R. KIZINA		DATE		07-25-88		VS3100/PV012 SYS BUILDING, BLOCKS					
						RESP. ENG.		R. KIZINA		DATE		07-25-88							
						MFG. ENG.				DATE									
SIZE		CODE		NUMBER		REV.													
B		DD		PV012-0-DBU		B													
										SHEET 1 OF 3									



TITLE: VS3100(PV012)
SYS BUILDING, BLOCKS

SHEET 2 OF 3

SIZE CODE
B DD

NUMBER
PV012-0-DBU

REV.
B

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
	MP-02779-01	VS3100 FIELD MAINTENANCE PRINT SET (MP)					
1	B-TC-VS3100-0-DBU	VS3100 SYSTEM ASSY (TC)	E/M				
	B-AR-VS3100-0-DBU	VS3100 SYSTEM ASSY (AR)	E/M				
	K-PL-PV012-0-DBP	VS3100 SYSTEM ASSY (PL)					
	A-PS-1700442-0-0	PWR, CORD, TERM, SVT, 125V	E/M				
	A-PS-1700365-0-0	CABLE ASSY, JUMPER	E/M				
2	B-DD-VS42A-0-DBU	CPU BOX ASSY	E/M				
3	B-TC-LK301-0-DBU	LK301 KEYBOARD MP02617-01	E/M				
4	B-DD-VSXXX-0-DBU	MOUSE	E/M				
5	B-DD-VR290-0-DBU	MONITOR 290	E/M				
6	B-DD-VR160-0-DBU	MONITOR 160	E/M				
7	B-DD-VR260-0-DBU	MONITOR 260	E/M				
8	B-TC-LK302-0-DBU	LK302 KEYBOARD	E/M				
9	A-PA-3701107-0-0	PACKAGING ASSY	M				
TYPE: E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL				TITLE: VS3100(PV012) SYS BUILDING, BLOCKS			
digital				SHEET 3 OF 3			
				SIZE CODE NUMBER REV. B DD PV012-0-DBU B			

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION									
						BC A2	BD A2	BF A2	BG A2	BH A2	BT A2	BU A2	BV A2	BW A2	BY A2
1	1		LK301-AA		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
2	2		LK302-AA		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
3	3		VR160-D3		15" COLOR MONITOR,45KHZ,1024 X 864	-	-	-	-	-	-	1	-	-	-
4	4		VR160-D4		15" COLOR MONITOR,54KHZ,1024 X 864	-	-	-	-	-	-	-	1	-	-
5	5		VR160-DA		15" COLOR MONITOR,54KHZ,1024 X 864	-	-	-	1	-	1	-	-	-	-
6	6		VR260-A3		VR260-A(B/W) FOR EXPORT,240V (REQS	-	1	-	-	-	-	-	-	-	-
7	7		VR260-AA		19" MONO MONITOR,1024X864 PIXELS,U	1	-	1	-	-	-	-	-	-	-
8	8		VR290-D3		VR290 FOR INTERNATIONAL(NORTH HEMI	-	-	-	-	-	-	-	-	-	1
9	9		VR290-D4		VR290 FOR INTERNATIONAL(SOUTH HEMI	-	-	-	-	-	-	-	-	-	-
10	10		VR290-DA		VR290 FOR NORTH AMERICA(NORTH HEMI	-	-	-	-	1	-	-	-	1	-
11	11	B-DD-VS42A-0-DBU	VS42A-BV		KA42-AA SM KERNEL,MS42-AA,2 RZ23-E	1	1	1	-	-	-	-	-	-	-
12	12	B-DD-VS42A-0-DBU	VS42A-BW		KA42-AA SM KERNEL,MS42-AA,2 RZ23-E	-	-	-	1	1	1	1	1	1	1
13	13		VSXXX-AA		3 BUTTON SERIAL MOUSE WITH 5 FT CA	1	1	1	1	1	1	1	1	1	1
14	14		17-00365-22		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
15	15		17-00442-26		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
16	16		37-01107-03		PACKAGE ASSEMBLY, CONSOLIDATION	1	1	1	1	1	1	1	1	1	1
17	17		75-00003-02		P VAXO SOFTWARE LICENSES	-	-	-	-	-	-	-	-	-	-
18	18		75-00003-03		P VAXO SOFTWARE LICNESES	1	1	1	1	1	1	1	1	1	1
19	19		EK-265AA-OM		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
20	20		EK-292AA-CL		PRODUCT 120 COVER LETTER PERSONAL	1	1	1	1	1	1	1	1	1	1
21	21		17-00606-10 A		PWR CORD,TERM SVT 125V	1	-	1	1	1	1	-	-	1	-
22	22		EK-265AA-IL A		VAXSTATION 3100 MODEL 30 CUSTOMER	1	1	1	1	1	1	1	1	1	1
23	23		LK201-RE A		LK201-A UK/USA KEYCAPS, NO PWR COR	1	-	-	-	-	1	-	-	1	-
24	24		LK201-PE A		LK201-P WITH WPS USA/UK KEYCAPS	-	-	1	1	1	-	-	-	-	-

REVISION HISTORY			KPL MATRIX FORMAT		SECTION A OF B		DRN: J.DOIRON		DIGITAL							
ENG	ECO NUMBER		REV	SECTION/VARIATION INDEX			DATE: 13-SEP-88									
---	INITIAL		A	[A]	BC,BD,BF,BG,BH,BT,BU,BV,BW,BY			CHK'D: R.KIZINA		TITLE PARTS LIST						
LN	PV012-ML001		B	[B]	BZ,JC,JD,JT,JU,JV,JW,JY,JZ			DATE: 04-NOV-88		PV012 ASSEMBLY						
				[C]				DES.ENG: R.KIZINA								
				[D]				DATE: 04-NOV-88		DOCUMENT NUMBER						
				[E]						SIZE	CODE	NUMBER			REV	
				[F]				RESP.ENG.: R.KIZINA								
				[H]				DATE: 04-NOV-88		K	PL	PV012-0-DBP			B	
				[J]												
								MFG.ENG: J.ZAMORA		RELEASE DATE: 30-MAR-89						
								DATE: 13-SEP-88		RELEASE STATUS: RELEASED						
				BASIC PART NUMBER:			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:				EDIT #		
				PV012			K-PL-PV012-0-DBP			B-DD-PV012-0-DBU				5		
				FILE NAME: CTS216B.PLS												

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LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION								
						BZ A2	JC A2	JD A2	JT A2	JU A2	JV A2	JW A2	JY A2	JZ A2
1	1		LK301-AA		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
2	2		LK302-AA		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
3	3		VR160-D3		15" COLOR MONITOR, 45KHZ, 1024 X 864	-	-	-	-	1	-	-	-	-
4	4		VR160-D4		15" COLOR MONITOR, 54KHZ, 1024 X 864	-	-	-	-	-	1	-	-	-
5	5		VR160-DA		15" COLOR MONITOR, 54KHZ, 1024 X 864	-	-	-	1	-	-	-	-	-
6	6		VR260-A3		VR260-A(B/W) FOR EXPORT, 240V (REQS	-	-	1	-	-	-	-	-	-
7	7		VR260-AA		19" MONO MONITOR, 1024X864 PIXELS, U	-	1	-	-	-	-	-	-	-
8	8		VR290-D3		VR290 FOR INTERNATIONAL (NORTH HEMI	-	-	-	-	-	-	-	1	-
9	9		VR290-D4		VR290 FOR INTERNATIONAL (SOUTH HEMI	1	-	-	-	-	-	-	-	1
10	10		VR290-DA		VR290 FOR NORTH AMERICA (NORTH HEMI	-	-	-	-	-	-	1	-	-
11	11	B-DD-VS42A-0-DBU	VS42A-BV		KA42-AA SM KERNEL, MS42-AA, 2 RZ23-E	-	1	1	-	-	-	-	-	-
12	12	B-DD-VS42A-0-DBU	VS42A-BW		KA42-AA SM KERNEL, MS42-AA, 2 RZ23-E	1	-	-	1	1	1	1	1	1
13	13		VSXXX-AA		3 BUTTON SERIAL MOUSE WITH 5 FT CA	1	1	1	1	1	1	1	1	1
14	14		17-00365-22		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
15	15		17-00442-26		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
16	16		37-01107-03		PACKAGE ASSEMBLY, CONSOLIDATION	1	1	1	1	1	1	1	1	1
17	17		75-00003-02		P VAXO SOFTWARE LICENSES	-	1	1	1	1	1	1	1	1
18	18		75-00003-03		P VAXO SOFTWARE LICNESES	1	-	-	-	-	-	-	-	-
19	19		EK-265AA-0M		*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
20	20		EK-292AA-CL		PRODUCT 120 COVER LETTER PERSONAL	1	-	-	-	-	-	-	-	-
21	21		17-00606-10 A		PWR CORD, TERM SVT 125V	-	1	-	1	-	-	1	-	-
22	22		EK-265AA-IL A		VAXSTATION 3100 MODEL 30 CUSTOMER	1	1	1	1	1	1	1	1	1
23	23		LK201-RE A		LK201-A UK/USA KEYCAPS, NO PWR COR	-	1	-	1	-	-	1	-	-
24	24		LK201-PE A		LK201-P WITH WPS USA/UK KEYCAPS	-	-	-	-	-	-	-	-	-

REVISION HISTORY		KPL MATRIX FORMAT		SECTION B OF B		DRN: J.DOIRON		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 13-SEP-88		TITLE PARTS LIST		
---	INITIAL	A	[A] BC, BD, BF, BG, BH, BT, BU, BV, BW, BY		CHK'D: R.KIZINA		PV012 ASSEMBLY		
LN	PV012-ML001	B	[B] BZ, JC, JD, JT, JU, JV, JW, JY, JZ		DATE: 04-NOV-88				
			[C]		DES.ENG: R.KIZINA		DOCUMENT NUMBER		
			[D]		DATE: 04-NOV-88		SIZE CODE NUMBER REV		
			[E]		RESP.ENG.: R.KIZINA		K PL PV012-0-DBP B		
			[F]		DATE: 04-NOV-88				
			[H]		MFG.ENG: J.ZAMORA		RELEASE DATE: 30-MAR-89		
			[J]		DATE: 13-SEP-88		RELEASE STATUS: RELEASED		
BASIC PART NUMBER:			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			EDIT #
PV012			K-PL-PV012-0-DBP			B-DD-PV012-0-DBU			5
FILE NAME: CTS216B.PLS									

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[illegible]

NOTES:

[illegible]

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TECTED UNDER THE FEDERAL COPYRIGHT LAWS.

d	i	g	i	t	a	l
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DRN.	K.A. LEE	DATE	07-25-88
CHK'D	D. HEALY	DATE	07-25-88
DES. ENG.	R. KIZINA	DATE	07-25-88
RESP. ENG.	R. KIZINA	DATE	07-25-88
MFG. ENG.		DATE	

TITLE			
VS3100/PV014 SYS BUILDING, BLOCKS			
SIZE	CODE	NUMBER	REV.
B	DD	PV014-O-DBU	A
		SHEET 1	OF 4

DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS															
				A1															
		PV014-JA	VS42A-BV, 4 MB & ULT.,120V,15M	A1															
		PV014-JB	VS42A-BV, 4 MB & ULT.,120V,15M	A1															
		PV014-JC	VS42A-BV, 4 MB & ULT.,120V,19M	A1															
		PV014-JD	VS42A-BV, 4 MB & ULT.,240V,19M	A1															
		PV014-JT	VS42A-BW, 4 MB & ULT.,120V,16C	A1															
		PV014-JU	VS42A-BW, 4 MB & ULT.,240V,16C	A1															
		PV014-JV	VS42A-BW, 4 MB & ULT.,240V,16C	A1															
		PV014-JW	VS42A-BW, 4 MB & ULT.,120V,19C	A1															
		PV014-JY	VS42A-BW, 4 MB & ULT.,240V,19C	A1															
		PV014-JZ	1VS42A-BW, 4 MB & ULT.,240V,19C	A1															
NOTES:				REVISION HISTORY	DATE	ECO NO.	REV.												

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digital

TITLE

VS3100/PV014

SYS BUILDING, BLOCKS

SIZE CODE

BDD

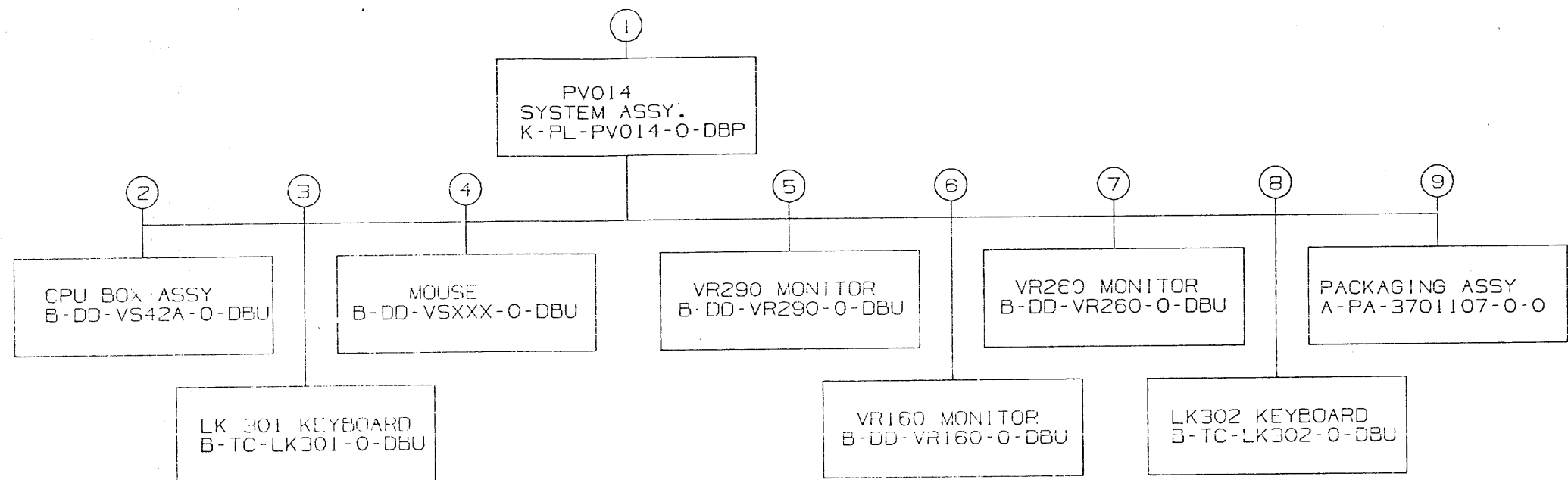
NUMBER

PV014-0-DBU

REV.

A

SHEET 2 OF 4



FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE		
	MP-02779-01	VS3100 FIELD MAINTENANCE PRINT SET (MP)							
1	B-TC-VS3100-0-DBU	VS3100 SYSTEM ASSY (TC)	E/M						
	B-AR-VS3100-0-DBU	VS3100 SYSTEM ASSY (AR)	E/M						
	K-PL-PV014-0-DBP	VS3100 SYSTEM ASSY (PL)							
	A-PS-1700442-0-0	PWR, CORD, TERM, SVT, 125V	E/M						
	A-PS-1700365-0-0	CABLE ASSY JUMPER	E/M						
2	B-DD-VS42A-0-DBU	CPU BOX ASSY	E/M						
3	B-TC-LK301-0-DBU	LK301 KEYBOARD MP-02617-01	E/M						
4	B-DD-VSXXX-0-DBU	MOUSE	E/M						
5	B-DD-VR290-0-DBU	MONITOR 290	E/M						
6	B-DD-VR160-0-DBU	MONITOR 160	E/M						
7	B-DD-VR260-0-DBU	MONITOR 260	E/M						
8	B-TC-LK302-0-DBU	LK302 KEY BOARD	E/M						
9	A-PA-3701107-0-0	PACKAGING ASSY	M						
TYPE: E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL				TITLE: VS3100(PV014) SYS BUILDING, BLOCKS		SHEET 4 OF 4	SIZE CODE B DD	NUMBER PV014-0-DBU	REV. A

digital

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION									
						BA A1	BB A1	BC A1	BD A1	BE A1	BF A1	BG A1	BH A1	BT A1	BU A1
1	1		VR150-A3		15" MONO MONITOR,54KHZ,1024 X 864,	-	1	-	-	-	-	-	-	-	-
2	2		VR150-AA		15" MONO MONITOR,54KHZ,1024 X 864,	1	-	-	-	1	-	-	-	-	-
3	3		VR260-A3		VR260-A(B/W) FOR EXPORT,240V (REQS	-	-	-	1	-	-	-	-	-	-
4	4		VR260-AA		19" MONO MONITOR,1024X864 PIXELS,U	-	-	1	-	-	1	-	-	-	-
5	5		VR290-D3		VR290 FOR INTERNATIONAL(NORTH HEMI	-	-	-	-	-	-	-	-	-	-
6	6		VR290-D4		VR290 FOR INTERNATIONAL(SOUTH HEMI	-	-	-	-	-	-	-	-	-	-
7	7		VR290-DA		VR290 FOR NORTH AMERICA(NORTH HEMI	-	-	-	-	-	-	-	1	-	-
8	8		17-00442-26		PWR CORD,TERM 24.6 LG 15A	1	-	1	-	1	1	1	1	1	-
9	9		75-00003-01		P VAX0 SOFTWARE LICENSES	1	1	1	1	1	1	1	1	1	1
10	10		75-00003-02		P VAX0 SOFTWARE LICENSES	-	-	-	-	-	-	-	-	-	-
11	11		EK-260AA-OM		MANAGING YOUR VS3100 MODEL 30 STAN	1	1	1	1	1	1	1	1	1	1
12	12		EK-265AA-OM		VS3100 MODEL 30 HARDWARE INFORMATI	-	-	-	-	-	-	-	-	-	-
13	13		LK301-AA		LK301-A WITH USA KEYCAPS	1	-	1	-	-	-	-	-	1	-
14	14		LK302-AA		LK302-A WITH USA/UK WPS KEYCAPS	-	-	-	-	1	1	1	1	-	-
15	15		RRD40-DA		RRD40-AA DESKTOP 600MB CDROM W/SCS	1	1	1	1	1	1	1	1	1	1
16	16		VR160-D3		15" COLOR MONITOR,45KHZ,1024 X 864	-	-	-	-	-	-	-	-	-	1
17	17		VR160-D4		15" COLOR MONITOR,54KHZ,1024 X 864	-	-	-	-	-	-	-	-	-	-
18	18		VR160-DA		15" COLOR MONITOR,54KHZ,1024 X 864	-	-	-	-	-	-	1	-	1	-
19	19	B-DD-VS42A-0-DBU	VS42A-BV		KA42-AA SM KERNEL,MS42-AA,2 RZ23-E	1	1	1	1	1	1	-	-	-	-
20	20	B-DD-VS42A-0-DBU	VS42A-BW		KA42-AA SM KERNEL,MS42-AA,2 RZ23-E	-	-	-	-	-	-	1	1	1	1
21	21		VSXXX-AA		3 BUTTON SERIAL MOUSE WITH 5 FT CA	1	1	1	1	1	1	1	1	1	1
22	22		17-02008-01		CABLE ASSY,28 COND,RND,28AWG	1	1	1	1	1	1	1	1	1	1
23	23		17-00365-22		CABLE ASSY JUMPER 29"LG 6A	-	1	-	1	-	-	-	-	-	1
24	24		37-01107-05		PACKAGE ASSEMBLY, CONSOLIDATION	1	1	1	1	1	1	1	1	1	1
25	25		QA-VV8AA-H8		DESKTOP-VMS BIN CD	1	1	1	1	1	1	1	1	1	1
26	26		EK-292AA-CL		PRODUCT 120 COVER LETTER PERSONAL	1	1	1	1	1	1	1	1	1	1
27	27		H8574-A		12-30552-01 CONN,SCSI TERMINATOR 5	1	1	1	1	1	1	1	1	1	1
28	28		17-00606-10		PWR CORD,TERM SVT 125V	1	-	1	-	1	1	1	1	1	-
29	29				*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-

REVISION HISTORY			KPL MATRIX FORMAT			SECTION A OF C			DRN: J.DOIRON			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 12-APR-88			CHK'D: R.KIZINA			TITLE PARTS LIST		
---	INITIAL	A	[A] BA,BB,BC,BD,BE,BF,BG,BH,BT,BU			DATE: 04-NOV-88			DATE: 04-NOV-88			PV014 ASSEMBLY		
			[B] BV,BW,BY,BZ,JA,JB,JC,JD,JT,JU			DES.ENG: R.KIZINA			DATE: 12-APR-88			DOCUMENT NUMBER		
			[C] JV,JW,JY,JZ			DATE: 12-APR-88			RESP.ENG.: R.KIZINA			SIZE!CODE! NUMBER		
			[D]			DATE: 12-APR-88			DATE: 12-APR-88			K PL PV014-0-DBP		
			[E]			MFG.ENG: J.ZAMORA			RELEASE DATE: 11-JAN-89			A		
			[F]			DATE: 13-SEP-88			RELEASE STATUS: RELEASED					
			[G]			BASIC PART NUMBER:			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:		
			[H]			PV014			K-PL-PV014-0-DBP			K-PL-PV014-0-DBP		
			[I]			FILE NAME: CTS217A.PLS			EDIT #			72		
			[J]											

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LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION									
						BV A1	BW A1	BY A1	BZ A1	JA A1	JB A1	JC A1	JD A1	JT A1	JU A1
1	1		VR150-A3		15" MONO MONITOR,54KHZ,1024 X 864,	-	-	-	-	-	1	-	-	-	-
2	2		VR150-AA		15" MONO MONITOR,54KHZ,1024 X 864,	-	-	-	-	1	-	-	-	-	-
3	3		VR260-A3		VR260-A(B/W) FOR EXPORT,240V (REQS	-	-	-	-	-	-	-	1	-	-
4	4		VR260-AA		19" MONO MONITOR,1024X864 PIXELS,U	-	-	-	-	-	-	1	-	-	-
5	5		VR290-D3		VR290 FOR INTERNATIONAL(NORTH HEMI	-	-	1	-	-	-	-	-	-	-
6	6		VR290-D4		VR290 FOR INTERNATIONAL(SOUTH HEMI	-	-	-	1	-	-	-	-	-	-
7	7		VR290-DA		VR290 FOR NORTH AMERICA(NORTH HEMI	-	1	-	-	-	-	-	-	-	-
8	8		17-00442-26		PWR CORD,TERM 24.6 LG 15A	-	1	-	-	1	-	1	-	1	-
9	9		75-00003-01		P VAXO SOFTWARE LICENSES	1	1	1	1	-	-	-	-	-	-
10	10		75-00003-02		P VAXO SOFTWARE LICENSES	-	-	-	-	1	1	1	1	1	1
11	11		EK-260AA-OM		MANAGING YOUR VS3100 MODEL 30 STAN	1	1	1	1	-	-	-	-	-	-
12	12		EK-265AA-OM		VS3100 MODEL 30 HARDWARE INFORMATI	-	-	-	-	1	1	1	1	1	1
13	13		LK301-AA		LK301-A WITH USA KEYCAPS	-	1	-	-	1	-	1	-	1	-
14	14		LK302-AA		LK302-A WITH USA/UK WPS KEYCAPS	-	-	-	-	-	-	-	-	-	-
15	15		RRD40-DA		RRD40-AA DESKTOP 600MB CDROM W/SCS	1	1	1	1	1	1	1	1	1	1
16	16		VR160-D3		15" COLOR MONITOR,45KHZ,1024 X 864	-	-	-	-	-	-	-	-	-	1
17	17		VR160-D4		15" COLOR MONITOR,54KHZ,1024 X 864	1	-	-	-	-	-	-	-	-	-
18	18		VR160-DA		15" COLOR MONITOR,54KHZ,1024 X 864	-	-	-	-	-	-	-	-	1	-
19	19	B-DD-VS42A-0-DBU	VS42A-BV		KA42-AA SM KERNEL,MS42-AA,2 RZ23-E	-	-	-	-	1	1	1	1	-	-
20	20	B-DD-VS42A-0-DBU	VS42A-BW		KA42-AA SM KERNEL,MS42-AA,2 RZ23-E	1	1	1	1	-	-	-	-	1	1
21	21		VSXXX-AA		3 BUTTON SERIAL MOUSE WITH 5 FT CA	1	1	1	1	1	1	1	1	1	1
22	22		17-02008 01		CABLE ASSY,28 COND,RND,28AWG	1	1	1	1	1	1	1	1	1	1
23	23		17-00365-22		CABLE ASSY JUMPER 29"LG 6A	1	-	1	1	-	1	-	1	-	1
24	24		37-01107-05		PACKAGE ASSEMBLY, CONSOLIDATION	1	1	1	1	1	1	1	1	1	1
25	25		QA-VV8AA-H8		DESKTOP-VMS BIN CD	1	1	1	1	-	-	-	-	-	-
26	26		EK-292AA-CL		PRODUCT 120 COVER LETTER PERSONAL	1	1	1	1	-	-	-	-	-	-
27	27		H8574-A		12-30552-01 CONN,SCSI TERMINATOR 5	1	1	1	1	1	1	1	1	1	1
28	28		17-00606-10		PWR CORD,TERM SVT 125V	-	1	-	-	1	-	1	-	1	-
29	29				*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-

REVISION HISTORY			KPL MATRIX FORMAT			SECTION B OF C			DRN: J.DOIRON			DIGITAL		
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 12-APR-88			CHK'D: R.KIZINA			TITLE PARTS LIST		
---	INITIAL	A	[A]	BA,BB,BC,BD,BE,BF,BG,BH,BT,BU		DATE: 04-NOV-88			DATE: 04-NOV-88			PV014 ASSEMBLY		
			[B]	BV,BW,BY,BZ,JA,JB,JC,JD,JT,JU										
			[C]	JV,JW,JY,JZ					DES.ENG: R.KIZINA					
			[D]						DATE: 12-APR-88			DOCUMENT NUMBER		
			[E]									SIZE CODE NUMBER REV		
			[F]						RESP.ENG.: R.KIZINA					
			[H]						DATE: 12-APR-88			K PL PV014-0-DBP A		
			[J]											
									MFG.ENG: J.ZAMORA			RELEASE DATE: 11-JAN-89		
									DATE: 13-SEP-88			RELEASE STATUS: RELEASED		
			BASIC PART NUMBER:			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			EDIT #		
			PV014			K-PL-PV014-0-DBP			K-PL-PV014-0-DBP			72		
			FILE NAME: CTS217A.PLS											

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LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION			
						JV A1	JW A1	JY A1	JZ A1
1	1		VR150-A3		15" MONO MONITOR,54KHZ,1024 X 864,	-	-	-	-
2	2		VR150-AA		15" MONO MONITOR,54KHZ,1024 X 864,	-	-	-	-
3	3		VR260-A3		VR260-A(B/W) FOR EXPORT,240V (REQS	-	-	-	-
4	4		VR260-AA		19" MONO MONITOR,1024X864 PIXELS,U	-	-	-	-
5	5		VR290-D3		VR290 FOR INTERNATIONAL(NORTH HEMI	-	-	1	-
6	6		VR290-D4		VR290 FOR INTERNATIONAL(SOUTH HEMI	-	-	-	1
7	7		VR290-DA		VR290 FOR NORTH AMERICA(NORTH HEMI	-	1	-	-
8	8		17-00442-26		PWR CORD,TERM 24.6 LG 15A	-	1	-	-
9	9		75-00003-01		P VAXO SOFTWARE LICENSES	-	-	-	-
10	10		75-00003-02		P VAXO SOFTWARE LICENSES	1	1	1	1
11	11		EK-260AA-OM		MANAGING YOUR VS3100 MODEL 30 STAN	-	-	-	-
12	12		EK-265AA-OM		VS3100 MODEL 30 HARDWARE INFORMATI	1	1	1	1
13	13		LK301-AA		LK301-A WITH USA KEYCAPS	-	1	-	-
14	14		LK302-AA		LK302-A WITH USA/UK WPS KEYCAPS	-	-	-	-
15	15		RRD40-DA		RRD40-AA DESKTOP 600MB CDROM W/SCS	1	1	1	1
16	16		VR160-D3		15" COLOR MONITOR,45KHZ,1024 X 864	-	-	-	-
17	17		VR160-D4		15" COLOR MONITOR,54KHZ,1024 X 864	1	-	-	-
18	18		VR160-DA		15" COLOR MONITOR,54KHZ,1024 X 864	-	-	-	-
19	19	B-DD-VS42A-0-DBU	VS42A-BV		KA42-AA SM KERNEL,MS42-AA,2 RZ23-E	-	-	-	-
20	20	B-DD-VS42A-0-DBU	VS42A-BW		KA42-AA SM KERNEL,MS42-AA,2 RZ23-E	1	1	1	1
21	21		VSXXX-AA		3 BUTTON SERIAL MOUSE WITH 5 FT CA	1	1	1	1
22	22		17-02008-01		CABLE ASSY,28 COND,RND,28AWG	1	1	1	1
23	23		17-00365-22		CABLE ASSY JUMPER 29"LG 6A	1	-	1	1
24	24		37-01107-05		PACKAGE ASSEMBLY, CONSOLIDATION	1	1	1	1
25	25		QA-VV8AA-H8		DESKTOP-VMS BIN CD	-	-	-	-
26	26		EK-292AA-CL		PRODUCT 120 COVER LETTER PERSONAL	-	-	-	-
27	27		H8574-A		12-30552-01 CONN,SCSI TERMINATOR 5	1	1	1	1
28	28		17-00606-10		PWR CORD,TERM SVT 125V	-	1	-	-
29	29				*** THIS ITEM IS NOT USED ***	-	-	-	-

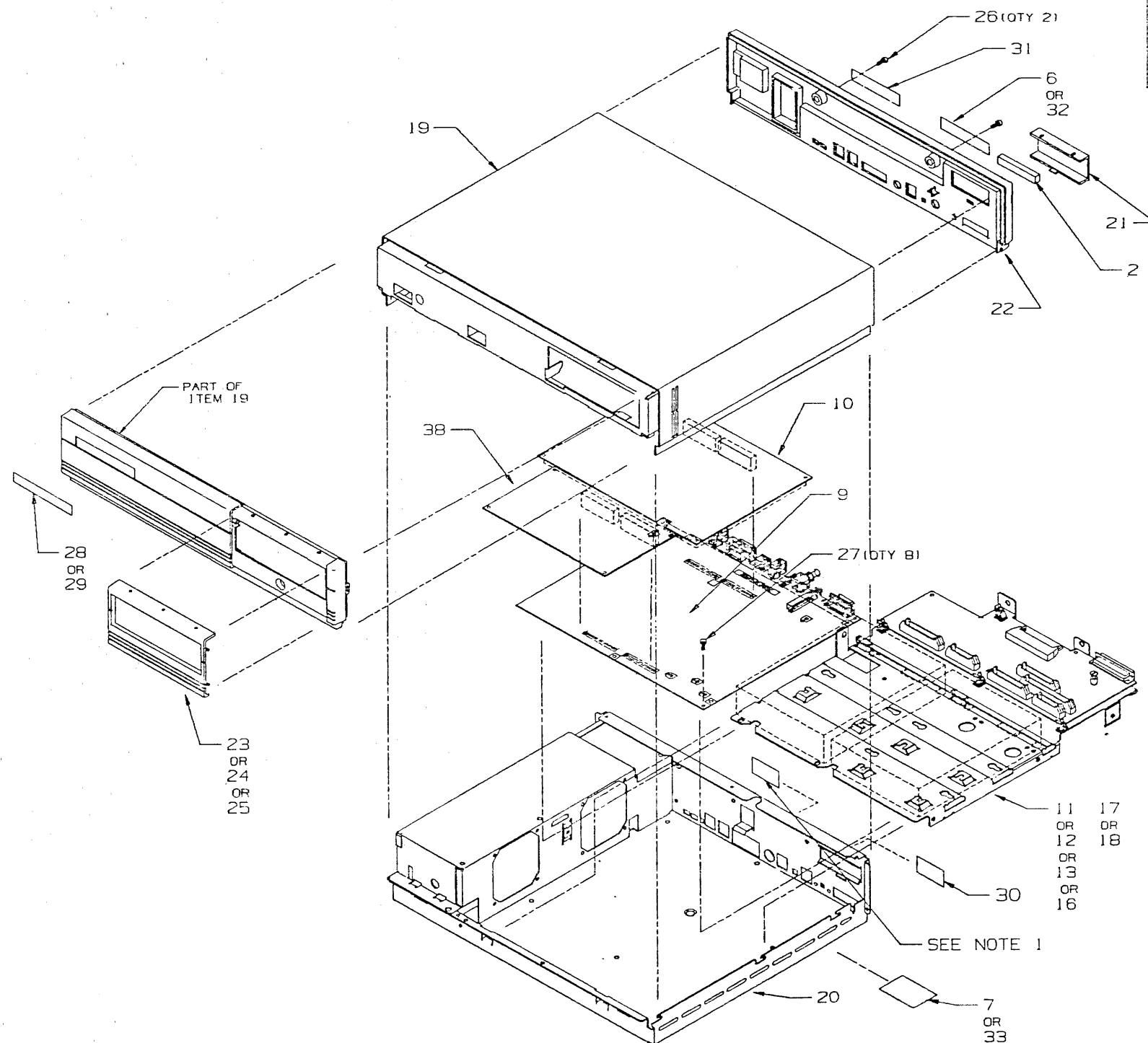
REVISION HISTORY			KPL MATRIX FORMAT			SECTION C OF C			DRN: J.DOIRON			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 12-APR-88			CHK'D: R.KIZINA			TITLE PARTS LIST		
---	INITIAL	A	[A] BA,BB,BC,BD,BE,BF,BG,BH,BT,BU			DATE: 04-NOV-88			DATE: 04-NOV-88			PV014 ASSEMBLY		
			[B] BV,BW,BY,BZ,JA,JB,JC,JD,JE,JF			DES.ENG: R.KIZINA			DATE: 12-APR-88			DOCUMENT NUMBER		
			[C] JV,JW,JY,JZ			DATE: 12-APR-88			RESP.ENG.: R.KIZINA			SIZE CODE NUMBER REV		
			[D]			DATE: 12-APR-88			DATE: 12-APR-88			K PL PV014-0-DBP A		
			[E]			MFG.ENG: J.ZAMORA			DATE: 13-SEP-88			RELEASE DATE: 11-JAN-89		
			[F]			DATE: 13-SEP-88			RELEASE STATUS: RELEASED					
			[G]			BASIC PART NUMBER:			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:		
			[H]			PV014			K-PL-PV014-0-DBP			K-PL-PV014-0-DBP		
			[I]			FILE NAME: CTS217A.PLS						EDIT #		
			[J]									72		

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REV: 10-03	
CHK	CHANGE NO.
	INITIAL
VSZA-MLOO1	
O. ALSTON 4-11-80	
L. HATHI	

LEGEND		
PART NO.	REV	VARIATION
VS42A-DA	A2	CPU BOX ASSY
VS42A-BC	A2	CPU BOX ASSY
VS42A-BD	A2	CPU BOX ASSY
VS42A-BF	A2	CPU BOX ASSY
VS42A-BG	A2	CPU BOX ASSY
VS42A-BJ	A2	CPU BOX ASSY
VS42A-BK	A2	CPU BOX ASSY
VS42A-BM	A2	CPU BOX ASSY
VS42A-BN	A2	CPU BOX ASSY
VS42A-BR	A2	CPU BOX ASSY
VS42A-BS	A2	CPU BOX ASSY
VS42A-BT	A2	CPU BOX ASSY
VS42A-BV	A2	CPU BOX ASSY
VS42A-BW	A2	CPU BOX ASSY
VS42A-CG	A2	CPU BOX ASSY

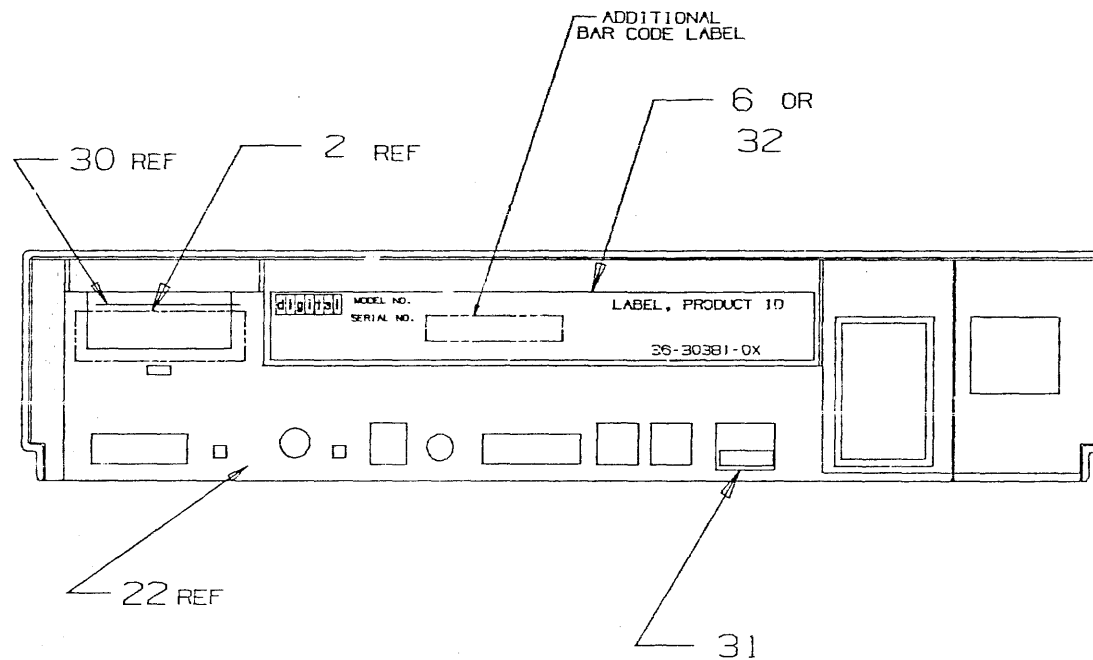
1. ITEM IS A BAR CODE LABEL, PLACE APPROXIMATELY AS SHOWN.
2. ADDITIONAL BAR CODE LABEL TO BE APPLIED TO PROD. ID LABEL, BELOW MODEL NO.
3. TOP ENCLOSURE ASSY (ITEM 19) TO BE FASTENED TO BOTTOM ENCLOSURE ASSY (ITEM 20) BY TWO 12-30390-01 SCREWS THAT ARE PART OF THE REAR BEZEL ASSY (ITEM 22).



CAUTION: OFF SHEET PARTS LIST REFER
TO K-PL-VS42A-0-DBP (CTS212)

[illegible]

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REAR VIEW
LESS ITEM 21 (REAR DOOR)

REVISION HISTORY		
DATE	ECO HISTORY	REV

PLOT AT: 1.00

DOCUMENT NUMBER		REV
SIZE CODE	NUMBER	
E	UA VS42A-0-DBU	B

TITLE
CPU BOX ASSY

SCALE 1/1 INCHES 2 OF 2

CTS

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION									
						BA A2	BC A2	BD A2	BF A2	BG A2	BJ A2	BK A2	BM A2	BN A2	BR A2
1	1				*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
2	2		12-29635-01		TERMINATOR ASSY,SCSI/ST506,68POS P	-	-	1	1	1	1	1	1	1	1
3	3				*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
4	4		17-01992-01		CABLE ASSY,COLOR MOLDED,SHIELDED	-	1	-	1	-	1	-	1	-	1
5	5		17-01993-01		CABLE ASSY,MONO MOLDED,SHIELDED	1	-	1	-	1	-	1	-	1	-
6	6		36-30381-01		LABEL,PRODUCT ID VS3000 US	1	1	1	1	1	1	1	1	1	1
7	7		36-30382-01		LABEL,REGULATORY VS3000 US	1	1	1	1	1	1	1	1	1	1
8	8		37-01107-01		PACKAGE ASSEMBLY, CUSTOMER	1	1	1	1	1	1	1	1	1	1
9	9		54-17312-01		KA42 SYSTEM MODULE	1	1	1	1	1	1	1	1	1	1
10	10		54-17282-01		VS200 8-PLANE VIDEO OPTION	-	1	-	1	-	1	-	1	-	1
11	11		70-22700-12		DISK DRIVE ASSY	-	-	1	1	-	-	-	-	-	-
12	12		70-22700-15		DISK DRIVE ASSY	-	-	-	-	-	-	-	-	-	-
13	13		70-22700-23		DISK DRIVE ASSY	-	-	-	-	-	-	-	-	-	-
14	14				*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
15	15		70-26209-01		THK/THIN WIRE ETHERNET KIT	1	1	1	1	1	1	1	1	1	1
16	16		70-22700-02		DRIVE ASSEMBLY	-	-	-	-	1	1	-	-	-	-
17	17		70-22700-03		DRIVE ASSEMBLY	-	-	-	-	-	-	1	1	-	-
18	18		70-22700-04		DRIVE ASSEMBLY	-	-	-	-	-	-	-	-	1	1
19	19		70-25726-01		ENCLOSURE, TOP ASSY	1	1	1	1	1	1	1	1	1	1
20	20		70-25729-01		BASE ASSY	1	1	1	1	1	1	1	1	1	1
21	21		74-38189-01	A	DOOR,BEZEL (TERMINATOR)	1	1	1	1	1	1	1	1	1	1
22	22		70-25798-01		REAR BEZEL ASSY W/CAPTIVE PHIL (VS	1	1	1	1	1	1	1	1	1	1
23	23		74-37499-01		BEZEL,INSET,BLANK	1	1	-	-	-	-	1	1	1	1
24	24		70-26250-01		RX-23 BEZEL ASSY	-	-	1	1	-	-	-	-	-	-
25	25		74-37501-01		BEZEL,INSET,TZ30	-	-	-	-	1	1	-	-	-	-
26	26		90-09984-00		SCREW,SEMS PAN PHIL 6-32	2	2	2	2	2	2	2	2	2	2
27	27		90-09984-07		SCREW,SEMS PAN PHIL 6-32	8	8	8	8	8	8	8	8	8	8
28	28		74-37642-01	A	MEDALLION, VS42A	1	1	1	1	1	1	1	1	1	1
29	29		74-37642-05		MEDAILION,VS42A-A1	-	-	-	-	-	-	-	-	-	-
30	30		36-30704-01		LABEL,VS42A SCSI	1	1	1	1	1	1	1	1	1	1

REVISION HISTORY			KPL MATRIX FORMAT!SECTION A OF B!DRN: J.DOIRON			D I G I T A L						
ENG!	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 30-MAR-88						
---	INITIAL	A	[A]	BA,BC,BD,BF,BG,BJ,BK,BM,BN,BR		CHK'D: R.KIZINA						
L.N!	VS42A-ML001	B	[B]	BS,BT,BV,BW,CG		DATE: 04-NOV-88						
			[C]			DES.ENG: R.KIZINA						
			[D]			DATE: 04-NOV-88						
			[E]			DOCUMENT NUMBER						
			[F]			SIZE!CODE! NUMBER REV						
			[H]			RESP.ENG.: R.KIZINA						
			[J]			DATE: 30-MAR-88						
						K PL VS42A-0-DBP B						
						MFG.ENG: J.ZAMORA						
						DATE: 13-SEP-88						
						RELEASE DATE: 10-APR-89						
						RELEASE STATUS: RELEASED						
						BASIC PART NUMBER: VS42A						
						ASSEMBLY NUMBER: K-UA-VS42A-0-DBU						
						TOP DOCUMENT NUMBER: B-DD-VS42A-0-DBU						
						EDIT # 15						
						FILE NAME: CTS212B.PLS						

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PARTS LIST

LINE ITEM		TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	BA A2	BC A2	BD A2	BF A2	BG A2	BJ A2	BK A2	BM A2	BN A2	BR A2
31	31		36-30489-01		LABEL,DIAGNOSTIC VS42A	1	1	1	1	1	1	1	1	1	1
32	32	SEE NOTE # 32	36-30381-03		LABEL,PRODUCT ID VS3000 UK	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF
33	33	SEE NOTE # 33	36-30382-02		LABEL,REGULATORY VS3000 UK	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF
34	34				*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
35	35				*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
36	36	SEE NOTE # 36	17-00442-25 A		PWR CORD,TERM 39" LG 15A	1	1	1	1	1	1	1	1	1	1
37	37	SEE NOTE # 37	47-00042-00 B		SCREWDRIVER,FLAT BLADE 3/16 X 4	1	1	1	1	1	1	1	1	1	1
38	38	SEE NOTE # 38	MS42 -AB A		4MB MEMORY W PARITY, 1MEG X 1 BIT	1	1	1	1	1	1	1	1	1	1

32 NOTE: TO BE USED AS REQUIRED, FOR EUROPEAN BUILD
33 NOTE: TO BE USED AS REQUIRED, FOR EUROPEAN BUILD
36 NOTE: USE 17-00365-19 FOR UNITS ASSEMBLED IN UNITED KINGDOM.
37 NOTE: 47-00042-03 MAY BE SUBSTITUTED FOR 47-00042-00
38 NOTE: MS42-AA IS AN ACCEPTABLE ALTERNATE FOR MS42-AB

D	I	G	I	T	A	L	TITLE	SECTION A OF B	SIZE	CODE	DOCUMENT NUMBER	REV
							CPU BOX ASSEMBLY		K	PL	VS42A-0-DBP	B

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	BS A2	BT A2	BV A2	BW A2	CG A2
1	1				*** THIS ITEM IS NOT USED ***	-	-	-	-	-
2	2		12-29635-01		TERMINATOR ASSY, SCSI/ST506, 68POS P	1	1	1	1	1
3	3				*** THIS ITEM IS NOT USED ***	-	-	-	-	-
4	4		17-01992-01		CABLE ASSY, COLOR MOLDED, SHIELDED	-	1	-	1	-
5	5		17-01993-01		CABLE ASSY, MONO MOLDED, SHIELDED	1	-	1	-	1
6	6		36-30381-01		LABEL, PRODUCT ID VS3000 US	1	1	1	1	1
7	7		36-30382-01		LABEL, REGULATORY VS3000 US	1	1	1	1	1
8	8		37-01107-01		PACKAGE ASSEMBLY, CUSTOMER	1	1	1	1	1
9	9		54-17312-01		KA42 SYSTEM MODULE	1	1	1	1	1
10	10		54-17282-01		VS200 8-PLANE VIDEO OPTION	-	1	-	1	-
11	11		70-22700-12		DISK DRIVE ASSY	-	-	-	-	-
12	12		70-22700-15		DISK DRIVE ASSY	1	1	-	-	-
13	13		70-22700-23		DISK DRIVE ASSY	-	-	1	1	-
14	14				*** THIS ITEM IS NOT USED ***	-	-	-	-	-
15	15		70-26209-01		THK/THIN WIRE ETHERNET KIT	1	1	1	1	1
16	16		70-22700-02		DRIVE ASSEMBLY	-	-	-	-	1
17	17		70-22700-03		DRIVE ASSEMBLY	-	-	-	-	-
18	18		70-22700-04		DRIVE ASSEMBLY	-	-	-	-	-
19	19		70-25726-01		ENCLOSURE, TOP ASSY	1	1	1	1	1
20	20		70-25729-01		BASE ASSY	1	1	1	1	1
21	21		74-38189-01	A	DOOR, BEZEL (TERMINATOR)	1	1	1	1	1
22	22		70-25798-01		REAR BEZEL ASSY W/CAPTIVE PHIL (VS	1	1	1	1	1
23	23		74-37499-01		BEZEL, INSET, BLANK	-	-	-	-	-
24	24		70-26250-01		RX-23 BEZEL ASSY	1	1	1	1	-
25	25		74-37501-01		BEZEL, INSET, TZ30	-	-	-	-	1
26	26		90-09984-00		SCREW, SEMS PAN PHIL 6-32	2	2	2	2	2
27	27		90-09984-07		SCREW, SEMS PAN PHIL 6-32	8	8	8	8	8
28	28		74-37642-01	A	MEDAILION, VS42A	1	1	1	1	-
29	29		74-37642-05		MEDAILION, VS42A-A1	-	-	-	-	1
30	30		36-30704-01		LABEL, VS42A SCSI	1	1	1	1	1

REVISION HISTORY			KPL MATRIX FORMAT			SECTION B OF B			DRN: J.DOIRON			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 30-MAR-88			CHK'D: R.KIZINA			TITLE PARTS LIST		
---	INITIAL	A	[A] BA, BC, BD, BF, BG, BJ, BK, BM, BN, BR			DATE: 04-NOV-88			DATE: 04-NOV-88			CPU BOX ASSEMBLY		
L.N.	VS42A-ML001	B	[B] BS, BT, BV, BW, CG			DES. ENG: R.KIZINA			DATE: 04-NOV-88			DOCUMENT NUMBER		
			[C]			DATE: 04-NOV-88			SIZE: CODE: NUMBER			REV		
			[D]			RESP. ENG.: R.KIZINA			DATE: 30-MAR-88			K PL VS42A-0-DBP		
			[E]			MFG. ENG: J.ZAMORA			RELEASE DATE: 10-APR-89			RELEASE STATUS: RELEASED		
			[F]			DATE: 13-SEP-88								
			[G]			BASIC PART NUMBER: VS42A			ASSEMBLY NUMBER: K-UA-VS42A-0-DBU			TOP DOCUMENT NUMBER: B-DD-VS42A-0-DBU		
			[H]			FILE NAME: CTS212B.PLS						EDIT # 15		
			[I]											
			[J]											

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LINE ITEM		TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	BS A2	BT A2	BV A2	BW A2	CG A2
31	31		36-30489-01		LABEL,DIAGNOSTIC VS42A	1	1	1	1	1
32	32	SEE NOTE # 32	36-30381-03		LABEL,PRODUCT ID VS3000 UK	REF	REF	REF	REF	REF
33	33	SEE NOTE # 33	36-30382-02		LABEL,REGULATORY VS3000 UK	REF	REF	REF	REF	REF
34	34				*** THIS ITEM IS NOT USED ***	-	-	-	-	-
35	35				*** THIS ITEM IS NOT USED ***	-	-	-	-	-
36	36	SEE NOTE # 36	17-00442-25 A		PWR CORD,TERM 39" LG 15A	1	1	1	1	1
37	37	SEE NOTE # 37	47-00042-00 B		SCREWDRIVER,FLAT BLADE 3/16 X 4	1	1	1	1	1
38	38	SEE NOTE # 38	MS42 -AB A		4MB MEMORY W PARITY, 1MEG X 1 BIT	1	1	1	1	1

32 NOTE: TO BE USED AS REQUIRED, FOR EUROPEAN BUILD
33 NOTE: TO BE USED AS REQUIRED, FOR EUROPEAN BUILD
36 NOTE: USE 17-00365-19 FOR UNITS ASSEMBLED IN UNITED KINGDOM.
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D	I	G	I	T	A	L	TITLE	SECTION B OF B	SIZE	CODE	DOCUMENT NUMBER	REV
							CPU BOX ASSEMBLY		K	PL	VS42A-0-DBP	B

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION			
						AA A1	AB A1	BA A1	CA A1
1	1		MS42 -AA		*** THIS ITEM IS NOT USED ***	-	-	-	-
2	2		MS42 -CA		*** THIS ITEM IS NOT USED ***	-	-	-	-
3	3		MS42 -BA		*** THIS ITEM IS NOT USED ***	-	-	-	-
4	4		12-30538-01		*** THIS ITEM IS NOT USED ***	-	-	-	-
5	5	B-DD-5418287-0-DBU	54-18287-AA		4 MB MEMORY DAUGHTER CARD	1	-	-	-
6	6	B-DD-5418287-0-DBU	54-18287-BA		12MB MEMORY DAUGHTER CARD	-	-	1	-
7	7	B-DD-5418324-0-DBU	54-18324-AA		16 MB MEMORY OPTION	-	-	-	1
8	8	B-DD-5419051-0-DBU	54-19051-AA		4MB MEMORY OPTION	-	1	-	-

REVISION HISTORY		KPL MATRIX FORMAT		SECTION A OF A		DRN: J.DOIRON		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 18-AUG-88				
---	INITIAL	A	[A]	AA,AB,BA,CA		CHK'D: R.KIZINA		TITLE PARTS LIST	
			[B]			DATE: 06-DEC-88		20/28 MB MEMORY CONFIG. ASSY	
			[C]			DES.ENG: R.KIZINA			
			[D]			DATE: 06-DEC-88		DOCUMENT NUMBER	
			[E]					SIZE	CODE
			[F]			RESP.ENG.: R.KIZINA		NUMBER	
			[H]			DATE: 06-DEC-88		K	PL
			[J]					MS42-0-DBP	
						MFG.ENG: J.ZAMORA		RELEASE DATE: 14-FEB-89	
						DATE: 06-DEC-88		RELEASE STATUS: RELEASED	
			BASIC PART NUMBER:		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		EDIT #
			MS42		K-UA-MS42-0-DBU		K-PL-MS42-0-DBP		16
			FILE NAME: CTS252A.PLS						

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DRAWING NO.	NO. SHTS	PART NO.	DESCRIPTION	REVISIONS		
		5417445-01	SCSI/SCSI DISK CONTROL OPTION	A1	B1	C1
		5417445-02	SCSI/SCSI DISK CONTROL OPTION	A1	B1	C1
		5417445-03	SCSI/SCSI DISK CONTROL OPTION	A1	B1	C1
		5417445-04	SCSI/SCSI DISK CONTROL OPTION	A1	B1	C1
D-UA-5417445-0-0	3		UNIT ASSEMBLY	A	A	A
K-CS-5417445-0-1	5		CIRCUIT SCHEMATICS	A	A	A
K-PL-5417445-0-DBP	2		PARTS LIST	A	B	C
K-PC-5417445-0-DBJ			P.C. DESIGN DATA BASE	D	D	D
K-CS-5417445-0-DBX			CIRCUIT SCHEMATIC DATA BASE	A	A	A
		5017444-01	ETCHED CIRCUIT BOARD	D1	D1	D1
K-DD-5017444-0-0	1		DRAWING DIRECTORY	A	A	A

NOTES:

			A	B	C
		R			
		E			
		V			
R					
E	H	E	I	M	M
V	I	C	N	L	L
I	S	O	I	O	O
S	T	T		O	O
I	O	N		1	2
O	R	O			
N	Y				
		D	1	0	0
		A	1	3	3
		T	/	/	/
		E	8	8	8
			8	9	9

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DRN: B. CORMIER

DATE: 18 NOV 88

d i g i t a l

CHK'D: J. CUNNINGHAM

DATE: 18 NOV 88

TITLE

SCSI / SCSI
DISK CONTROL OPTION

DES.ENG.: A. ASBURY

DATE: 21 NOV 88

SHEET 1 OF 1

EDIT:

7

RESP.ENG.: A. ASBURY

DATE: 21 NOV 88

DOCUMENT NUMBER

DD FILENAME: 5417445C.DDF

MFG.ENG.: J. ZAMORA

DATE: 21 NOV 88

SIZE CODE

NUMBER

REV

K ! DD 5417445-0-0

C

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV				REFERENCE DESIGNATORS
						01 C1	02 C1	03 C1	04 C1	
1	1	D-MD-5017444-0-0	50-17444-01	D	CIRCUIT DRILL AND ETCH	1	1	1	1	
2	2		10-14265-02		0.33 MFD 50V +80/-20% Z5U C	17	17	17	17	C1-C8,C10-C18
3	3		10-17472-00		10 MFD 35V +75/-10% 85	1	1	1	1	C9
4	4		11-05796-00		PIV= 400 IO= 1.00A 1N4004 DO-41	1	1	-	-	D1
			CONT			-	-	2	2	D1,D2
5	5		12-15006-08		SKT,IC 40PIN DIP TIN SOLD	1	1	1	1	XE20
6	6		12-17535-01		SKT,IC 10PIN SIP TIN SOLD	3	3	3	3	XE5,XE6,XE12
7	7		12-21513-01		FILTER,EMI PC MTG	1	1	1	1	E28
8	8		12-29576-02		PCB HEADER 80POS(2X40).050CC 90D	1	1	1	1	J2
9	9		12-29857-01		CONN,KEY PLATE 68POS	1	1	1	1	
10	10		12-30006-03		PCB HEADER 100POS .050CC STR	2	2	2	2	J1,J4
11	11		12-30008-01		CONN,D SUB 68POS 90D	1	1	1	1	J3
12	12		13-00229-00		100.0 .25 W 5.0 % CF	1	1	1	1	R2
13	13		13-00447-00		4.70 K .25 W 5.0 % CF	2	2	2	2	R3,R7
14	14		13-16395-00		R. NET 4.7K- 9 2.0	4	4	4	4	E2,E4,E8,E10
15	15		13-24050-01		R. NET 220.0 - 8 330.0 - 8 2.0	12	-	12	-	E5,E6,E12,E17,E18,E21,E23-E25, CONT E29-E31
			CONT			-	9	-	9	E17,E18,E21,E23-E25,E29-E31
16	16		13-26688-01		THERMISTOR PTC 0.062 15%	2	2	2	2	R9,R10
17	17		19-20572-01		74F244 BUFFER/LINE DRIVER,0	1	1	1	1	E22
18	18		19-21307-01		74F04 HEX INVERTER	1	1	1	1	E13
19	19		19-21310-01		74F11 AND GATE,TRIPLE,3-IN	1	1	1	1	E11
20	20		19-21314-01		74F74 FF-D,DUAL,POS.,EDGE	1	1	1	1	E14
21	21		21-25351-01		INTERFACE CHIP (SCSI	2	2	2	2	E16,E19
22	22		21-26307-05		STATIC RAM 32768X8BI	4	4	4	4	E1,E3,E7,E9
23	23		21-30367-01		DC7151 GATE ARRAY 144PGA	1	1	-	-	E26
24	24		21-30367-02		DC7151 GATE ARRAY 144PGA	-	-	1	1	E26
25	25		23-5E8 -00		*** THIS ITEM IS NOT USED ***	-	-	-	-	
26	26		74-37506-01		GASKET,OPTION	1	1	1	1	
27	27		90-09116-01		SCREW,CAPTIV ASSY 6-32	1	1	1	1	

REVISION HISTORY			KPL MODULE FORMAT			SECTION A OF A			DRN: B.OUELLETTE			DIGITAL			
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 18-AUG-88			CHK'D: B. CORMIER			TITLE PARTS LIST			
---	INITIAL	A	[A]	01,02,03,04	[M]	DATE: 27-OCT-88			DATE: 27-OCT-88			SCSI/SCSI DISK CONTROL OPTION			
LN	5417445-ML001	B	[B]		[N]										
LN	5417445-ML002	C	[C]		[P]				DES.ENG: A. ASBURY						
			[D]		[Q]	DATE: 21-NOV-88			DATE: 21-NOV-88			DOCUMENT NUMBER			
			[E]		[R]				RESP.ENG.: A. ASBURY			SIZE	CODE	NUMBER	REV
			[F]		[S]				DATE: 21-NOV-88			K	PL	5417445-0-DBP	C
			[H]		[T]				MFG.ENG: J. ZAMORA			RELEASE DATE: 30-MAR-89			
			[J]		[V]				DATE: 21-NOV-88			RELEASE STATUS: RELEASED			
			[K]		[W]										
			[L]		[Y]										
			BASIC PART NUMBER:			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			EDIT #			
			5417445			D-UA-5417445-0-0			K-DD-5417445-0-0			2			
			FILE NAME: MLA2012C.PLS												

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LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV				REFERENCE DESIGNATORS
						01 C1	02 C1	03 C1	04 C1	
28	28		90-10917-01		SCREW, MACH FLAT, THD. METRIC	02.	4	4	4	4
29	29		91-05740-55		WIRE (WRAP) 30AWG KYNAR	UL14	A/R	A/R	A/R	A/R
30	30		23-23E8 -00	A	E8-02	U	1	1	1	- E20
31	31		23-28E8 -00	A	E8-02	NMOS-U	-	-	-	1 E20

D	I	G	I	T	A	L	TITLE	SECTION A	OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							SCSI/SCSI DISK CONTROL OPTION			K	PL	5417445-0-DBP	C

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REWORK INSTRUCTIONS:

0-1 LIFT PIN E11-2 THEN ADD WIRE
(90-05740-25) FROM E11-2 TO E11-1.

4850 REF
12319MM

7900 REF
20066MM

28
(2 PLCS)
TYP

28
(2 PLCS)
TYP

2-5

0-1

27

NOTES:

E15 AND E27 ARE SPARES

STEP E → Y AXIS STEP TIMES
REPEAT → X AXIS STEP TIMES

CH	CHANGE	NO	REV
1	INIT		A

ETCH	REV.	D1
------	------	----

SIGNATURES	DATE	
DRN. R. R. HOGES		
CHK'D		
MECH. ENG. <i>Paul Brown</i>	11-2-80	
PROJ. ENG. <i>David J. Gentry</i>	11-2-80	
PROD. <i>James Brown</i>	11-12-80	
SCALE 2:1	OF 3	0 UA
SHT. 1		
NEXT HIGHER ASSY. K-00-5412445-0-0		

digital

TITLE SCSI/SCSI
DISK CNTRL OPTION

NUMBER 5412445-0-0
REV A

1 MS# 297102

8

A

0-0-555-108

1000

6

5

7

4

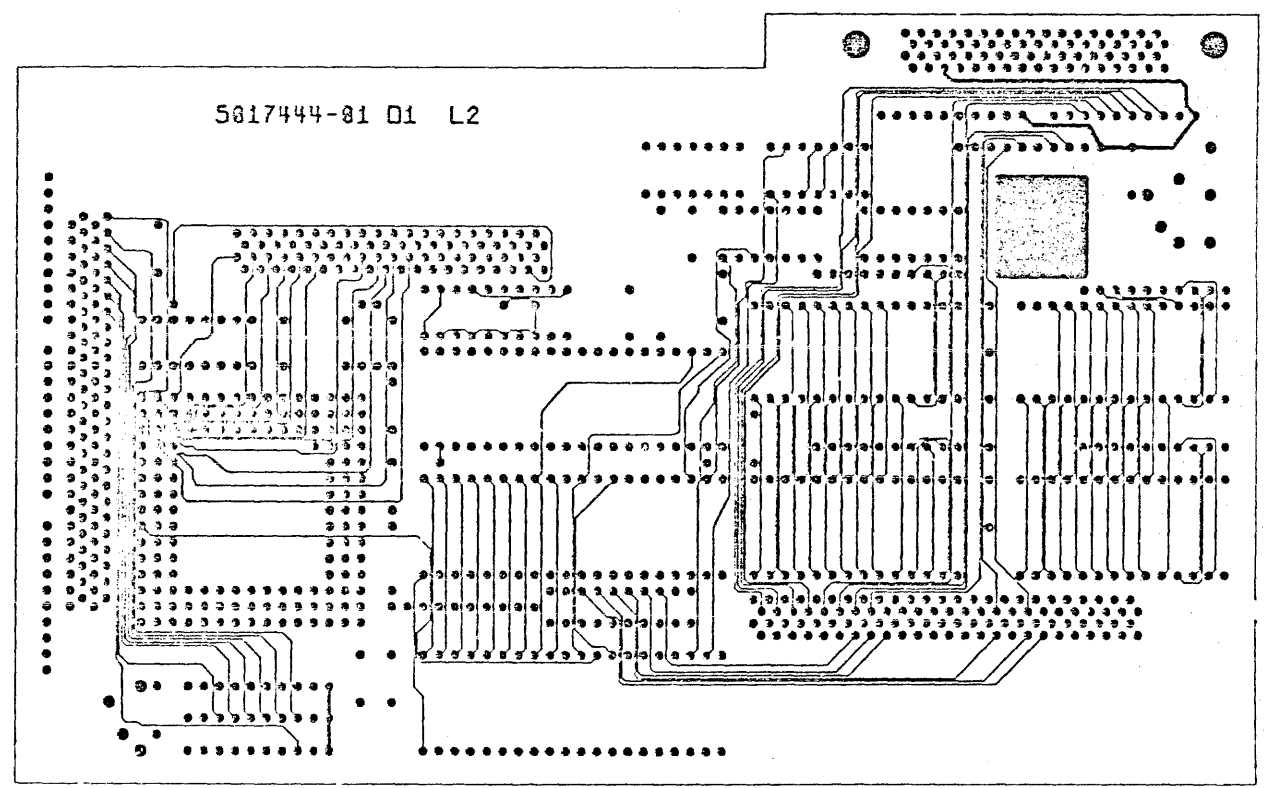
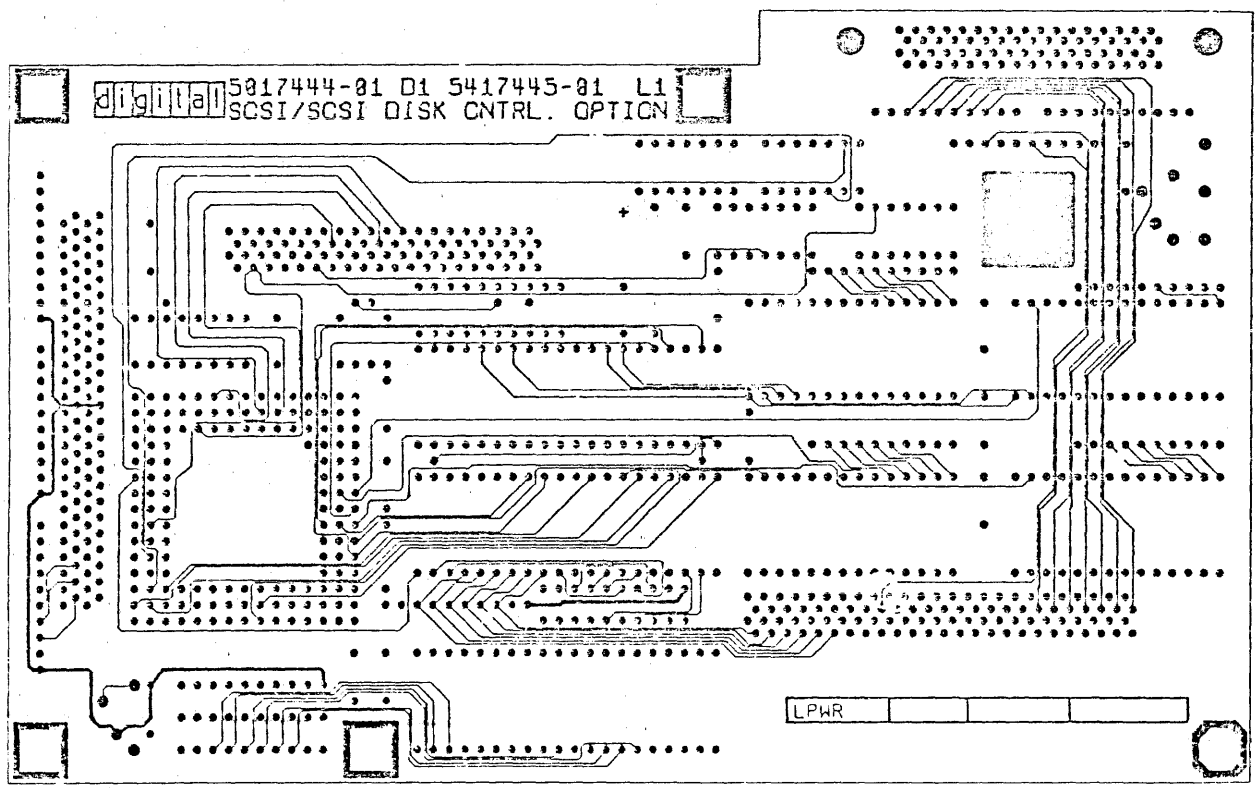
3

2

1

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VIEW FROM SIDE 1



REVISION HISTORY		
DATE	ECO NUMBER	REV

TITLE SCSI/SCSI
DISK CNTRL OPTION

DOCUMENT NUMBER		
SIZE	CODE	NUMBER
D	UA	5417445-0-0
SHEET 2 OF 3		

8

7

6

5

4

3

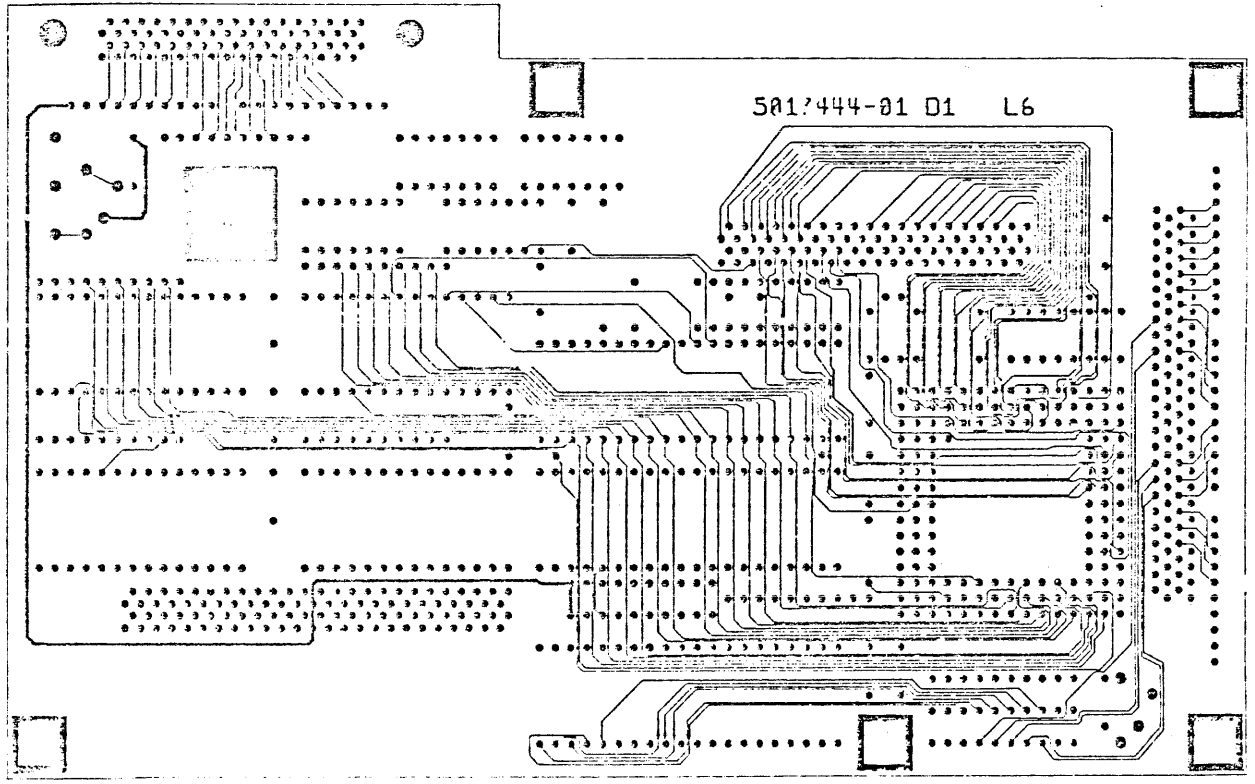
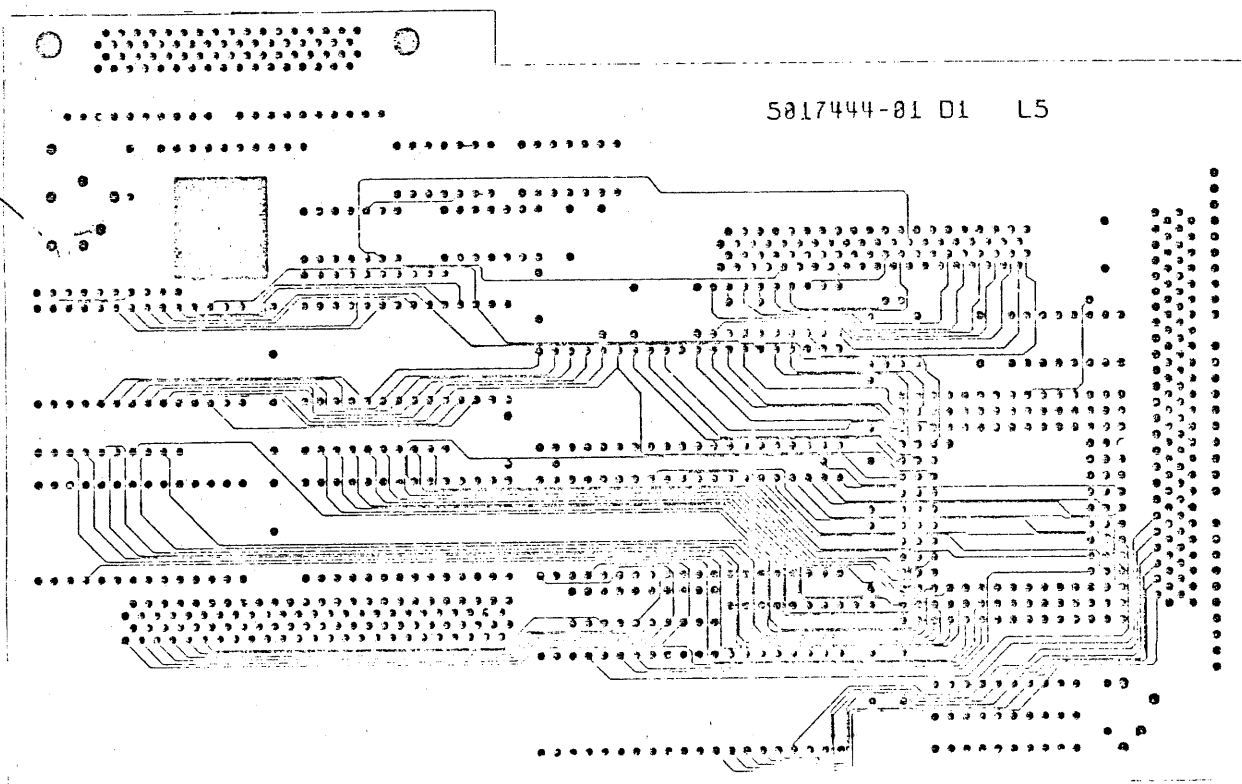
2

1

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REV. 1.1
DUA 5417445-0-0
NUMBER 5417445-0-0

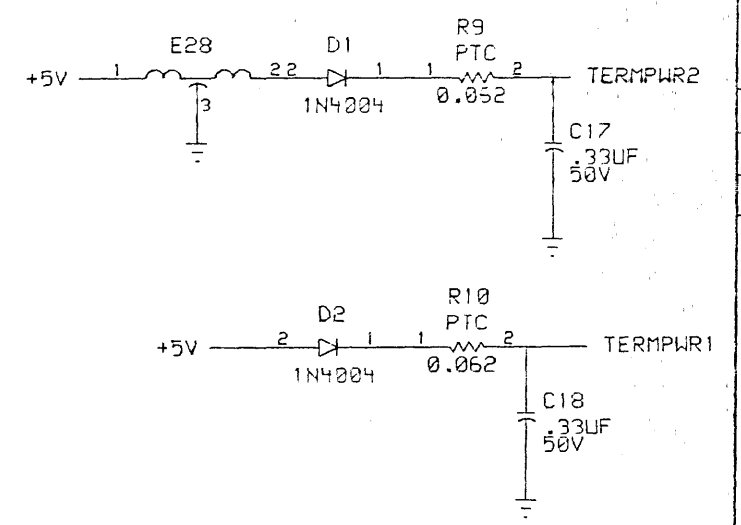
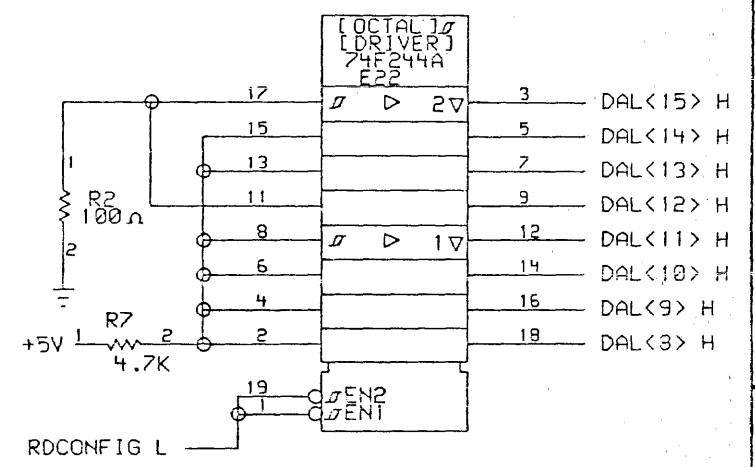
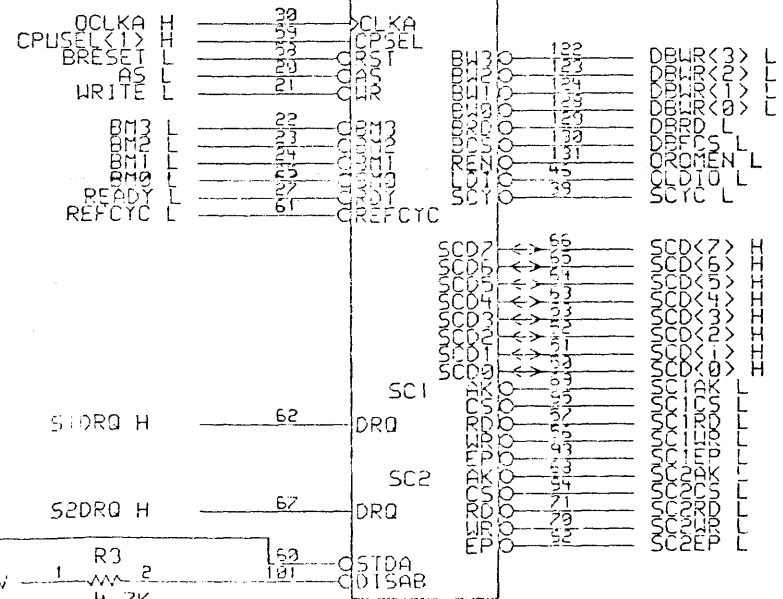
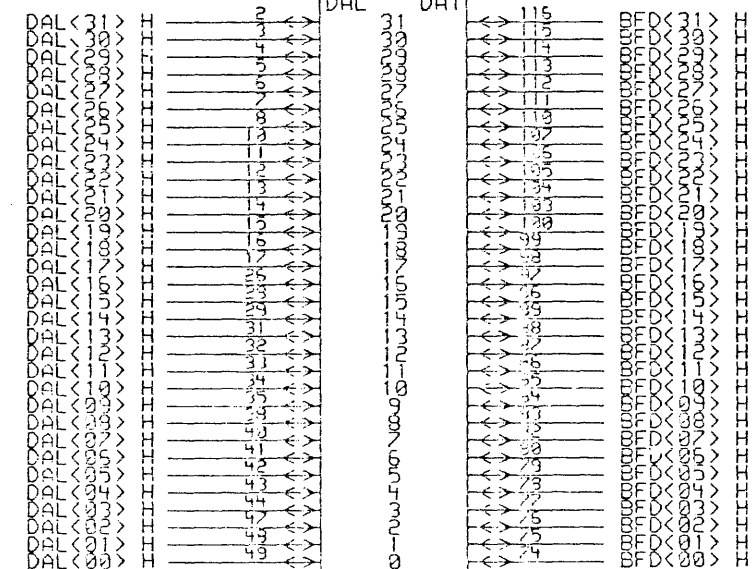
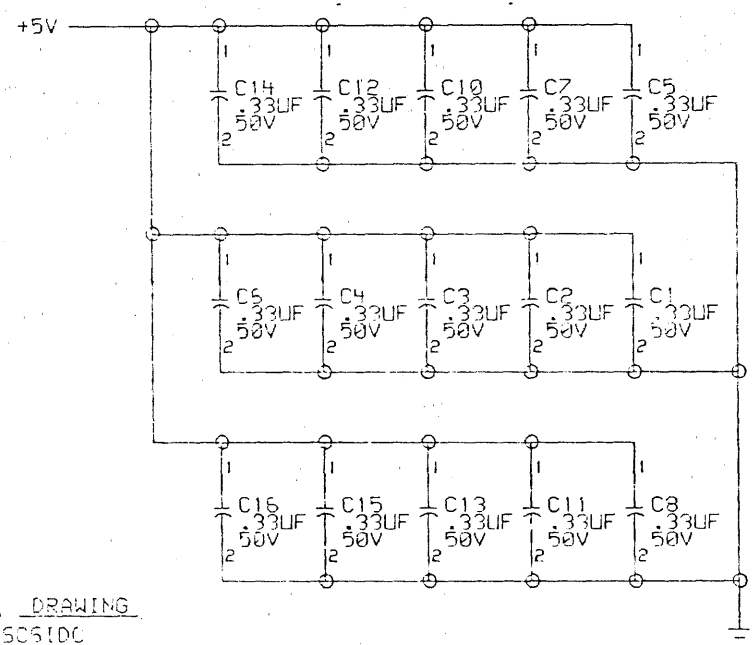
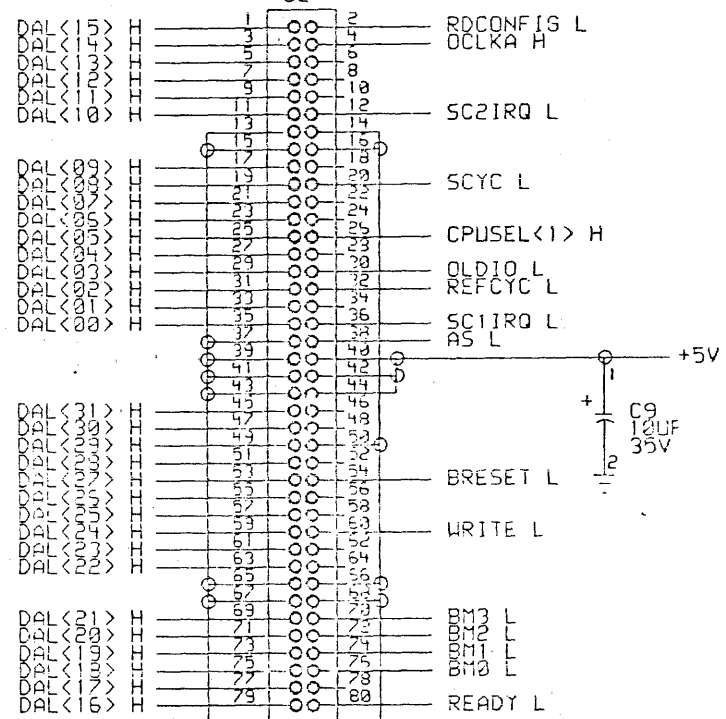
VIEW FROM SIDE 2



REVISION HISTORY		
DATE	ECO NUMBER	REV

TITLE SCSI/SCSI
DISK CNTRL OPTION

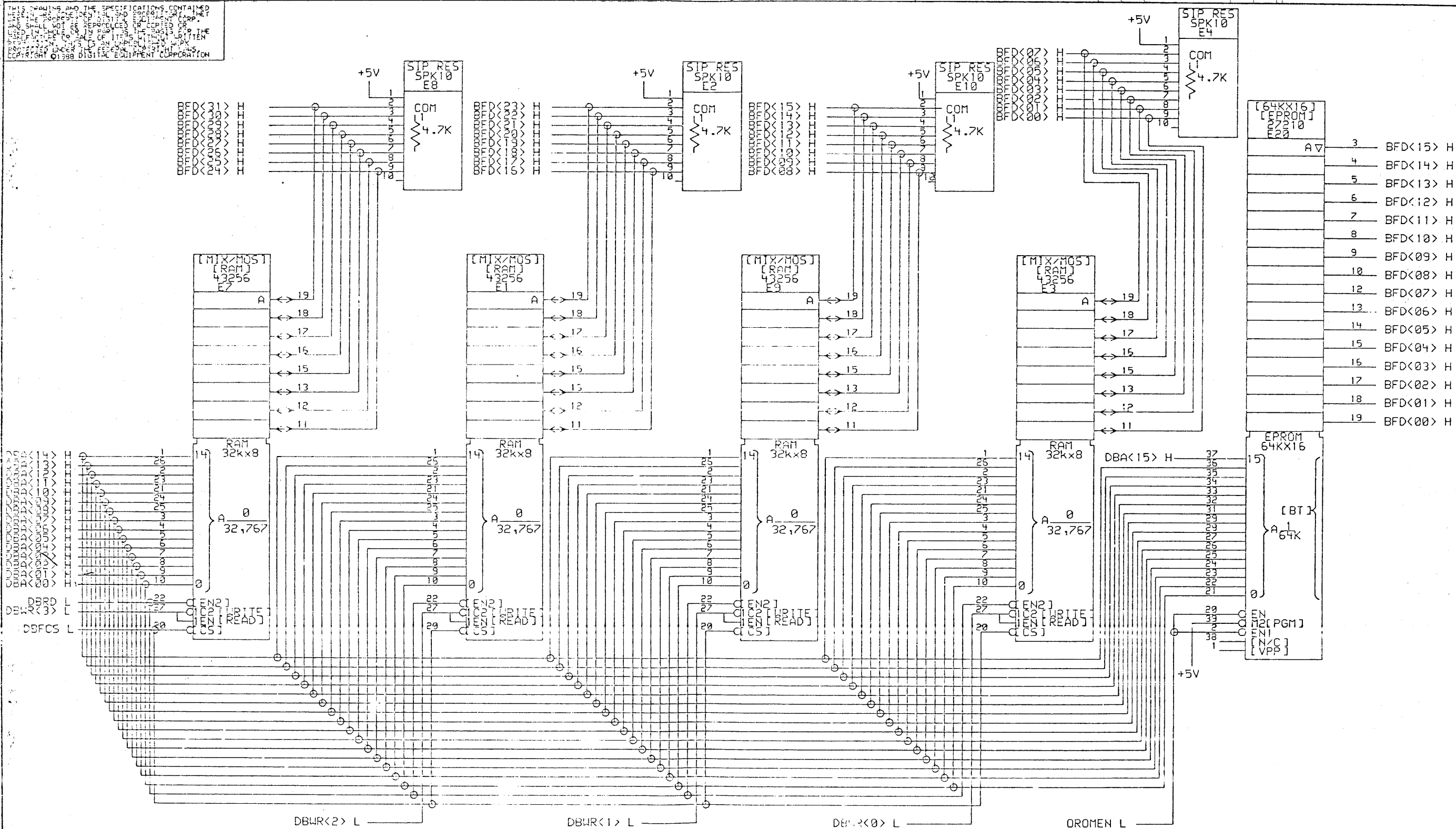
DOCUMENT NUMBER		
SIZE CODE	NUMBER	REV.
DUA	5417445-0-0	A
SCALE	2:1	SHEET 3 OF 3



DRAWING
SC51DC
SC51DC
LAST_MODIFIED=FRI Nov 18 09:58:03 1988

REVISION CHK CHANGE NO REV		DATE 1-APR-1988 George Lord		DATE 1-APR-1988 George Lord		TITLE: SCSI/SCSI DISK CONTROL OPTION	
LITERATURE FIRST USED IN OPTION MODEL		TOP SHEET NUMBER: K-00-5417445-0-0		SIZE CODE K CS		NUMBER 5417445-0-1	
REV. A		REV. A		REV. A		REV. A	

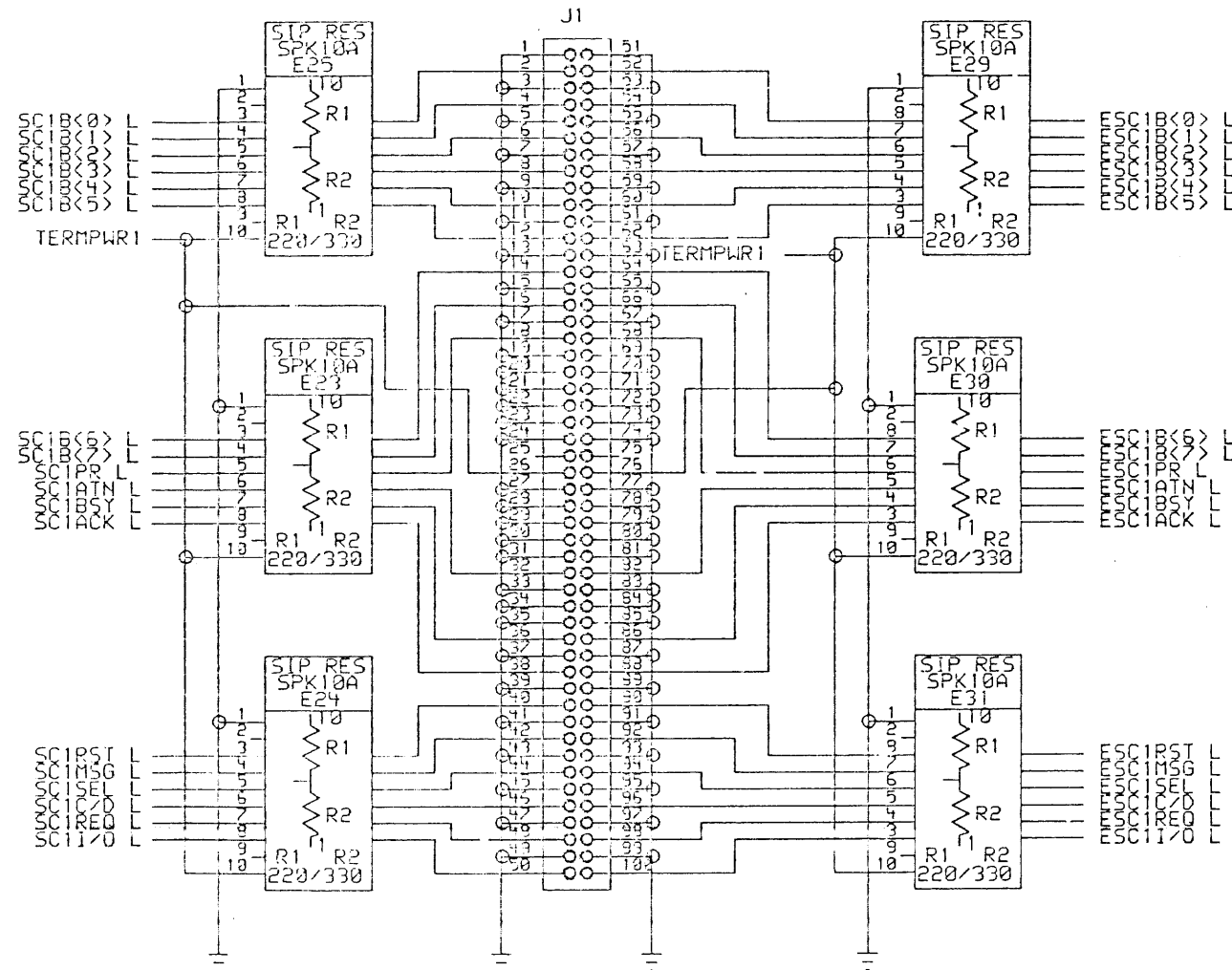
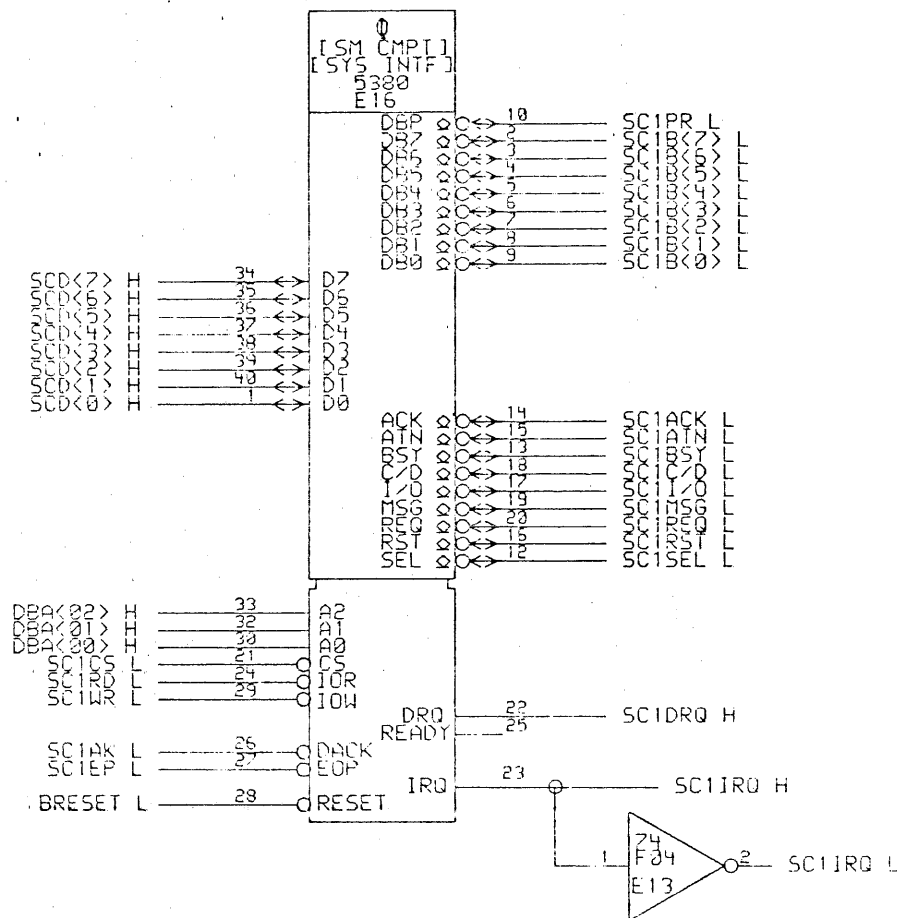
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DRAWING
LAST_MODIFIED=Mon Nov 21 10:08:07 1988

GEORGE LORD 1-APR-1988		TITLE: SCSI/SCSI	
BOARD LOCATION: 2 OF 5		DISK CONTROL OPTION	
TOP DOCUMENT NUMBER: K-DD-5417445-0-0		SIZE CODE: K CS	NUMBER: 5417445-0-1
		REV. A	

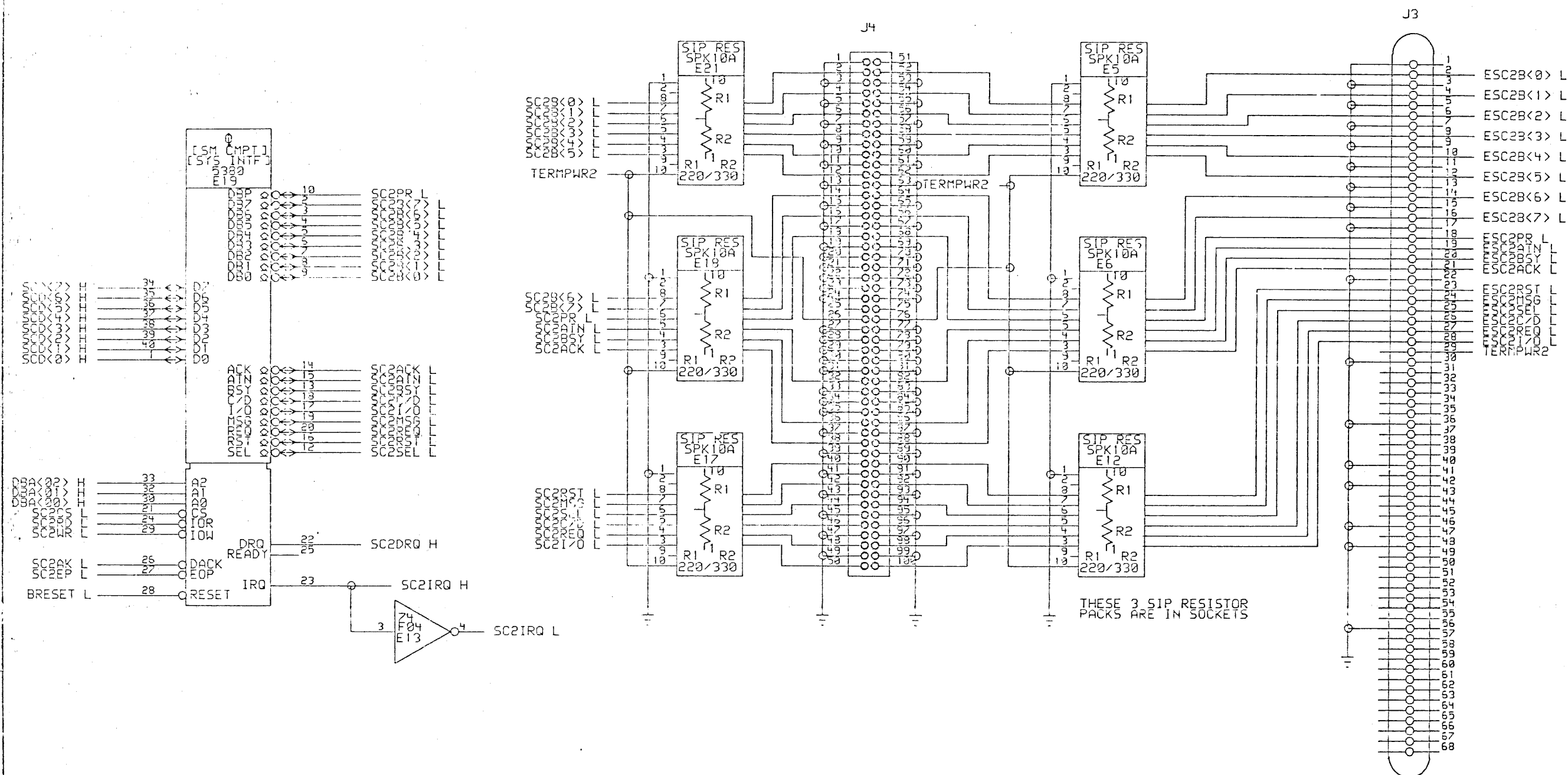
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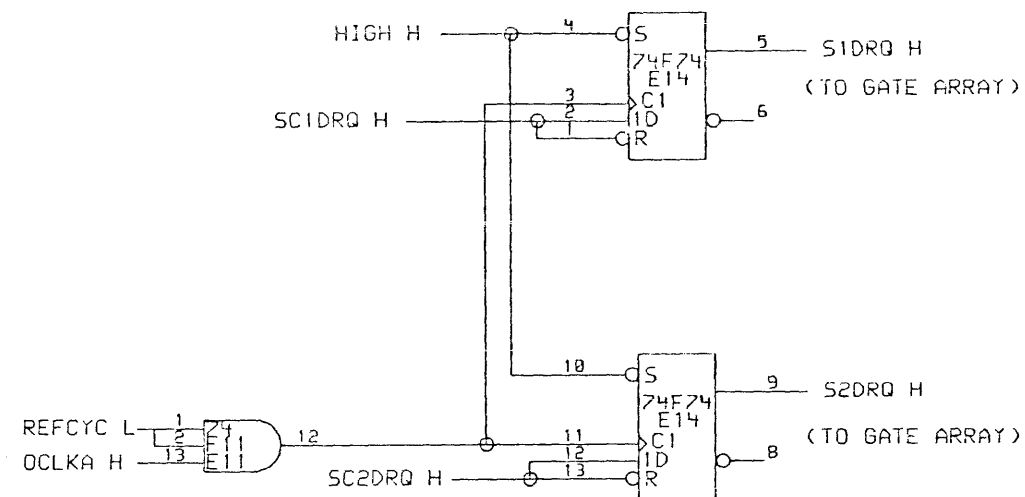
DRAWING

LAST_MODIFIED=Fri Nov 18 11:03:46 1988

ENG.	George Lord	DATE	1-APR-1988	TITLE:	SCSI/SCSI
SHEET	3	OF	5		DISK CONTROL OPTION
TCP DOCUMENT NUMBER:	K-DD-5417445-0-0	SIZE	CODE	NUMBER	REV.
		K	CS	5417445-0-1	A



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DRAWING

LAST MODIFIED=Fri Nov 18 11:17:18 1988

DESIGNED BY	George Lord	DATE	1-APR-1988	TITLE	SCSI/SCSI
BOARD LOCATION					DISK CONTROL OPTION
SHEET	5	OF	5	SIZE	CODE
TOP DOCUMENT NUMBER	K-DD-5417445-0-0			NUMBER	5417445-0-1
				REV.	A

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV				REFERENCE DESIGNATORS
						01 C2	02 C2	03 C2	04 C2	
1	1	D-MD-5017313-0-0	50-17313-01	D	CIRCUIT DRILL AND ETCH	1	1	1	1	
2	2		10-13466-07		220 PFD 50V +/- 5% NPO C	4	4	4	4	C16,C28-C30
3	3		10-14265-02		0.33 MFD 50V +80/-20% Z5U C	23	23	23	23	C1-C15,C17-C23,C27
4	4		10-17472-00		10 MFD 35V +75/-10% 85	3	3	3	3	C24-C26
5	5		11-05796-00		PIV= 400 IO= 1.00A 1N4004 DO-41	1	1	1	1	D1
6	6		12-30006-03		PCB HEADER 100POS .050CC STR	1	1	1	1	J8
7	7		12-10929-07		FUSE PICO 3.0 A 125V AXIAL LEA	1	1	1	1	F1
8	8		12-12965-00		*** THIS ITEM IS NOT USED ***	-	-	-	-	
9	9		12-15006-08		SKT,IC 40PIN DIP TIN SOLD	1	1	1	1	XE27
10	10		12-15341-06		PCB HEADER 34PIN(2X17).100CC STR	1	1	1	1	J9
11	11		12-15341-09		*** THIS ITEM IS NOT USED ***	-	-	-	-	
12	12		12-17535-01		SKT,IC 10PIN SIP TIN SOLD	3	-	3	-	XE5,XE9,XE15
13	13		12-18783-00		JUMPER 02POS(1X02).100CC	1	1	1	1	
14	14		12-21513-01		FILTER,EMI PC MTG	1	1	1	1	E24
15	15		12-29576-02		PCB HEADER 80POS(2X40).050CC 90D	1	1	1	1	J1
16	16		12-29857-01		CONN,KEY PLATE 68POS	1	1	1	1	
17	17		12-30008-01		CONN,D SUB 68POS 90D	1	1	1	1	J2
18	18		13-00229-00		100.0 .25 W 5.0 % CF	1	1	1	1	R17
19	19		13-00271-00		220.0 .25 W 5.0 % CF	1	1	1	1	R20
20	20		13-00295-00		330.0 .25 W 5.0 % CF	1	1	1	1	R18
21	21		13-00309-00		390.0 .25 W 5.0 % CF	2	2	2	2	R6,R9
22	22		13-00447-00		4.70 K .25 W 5.0 % CF	6	6	6	6	R3,R7,R8,R15,R16,R22
23	23		13-00479-00		10.0 K .25 W 5.0 % CF	1	1	1	1	R1
24	24		13-01317-00		10.0 .25 W 5.0 % CF	3	3	3	3	R5,R11,R19
25	25		13-12114-01		R. NET 470.0 - 8 5.0	1	1	1	1	E18
26	26		13-16334-02		R. NET 10.0K- 9 2.0	1	1	1	1	E20
27	27		13-16395-00		R. NET 4.7K- 9 2.0	4	4	4	4	E31,E33,E37,E39
28	28		13-24050-01		R. NET 220.0 - 8 330.0 - 8 2.0	6	-	6	-	E1,E5,E6,E9,E10,E15
			CONT			-	3	-	3	E1,E6,E10
29	29		16-18238-02		BEAD,FERRITE .1380DX.330LG	3	3	3	3	L1-L3

REVISION HISTORY			KPL MODULE FORMAT		SECTION A OF A		DRN: B.OUELLETTE		DIGITAL				
							DATE: 15-AUG-88						
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX					CHK'D: B.OUELLETTE		TITLE PARTS LIST			
---	INITIAL	A	[A]	01,02,03,04	[M]			DATE: 23-SEP-88		PVAX DISK CONTROLLER			
L.N	5417314-ML001	B	[B]		[N]								
L.N	5417314-ML002	C	[C]		[P]			DES.ENG: A.ASBURY					
LN	5417314-ML003	D	[D]		[Q]			DATE: 23-SEP-88		DOCUMENT NUMBER			
			[E]		[R]					SIZE	CODE	NUMBER	REV
			[F]		[S]			RESP.ENG.: A.ASBURY					
			[H]		[T]			DATE: 23-SEP-88		K	PL	5417314-0-DBP	D
			[J]		[V]								
			[K]		[W]			MFG.ENG: J. ZAMORA		RELEASE DATE: 18-APR-89			
			[L]		[Y]			DATE: 23-SEP-88		RELEASE STATUS: RELEASED			
			BASIC PART NUMBER:		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		EDIT #				
			5417314		D-UA-5417314-0-0		K-DD-5417314-0-0						1
			FILE NAME: MLA1408D.PLS										

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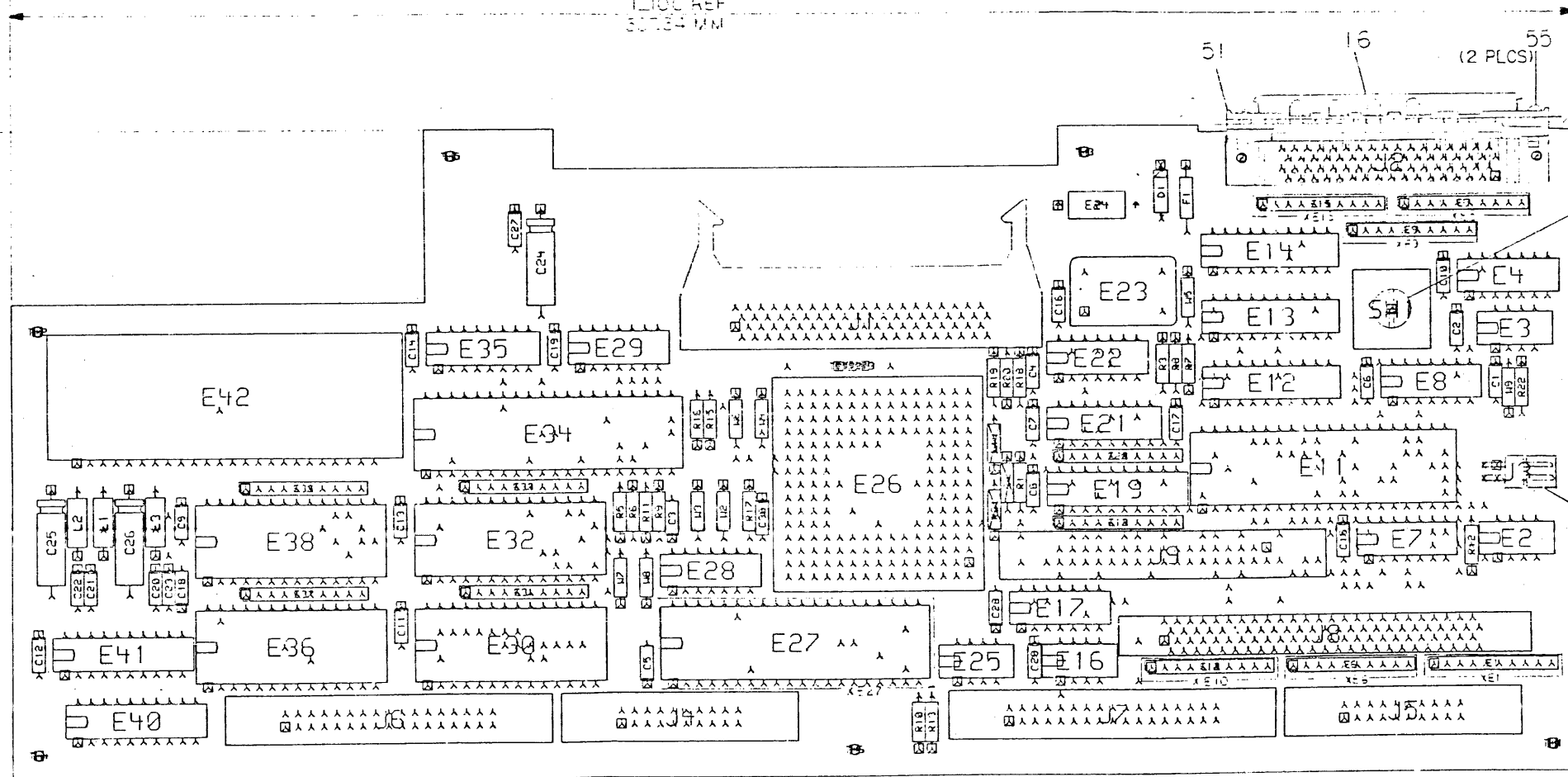
LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV				REFERENCE DESIGNATORS
						01 C2	02 C2	03 C2	04 C2	
30	30		18-14057-00		OSCILLATOR, XTAL 40.000 MHZ	1	1	1	1	E23
31	31		19-10545-00		74S112 FF-JK DUAL,EDGE TRIG	1	1	1	1	E21
32	32		19-12843-00		LS139 DECODER, 2 OF 4(DUAL	1	1	1	1	E35
33	33		19-12863-00		LS273 FF-D OCTAL W/CLEAR	2	2	2	2	E13,E41
34	34		19-13414-00		LS14 INVERTER GATE-HEX SC	1	1	1	1	E7
35	35		19-13777-00		LS240 DRIVER,LINE,OCTAL,TR	1	1	1	1	E14
36	36		19-15417-00		*** THIS ITEM IS NOT USED ***	-	-	-	-	
37	37		19-15932-00		LS125 BUFFER,QUAD BUS	1	1	1	1	E29
38	38		19-19542-01		*** THIS ITEM IS NOT USED ***	-	-	-	-	
39	39		19-20572-01		74F244 BUFFER/LINE DRIVER,O	1	1	1	1	E19
40	40		19-21008-01		74F240 BUFFER/LINE DRIVER,I	2	2	2	2	E12,E40
41	41		19-21305-01		74F00 NAND GATE,QUAD,2-IN	1	1	1	1	E22
42	42		19-21308-01		74F08 AND GATE,QUAD,2-IN	1	1	1	1	E8
43	43		19-21312-01		74F32 OR GATE,QUAD,2-IN	1	1	1	1	E28
44	44		19-21315-01		74F86 EXCLUSIVE OR GATE,QU	2	2	2	2	E4,E17
45	45		20-28965-01		HYBRID,LEVEL SHIFTER+VCO,COMPONE	1	1	-	-	E42
46	46		21-24192-01		9224 CONTROLLER,DISK	1	1	1	1	E34
47	47		21-25351-01		INTERFACE CHIP (SCSI	1	1	1	1	E11
48	48		21-26307-05		STATIC RAM 32768X8BI	4	4	4	4	E30,E32,E36,E38
49	49		21-29556-01		DC7123 GATE ARRAY 180 PGA	1	1	1	1	E26
50	50		23-4E8 -00 A		*** THIS ITEM IS NOT USED ***	-	-	-	-	
51	51		74-37506-01		GASKET,OPTION	1	1	1	1	
52	52		90-09116-01		SCREW,CAPTIV ASSY 6-32	1	1	1	1	
53	53		90-09149-00		PIN,STAKNG 0.0250DX0.345LG SQUAR	3	3	3	3	TP1-TP3
54	54		90-09185-00		JUMPER, WIRE, INSULATED, BLACK B	8	8	8	8	W2-W9
55	55		90-10917-01		SCREW,MACH FLAT,THD.METRIC 02.	2	2	2	2	
56	56		23-22E8 -00 A		*** THIS ITEM IS NOT USED ***	-	-	-	-	
57	57		23-27E8 -00 A		E8-02 NMOS-U	1	1	1	1	E27

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							PVAX DISK CONTROLLER		K	PL	5417314-0-DBP	D

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100 REF
124.46 MM

1000 REF
307.34 MM



13
SEE NOTE
1

NOTES:

1. INSTALL ITEM 13 OVER BOTTOM TWO PINS (PIN 1 & 21 OF J3).
2. USE 27 AND 127 NOT 128.
3. R3, R14, R21 ARE NOT INSTALLED.

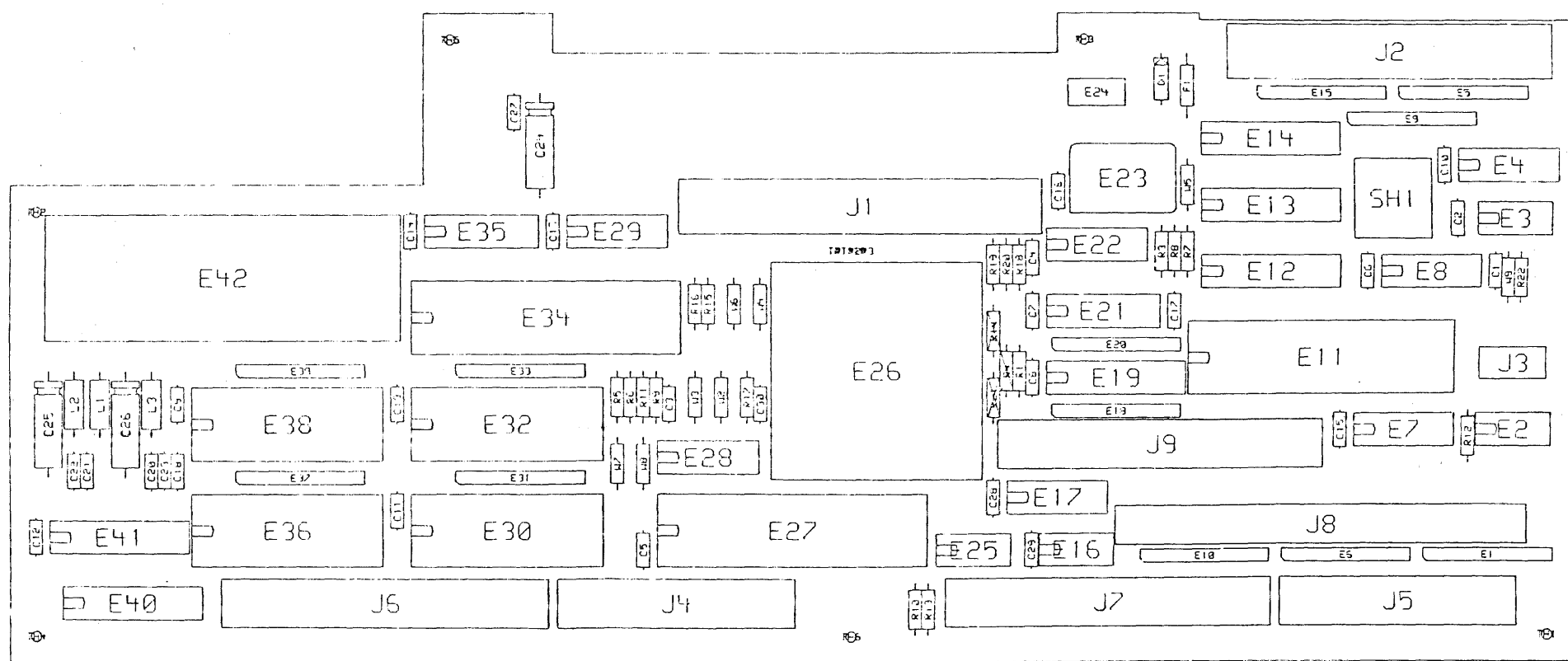
STEP	↑ Y AXIS	STEP	TIMES
REPEAT	→ X AXIS	STEP	TIMES

CHK CHANGE NO. REV
SYN INIT

ETCH REV. 01

SIGNATURES		DATE	digital			
DRN. R. KIMBALL		12/1/68	TITLE PVAX DISK CONTROLLER			
CHK'D. S. J. JONES		12/1/68				
MECH. ENG. S. J. JONES		12/1/68				
PROJ. ENG. S. J. JONES		12/1/68				
PROD. J. J. JONES		12/1/68				
SCALE 2/1			SIZE	CODE	NUMBER	REV
SHT. 1 OF 4			0	UA	5417314-0-0	A
NEXT HIGHER ASSY. K-00-5417314-0-0						

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NOTES:

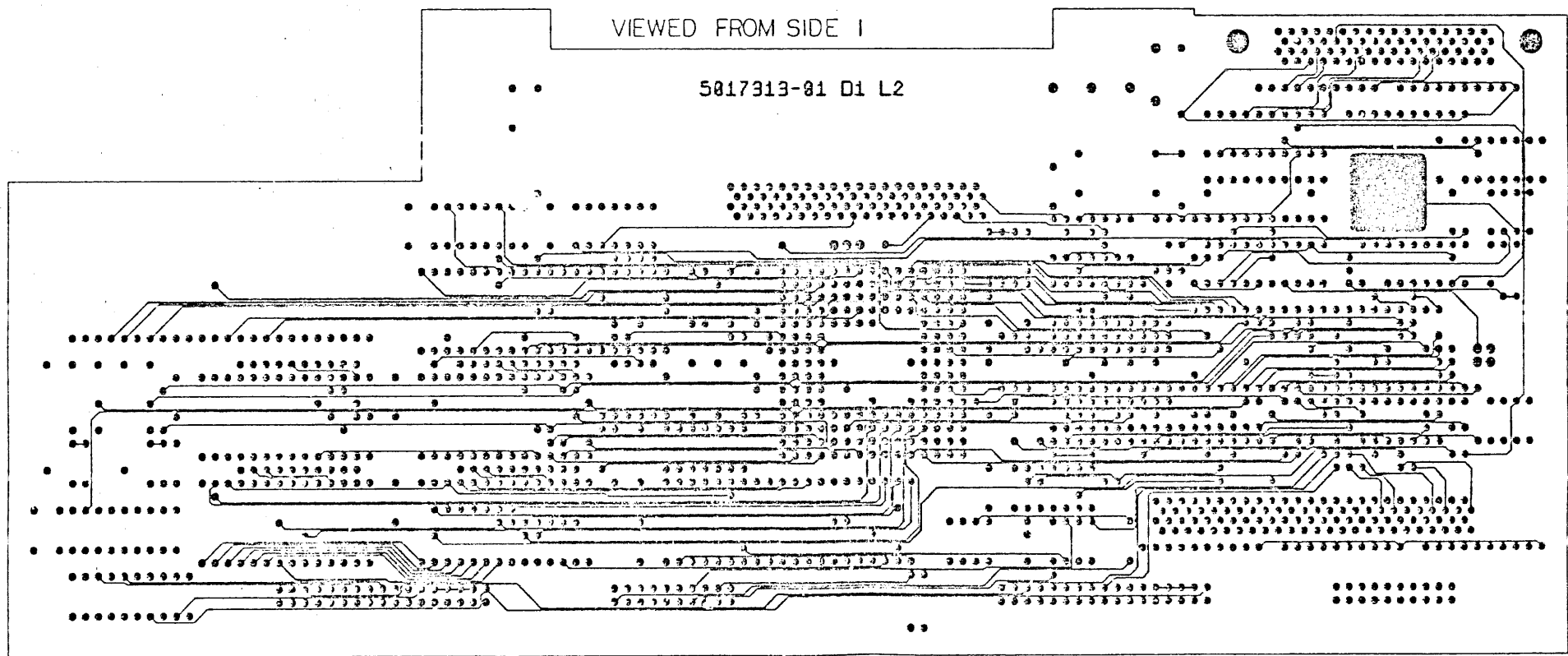
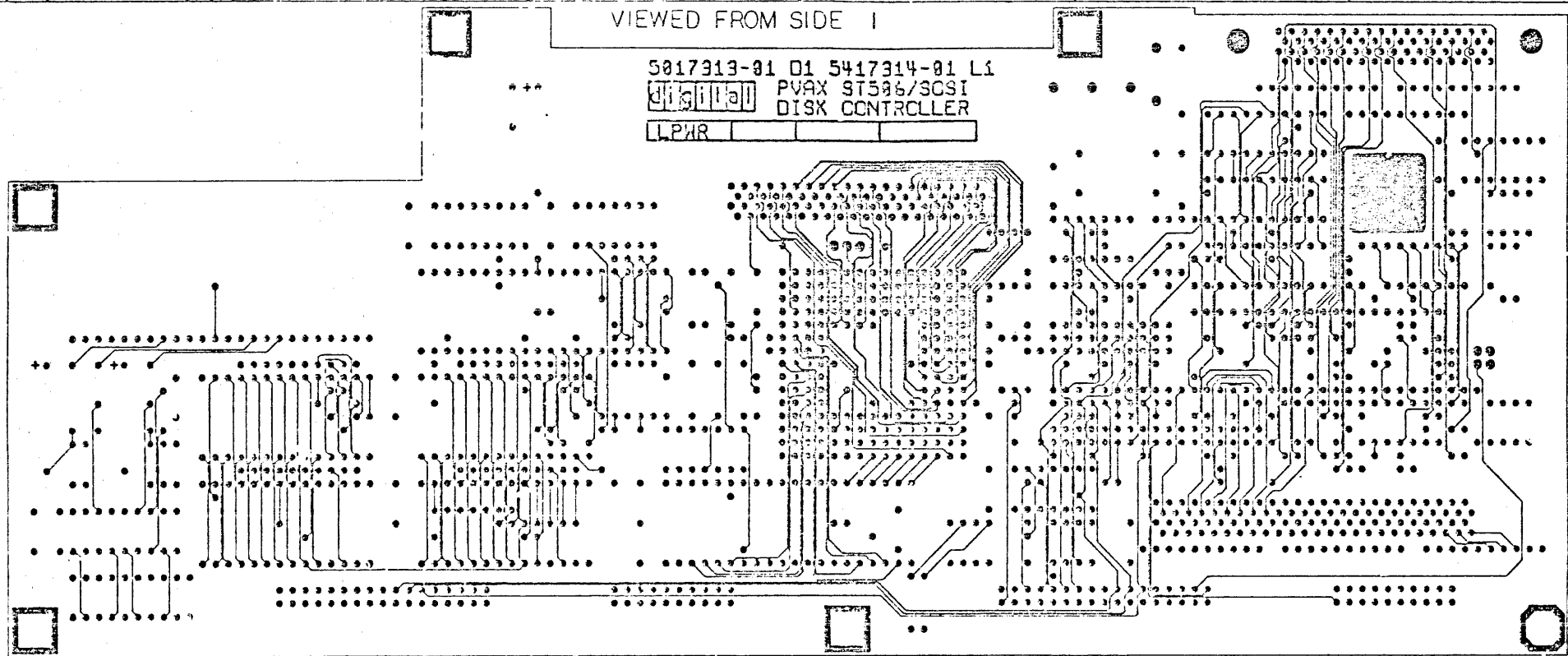
STEP	E	↑ Y AXIS	STEP	TIMES
REPEAT		→ X AXIS	STEP	TIMES

CHK	CHANGE	NO	REV

SIGNATURES		DATE	digital	
DRN. R. KIMBALL		(DATE)		
CHK D. C. [signature]		(DATE)		
MECH. ENG.				
PROJ. ENG.				
PROD.			TITLE PVAX	
			DISK CONTROLLER	
SCALE 2/1		SIZE/CODE	NUMBER	REV
SHT. 2 OF 4		D UA	5417314-0-0	A
NEXT HIGHER ASSY. K-00-5417314-3-0				

5417314-0-0
REV. A
A

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REVISION HISTORY		
DATE	ECO NUMBER	REV

TITLE PVAX
DISK CONTROLLER

DOCUMENT NUMBER		
SIZE CODE	NUMBER	REV
D	UA 5417314-0-0	A
SCALE 2 1	SHEET 3	OF 4

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0-0-5417314-0-0

VIEWED FROM SIDE 2

5017313-01 D1 L5

VIEWED FROM SIDE 2

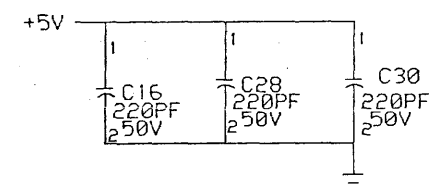
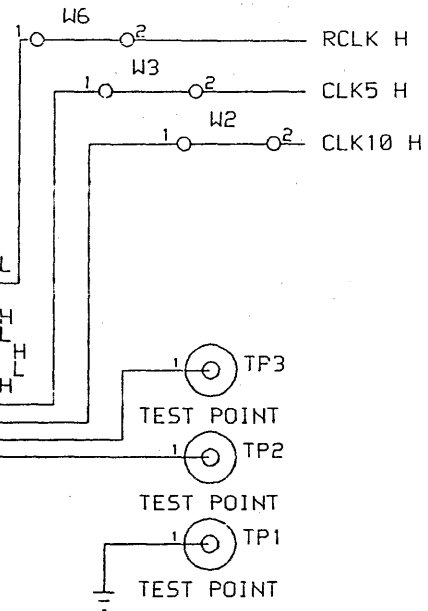
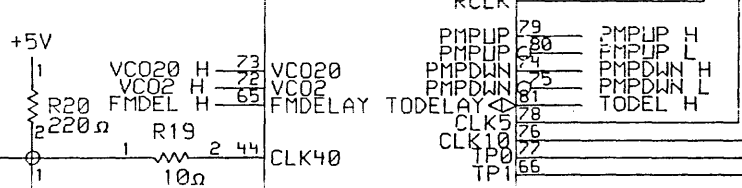
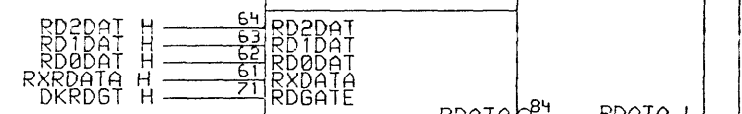
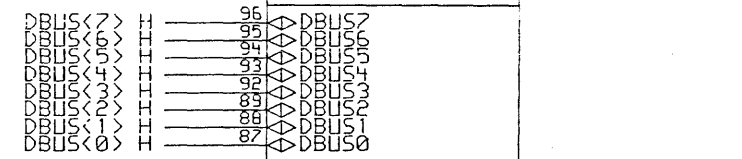
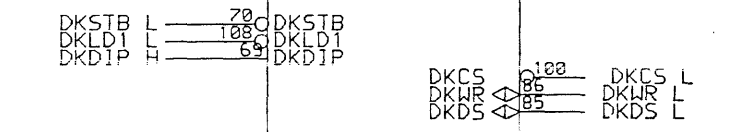
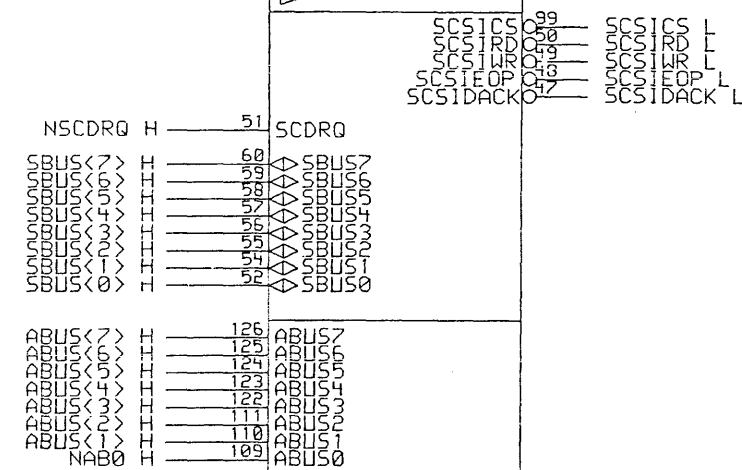
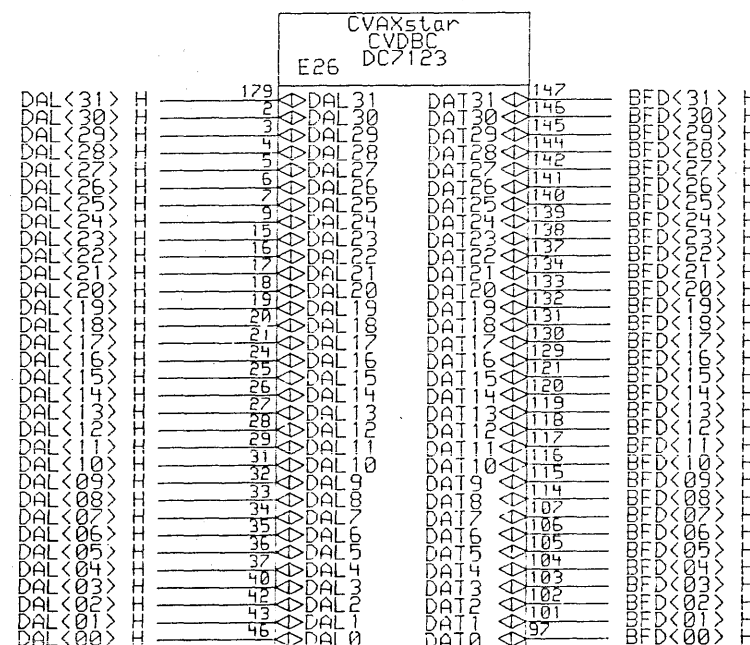
5017313-01 D1 L6

REVISION HISTORY		
DATE	DESCRIPTION	REV

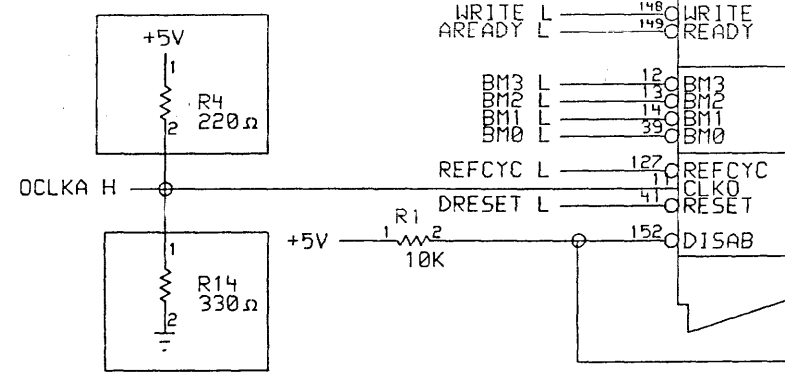
TITLE
PVAX
DISK CONTROLLER

DOCUMENT NUMBER		
SIZE CODE	NUMBER	REV
DUA	5417314-0-0	A
SCALE	2:1	SHEET 4 OF 4

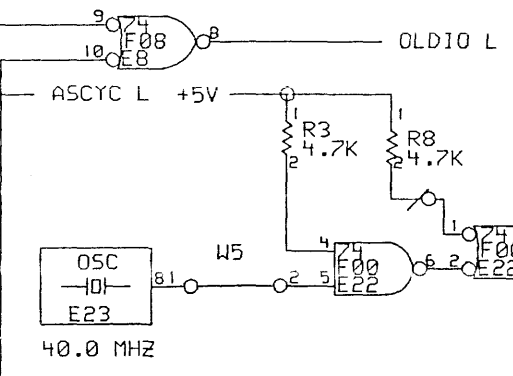
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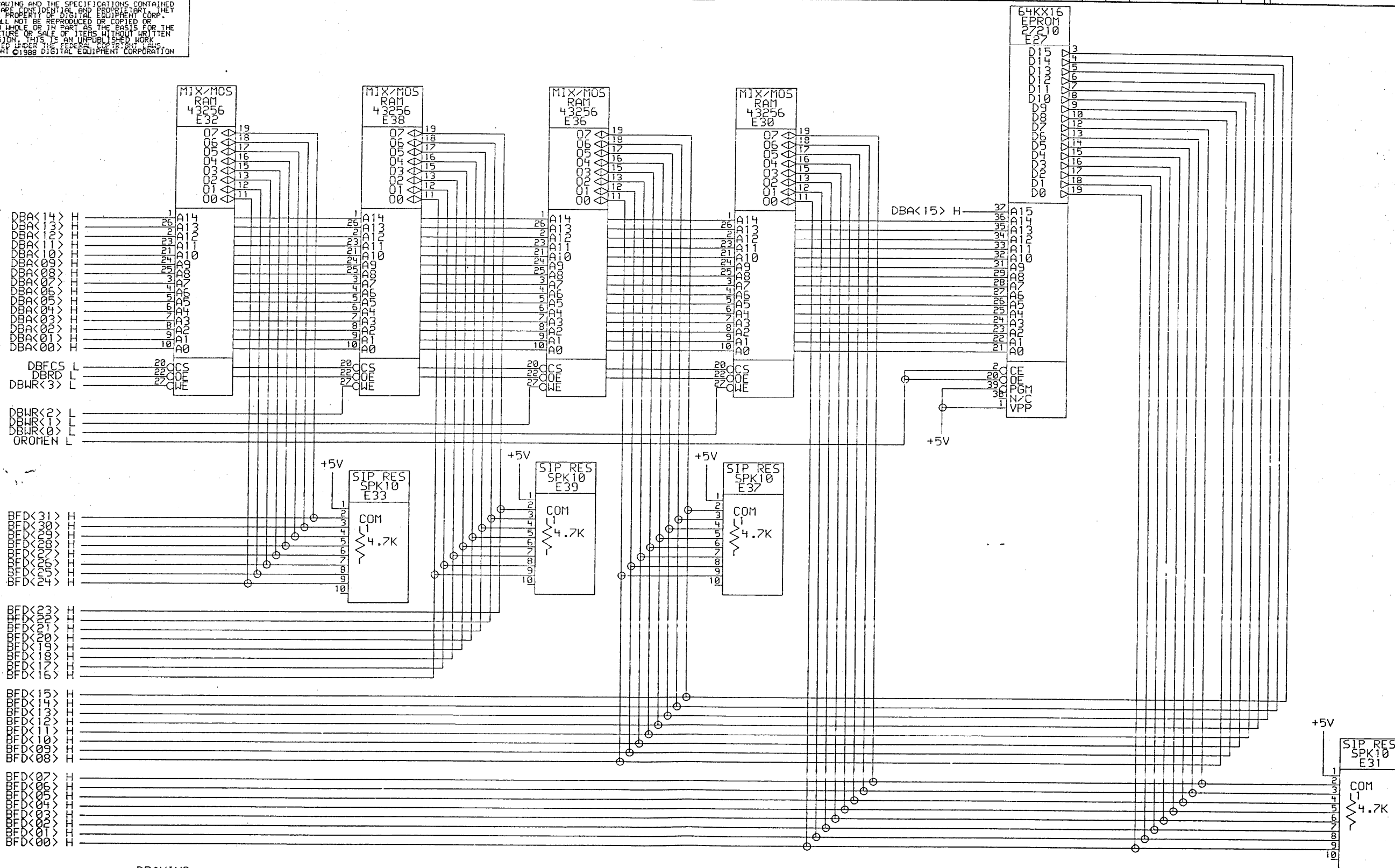
NOTE: R4 NOT USED



NOTE: R14 NOT USED



C



DRAWING

LAST_MODIFIED=Mon Sep 26 09:11:03 1988

ENG: GEORGE LORD		DATE: 21-JUL-87		TITLE: PVAX DISK CONTROLLER			
BOARD LOCATION: SHEET 3 OF 7							
TOP DOCUMENT NUMBER: K-DD-5417314-0-0				SIZE: K	CODE: CS	NUMBER: 5417314-0-1	REV. A

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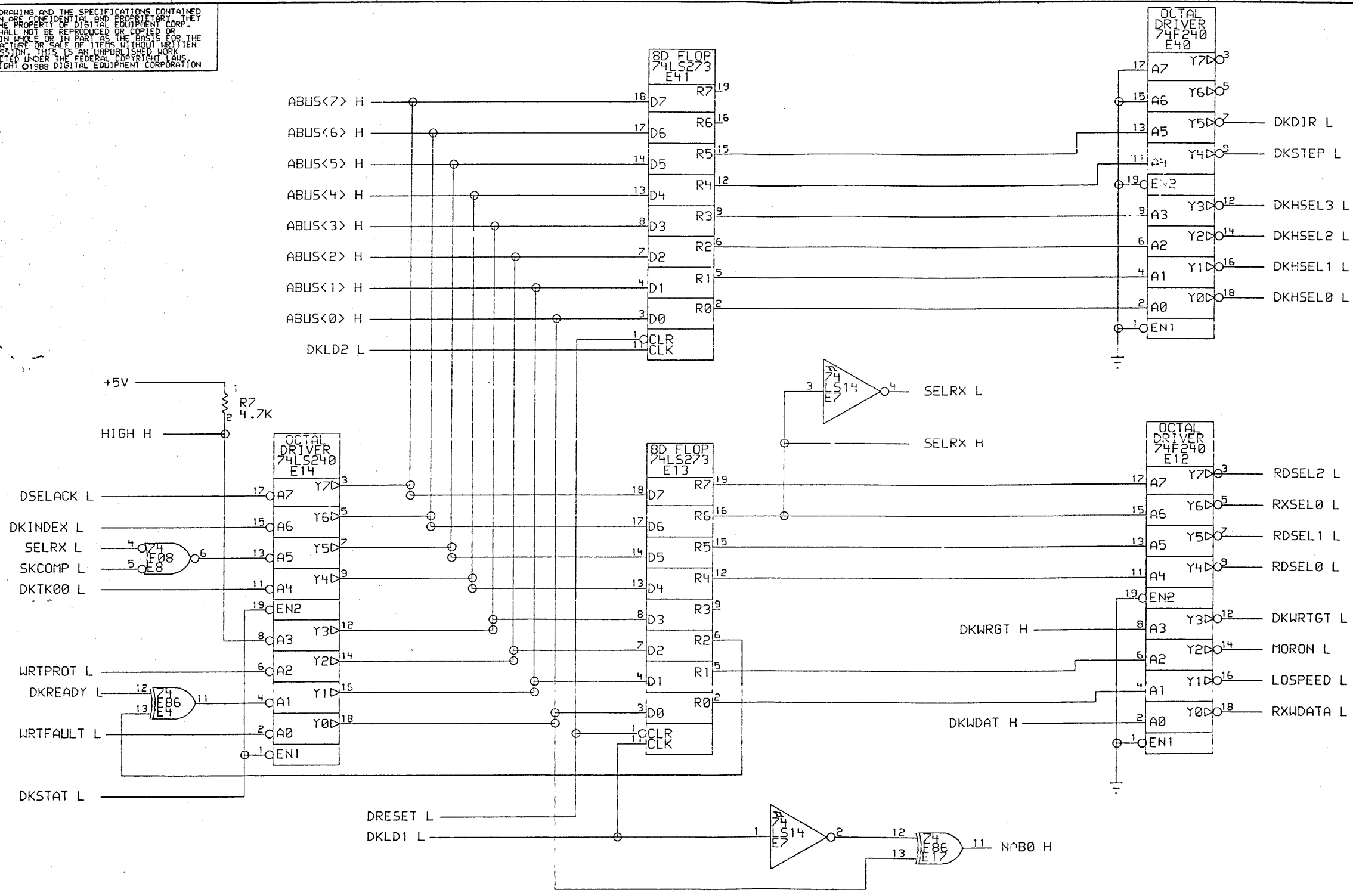
DRAWING

LAST_MODIFIED=Mon Sep 26 09:29:28 1988

NAME: GEORGE LORD		DATE: 21-JUL-87		TITLE: PVAX DISK CONTROLLER	
BOARD LOCATION: SHEET 4 OF 7		TOP DOCUMENT NUMBER: K-DD-5417314-0-0		SIZE: K	CODE: CS
				NUMBER: 5417314-0-1	REV: A

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D
C
B
A

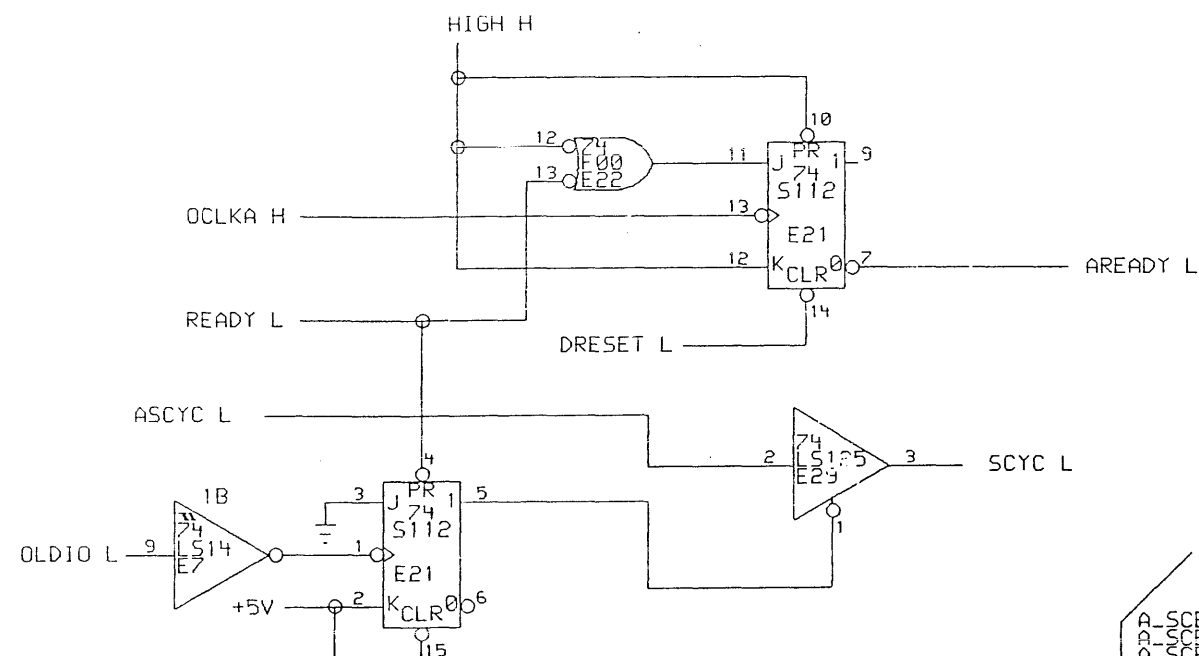
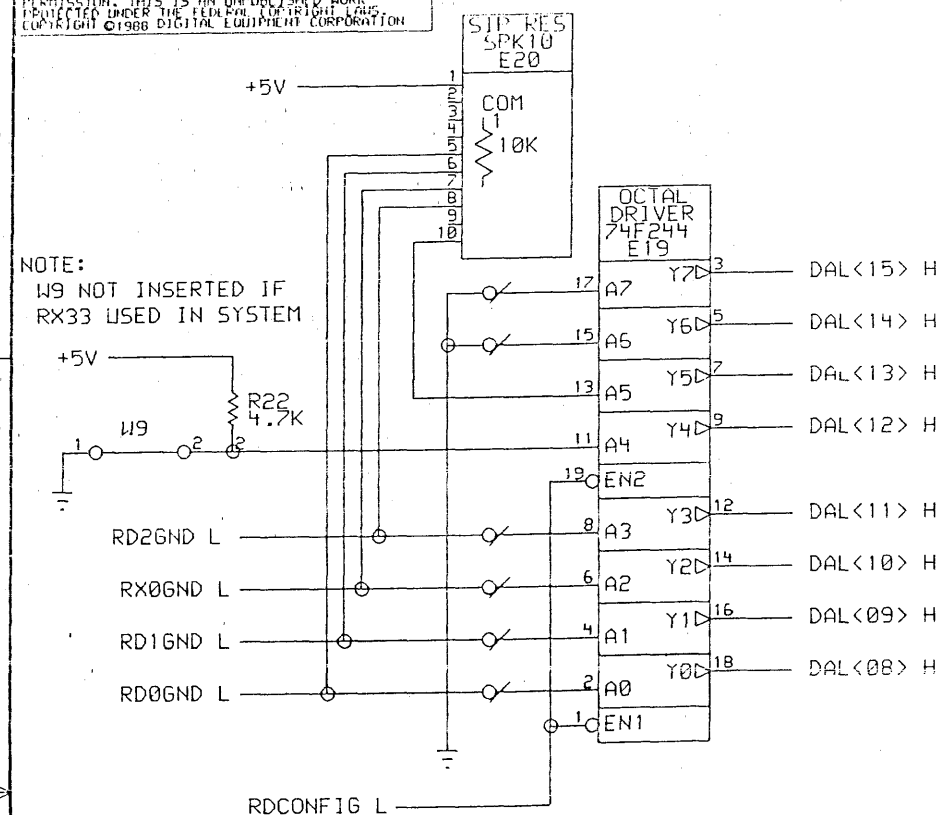


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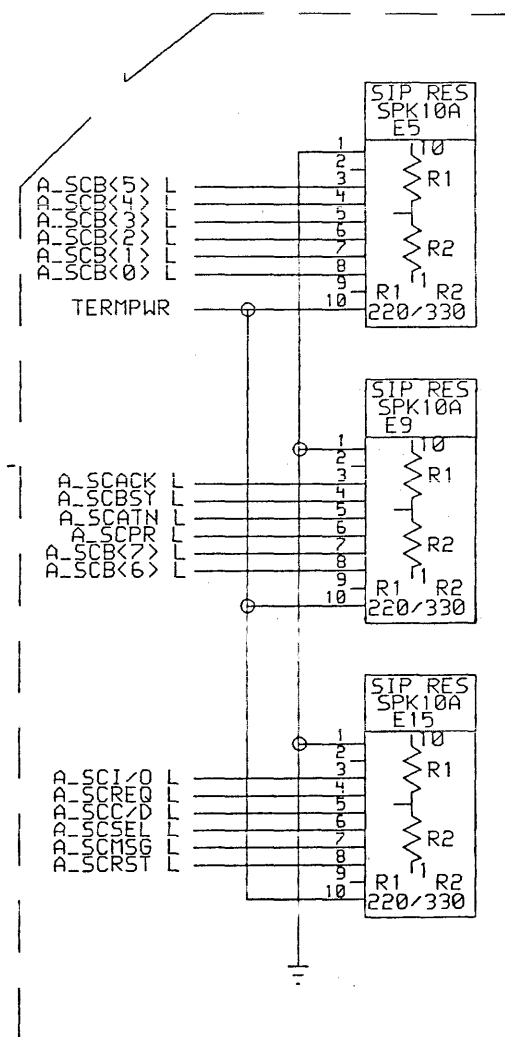
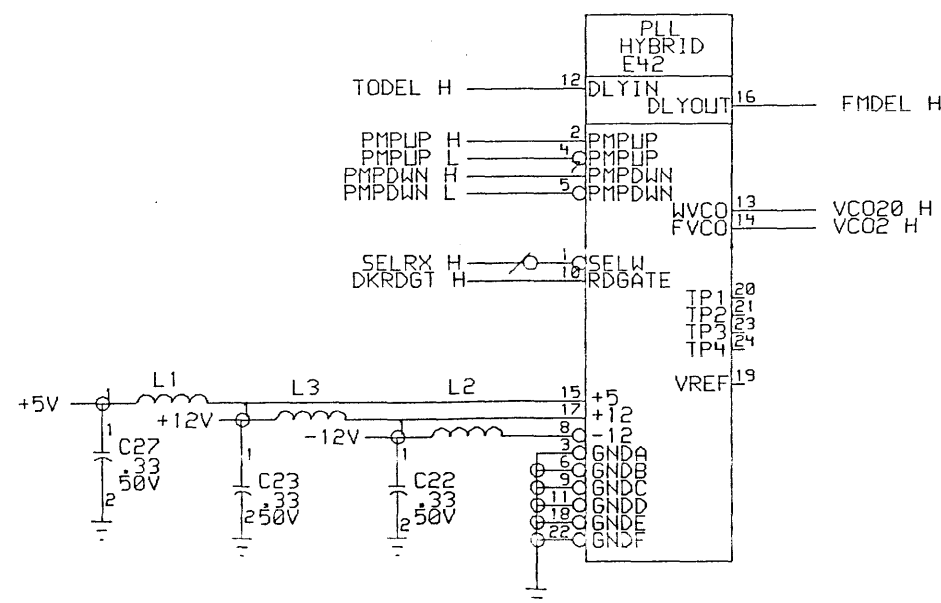
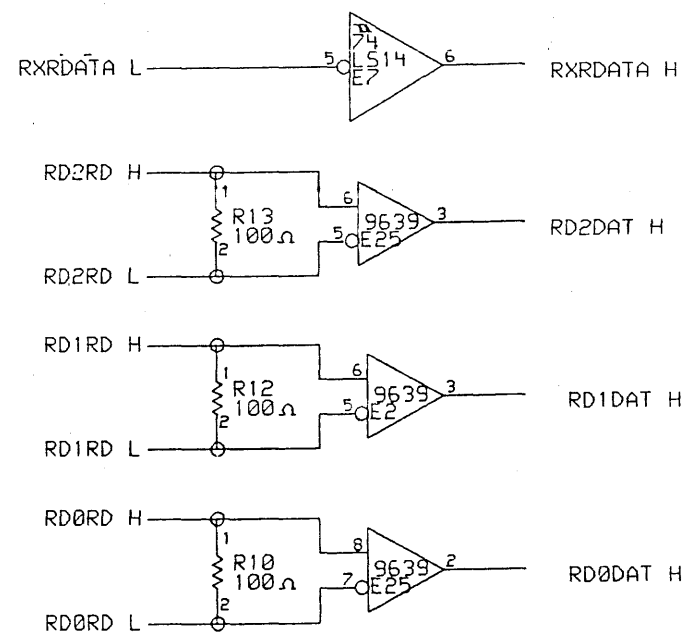
ENG	GEORGE LORD	DATE	21-JUL-87	TITLE	PVAX DISK CONTROLLER		
BOARD LOCATION							
SHEET	5	OF	7				
TOP DOCUMENT NUMBER	K-DD-5417314-0-0			SIZE	CODE	NUMBER	
	K	CS				5417314-0-1	
						REV. A	

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NOTE:

SCSI Terminator Inside
Dotted Line Will
Only Be Present
On 54-17314-01 And
54-17314-03 Boards.



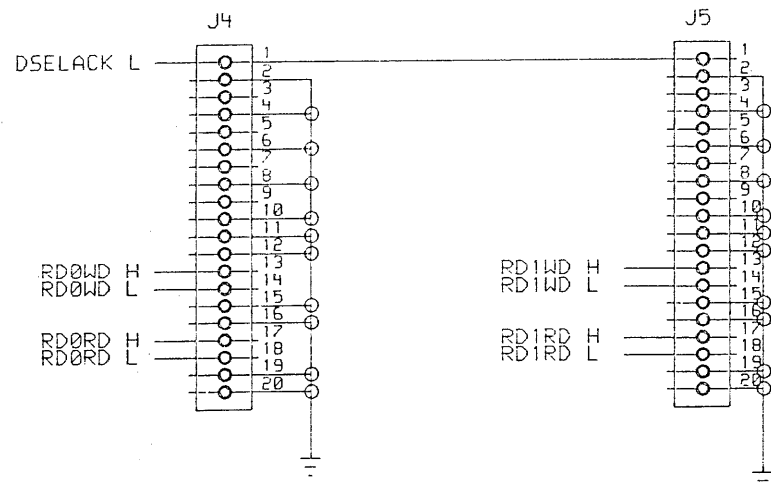
DRAWING

LAST_MODIFIED=Fri Sep 30 13:12:22 1988

ENG: GEORGE LORD		DATE: 21-JUL-87	TITLE: PVAX DISK CONTROLLER	
BOARD LOCATION:				
SHEET	6	OF	7	
TOP DOCUMENT NUMBER: K-DD-5417314-0-0		SIZE: K	CODE: C5	NUMBER: 5417314-0-1
				REV. A

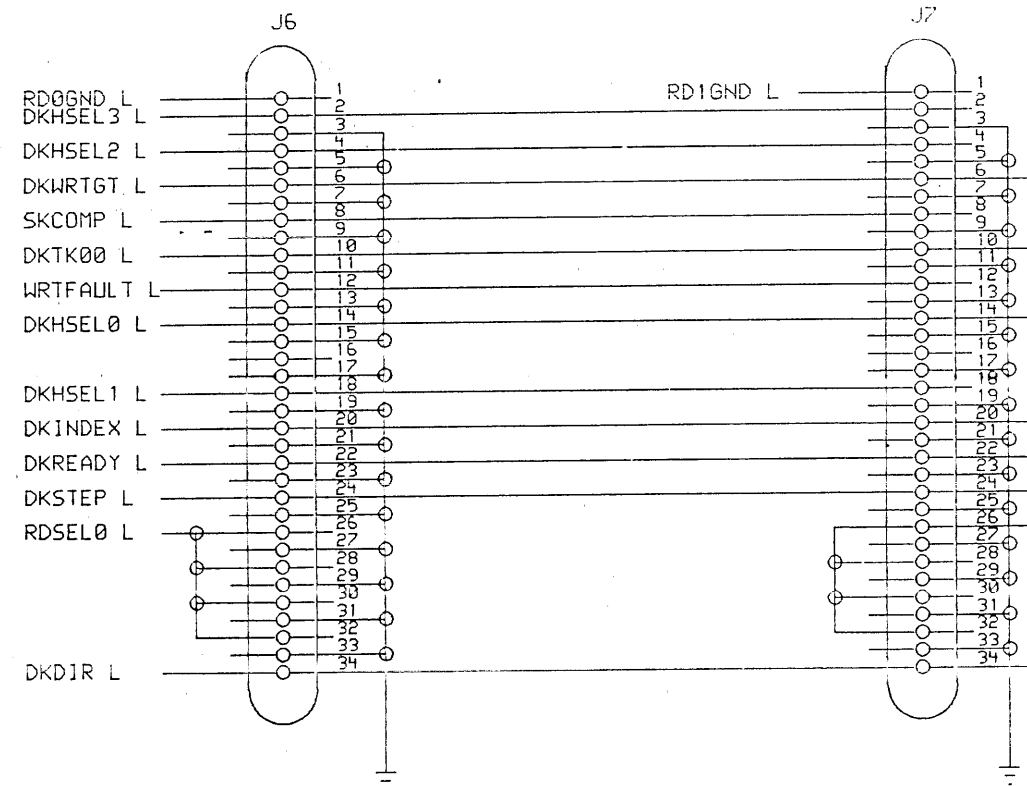
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D
C
B
A



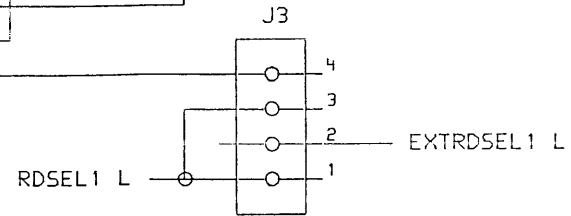
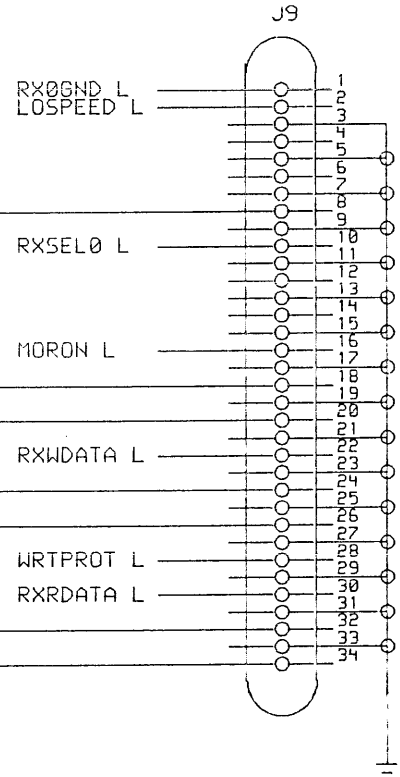
TO RD0
(Always internal)

TO RD1
(If internal)

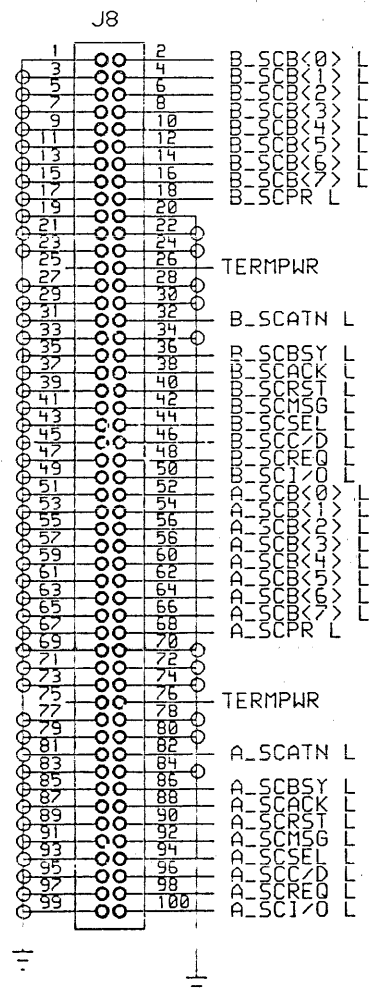


TO RX

TO INTERNAL SCSI DRIVES



Jumper to specify whether RD1 is Internal or External (pins 1&2 => ext. pins 3&4 => int.)

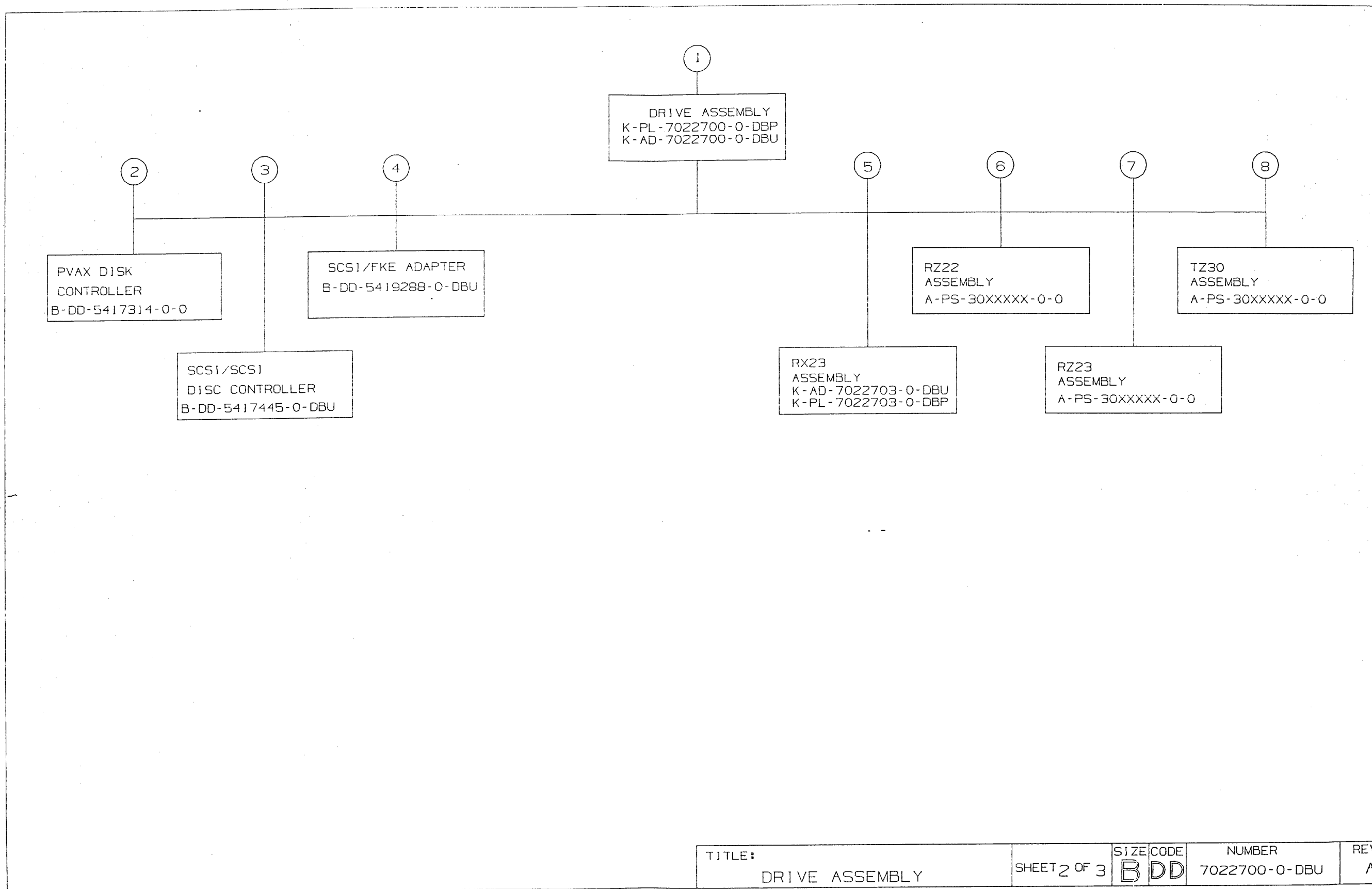


DRAWING

LAST_MODIFIED=Mon Sep 26 10:00:05 1988

ENG	GEORGE LORD	21-JUL-87	TITLE:	PVAX DISK CONTROLLER
BOARD LOCATION:		OF		
SHEET				
TOP DOCUMENT NUMBER:	K-DD-5417314-0-0	SIZE	CODE	NUMBER
		K	CS	5417314-0-1
				REV. A

8 7 6 5 4 3 2 1



DRAWING NO.	NO.SHTS	PART NO.	DESCRIPTION	REVISIONS	
E-UA-5417312-0-0	7	5417312-01	KA42 SYSTEM BOARD	A1	B1
K-CS-5417312-0-1	16		UNIT ASSEMBLY	A	B
K-PL-5417312 0-DBP	4		CIRCUIT SCHEMATICS	A	A
K-PC-5417312-0-DBV			PARTS LIST	A	B
K-CS-5417312-0-DBX			P.C. DESIGN DATA BASE	H	J
			SCHEMATIC DATA BASE	A	A
K-DD-5017311-0-0	1	5017311-01	ETCHED CIRCUIT BOARD	H1	H1
			DRAWING DIRECTORY	A	A

NOTES:

				A	B
			R		
			E		
			V		
R					
E	H	E	I		M
V	I	C	N		L
I	S	O	I		O
S	T		T		O
I	O	N			1
O	R	O			
N	Y				
		D	O		O
		A	9		4
		T	/		/
		E	8		8
			8		9

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DRN: L. HAYWOOD

DATE: 21-SEP-88

d i g i t a l

CHK'D: J. CUNNINGHAM

DATE: 21-SEP-88

TITLE

KA42 SYSTEM BOARD

DES.ENG.: L. NARHI

DATE: 21-SEP-88

SHEET 1 OF 1

EDIT:
3

RESP.ENG.: L. NARHI

DATE: 21-SEP-88

DOCUMENT NUMBER

DD FILENAME: 5417312B.DDF

MFG.ENG.: J. ZAMORA

DATE: 21-SEP-88

SIZE CODE NUMBER

REV

K DD 5417312-0-0

B

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV 01 B1	REFERENCE DESIGNATORS
1	1	D-MD-5017311-0-0	50-17311-01	H	CIRCUIT DRILL AND ETCH	1	
2	2		10-00011-00		47 PFD 100V +/- 5% 200PP	1	C116
3	3		10-00016-00		100 PFD 100V +/- 5% 200PP	4	C112-C115
4	4		10-10274-02	K	1.0 MFD 50V +80/-20% Z5U C	1	C10
5	5		10-13466-07	W	220 PFD 50V +/- 5% NP0 C	3	C25,C26,C28
6	6		10-13466-16	W	0.010MFD 50V +/-10% X7R C	44	C6,C12,C39-C46,C52,C65-C68, CONT C75-C81,C85,C87,C88,C91,C97, CONT C99,C102,C103,C106,C107,C110, CONT C117-C124,C151-C153
7	7		10-13466-33	W	100 PFD 50V +/- 2% NP0 C	2	C95,C96
8	8		10-13466-42	W	4700 PFD 50V +/- 2% NP0 C	1	C11
9	9		10-13466-50	W	680 PFD 50V +/- 5% NP0 C	1	C9
10	10		10-14265-02	B	0.33 MFD 50V +80/-20% Z5U C	86	C7,C8,C14-C24,C27,C29-C38, CONT C47-C51,C53-C64,C69-C74, CONT C82-C84,C86,C89,C94,C98,C100, CONT C101,C104,C105,C108,C109, CONT C125-C150
11	11		10-15573-02	C	0.10 MFD 50V +/-10% X7R C	2	C13,C90
12	12		10-17472-00	B	10 MFD 35V +75/-10% 85	3	C1-C3
13	13		10-24455-27	A	100 MFD 10V +/-10% CHI	3	C4,C5,C111
14	14		10-26236-06	A	1000 PFD1000V +/-10% NP0 CE	2	C92,C93
15	15		11-10994-00	A	VZ= 5.1 5% 400 MW 1N751A	1	D10
16	16		11-11577-00	A	PIV= 50 IO=200 MA - 4NS 1N4454	5	D1,D2,D4,D7,D8
17	17		11-13003-00		PIV= 55 IO=200 MA - 4NS 1N5282	1	D9
18	18		11-14136-02	A	LED 6.7MA 5V .2MCD GREEN	2	D3,D5
19	19		11-20964-01	A	LED ASSY 4 RED 5V 8MA	2	I1,I2
20	20		11-26344-01		TRANS.SUPP. 400V 1500W	1	D13
21	21		12-15006-02	F	SKT,IC 16PIN DIP TIN SOLD	1	XE64
22	22		12-15006-08	F	SKT,IC 40PIN DIP TIN SOLD	2	XE21,XE23
23	23		12-18489-00		*** THIS ITEM IS NOT USED ***	-	

REVISION HISTORY		KPL MODULE FORMAT		SECTION A OF A	DRN: B.OUELLLETTE	D I G I T A L	
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 27-MAY-88	TITLE PARTS LIST	
---	INITIAL	A	[A] 01	[M]	CHK'D: J.CUNNINGHAM	KA42 SYSTEM BOARD	
L.N.	5417312-ML001	B	[B]	[N]	DATE: 27-MAY-88	\	
			[C]	[P]	DES.ENG: L.NARHI	DOCUMENT NUMBER	
			[D]	[Q]	DATE: 27-MAY-88	SIZE	CODE
			[E]	[R]	RESP.ENG.: L. NARHI	NUMBER	REV
			[F]	[S]	DATE: 22-SEP-88	K	PL
			[H]	[T]	MFG.ENG: J. ZAMORA	5417312-0-DBP	
			[J]	[V]	DATE: 22-SEP-88	B	
			[K]	[W]	RELEASE DATE: 04-APR-89	RELEASE STATUS: RELEASED	
			[L]	[Y]			
BASIC PART NUMBER:			ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		EDIT #
5417312			E-UA-5417312-0-0		K-DD-5417312-0-0		2
FILE NAME: MLA1407B.PLS							

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LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY 01 B1	PER VAR/REV	REFERENCE DESIGNATORS
24	24		12-18783-00		JUMPER 02POS(1X02).100CC	5		W8,W11,W13-W15
25	25		12-18826-07	B	CONN,PHONE MOD JACK 04POS	1		J4
26	26		12-19066-09	A	PCB HEADER 40POS(2X20).100CC STR	4		J11-J14
27	27		12-19251-00	B	PCB HEADER 02PIN(1X02).100CC STR	1		J8
28	28		12-19857-05		STANDOFF,NYLON	6		
29	29		12-21158-01	B	SKT,IC 68PIN CHIP CARRIER	1		XE111
30	30		12-23433-02	A	CONN,LAN JACK 06 POS	2		J6,J7
31	31		12-26320-02		FILTER,EMI	3		E101-E103
32	32		12-26325-01	A	SW,PB DPDT MOM 0.2	1		S2
33	33		12-26488-01	A	CONN,D SUB 15SKT 90D TIN	1		J1
34	34		12-26589-01		PCB HEADER 07PIN 90D	1		J3
35	35		12-28019-01		SW,DIP SPDT 30VDC 50MA R	1		S3
36	36	SEE NOTE # 36	12-28020-01		CAP, PB SW BLUE	1		
37	37		12-29767-01		SW, P/B 8PDT MAINT, 0.1A/28V MAX	1		S1
38	38		12-29963-01	A	PCB HEADER 15POS	1		J5
39	39		12-30006-02		PCB HEADER 80POS .050CC STR	1		J9
40	40		12-30112-01		PCB HEADER 14POS(2X07).165CC STR	1		J10
41	41		12-30221-01	A	CONN,COAX BNC 500HMS PCB	1		J2
42	42		13-00202-00	A	47.0 .25 W 5.0 % CF	1		R26
43	43		13-00229-00	A	100.0 .25 W 5.0 % CF	9		R4,R5,R24,R43,R44,R53,R56,R68, CONT R69
44	44		13-00250-00	A	150.0 .25 W 5.0 % CF	1		R3
45	45		13-00271-00	A	220.0 .25 W 5.0 % CF	1		R11
46	46		13-00365-00	A	1.0 K .25 W 5.0 % CF	2		R1,R17
47	47		13-00417-00	A	2.20 K .25 W 5.0 % CF	3		R78-R80
48	48		13-00426-00	A	2.70 K .25 W 5.0 % CF	2		R38,R39
49	49		13-00432-00	A	3.0 K .25 W 5.0 % CF	2		R33,R51
50	50		13-00447-00	A	4.70 K .25 W 5.0 % CF	4		R27,R37,R63,R70
51	51		13-00479-00	A	10.0 K .25 W 5.0 % CF	12		R6,R16,R20,R23,R46,R47,R54,R59, CONT R60,R62,R64,R65
52	52		13-01320-00	A	1.20 K .25 W 5.0 % CF	3		R34,R66,R67
53	53		13-01322-00	A	180.0 .25 W 5.0 % CF	1		R49
54	54		13-01430-00	A	12.0 .25 W 5.0 % CF	1		R2
55	55		13-01522-00	A	27.0 .25 W 5.0 % CF	5		R45,R58,R75-R77
56	56		13-01890-00	A	560.0 .25 W 5.0 % CF	4		R19,R21,R25,R28
57	57		13-02379-00	A	75.0 .25 W 5.0 % CF	1		R15
58	58		13-02388-00	A	2.0 K .25 W 5.0 % CF	1		R13
59	59		13-02396-00	A	150.0 K .25 W 5.0 % CF	2		R52,R57
60	60		13-03114-00	A	1.0 K .25 W 1.0 % RN55D-F10	1		R32
61	61		13-05346-00	A	27.0 K .25 W 5.0 % CF	2		R10,R12
62	62		13-09595-00	A	1.0 M .25 W 5.0 % CF	1		R22
63	63		13-11522-00	A	200.0 .25 W 5.0 % CF	2		R14,R55
64	64		13-12114-01	B	R. NET 470.0 - 8 5.0	1		E100
65	65		13-12930-00	A	5.10 K .25 W 5.0 % CF	1		R18
66	66		13-13150-00	A	430.0 .25 W 5.0 % CF	2		R8,R9
67	67		13-16334-02	C	R. NET 10.0K- 9 2.0	1		E106
68	68		13-16395-00	D	R. NET 4.7K- 9 2.0	10		E20,E22,E39,E40,E84,E85,E87, CONT E88,E98,E99
69	69		13-17558-01	A	R. NET 27.0 - 4 5.0	11		E29,E31,E32,E34-E36,E38,E44, CONT E45,E90,E91

D	I	G	I	T	A	L	TITLE	SECTION A	OF A
							KA42 SYSTEM BOARD		

SIZE	CODE	DOCUMENT NUMBER	REV
K	PL	5417312-0-DBP	B

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV 01 B1	REFERENCE DESIGNATORS
70	70		13-18150-75	A	40.20 .25 W 1.0 % RN55D-F10	6	R7,R29-R31,R35,R36
71	71		13-18247-00	A	510.0 .25 W 5.0 % CF	1	R50
72	72		13-23825-07	A	18.0 .25 W 5.0 % CHIP	4	R40-R42,R48
73	73		13-26688-01		THERMISTOR PTC 0.062 15%	4	R71-R74
74	74		15-09338-00	C	DEC6531B NPN 310MW SI 40 90 P	1	Q1
75	75				*** THIS ITEM IS NOT USED ***	-	
76	76		16-25072-01		XFMR,75UH	2	T1,T2
77	77		16-27600-01		BEAD,FERRITE,DUAL,COMMON MODE	1	L1
78	78		16-27902-01	E	33.0 UH 10% Q= 45 @ 2.5MHZ SRF=	1	L2
79	79		16-30004-01	A	FILTER,DATA LINE,DIP PACKAGE	2	L3,L4
80	80		18-11660-02	AE	OSCILLATOR, XTAL 5.0688 MHZ	1	Y5
81	81		18-11660-26	A	OSCILLATOR, XTAL 44.4444 MHZ	1	Y3
82	82		18-11660-61	A	OSCILLATOR,XTAL 69.1968 MHZ	1	Y4
83	83		18-18800-02	B	OSCILLATOR,XTAL 32.768KHZ	1	Y6
84	84		18-22815-01	A	XTAL 20.000 MHZ	1	Y1
85	85		19-09928-00	A	7416 INVERTER GATE-HEX 1I	1	E86
86	86		19-12813-00	B	LS27 NOR GATE-TRIPLE 3IN	1	E136
87	87		19-12863-00		LS273 FF-D OCTAL W/CLEAR	1	E137
88	88		19-13414-00		LS14 INVERTER GATE-HEX SC	1	E135
89	89		19-13777-00	C	LS240 DRIVER,LINE,OCTAL,TR	2	E68,E123
90	90		19-15193-00	E	LS244 DRIVER,LINE,OCTAL,TR	1	E41
91	91		19-15932-00	A	LS125 BUFFER,QUAD BUS	1	E66
92	92		19-20441-02	A	74F245 TRANSCEIVER,BI-DIREC	8	E69-E72,E80-E83
93	93		19-20572-02	A	74F244 BUFFER/LINE DRIVER,O	1	E79
94	94		19-21010-01	A	74F373 OCTAL TRANSPARENT LA	2	E117,E118
95	95		19-21305-01	A	74F00 NAND GATE,QUAD,2-IN	1	E116
96	96		19-21307-01	A	74F04 HEX INVERTER	1	E114
97	97		19-21308-01	A	74F08 AND GATE,QUAD,2-IN	2	E126,E127
98	98		19-21312-01	A	74F32 OR GATE,QUAD,2-IN	3	E1,E28,E115
99	99		19-21328-01	A	74F251 MUX,8-IN	4	E75,E76,E94,E95
100	100		19-21671-03	A	INTERFACE,SERIAL ADAPTOR 300MIL	1	E25
101	101		19-23311-01		74F543 OCTAL REG TRANSCEIVE	5	E119-E122,E128
102	102		19-23889-01		EIA OCTAL LINE DRIVE	1	E124
103	103		19-23890-01		EIA OCTAL LINE RECEI	1	E125
104	104		19-24940-01	A	74AS804B HEX 2-INPUT NAND DRI	2	E26,E27
105	105	SEE NOTE # 105	19-25220-02		8392 COAXIAL TRANSCEIVER	1	E67
106	106		19-25894-01	A	PROTECTION DEVICE-TR	2	E107,E108
107	107		19-26139-01		74F38D QUAD 2INPUT NAND GAT	1	E104
108	108		19-26840-01	A	74AS1034 HEX DRIVER SOIC	5	E30,E33,E37,E42,E43
109	109		21-18795-00	A	146818 CLOCK/CALENDAR/RAM	1	E65
110	110		21-21384-07		RAM 8KX8,STATIC 35	6	E129-E134
111	111	SEE NOTE # 111	21-21672-09		CONTROLLER,LOCAL AREA NET	1	E24
112	112		21-22769-01	A	DC367B CMOS GATE ARRAY,68 PIN PL	1	E111
113	113	SEE NOTE # 113	21-24674-11		DC341 CVAX MICROPROCESSOR 90NS	1	E89
114	114		21-24941-01		DC503 PROGRAMMABLE SPRITE CURSOR	1	E105
115	115		21-25297-03	A	VIDEO RAM,64KX4,DYNAMIC 12	8	E73,E74,E77,E78,E92,E93,E96,E97
116	116	SEE NOTE # 116	21-26604-02		DC513 CFPA CMOS FPU 90NS	1	E109
117	117	SEE NOTE # 117	21-27976-43	A	CMOS,DYN RAM,120NS 1	36	E2-E19,E46-E63
118	118		21-28651-02		DC7098C GATE ARRAY 223CPGA 1.5	1	E110
119	119		23-2E8 -00		*** THIS ITEM IS NOT USED ***	-	

D	I	G	I	T	A	L	TITLE	SECTION A	OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							KA42 SYSTEM BOARD			K	PL	5417312-0-DBP	B

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
						01 B1	
120	120		23-365A1-00	A1-09		1	E64
121	121		23-3E8 -00		*** THIS ITEM IS NOT USED ***	-	
122	122		74-37504-01		GASKET,VIDEO	1	
123	123		74-37505-01		GASKET,THICK WIRE	1	
124	124		90-08451-12		SCREW,LOCK,SCREW LOCK ONLY.060TH	2	
125	125		90-09149-00		PIN,STAKNG 0.0250DX0.345LG SQUAR	17	
126	126		90-10050-02		RING,RETAINING EXTERNAL	1	
127	127		90-10934-01		WASHER,SPRING FINGER	1	
128	128		91-05740-55		WIRE(WRAP) 30AWG KYNAR UL14	A/R	
129	129		12-27576-02	A	SLIDE LATCH ASSY FOR 15POS DSUB	1	
130	130		23-20E8 -00	A	E8-02	U 1	E21
131	131		23-21E8 -00	A	E8-02	U 1	E23

36 NOTE: PART NUMBER 12-28020-01 MOUNTS ON S2, HALT SWITCH.
105 NOTE: PART NUMBER 19-25220-05 MAY BE SUBSTITUTED FOR 19-25220-02.
111 NOTE: PART NUMBER 21-21672-07 MAY BE SUBSTITUTED FOR 21-21672-09
113 NOTE: PART NUMBER 21-24674-12, 21-24674-13, OR 21-24674-14 MAY BE SUBSTITUTED FOR 21-24674-11
116 NOTE: PART NUMBER 21-26604-03 MAY BE SUBSTITUTED FOR 21-26604-02
117 NOTE: PART NUMBER 19-25220-43, 21-27105-44 OR 21-27976-44 MAY BE SUBSTITUTED FOR 21-27976-43.

1 GEN: DO NOT MIX D-RAM VENDORS ON THE SAME MODULE.

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							KA42 SYSTEM BOARD		K	PL	5417312-0-DBP	B

JUMPER TABLES FOR 5412312

W9	W8	CPU SPEED
OUT	OUT	100ms
OUT	IN	90ms
IN	OUT	60ms/
IN	IN	INVALID CONFIGURATION

W6	W11	SECONDARY CACHE
OUT	OUT	INVALID CONFIGURATION
OUT	IN	SECONDARY CACHE PRESENT AND ACTIVE
IN	OUT	SECONDARY CACHE NOT PRES. AND INACTIVE
IN	IN	INVALID CONFIGURATION

W12	BASE MONOCHROME CIRCUITS
OUT	BASE MONOCHROME CIRCUITS PRESENT
IN	BASE MONOCHROME CIRCUITS NOT PRESENT

W5	ETHERNET TRANSCIVER CABLE TYPE
OUT	OFF ETHERNET CABLE
IN	IEEE 802.3 CABLE

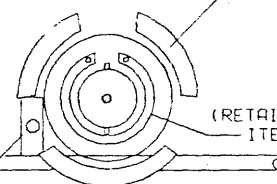
W15 - SEE DETAIL DRAWING

W14, W13 - OUT ONLY FOR AUTOMATIC MODULE TEST. NORMALLY IN.

DETAIL 'A'

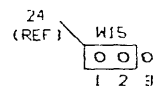
NOTE:

POSITION BNC FCC GASKET, ITEM #122 SO LED, ITEM #18 CAN BE SEEN.

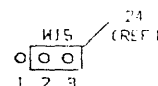


ITEM #122 (SEE NOTE)

10.400 REF
264.16 MM

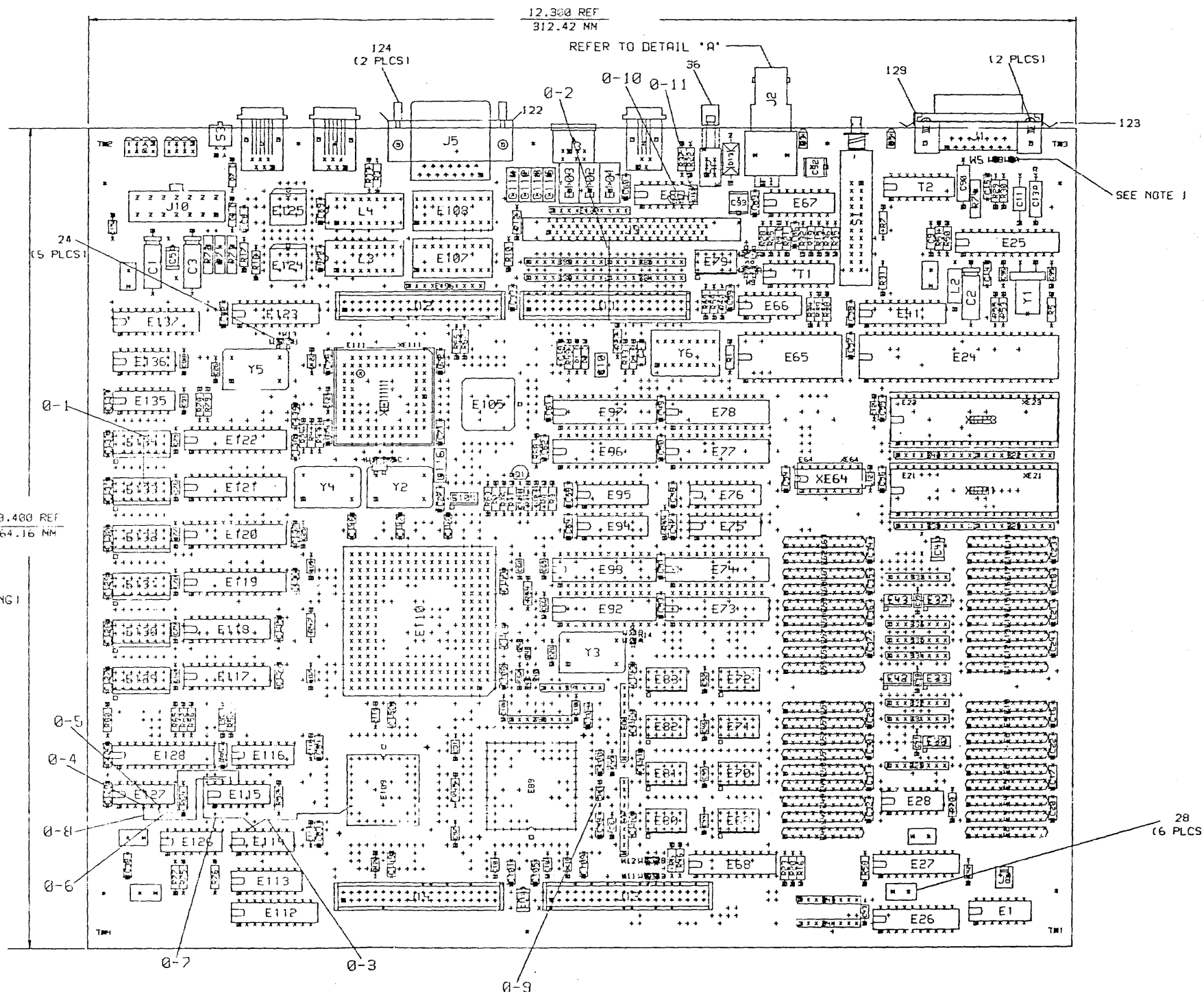


THIS POSITION IS FOR 60 HZ MONITORS EG, VR260.



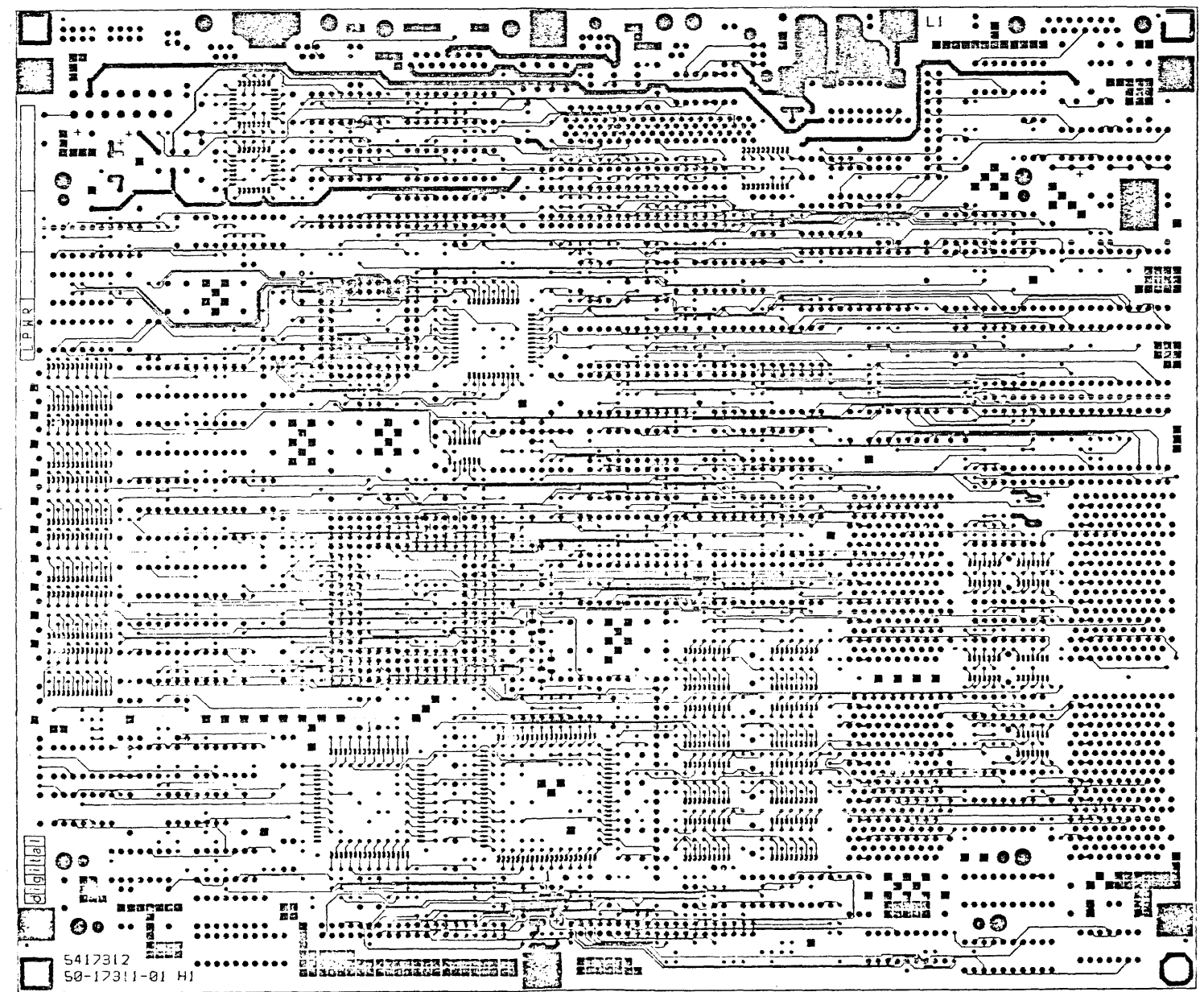
THIS POSITION IS FOR 72 HZ MONITORS USED ONLY, WHEN Y2 = 83.3 MHz OSC.

REWORK INSTRUCTIONS:
SEE SHEET 7



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VIEW FROM SIDE 1



5417312
50-17311-01 H1

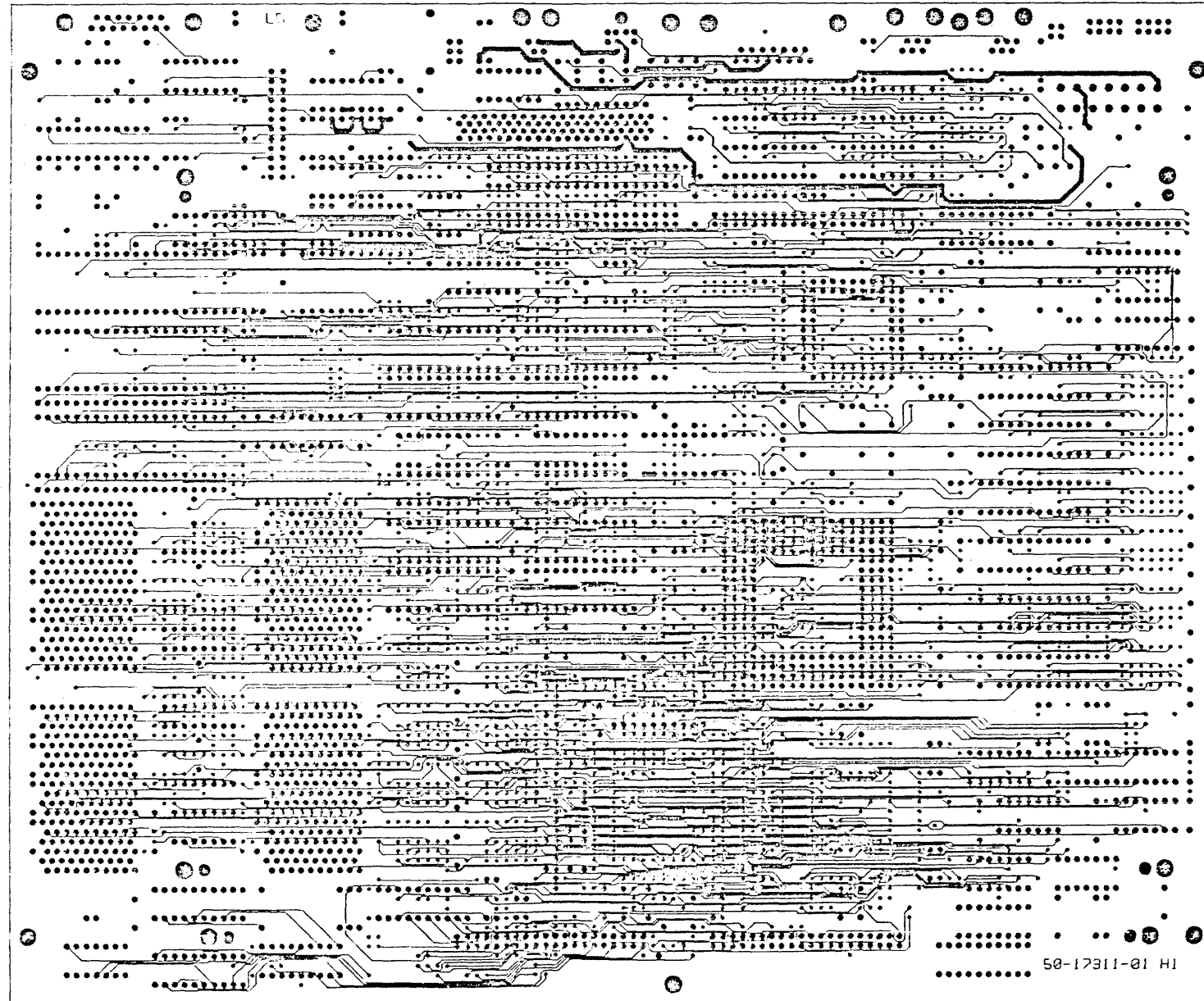
TITLE
KRA2 SYSTEM
BOARD

DOCUMENT NUMBER		REV
5417312-0-0	5417312-0-0	B
SCALE 3/11		SHEET 1 OF 2
W0# 275-898H		

VIEW FROM SIDE 1

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VIEW FROM SIDE 2

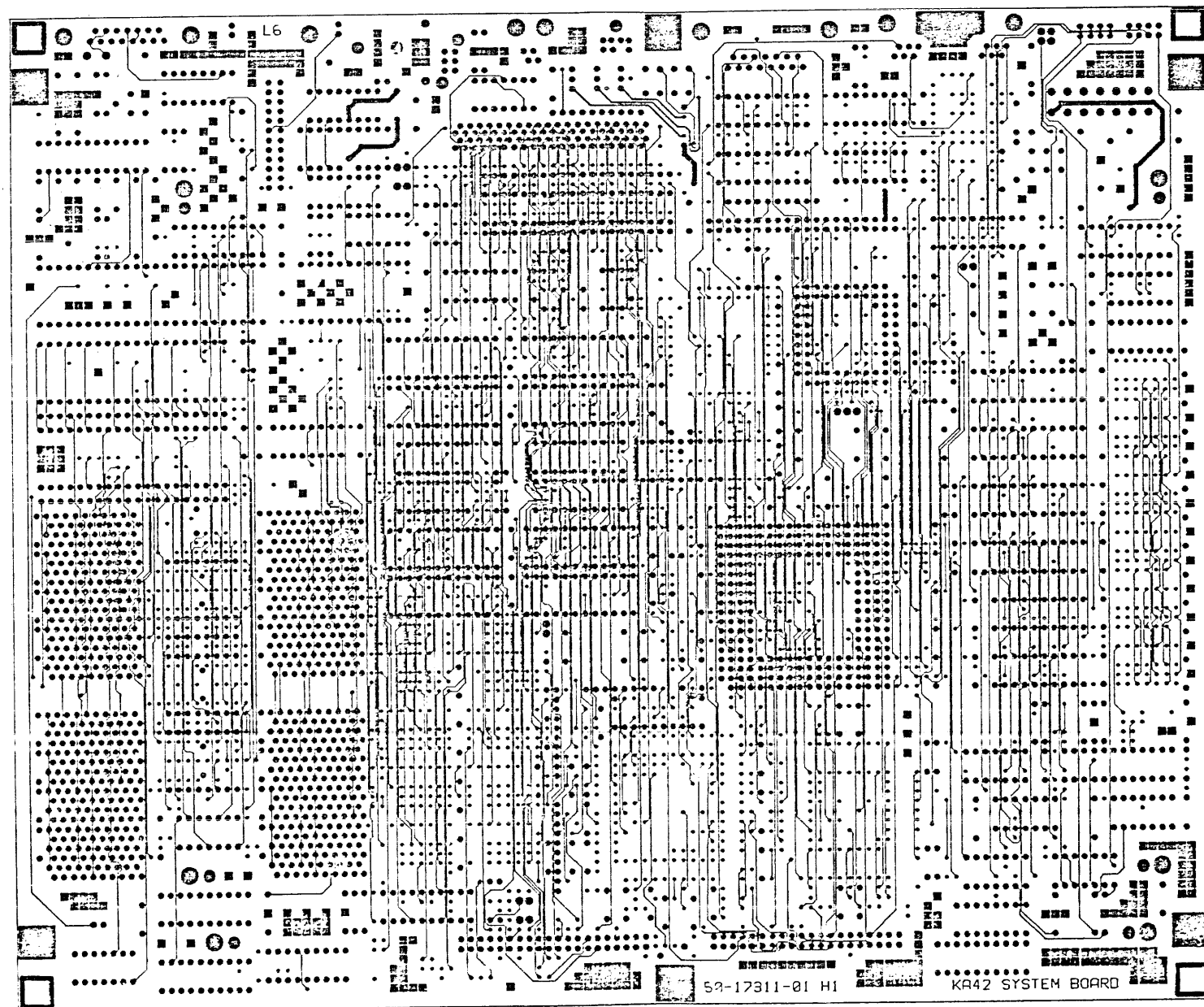


50-17311-01 HI

TITLE		DOCUMENT NUMBER	
KR42 SYSTEM BOARD		REV	
		E	1
		5417312-0-2	8
		SCALE 2:1	5417312-0-2
		1	WO# 275898H

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VIEW FROM SIDE 2



REWORK INSTRUCTIONS:

WIRE ADDS SIDE 2 (AS SHOWN)

0-1 FROM E134 PIN 20 TO E133 PIN 20

0-2 FROM J9 PIN 16 TO E66 PIN 4

0-3 FROM E114 PIN 13 TO E109 PIN 21
SURFACE MOUNT VIA.

WIRE ADDS SIDE 1 (AS SHOWN)
LIFT LEG AT E127 PIN 4

0-4 LIFT LEG AT E127 PIN 6

0-5 FROM E127 PIN 6 VIA TO E115 PIN 11.

0-6 FROM E115 PIN 12 TO E114 PIN 12.

0-7 FROM E127 PIN 4 VIA TO E115 PIN 13.

COMPONENT DELETES SIDE 1 (AS SHOWN)

0-8 DO NOT INSTALL C151 (P/N 10-13466-16) IN THIS LOCATION

COMPONENT ADDS SIDE 1 (AS SHOWN)

0-9 ADD C151 (P/N 10-13466-16) PIN 1 TO E86 PIN 5
AND C151 PIN 2 TO E86 PIN 7

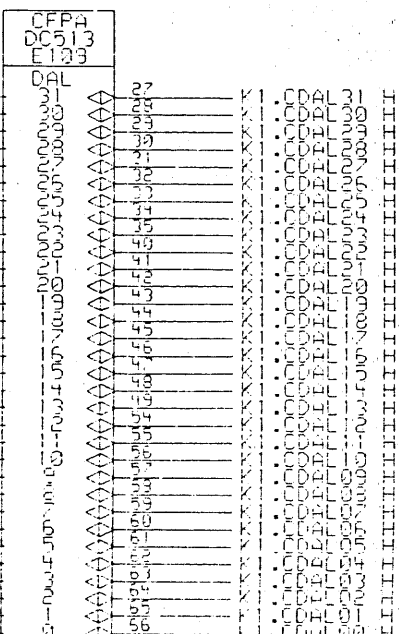
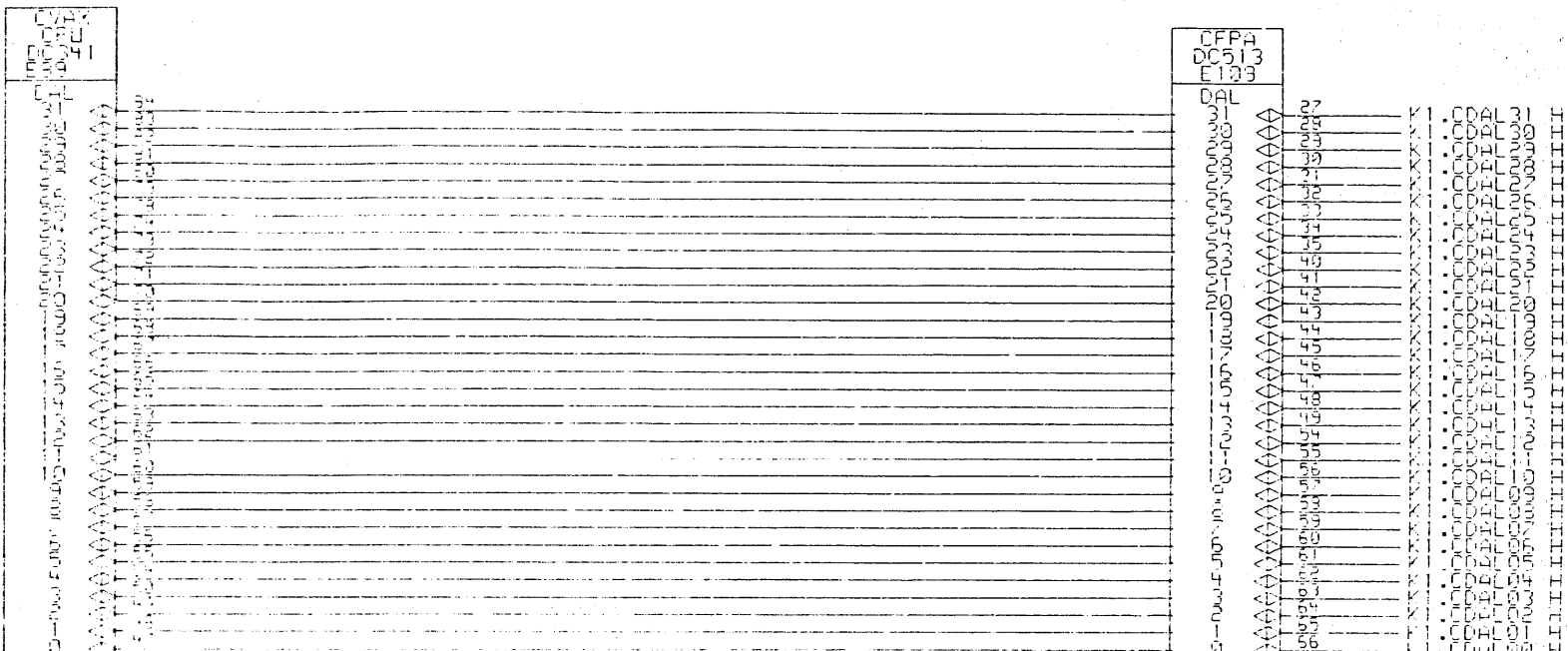
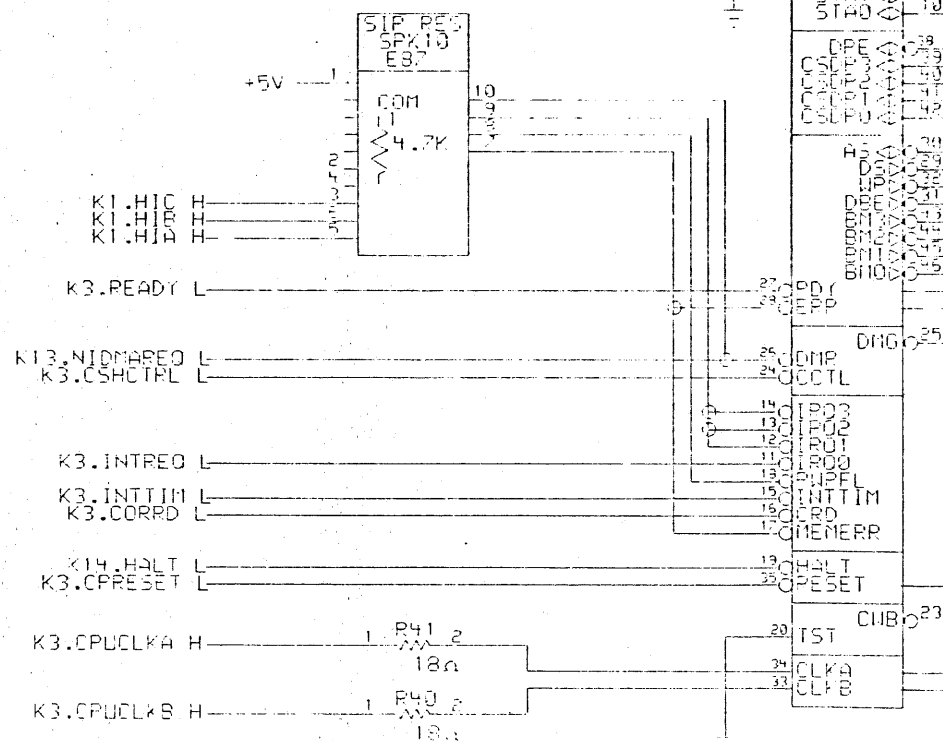
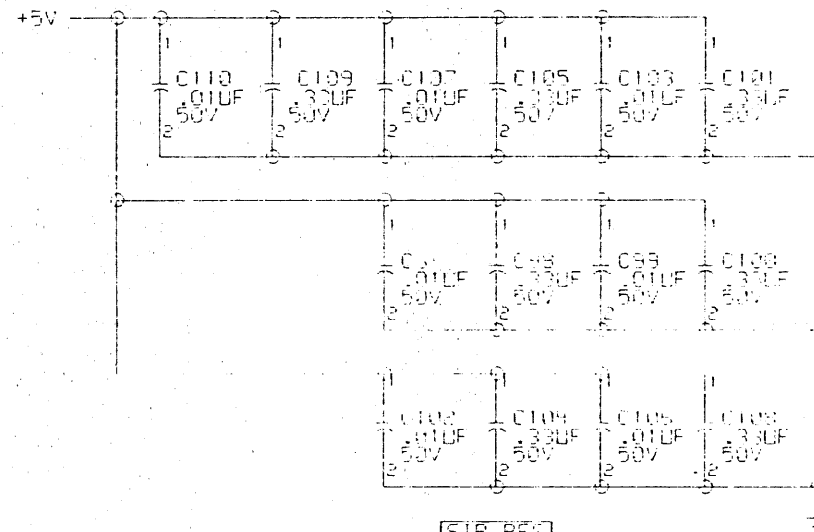
0-10 ADD C153 (P/N 10-13466-16) PIN 1 TO E86 PIN 9
AND C153 PIN 2 TO E86 PIN 7

TITLE
KA42 SYSTEM
BOARD

DOCUMENT NUMBER
EUA 5417312-0-0
SCALE 2:1
SHEET 2 OF 2

WO# 275898H

CPU decoupling caps

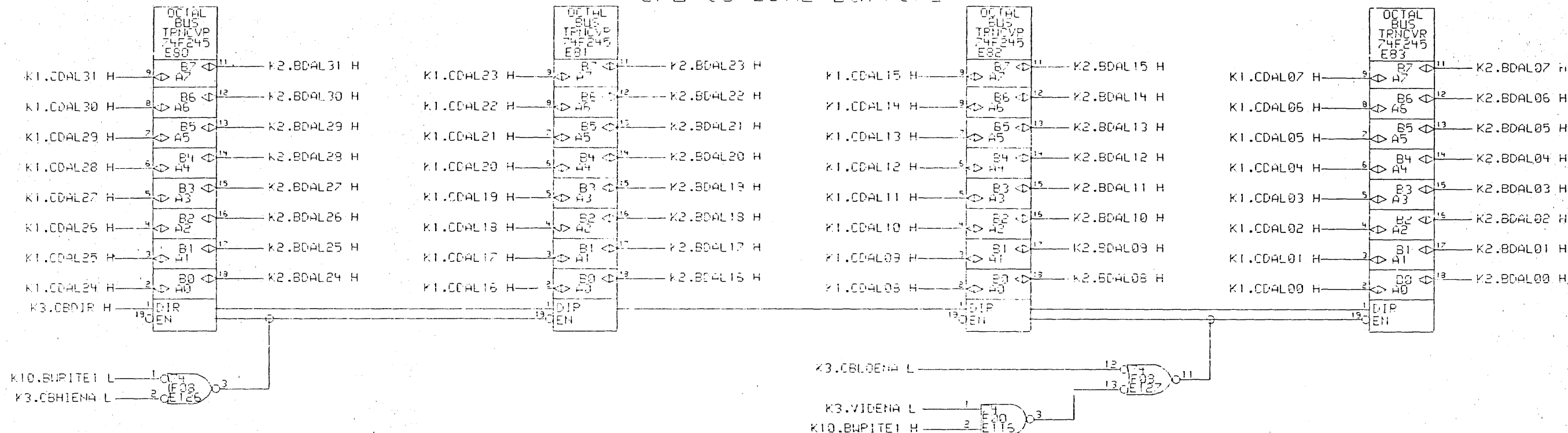


LAST MODIFIED=Thu Oct 6 15:59:04 1993

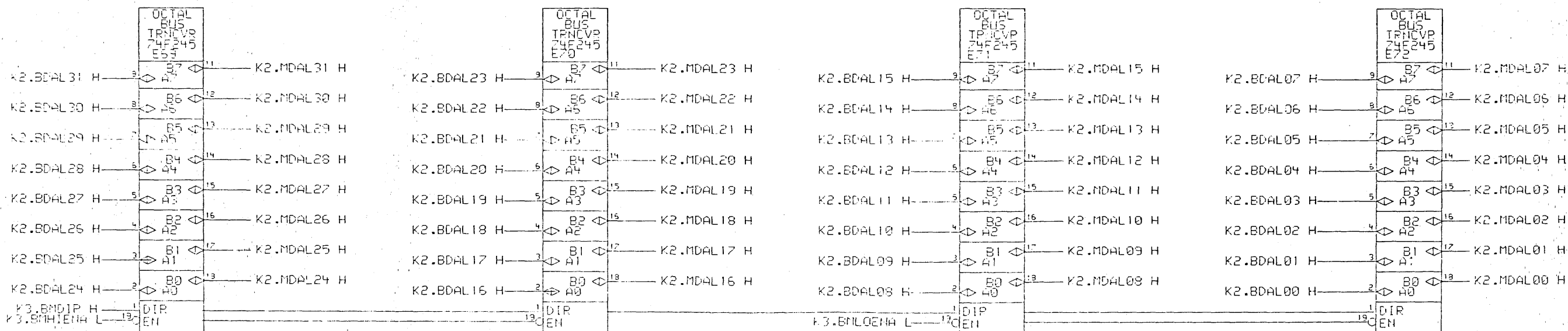
USPH:	DATE:	REV:	FILE:	TITLE:	STEE:	CODE:	NUMBER:	REV:
FIRST USED ON OPTION MODEL:	25 FEB-87	L. NAPHI	25 FEB-87	KA42 SYSTEM BOARD	K	CS	5417312-0-1	A

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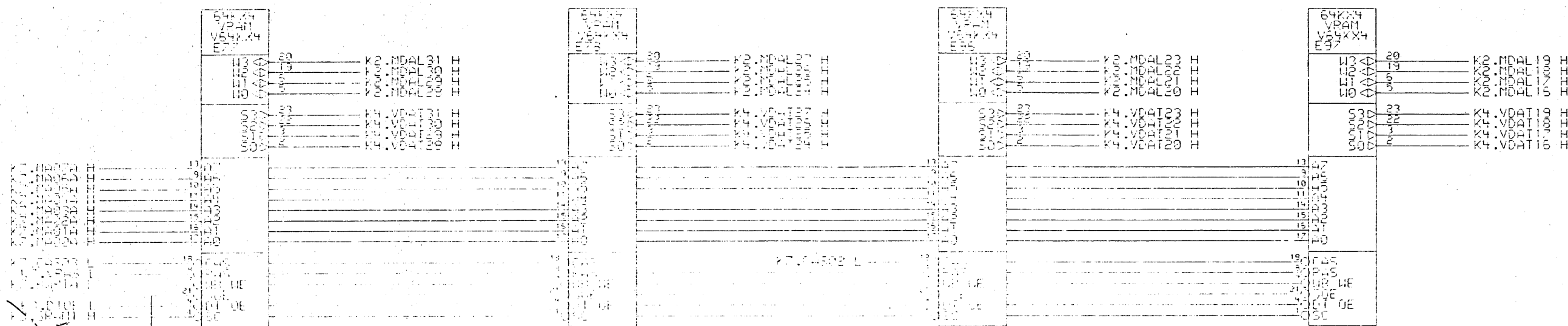
CPU to BDAL Buffers



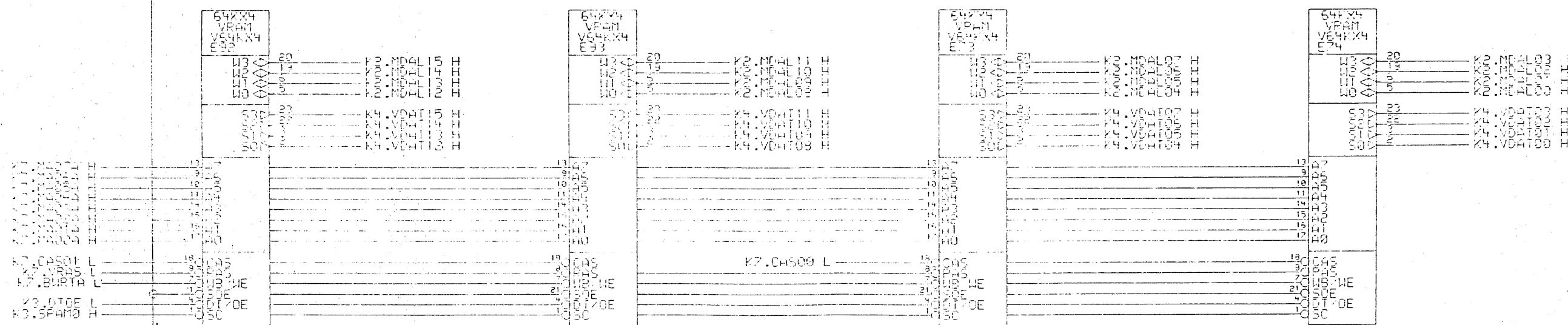
Memory to BDAL Buffers



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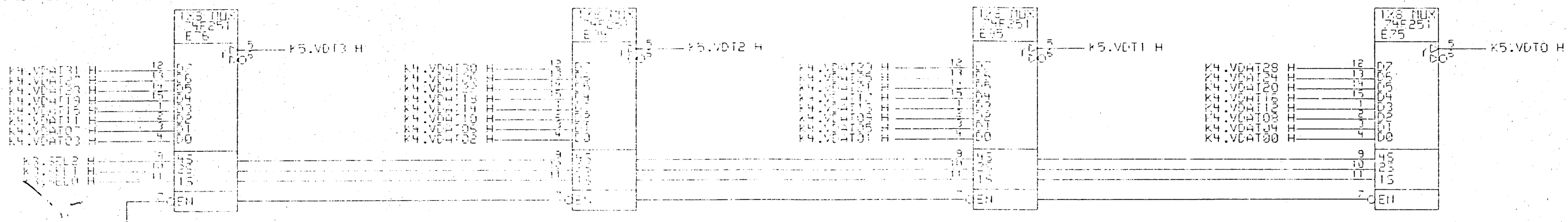
Video RAM



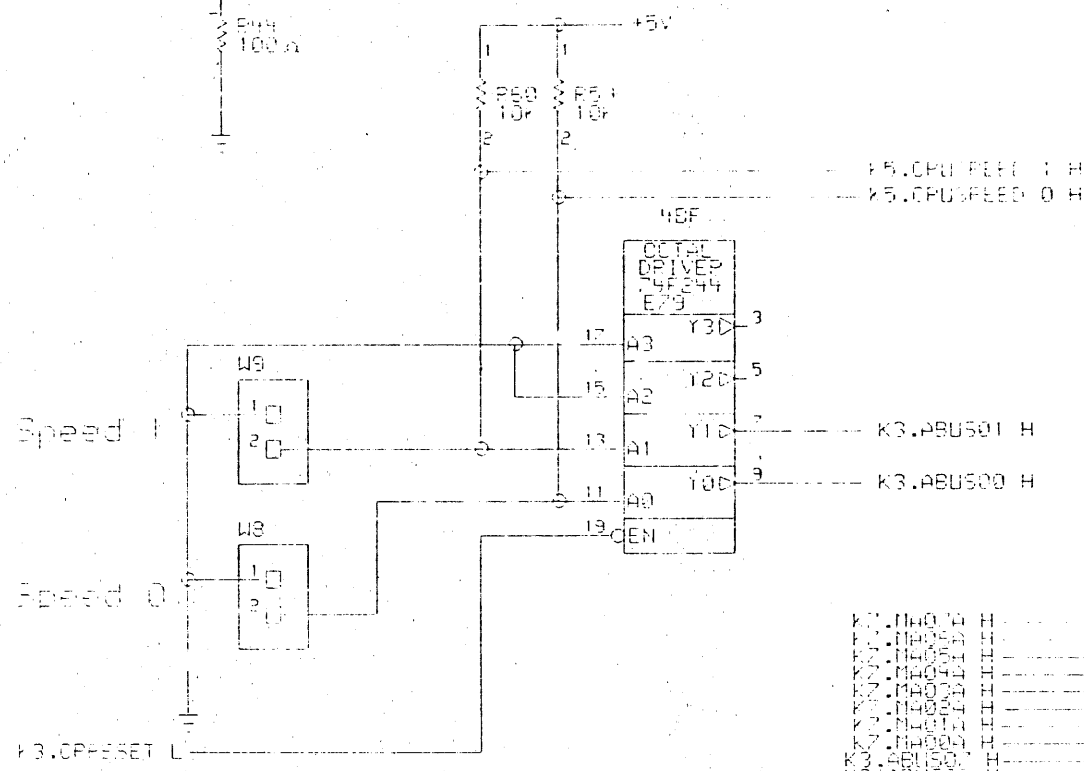
R63
100

K4

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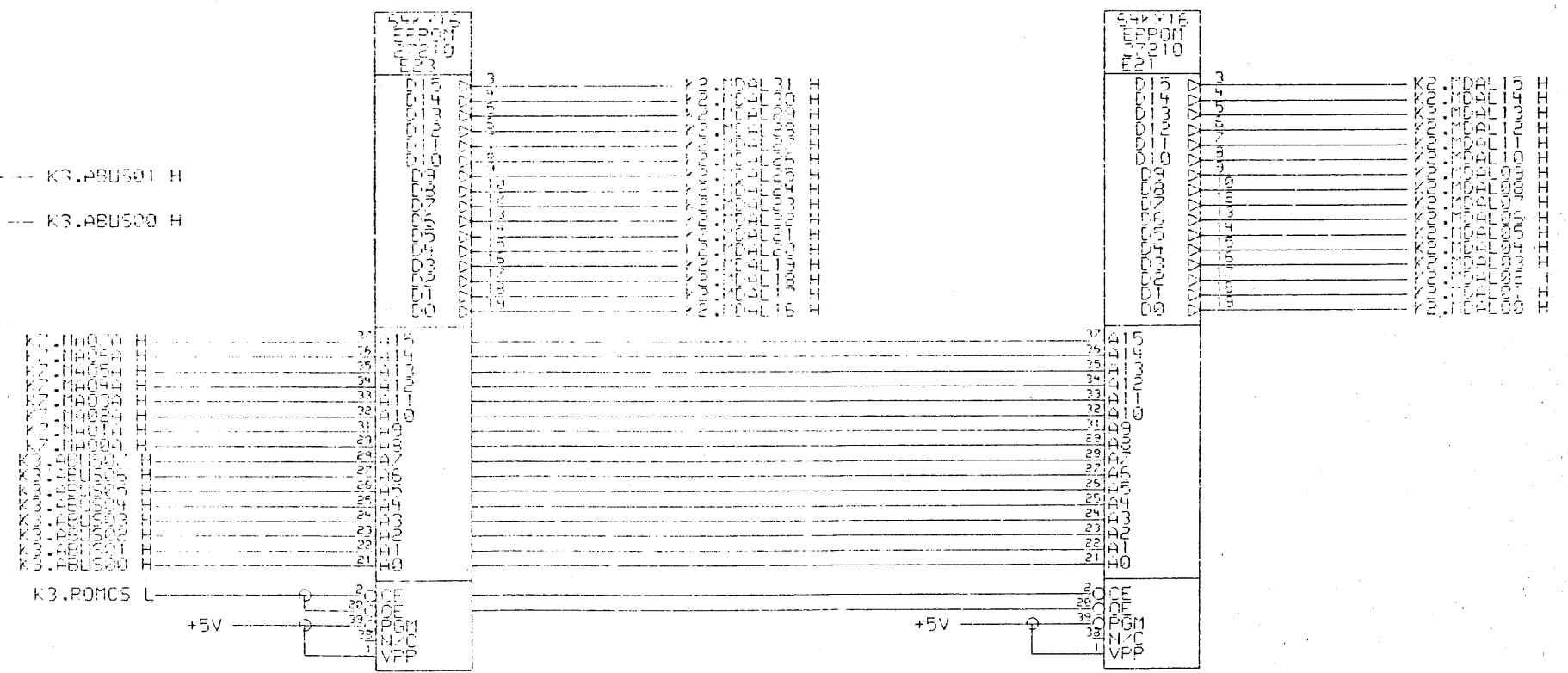


Video Data Multiplexers



Provides auto-configure info. on power on.

- Speed 1 0
- 1 1 = 100 nS CPU
 - 1 0 = 80 nS CPU
 - 0 1 = 60 nS CPU
 - 0 0 = Undefined



Self-Test, Boot ROMs

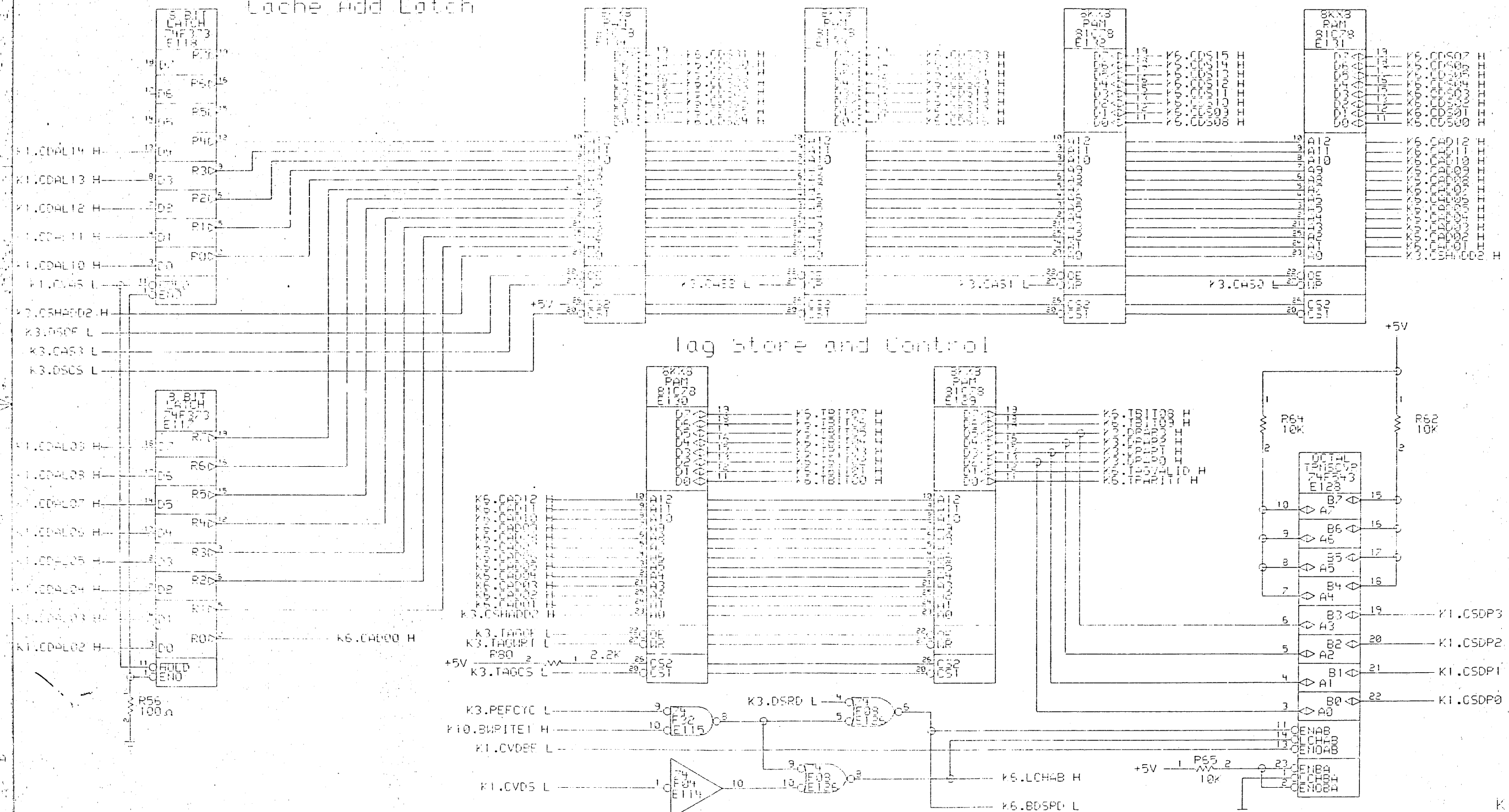
DRAWING
LAST_MODIFIED=Fri Sep 23 14:24:42 1988

ENG. L. NAPHI	DATE 25-FEB-88	TITLE: KA42 SYSTEM BOARD
SHEET 5	OF 15	SIZE CODE K CS
TOP DOCUMENT NUMBER: K-00-5417312-0-0	NUNEEP 5417312-0-1	REV. A

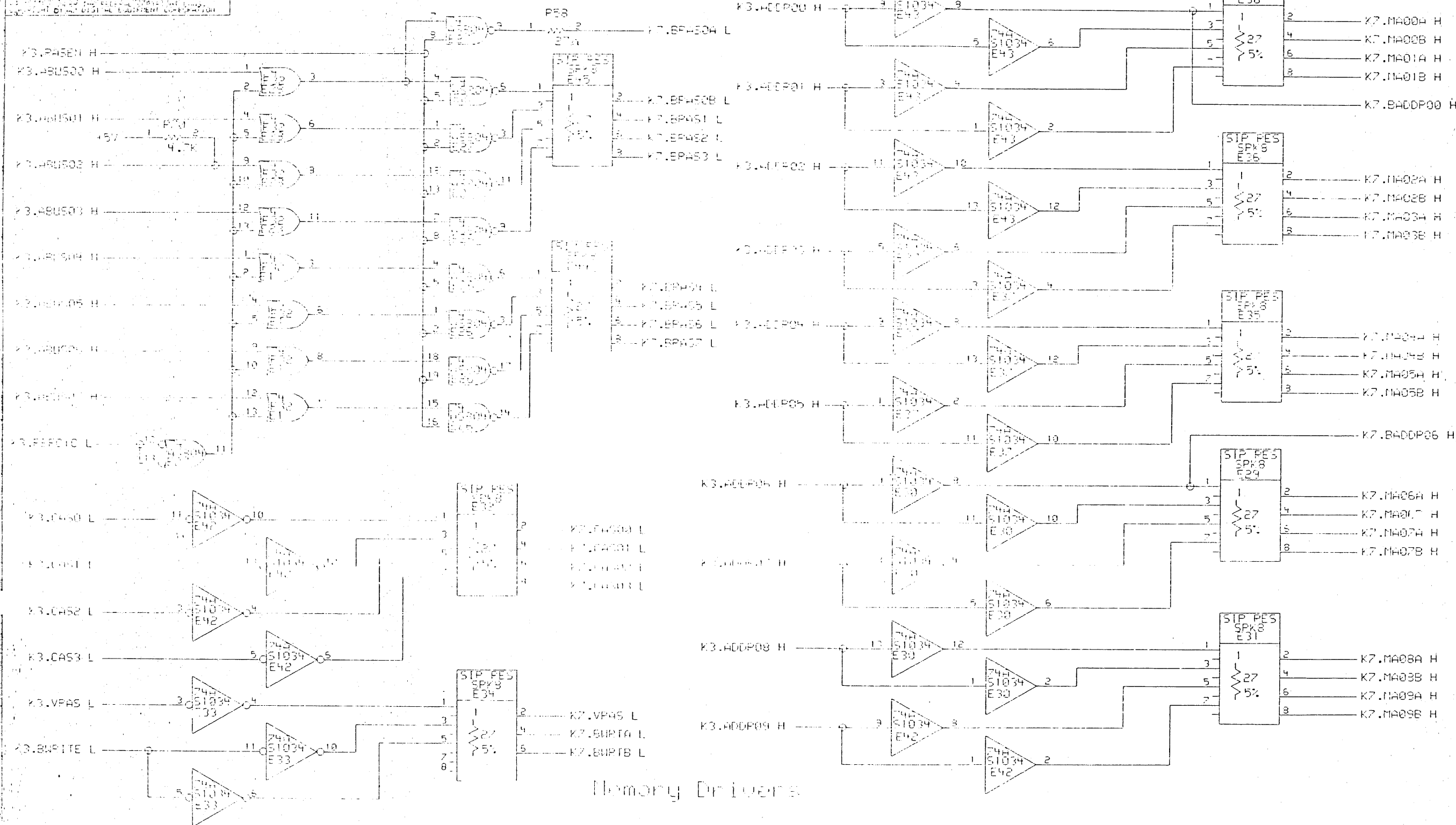
Cache Data Store

Cache Add Latch

Tag Store and Control



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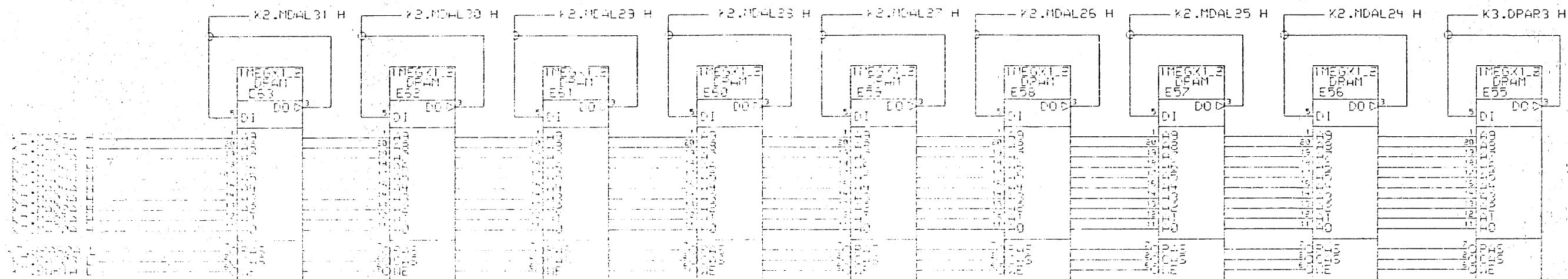


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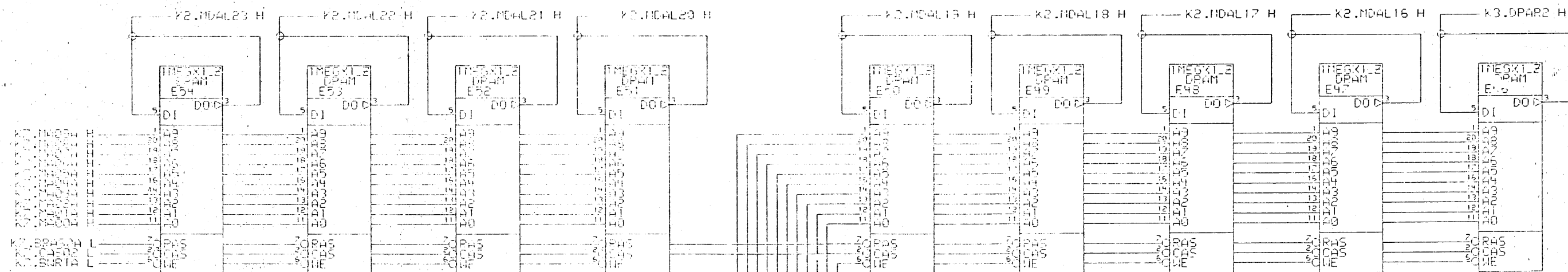
LAST_MODIFIED=Thu Oct 6 13:45:58 1998

DESIGNER	DATE	TITLE
L. NASHI	25-FEB-87	KA42 SYSTEM BOARD
BOARD LOCATION	SHEET	OF
	7	15
TOP DOCUMENT NUMBER	SHEET CODE	NUMBER
K-DD-5417312-0-0	K CS	5417312-0-1
REV.		
A		

THIS MORNING AND THE OBSERVATIONS CONTINUED
UNTIL 10:00 AM. THE TEMPERATURE WAS 60°F.
THE WIND WAS FROM THE NORTH AT 10 KNOTS.
THE SEA WAS CALM. THE SKY WAS B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z.
THE SUN WAS IN THE EAST. THE MOON WAS IN THE WEST.
THE STARS WERE VISIBLE. THE PLANETS WERE NOT VISIBLE.
THE CLOUDS WERE NOT VISIBLE.



Pom Bits (31:24)



Ram Bits <23:16>

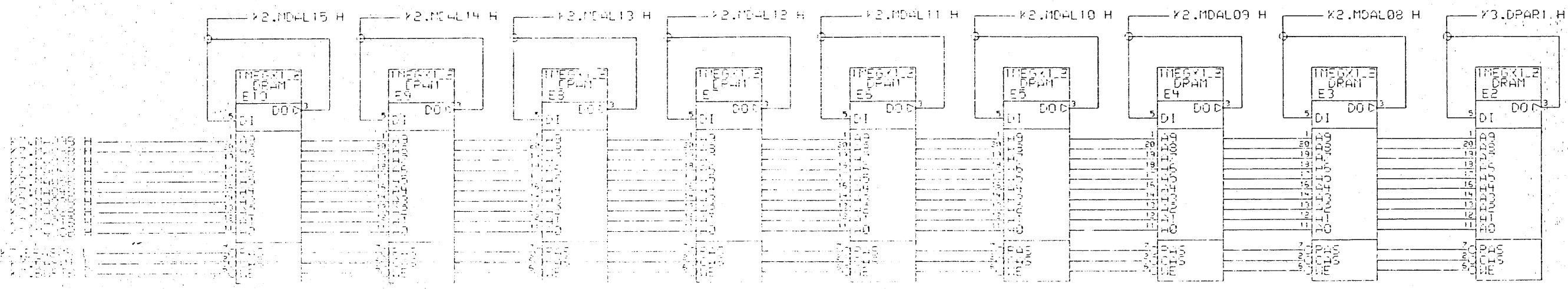
k.8

UPC: 116

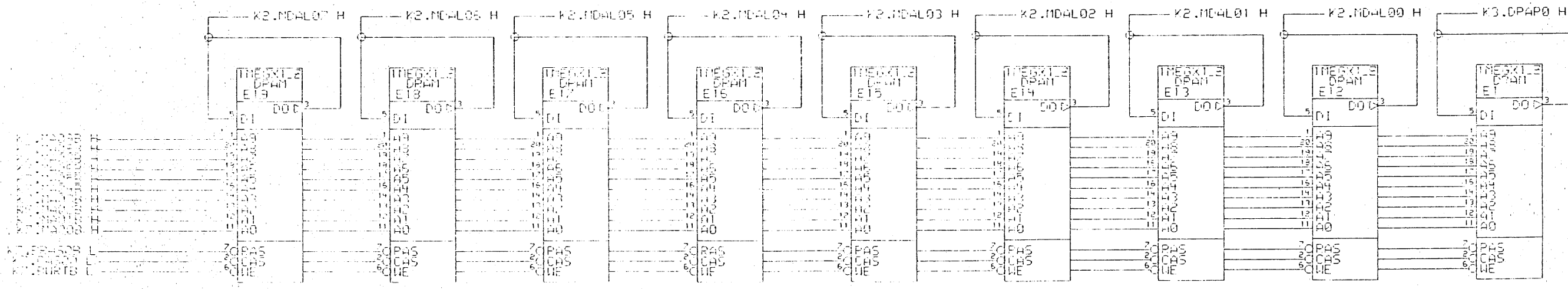
LAST MODIFIED=Fri Sep 23 14:49:22 1988

ENG.	DATE	TITLE:
L. NAHPI	25-FEB-87	KAY2 SYSTEM BOARD
BOARD LOCATION:		
SHEET	B	OF 15
TOP COMPONENT NUMBER:	SIZE	CODE
K-00-5412312-0-0	K	CS
		NUMBER
		5412312-0-1
		REV.
		A

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Pam Bits <15:03>



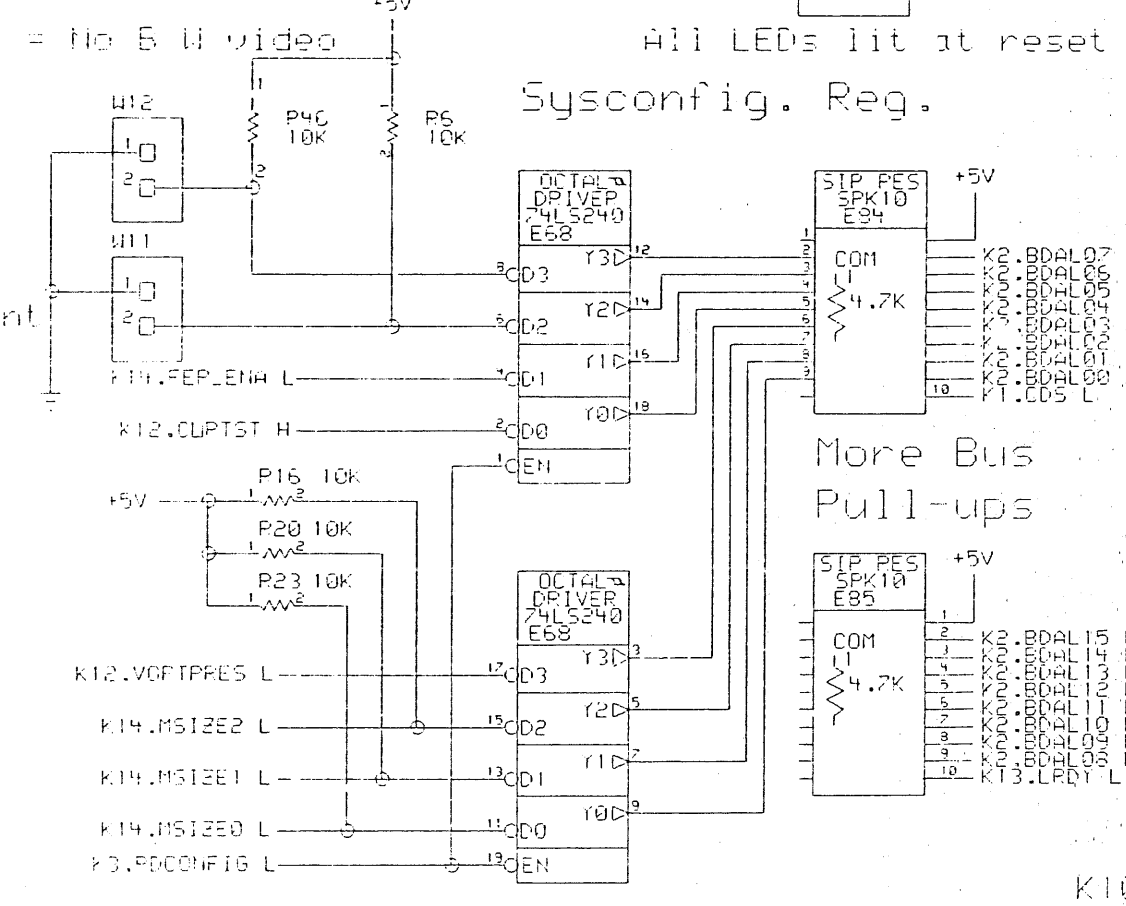
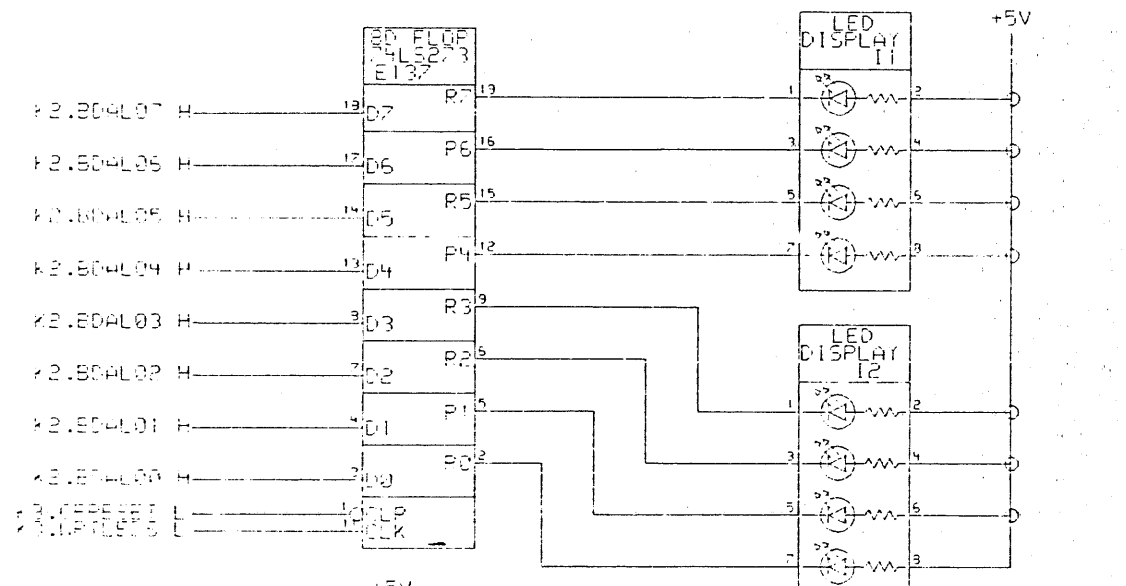
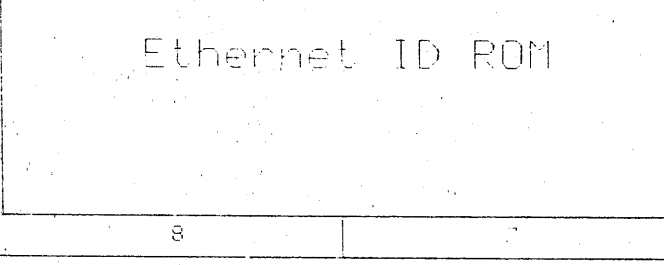
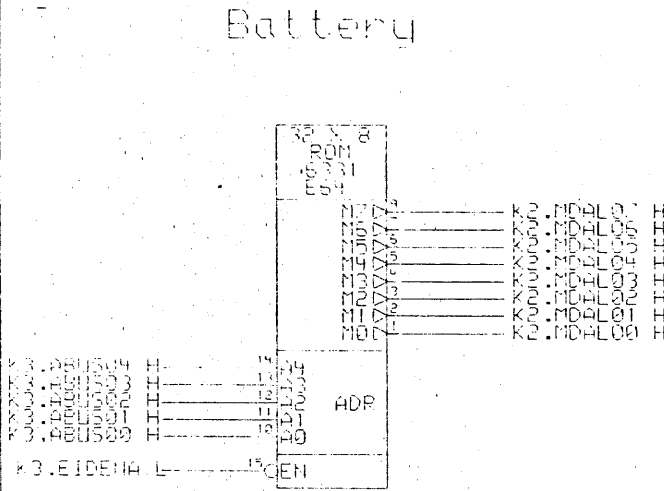
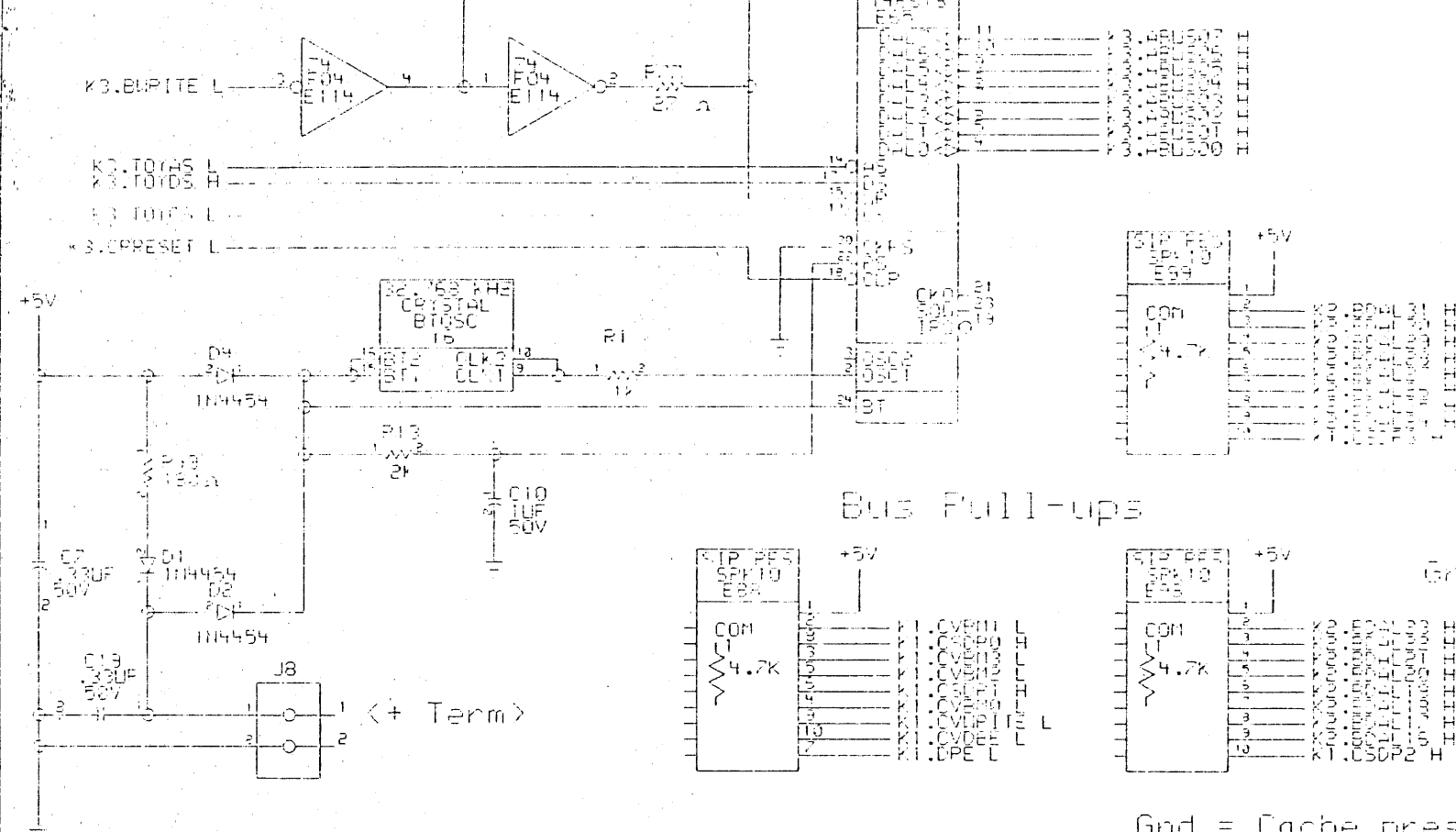
Pam Bits <07:00>

DRAFTING
LAST MODIFIED Fri Sep 23 14:59:34 1988

ENG. NAME L. NAPI	DATE 25-FEB-87	TITLE K42 SYSTEM BOARD	
SHEET 9 OF 16		SIZE CODE K CS	NUMBER 5417312-0-1
TOP DOCUMENT NUMBER K-DD-5417312-0-0		REV. A	

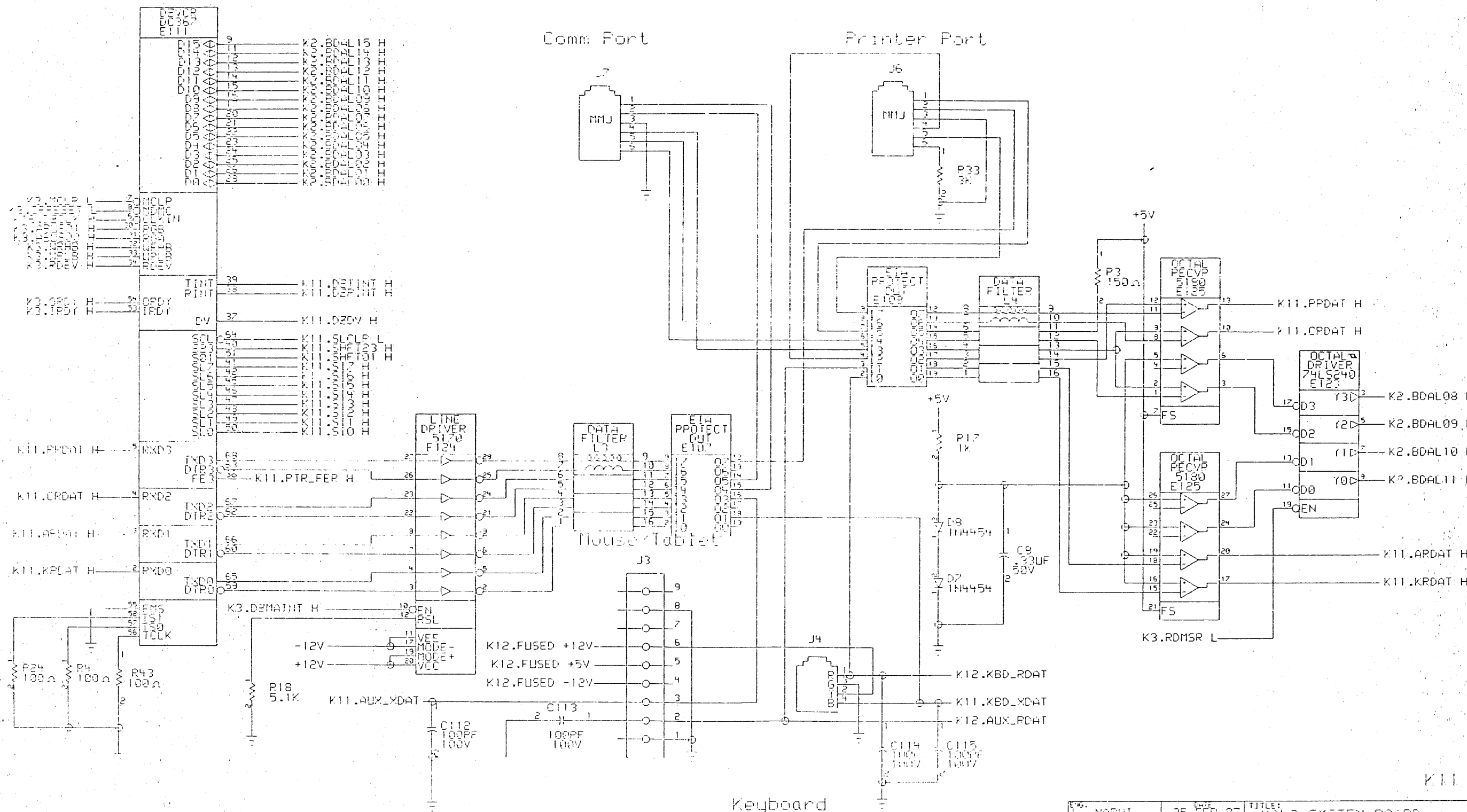
K9

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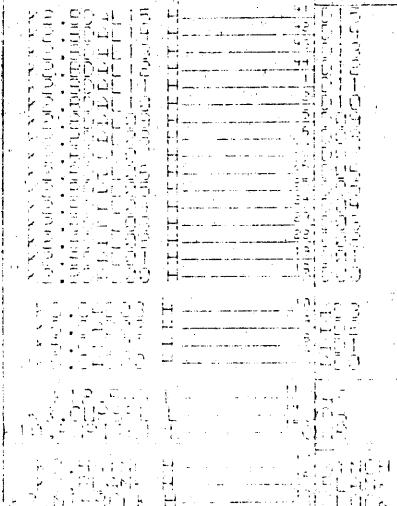
REV.	DATE	TITLE
1.1	25-FEB-82	KA42 SYSTEM BOARD
DESIGNED BY	10	15
CHECKED BY	10	15
TOP DOCUMENT NUMBER	K-00-5417312-0-0	SIZE CODE NUMBER
		REV.
		A

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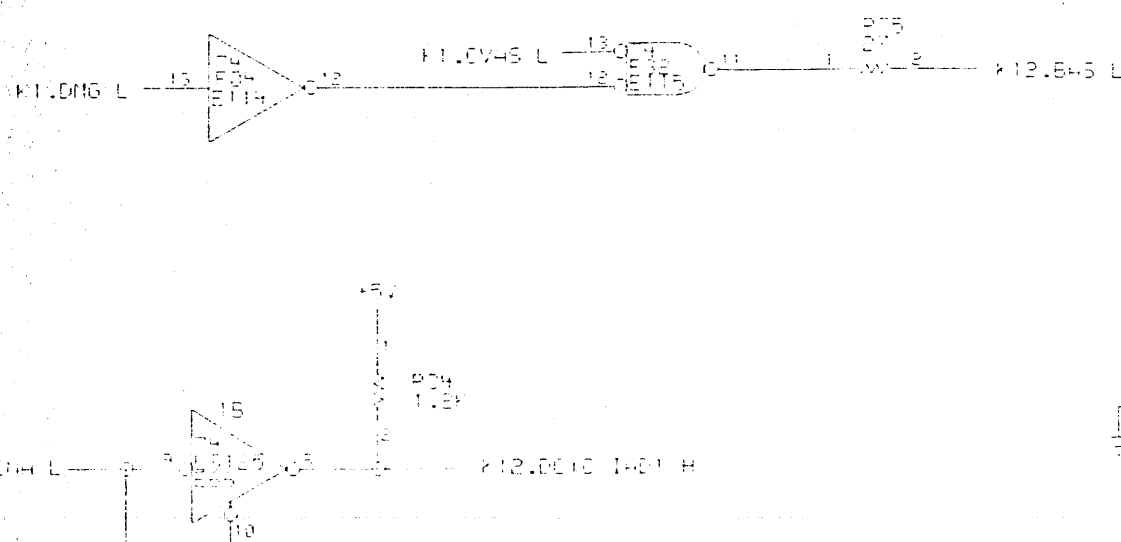
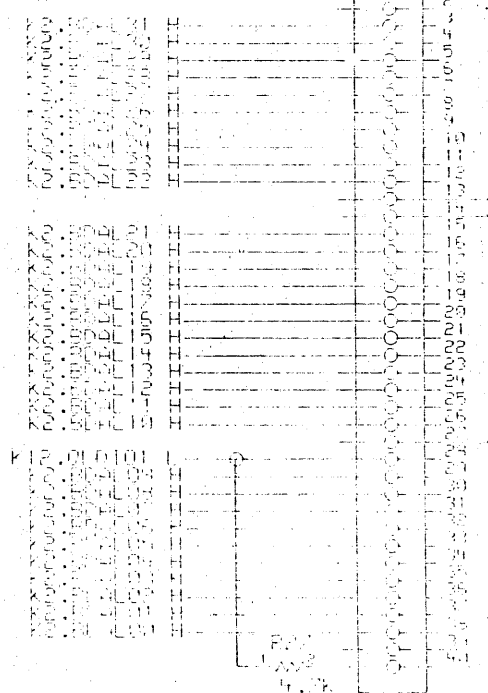


ENG.	L. NARAY	DATE	25-FEB-87	TITLE:	KA42 SYSTEM BOARD
SHEET	11	OF	15	SIZE/CODE	K CS
TOP DOCUMENT NUMBER:	K-00-5417312-0-0	NUMBER	5417312-0-1	REV.	A

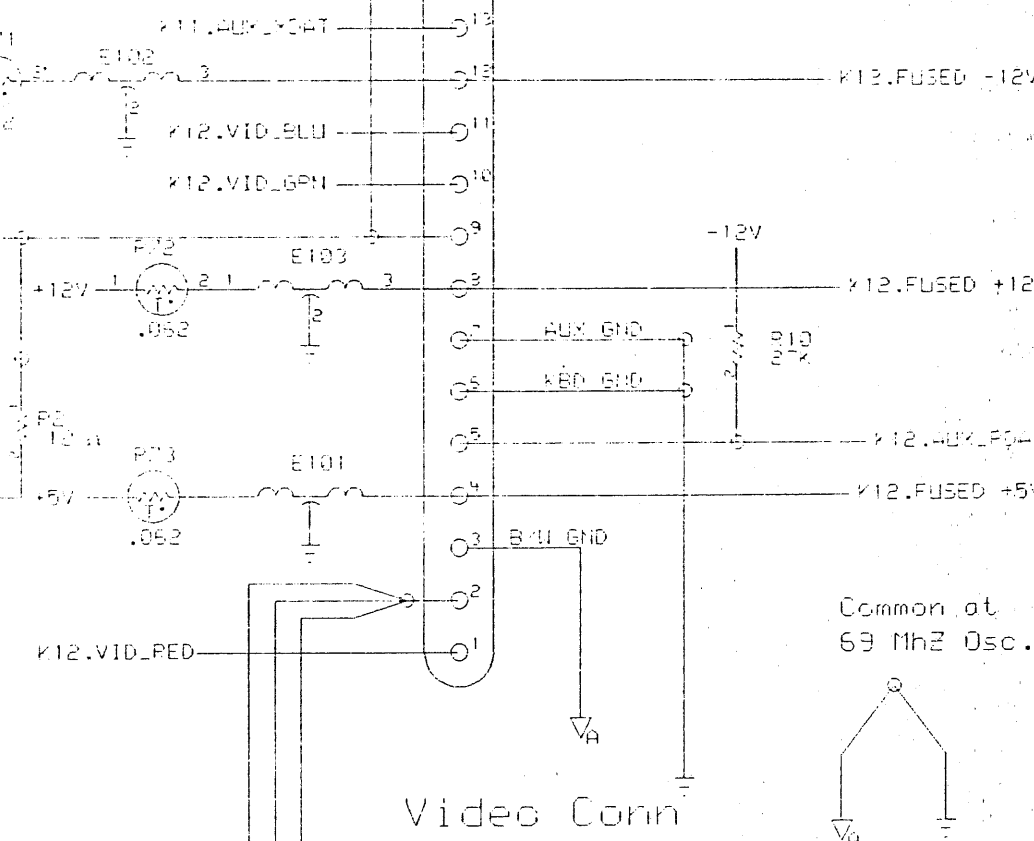
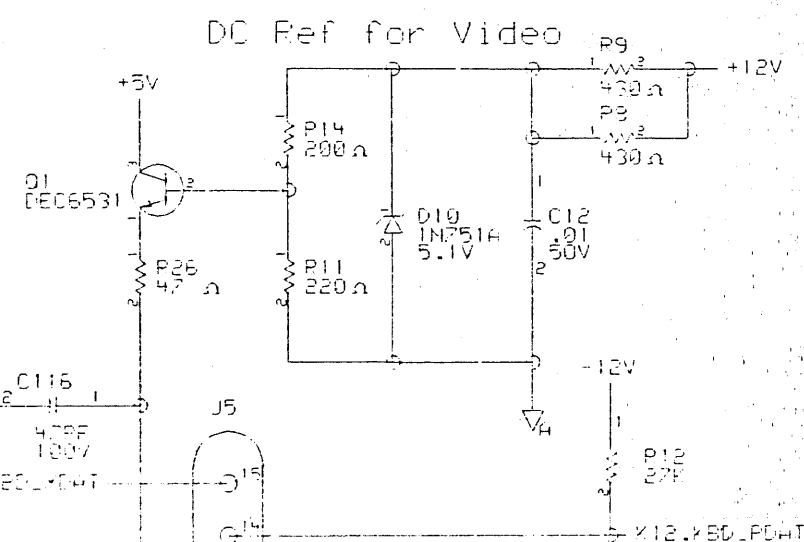
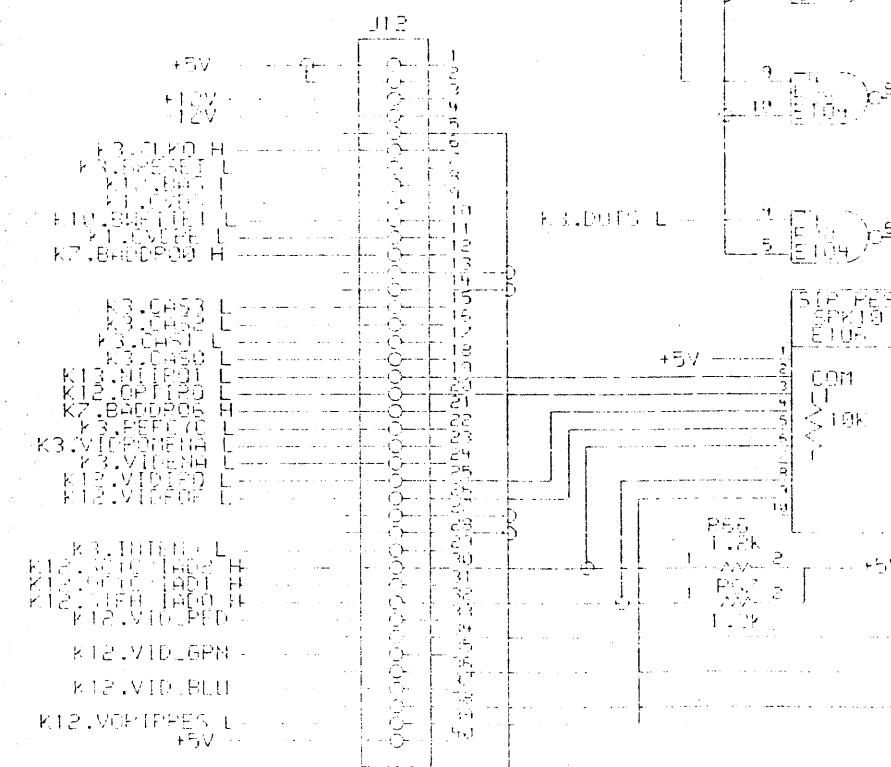
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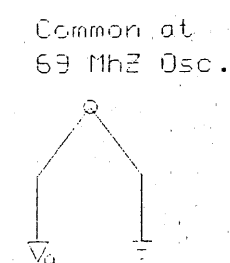
Cursor Chip



Video Option

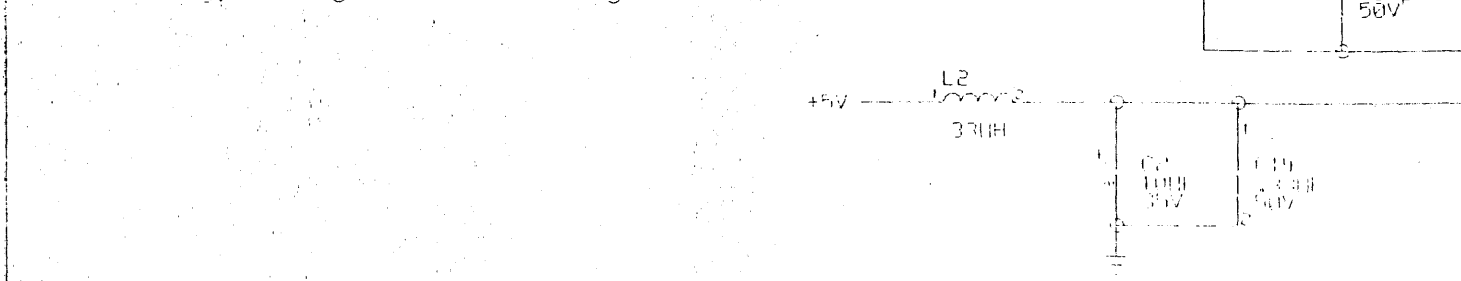
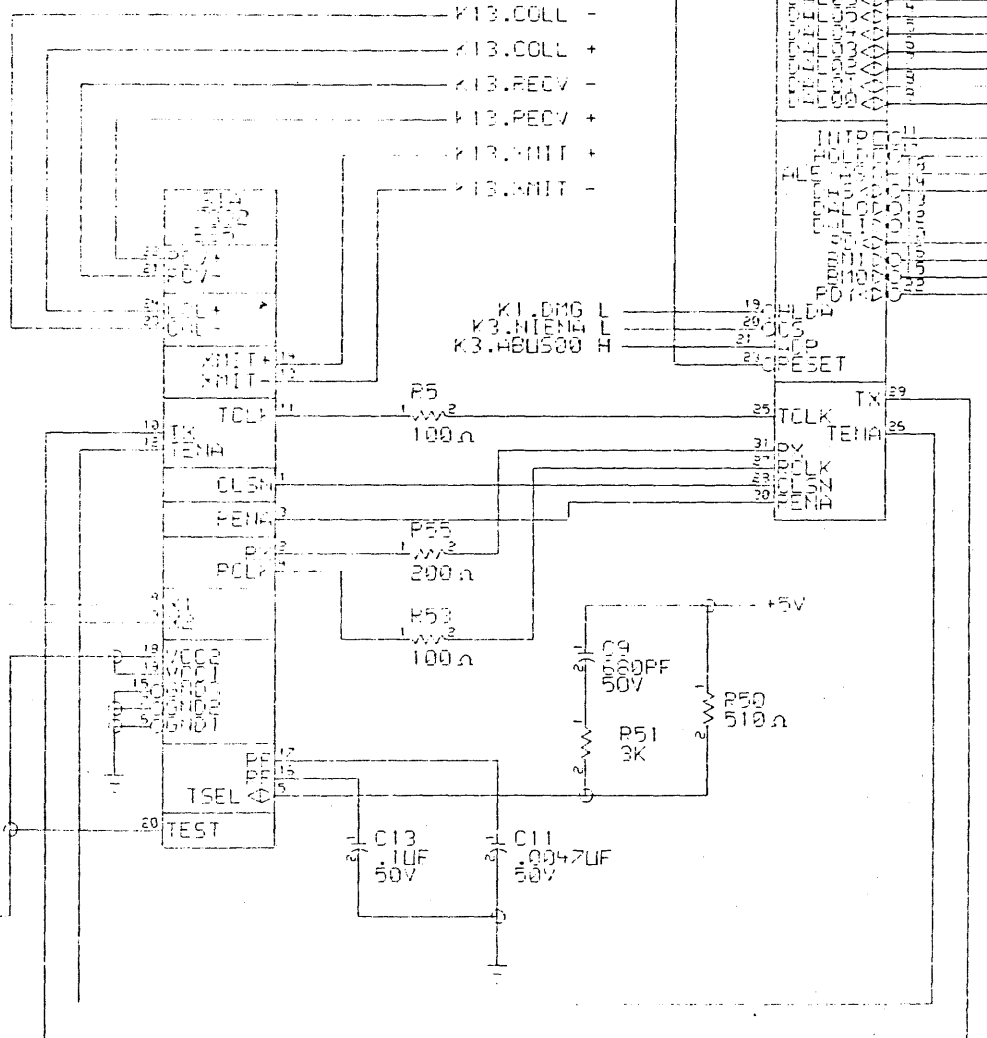
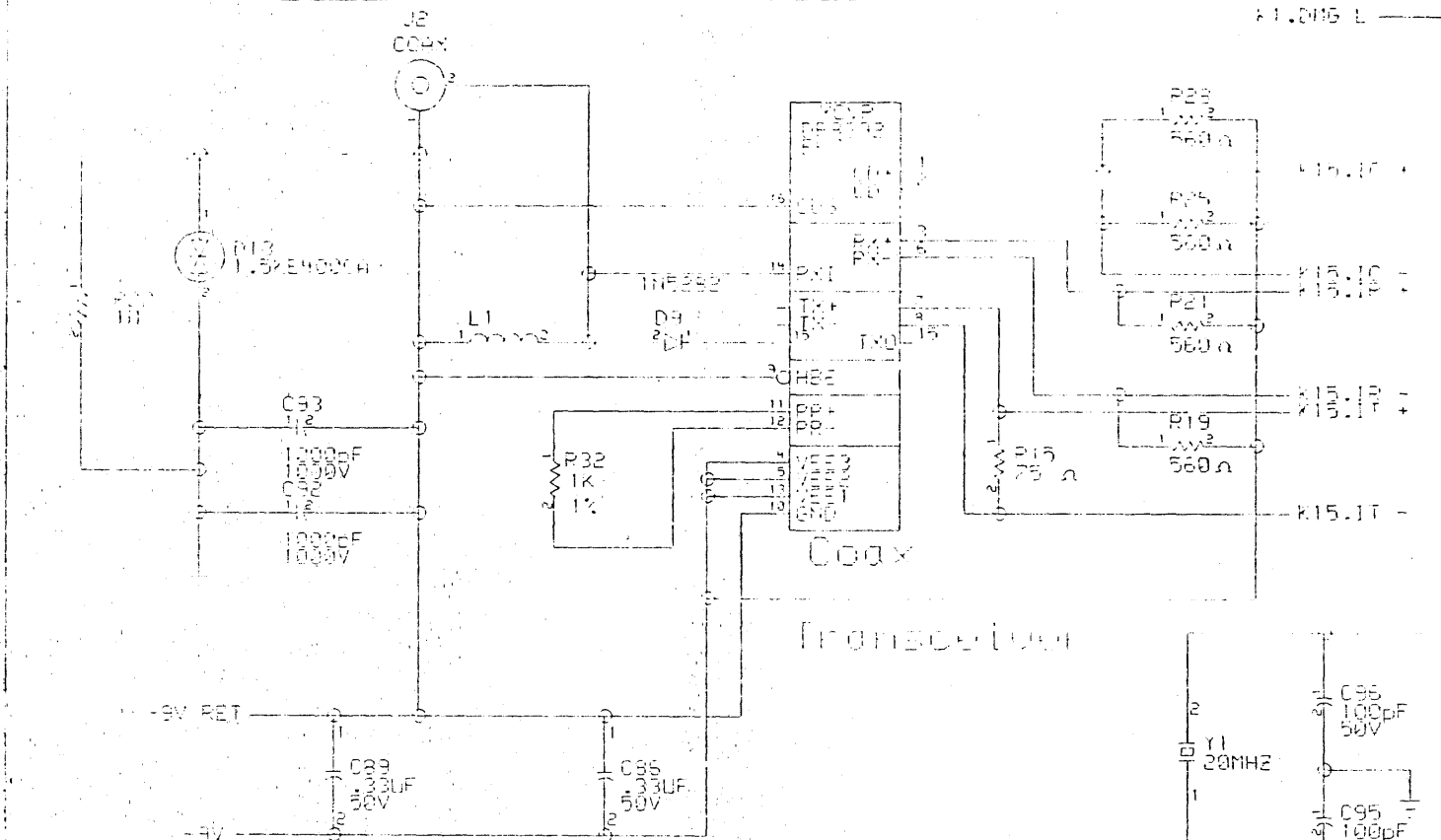
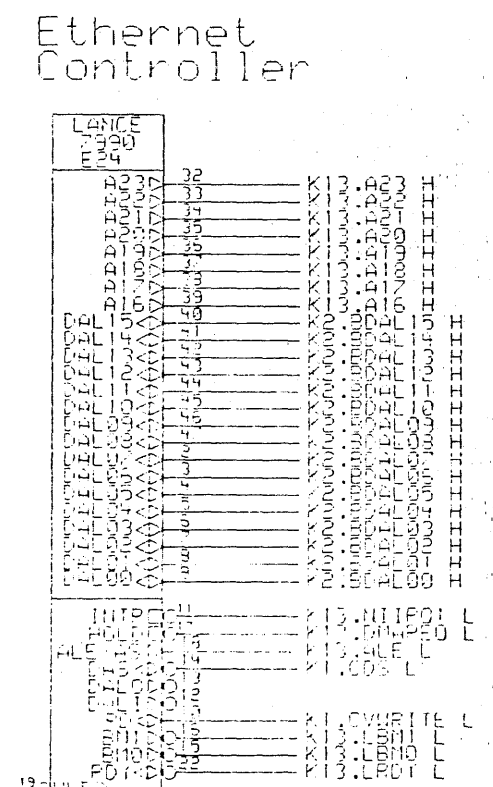
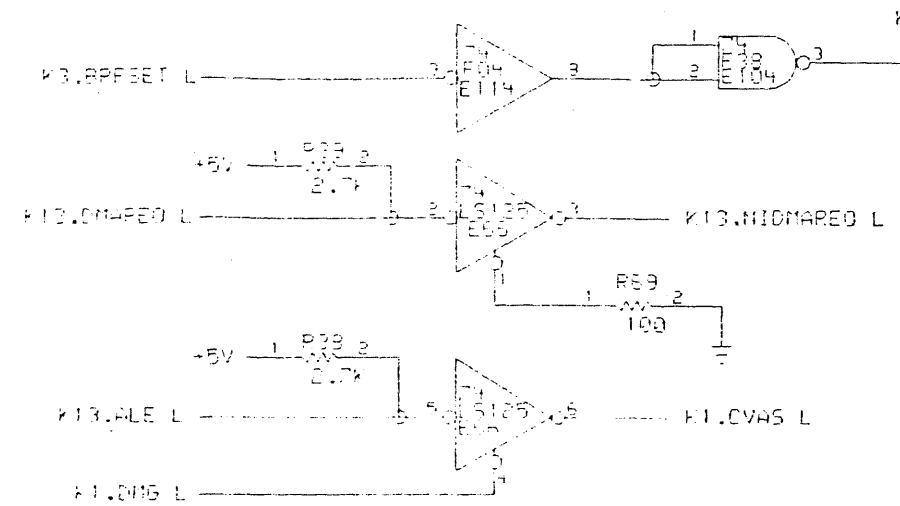
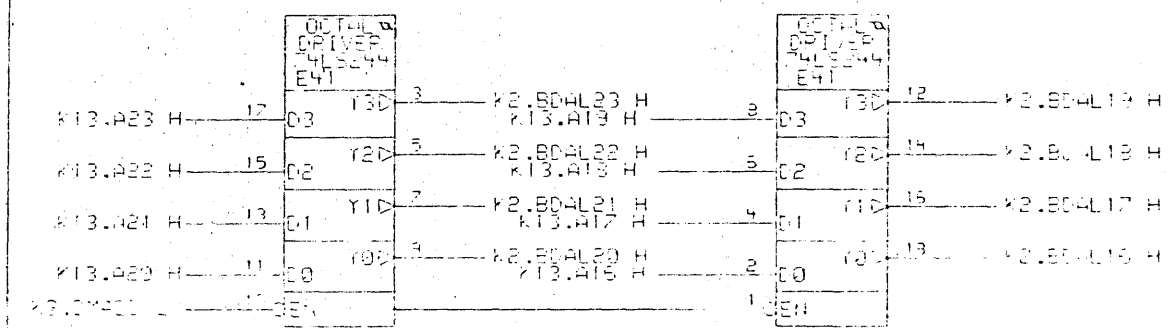


Video Conn

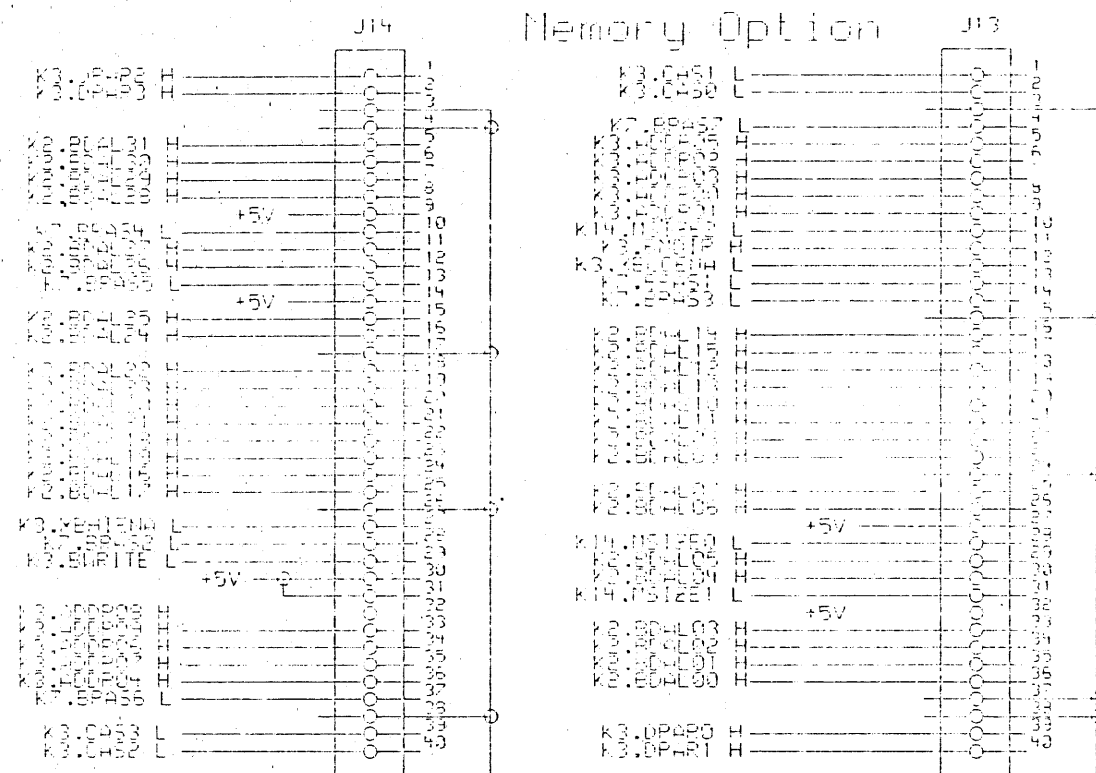


DESIGN	DATE	TITLE
L. NAPHI	25-FEB-87	KH42 SYSTEM BOARD
DESIGN LOCATION		
SHEET	12 OF 16	
TOP DOCUMENT NUMBER		
K-00-541,312-0-0		
SIZE	CODE	NUMBER
K	CS	5417312-0-1
REV.		
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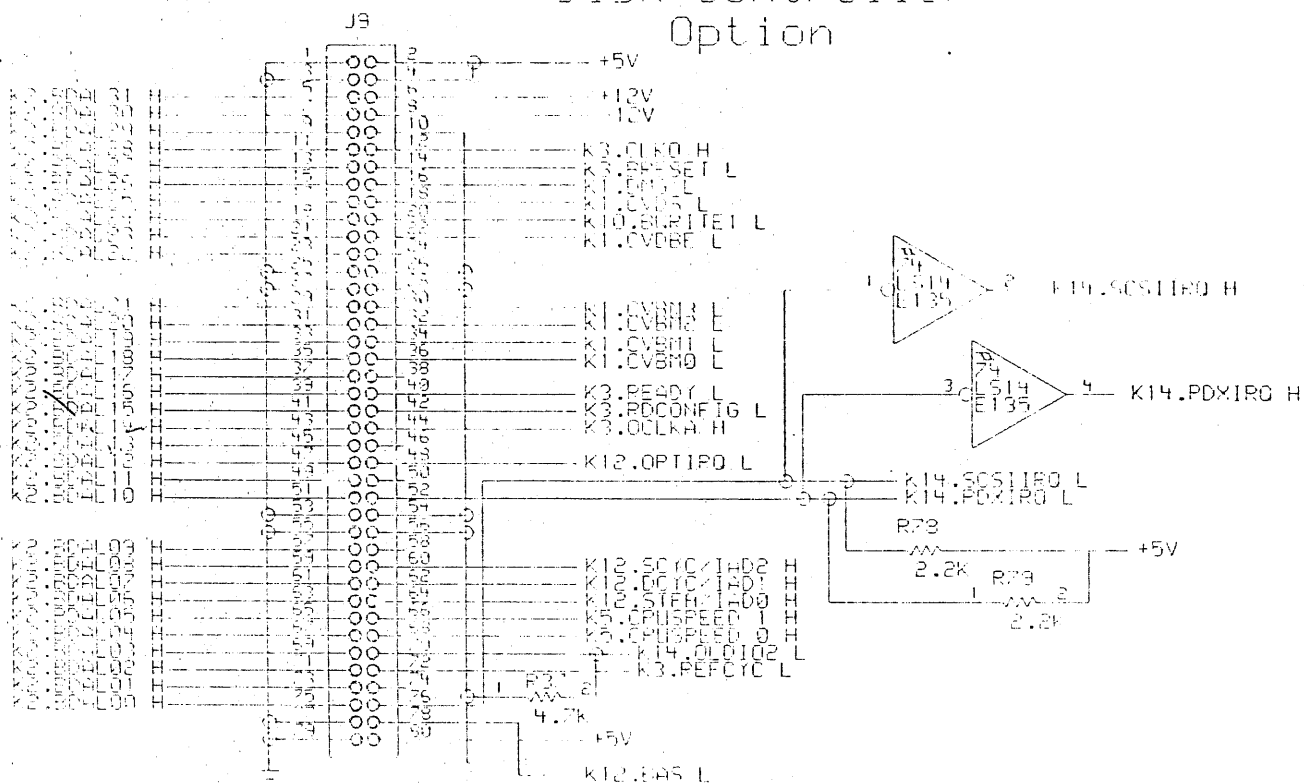
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DATE 11-14-2011 BY 60322 UCBAW/STW



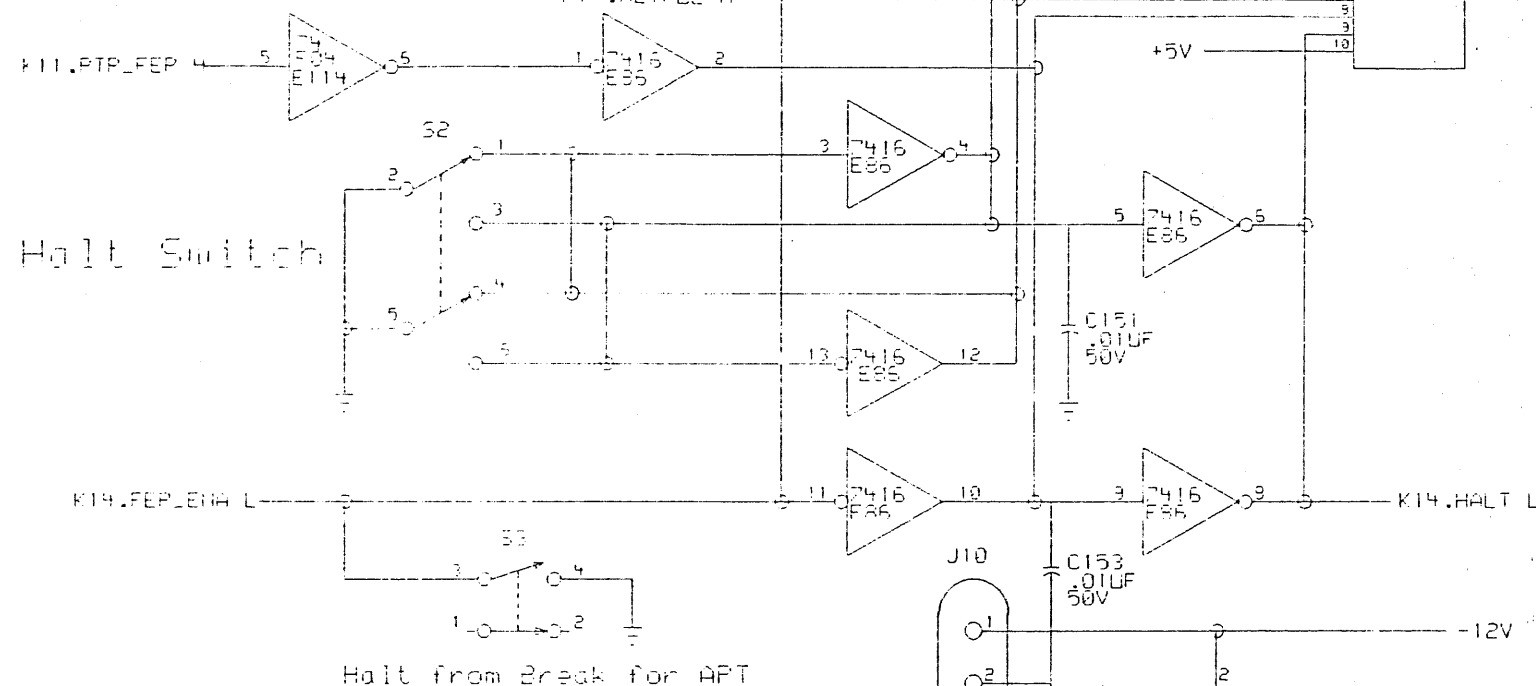
Memory Option



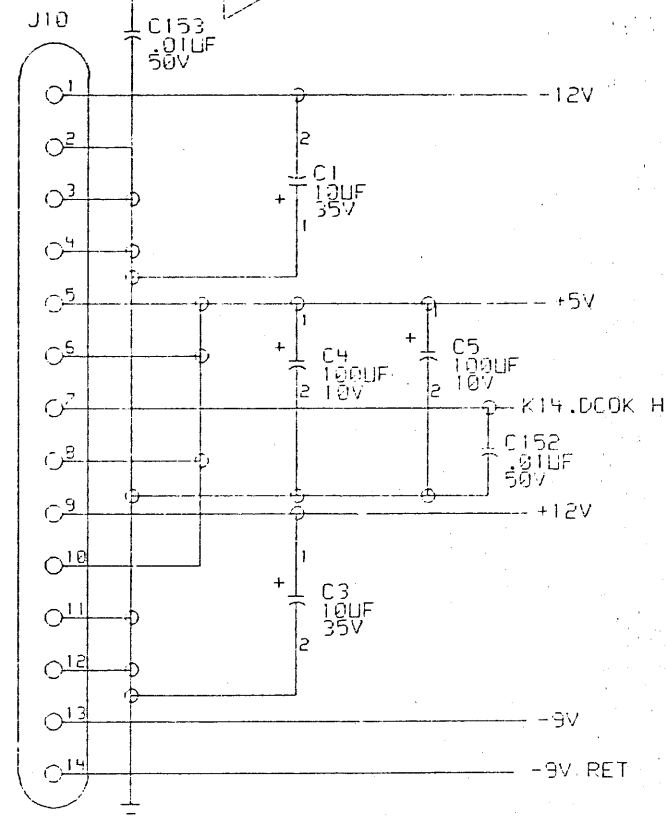
Disk Controller Option



Halt Switch

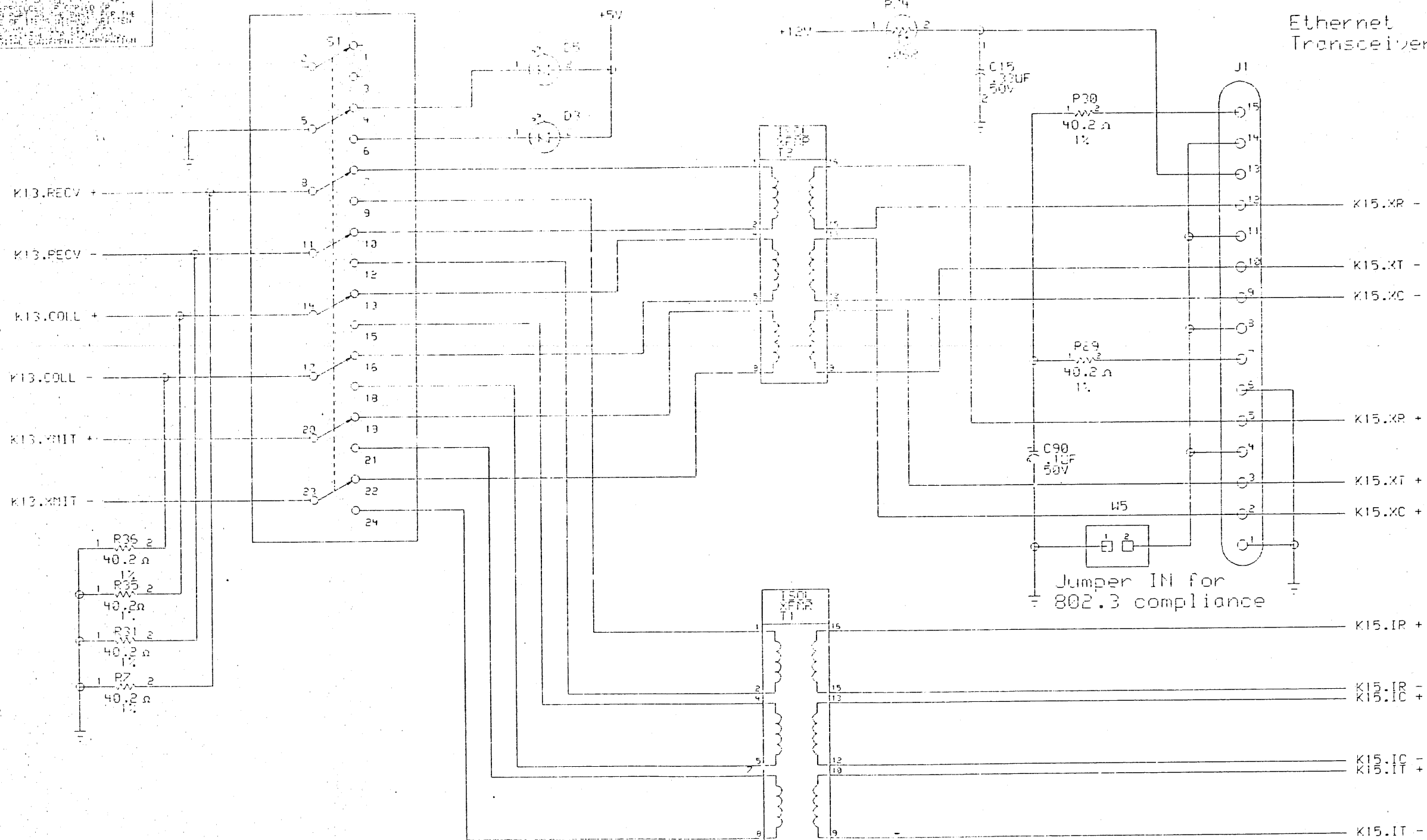


Power Supply Conn



REV.	1	DATE	25-FEB-82	TITLE	KA42 SYSTEM BOARD
DESIGNER	IL NAPHI	ENGINEER		SIZE	CODE
SHEET	14	OF	15	NOISE	REV.
TOP DOCUMENT NUMBER	K-00-5417312-0-0			5417312-0-1	A

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To Thinwire Transceiver chip

K15

ENG.	L. NAPI	DATE	25-FEB-87	TITLE	KA42 SYSTEM BOARD
SHEET	15	OF	15	SIZE	CODE
TOP DOCUMENT NUMBER	K-00-5417312-0-0	NUMBER	5417312-0-1	REV.	A

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