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**UNIT VARIATIONS
COVERED BY THIS
PRINT SET**

KDJ11-AA

KDJ11-A

Field Maintenance Print Set

Digital Equipment Corporation

MP-Ø189Ø-Ø1

EN-01124-16-N675-(327)

DRB 124

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UNIT VARIATIONS

VAR	TITLE
KDJ11-A	(M8192) DUAL HEIGHT W/DCJ11-AC (LSI 11/73)

REVISIONS	CHANGE NO.	REV.	INITIAL	A	USED ON OPTION/MODEL	DRN.	DATE	TITLE	
						D. HEALY	4JAN84	KDJ11-A OPTION	
					Q22 BUS	CHK'D.	DATE		
						D. HEALY	4JAN84		
						PROJ. ENG.	DATE		
						H. DROBNER	16JAN 84		
						PROD.	DATE		
						J. VEGA	16JAN 84	KDJ11-A	
					SHEET 1 OF 2	DIST.			REV A

AUTOMATED BY PRTLST.4Q(50)

LINE ITEM TOP DOCUMENT

PARTS LIST

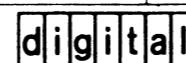
MIN	PART NUMBER REV	DESCRIPTION	QTY PER VARIATION	
		VARIATION REVISION LEVEL: A1	AA	
1	1	D-U-A-M8192-0-0	M8192-00 DUAL HEIGHT CPU BRD (KDJ11-AA),Q	1

SHEET A1 OF A1

REVISION HISTORY			BASIC PART NO: KDJ11	DRN:	D. HEALY	DATE:	04-JAN-84	D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D:	D. HEALY	DATE:	05-JAN-84	TITLE	PARTS LIST
	INITIAL	A	SECTION VARIATION INDEX [A]AA	DES. ENG:	P. RUBINFELD	DATE:	05-JAN-84	KDJ11-A OPTION	
		[B]		RESP. ENG.:	H. DROBNER	DATE:	05-JAN-84	DOCUMENT NUMBER	
		[C]		MFG. ENG.:	J. VEGA	DATE:	05-JAN-84	SIZE/CODE NUMBER	
		[D]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		REV	
		[E]				! #8-DD-KDJ11-A	FILE NAME:	EDIT #	
		[F]				Z8849A.PLS		3	

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



TITLE

KDJ11-A OPTION

SHEET 2 OF 2

SIZE CODE
B DD

NUMBER
KDJ11-A

REV
A

DRB 108A
EN-01239-16-REVA (396)

DRAWING NO.	NO OF SHTS	PART NO.	DESCRIPTION			REVISIONS		REV	SIZE	CODE	NUMBER	DATE	N MBR	DD	B			
				A1	B1	A	B											
		M8192-00	KD J11-A PROCESSOR	A1	B1													
K-CS-M8192-0-K	9		KD J11-A PROCESSOR	A	B													
D-UA-M8192-0-0	1		KD J11-A PROCESSOR	A	B													
K-PL-M8192-0-DBP	2		KD J11-A PROCESSOR	A	B													
K-PC-M8192-0-DBI			PC DESIGN DATA BASE	A	A													
		5015394-01	ETCHED CIRCUIT BOARD	C1	C1													
B-DD-5015394-C-0			DRAWING DIRECTORY	A	A													
K-CS-M8192-0-DBS			SUDS DATA BASE	A	B													
NOTES:																		
				REVISION HISTORY		REV.	A	B										
				DATE	ECO NO.													
				11-83	INIT													
				4-84	ML001													
				DRN.	P. LENNON	DATE								TITLE				
				CHK'D	P. LENNON	7-NOV-83								KD J11-A PROCESSOR				
				DES. ENG.	P. RUBINFELD	7-NOV-83								DOCUMENT NUMBER				
				RESP. ENG	P. RUBINFELD	7-NOV-83								M8192-0-0				
				MFG. ENG	J. VEGA	7-NOV-83								REV B				
														SHEET 1 OF 1				
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PARTS LIST

SHEET A1 OF A2

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
1	1	D-MD-5015394-0-0	5015394-01	ETCH CIRCUIT BOARD	1
2	2		1915305-00	AM 2908 TRANSCEIVER,BUS,LATCH	6
3	3		1919015-00	DC 021 BUS TRANSCEIVER,20PI	3
4	4		1913671-00	74S374 FF-D,OCTAL,TR1 STATE	2
5	5		1910532-00	74S00 NAND GATE-QUAD 2IN	1
6	6		1912801-00	LS02 NOR-GATE-QUAD 2IN	1
7	7		1912824-00	LS74 FF-D DUAL,EDGE TRIGG	2
8	8		1912805-00	LS08 AND GATE-QUAD 2IN,PO	1
9	9		1913414-00	LS14 INVERTER GATE-HEX SC	1
10	10		1912837-01	LS123 ONE SHOT,DUAL,RETRIG	1
11	11		1616653-01	DELAY= 100NS,10TAPS WITH TTLBU	1
12	12		1912813-00	LS27 NOR GATE-TRIPLE 3IN	1
13	13		1216116-00	SKT,IC 40PIN DIP GOLD CARR	1
14	14		1221158-01	SKT,IC 68PIN CHIP CARRIER	2
15	15		1920854-01	GATE ARRAY,CDP PROG.	1
16	16		1920403-01	8A1664 GATE ARRAY,JSS PROG.	1
17	17		1216116-01	SKT,IC 60PIN DIP	1
18	18		5719400-04	HYBRID,ASSY W/2 CHIPS 15MHZ	1
19	19		1921009-01	74F241 BUFFER/LINE DRIVER,N	1
20	20		1921010-01	74F373 OCTAL TRANSPARENT LA	5
21	21		1921008-01	74F240 BUFFER/LINE DRIVER,I	2
22	22		1911676-00	74S139 DECODER-DUAL TWO-INP	1
23	23		1912860-00	LS259 LATCH 8BIT	1
24	24	23044K4-00	K4-01 E-18 - 16R6LPC 44OK4	1	
25	25		1920442-01	74F374 FF-D,OCTAL,TRI-STATE	2
26	26		1911573-00	74S280 PARITY GEN/CHKR,9BIT	2
27	27		1919189-00	COMPARATOR,8-BIT BIP	2
28	28	2117498-02	6147P RAM,4KX1,STATIC,55NS	2	
29	29	2119250-00	8168 4KX4 STATIC RAM 55NS	7	
30	30	1913340-00	74S32 OR GATE-QUAD 2IN	1	

26/11-83

REVISION HISTORY			BASIC PART NO: M8192	DRN: M. McDONOUGH	DATE: 22-MAR-83	D	I	G	I	T	A	L
ENG:	ECO NUMBER	REV	SECTION A OF A	CHK'D:	DICK BARRIERE	DATE: 08-NOV-83	TITLE PARTS LIST					
KDJ11-A PROCESSOR												
INITIAL	A		SECTION VARIATION INDEX	DES.ENG:	P. RUBINFELD	DATE: 22-MAR-83	DOCUMENT NUMBER					
[A]	00		[C]	RESP.ENG.:	H. DROBNER	DATE: 22-MAR-83	SIZE	CODE	NUMBER	REV		
[B]			[D]	MFG.ENG.:	JORGE VEGA	DATE: 26-OCT-83	K	PL	M8192-0-DBP	A		
[C]			[E]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:			FILE NAME:	EDIT #		
[D]			[F]	D-UA-M8192-0-0		B-DD-M8192-0-0			Z6708A.PLS	5		
[E]			[G]									
[H]			[I]									
[J]			[K]									
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PARTS LIST

SHEET A2 OF A2

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
31	31	1912388-00	74S02 NOR GATE-QUAD 2IN,PO	1	E8
32	32	1912096-00	DEC 74S86 XOR GATE,QUAD 2IN	1	E21
33	33	1914085-00	74S260 NOR GATE-DUAL,POS	1	E14
34	34	1316254-01	R NETWORK 7-4.7K 2.0 W 8PIN	2	Z1,Z2
35	35	1318110-00	R NETWORK 11-330 11-680 13PIN	4	Z3,Z4,Z5,Z6
36	36	1309595-00	1.0 M .25 W 5.0 K CF	1	R1
37	37	1302177-00	47.0 K .25 W 5.0 K CF	2	R2,R5
38	38	1302466-00	100.0 K .25 W 5.0 K CF	1	R3
39	39	1319471-47	14.0 2.0 W 2.0 K M.OXIDE	1	R4
40	40	1300365-00	1.0 K .25 W 5.0 K CF	1	R7
41	41	1300316-00	470.0 .25 W 5.0 K CF	1	R8
42	42	1305325-00	8.25 K .25 W 1.0 K RN55D-F10	1	R9
43	43 SEE NOTE	1120964-01	LED ASSY 4 RED 5V 8MA	1	D1,D2,D3,D4
44	44	1100114-00	PIV= 25 IO=135 MA	1	D5
45	45	1000014-00	68.0 MMF 100V 5%200PPM MICA	2	C1,C2
46	46	1013398-00	750.0 MMF 100V 5%200PPM MICA	2	C3,C5
47	47	1000076-00	39 MFD 10V 10% S.TANT	1	C4
48	48	1004812-00	15 MFD 20V 10% S.TANT	2	C8,C9
49	49	1014265-02	.33 MFD 50V +80-20% CER	27	C10-C24,C26-C34,C37-C39
50	50	1215341-08	PCB HEADER 18PIN(2X9).100CC STR	18	M1-M18
51	51	1218783-00	JUMPER 02POS(1X02).100CC	9	W1-W9
52	52	1809880-10	XTAL 15.206 MHZ	1	Y1
53	53	1213543-01	HANDLE,UNIBUS MODULE,MAGENTA	1	
54	54	1010279-00	.47 MFD 25V 20% CER	2	C7,C6
55	55	1912799-00	LS00 NAND-GATE-QUAD 2IN,P	1	E37
56	56	1320602-42	15.0 2.0 W 2.0 K M.OXIDE	1	R6
57	57	1012784-00	.047 MFD 50V +80-20% CER	2	C35,C36

58 NOTE: 1-D1,D2,D3,D4 ARE ALL PART OF SAME ASSEMBLY.

D	I	G	I	T	A	L	TITLE	KDJ11-A PROCESSOR	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	M8192-0-DBP	A

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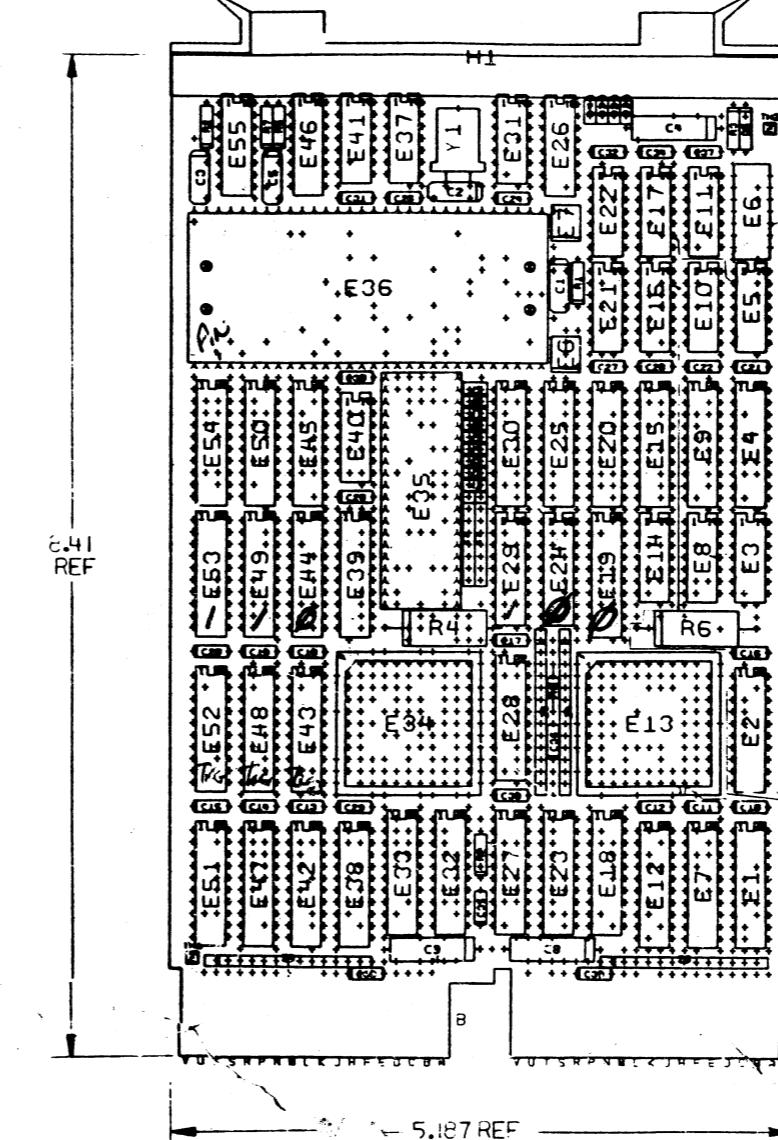
COMPONENT SIDE VIEW

REWORK INSTRUCTION

ECO M6192-NLOCI

RE ADD SIDE ONE AS SHOWN

- 1-1 FROM E17-9 TO E5-2
1-2 FROM E16-13 THRU PTH TO E13-41 ON SIDE

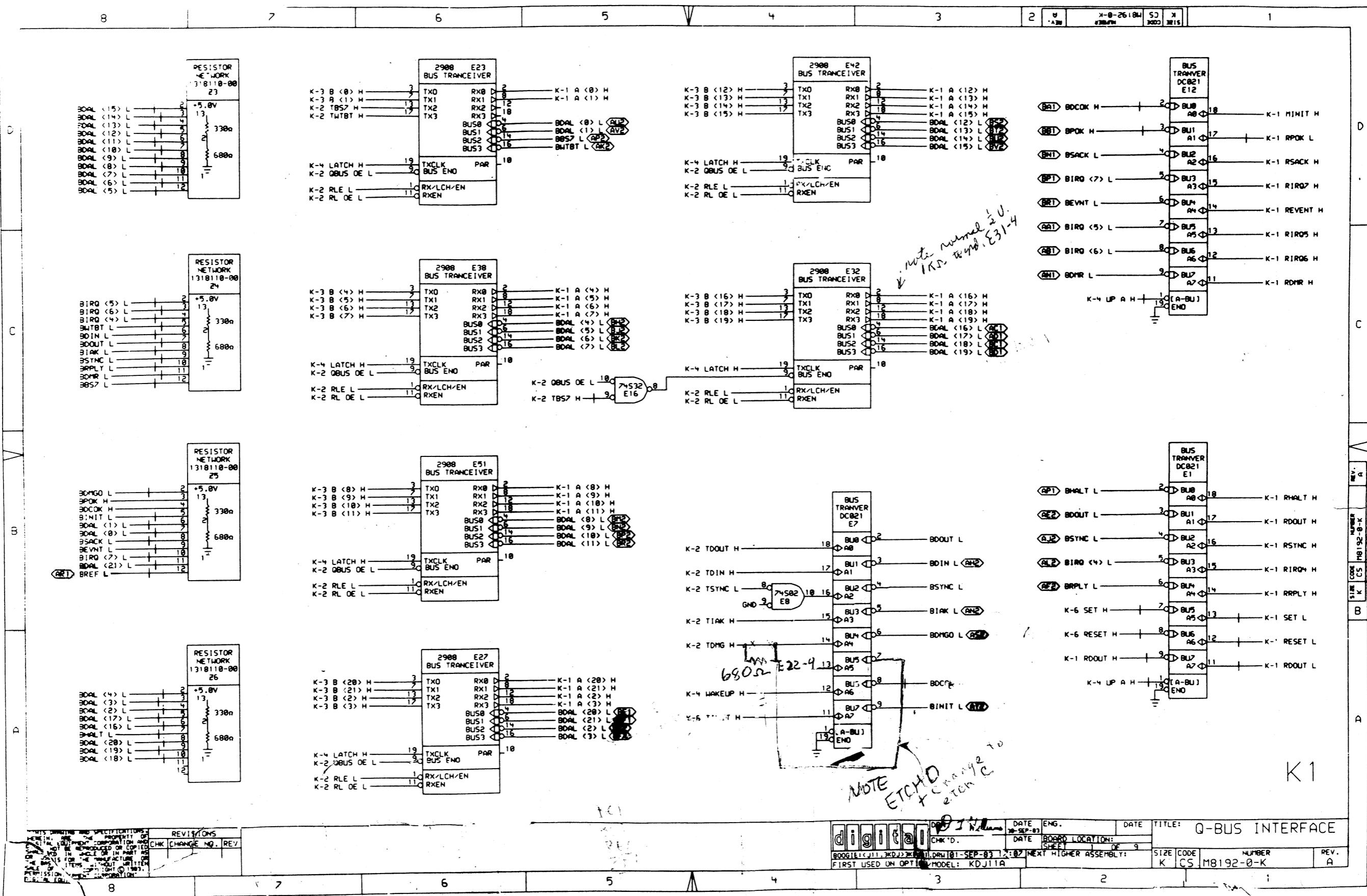


NOTES

FILE 1 INSTALLED
WITH CRT

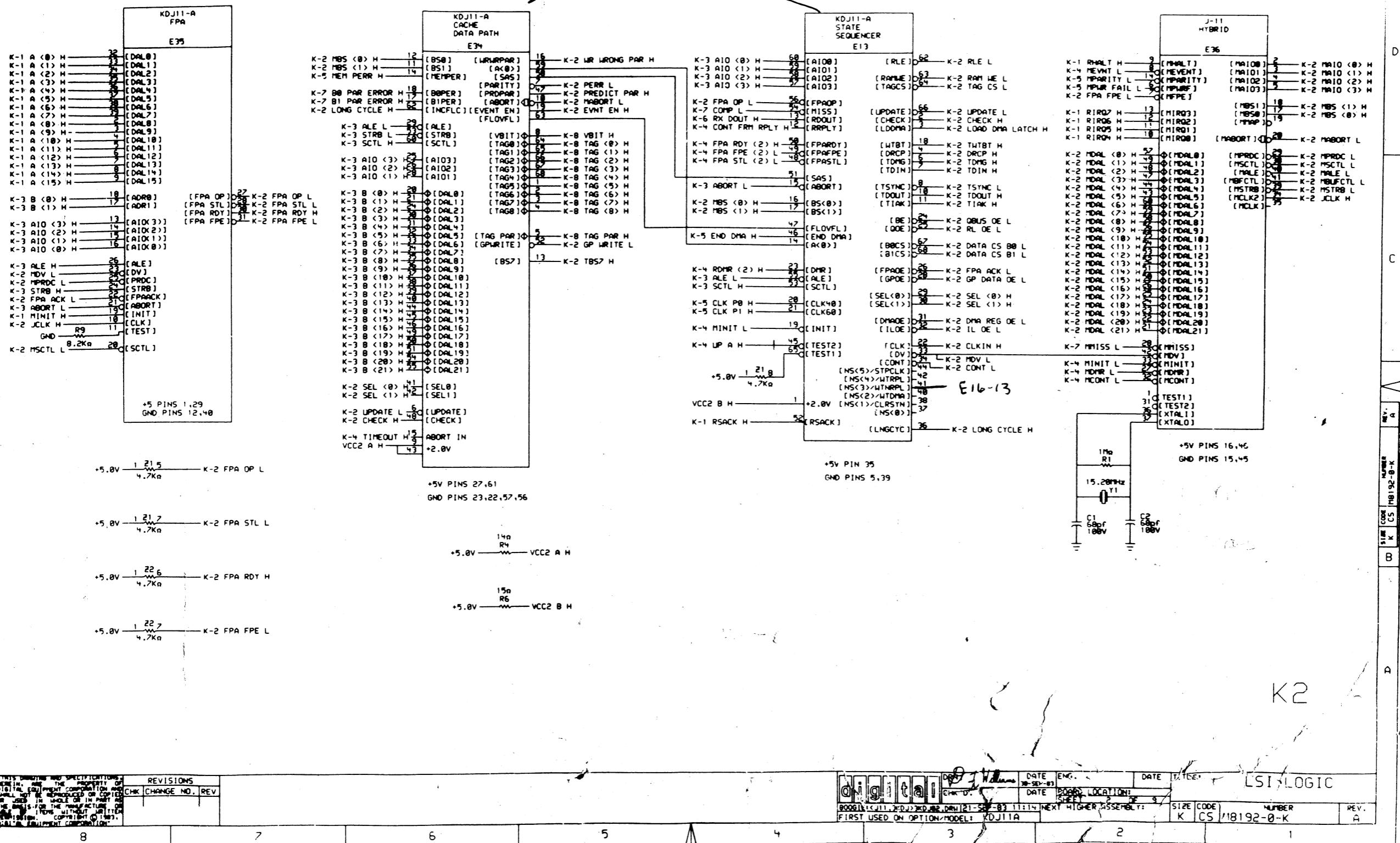
STEP E → Y AXIS STEP TIMES
REPEAT → X AXIS REP TIMES

SIGNATURES		DATE	digital		
DRN. 3.	CHK D.	MECH. ENG.	TITLE	NDJII A	
PROJ. ENG.	PROD.	SCALE 1:5	SIZE CODE	NUMBER	R
ETCH REV. C 1		SHT. 1 OF 1	D 1A	MB192-0	B
NEXT HIGHER ASSY. B-30 MPI 2					



8 7 6 5 4 3 2 A X-0-26.8 S2 K COO 315

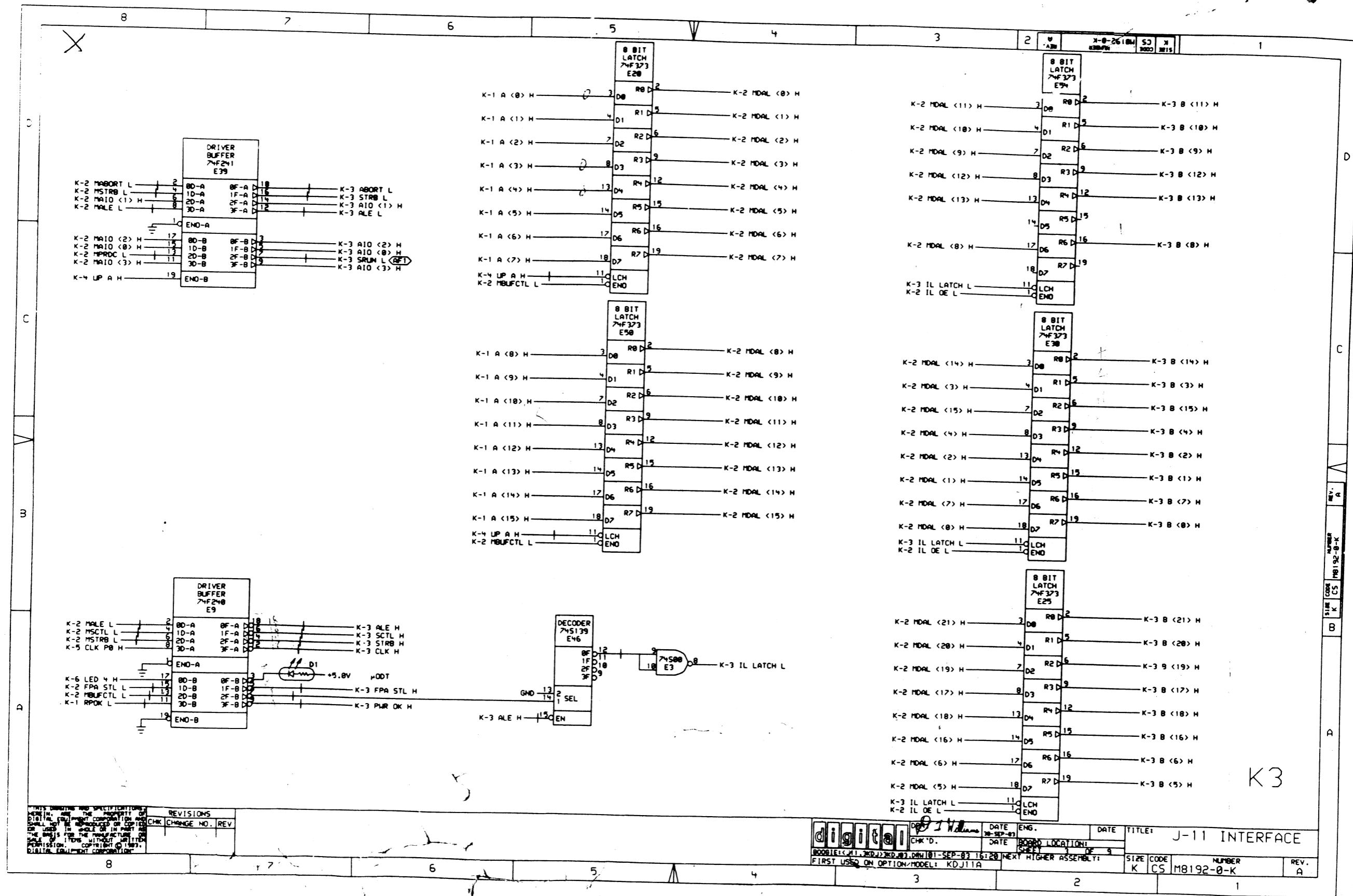
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9000-327

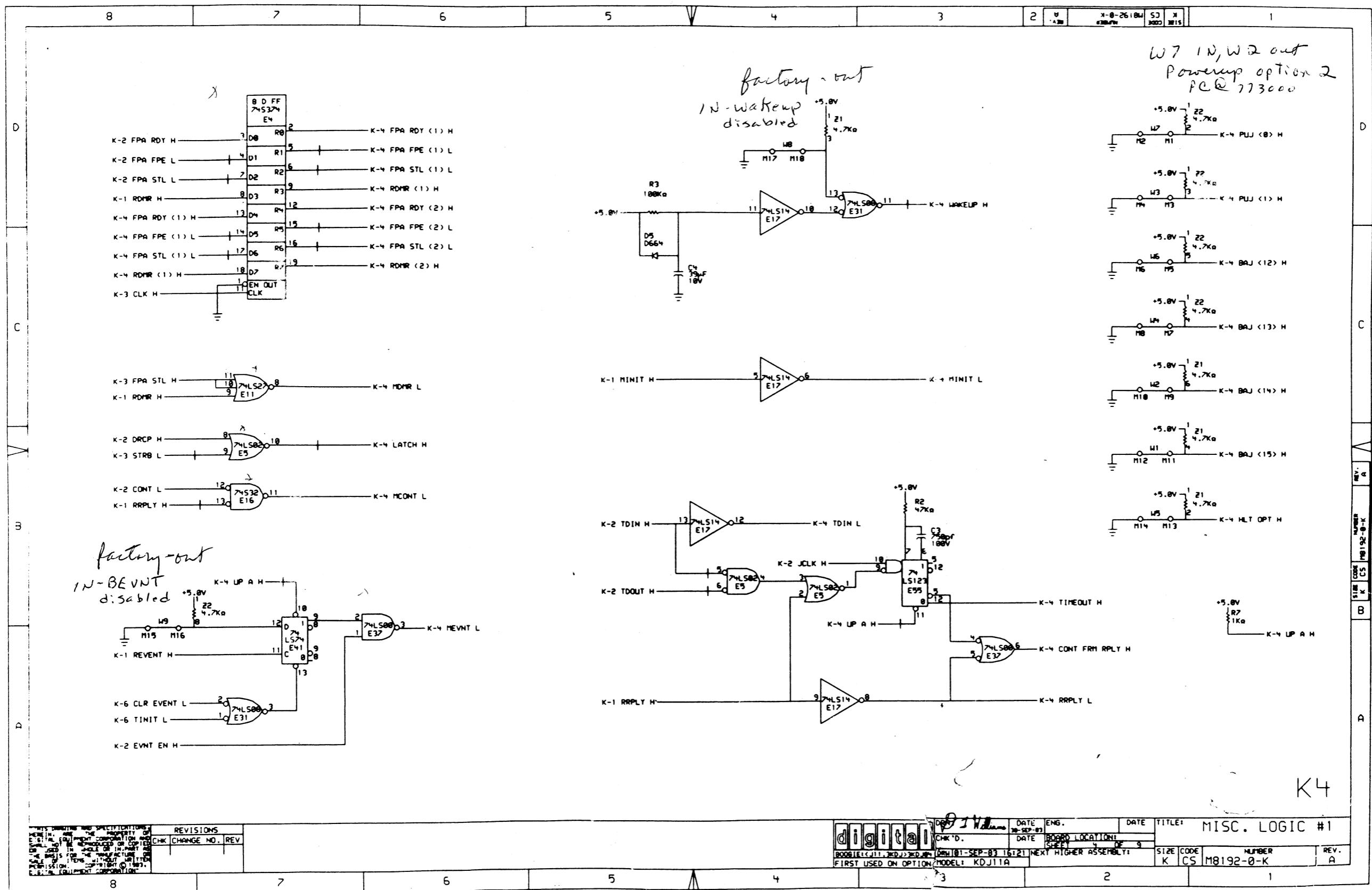


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DATE 2-SD-83
LOCATION: 2-SD-83
NEXT HIGHER ASSEMBLY: 9
SIZE CODE K CS 118192-0-K
NUMBER 118192-0-K
REV. A

8 7 6 5 4 3 2 1

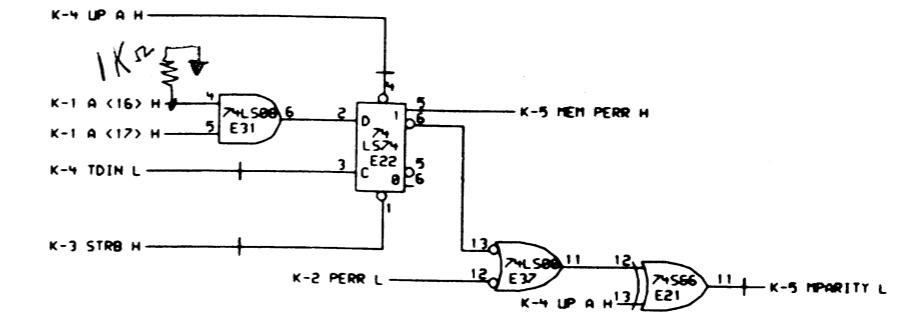
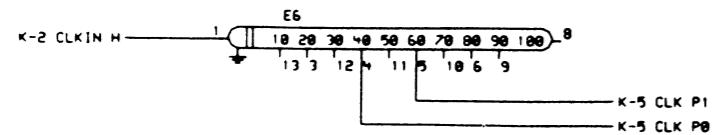




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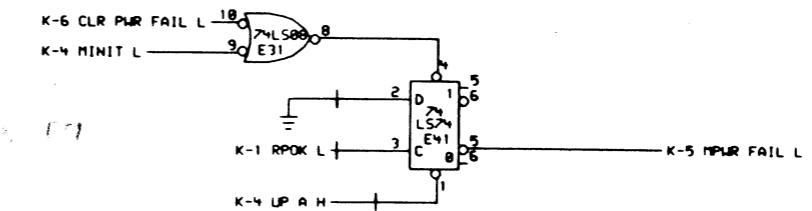
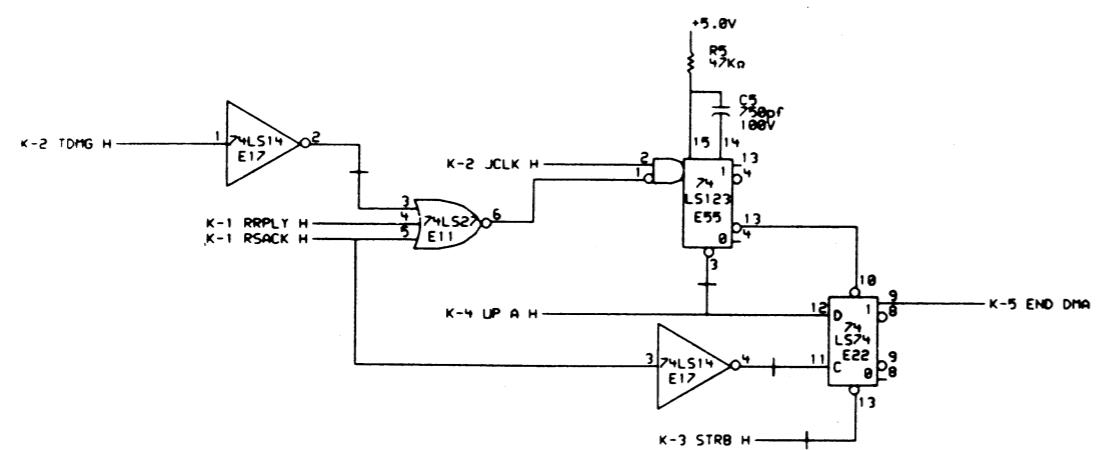
D

D



C

C



B

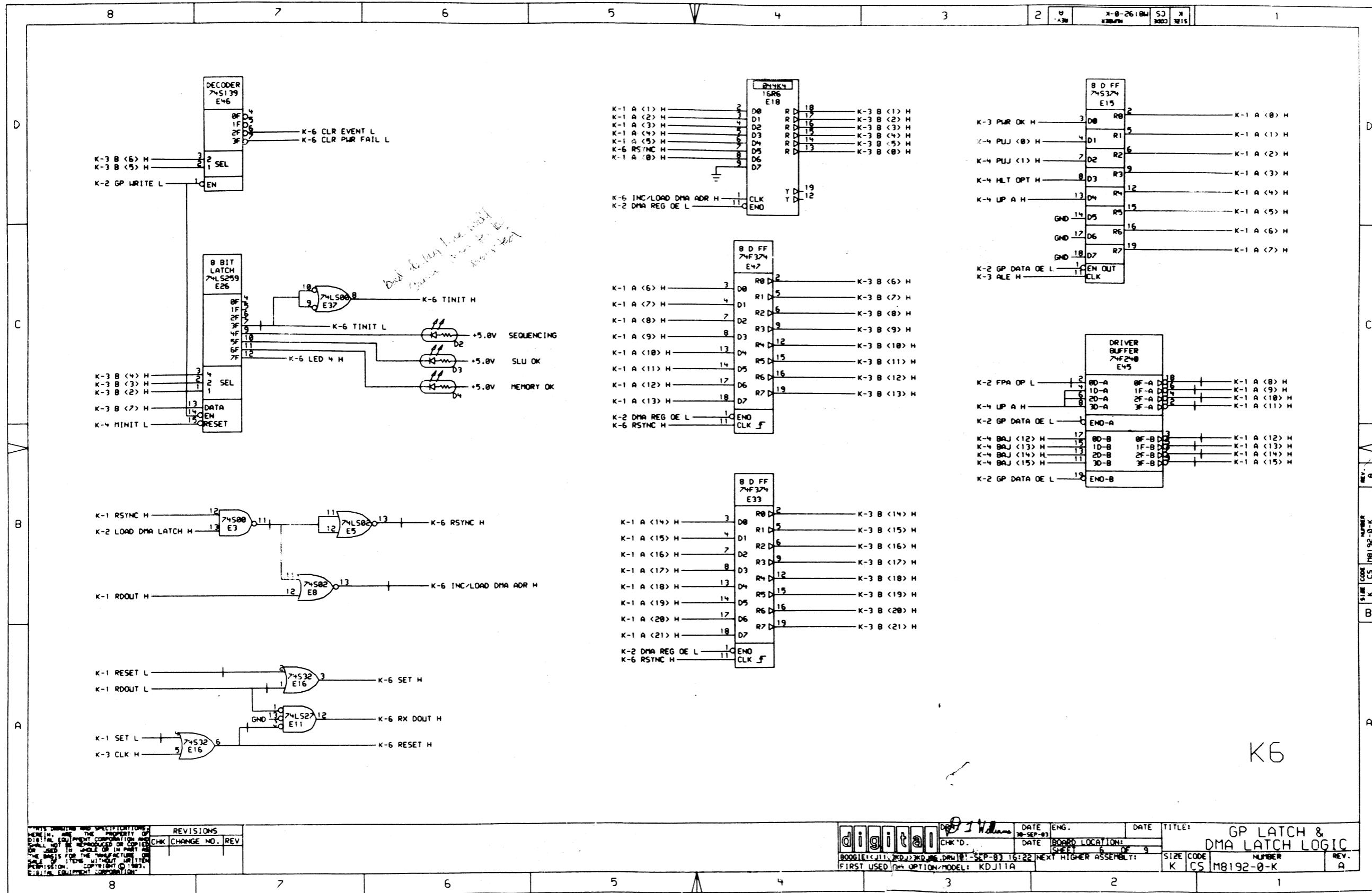
B

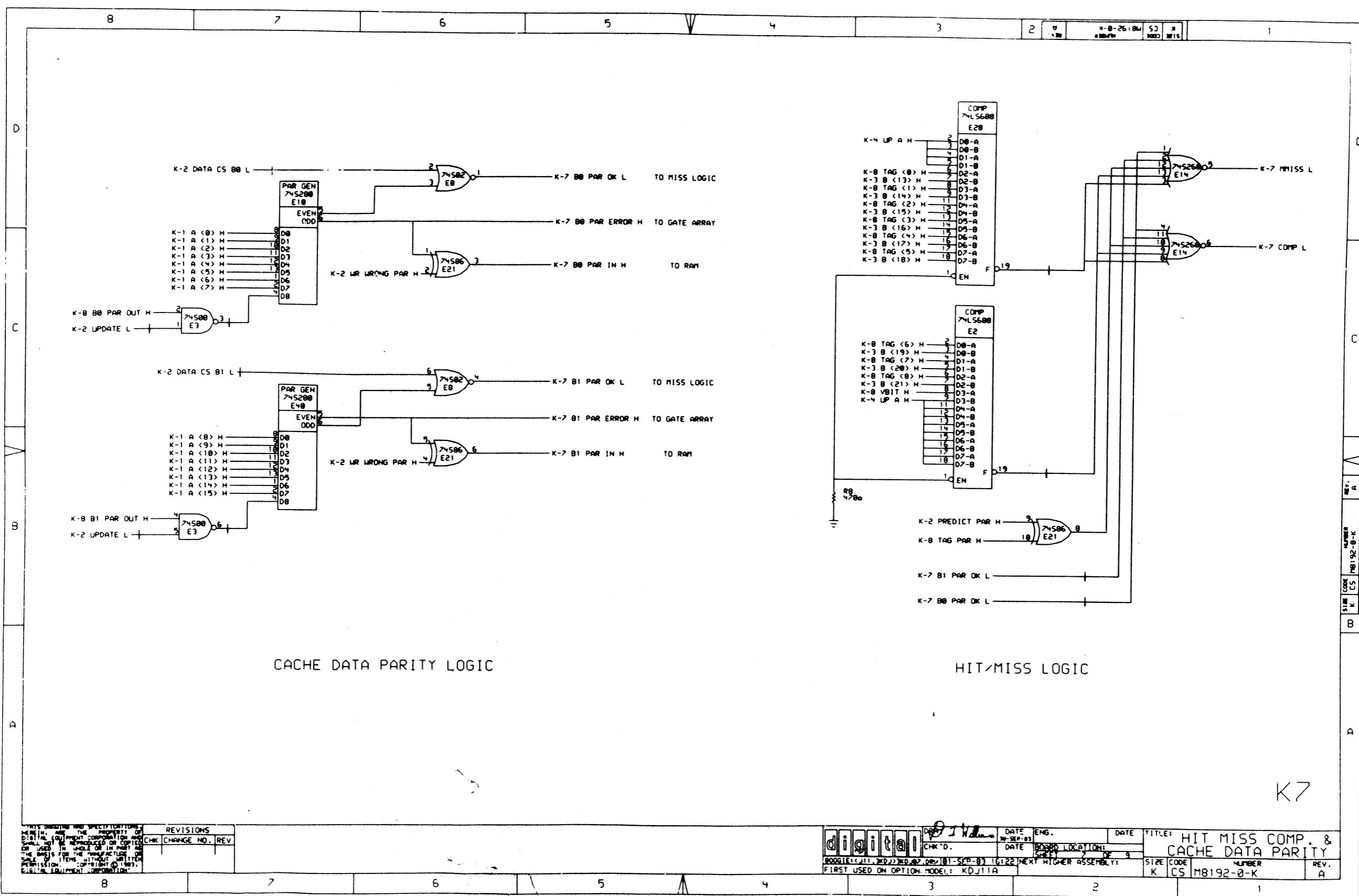
K5

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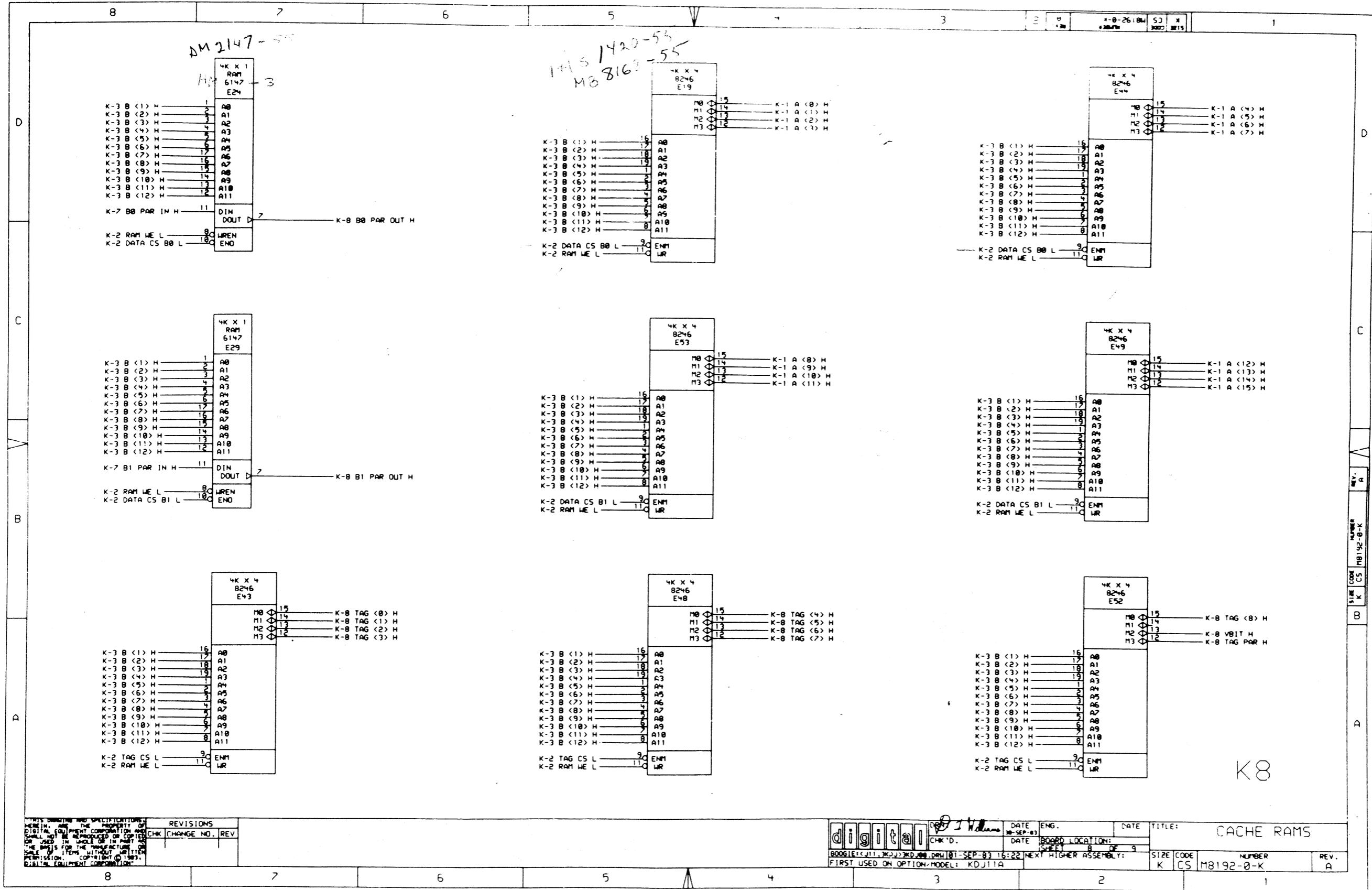
digital	DATE	ENG.	DATE	TITLE:
CHKD.	10-SEP-83			MISC. LOGIC #2
DATE		BOARD LOCATION:		
BOOGIE: KDJ1A		SHEET	OF	
FIRST USED ON OPTION/MODEL: KDJ1A				
SIZE	CODE	NUMBER		
K	CS	M8192-0-K		REV.
A				

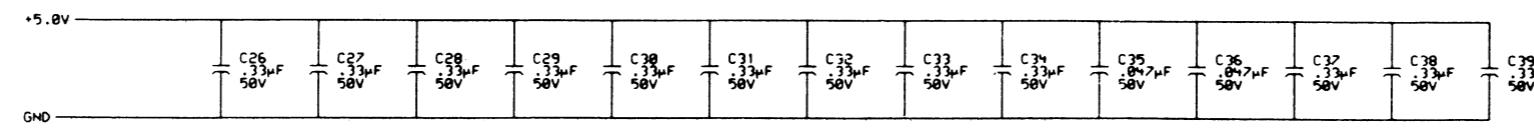
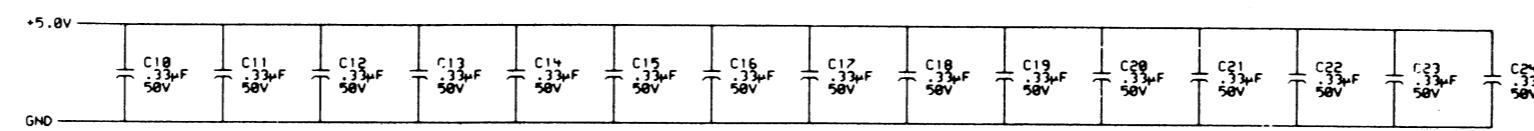
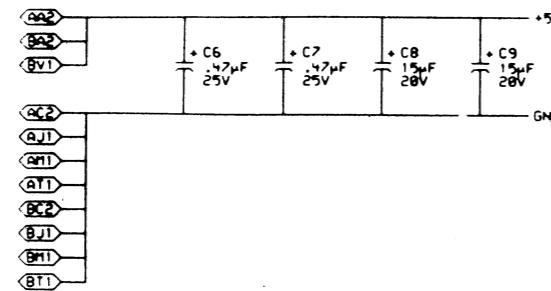
8 7 6 5 4 3 2 1





K7





K9