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REVISION HISTORY						DRN.		DATE		TITLE			
DATE		ECO NUMBER		REV.		P. BROSNIHAN		4/4/81		FIELD MAINTENANCE PRINT SET KDF11-B			
INITIALIZE				A		CHK'D.		DATE					
G/17/81				B		G. MARINI		4/4/81					
12 APR 82		KDF11-B-ML001		C		DES. ENG.		DATE					
4 JUN 83		KDF11-B-MLOO2						22-JUN-81		DOCUMENT NUMBER			
						RESP. ENG.		DATE					
						J. Nichols		22-JUN-81		NUMBER			
						C. D. Valentine		22-JUN-81					
						FIELD SERVICE		DATE		REV.			
						G. Marini		23-JUN-81					
						NEXT HIGHER DOC.		11/23-B		SHEET 1 OF 1			

MI

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LEGEND	
NUMBER	DESCRIPTION
KDFII-BA	M8189-00 PLUS KTFII-AA & BOOT/DIAG. ROMS, P/N: 23-339E2-00 & 23-340E2-00
KDFII-BB	M8189-00 PLUS KTFII-AA, KEFII-AA & BOOT/DIAG. ROMS P/N: 23-339E2-00 & 23-340E2-00
KDFII-BC	M8189-00 PLUS BOOT/DIAG. ROMS P/N: 23-339E2-00 & 23-340E2-00
KDFII-BD	M8189-00 PLUS KTFII-AA, KEFII-BB & BOOT/DIAG. ROMS P/N: 23-339E2-00 & 23-340E2-00
KDFII-BE	M8189-00 PLUS KTFII-AA & 16KB BOOT/DIAGNOSTIC ROMS, P/N: 23-157E4 & 23-158E4. CONFIG. EXT. BAUD SEL.

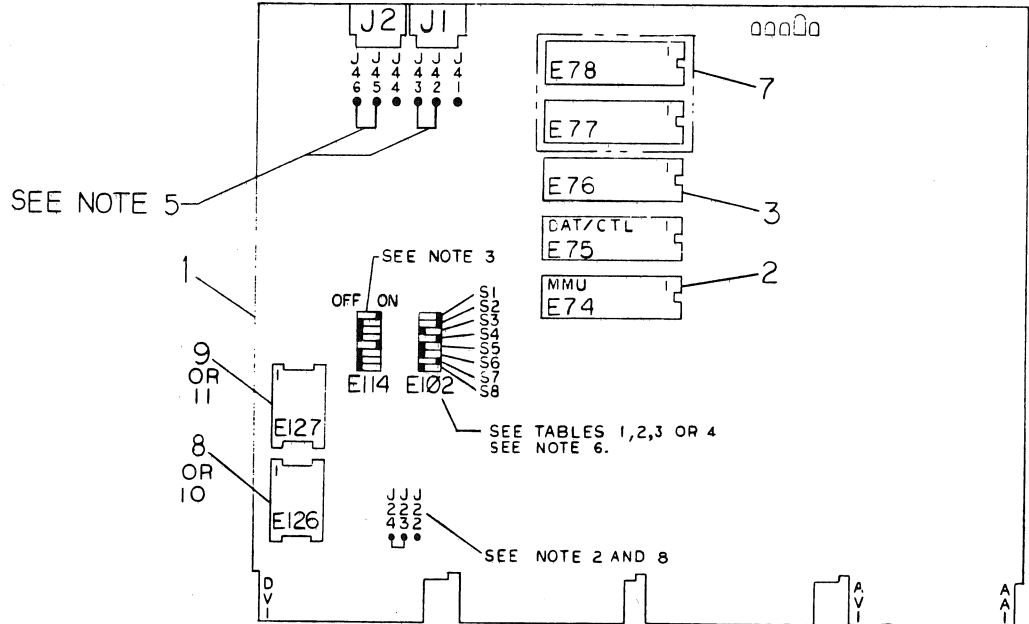
- NOTES:
- WHEN INSTALLING ITEMS 2, 3, 8 & 9 MAKE SURE THAT PIN 1 IS LOCATED AS SHOWN.
 - FOR VARIATIONS-BA, BB, BC AND-BD WHEN ITEMS 8 & 9 ARE MASKED ROMS CONNECT J23 TO J24 WITH J22 NOT CONNECTED. WHEN ITEMS 8 & 9 ARE EPROMS CONNECT J22 TO J23 WITH J24 NOT CONNECTED.
 - BAUD RATE SELECTION. SEE D-CS-M8189-3-KII. SETTINGS SHOWN PRODUCE 9600 BAUD EACH LINE.
 - KEFII-BB=CIS MICROCODE HYBRID. CONTAINS CIS MICROCODE TO IMPLEMENT THE COMMERCIAL INSTRUCTION SET.
 - CONNECT J45 TO J46 WITH J44 NOT CONNECTED AND J43 TO J42 WITH J41 NOT CONNECTED FOR INTERNAL BAUD RATE GENERATOR ON-BA, BB, BC, BD VARIATIONS. CONNECT J45 TO J44 WITH J46 NOT CONNECTED AND J41 TO J42 WITH J43 NOT CONNECTED FOR EXTERNAL BAUD RATE GENERATOR ON-BE VARIATION.
 - USE TABLES 1, 2 AND 3 FOR KDFII-BA, BB, BC, BD. USE TABLE 4 FOR KDFII-BE.
 - TO DIFFERENTIATE BETWEEN-BA AND-BE, STAMP MODULE HANDLE (SEE DETAIL "A" FOR PLACEMENT) WITH INDELIBLE INK AND CORRECT RUBBER STAMP; KDFII-BA OR KDFII-BE.
 - FOR VARIATION-BE, CONNECT J24 TO J23 WITH J22 NOT CONNECTED.

TABLE 1 BOOT/DIAG. SELECTION GUIDE FOR SWITCH PACK EI02		
SWITCH	ON	OFF
S1	EXECUTE CPU TEST	SKIP CPU TEST
S2	EXECUTE MEMORY TEST	SKIP MEMORY TEST
S3	EXECUTE DECNET BOOT PROGRAM SELECTED BY S4-S7 PER TABLE 2.	EXECUTE STANDARD BOOT PROGRAM PER SWITCH S4
S4	EXECUTE DIALOGUE ECOT PROGRAM. OPERATOR RESPONDS WITH MNEMONIC PER TABLE 3.	EXECUTE AUTOMATIC (TURNKEY) BOOT PROGRAM SELECTED BY S5-S8 PER TABLE 3.

TABLE 2 DECNET BOOT DEVICE SELECTION (S3 ON)				
S4	S5	S6	S7	DEVICE
ON	X	X	X	DUVII
OFF	ON	X	OFF	DLVII-E
OFF	ON	X	ON	DLVII-F

NOTE: X = DON'T CARE

TABLE 3 STANDARD BOOT DEVICE SELECTION (S3 OFF)					
MNEMONIC	S5	S6	S7	S8	DEVICE
DKn; n<8	OFF	OFF	OFF	ON	RK05
DLn; n<4	OFF	OFF	ON	OFF	RLO1/RLO2
DDn; n<2	OFF	OFF	ON	ON	TU58
DXn; n<2	OFF	ON	OFF	OFF	RX01
DYn; n<2	OFF	ON	ON	OFF	RX02



CAUTION: OFF SHEET PARTS LIST EXISTS, SEE K-PL-KDFII-B-DBP

REVISIONS		REV.	INITIAL
CHK	CHANGE NO.	A	
1	22-KDFII-B-MLOO1	B	
2	12-APR-82		
3	C. VALENTINE		
4	23-APR-82 (REV) 5-13-82		
5	7-4 KDFII-B-MLOO2	C	
6	S. CORMIER 25MAY83		
7	M. O'R JORDAN		
8	M. O'R JORDAN 22-JUN-83		

THIRD ANGLE PROJECTION		DESCRIPTION		DWG./PART NO.	ITEM NO.
REMOVE BURRS AND BREAK SHARP CORNERS		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		11/23-8 digital	
DO NOT SCALE DWG		CLASS OF ACCURACY (CHECK ONE)		TITLE	
MATERIAL		SURFACE QUALITY		KDFII-B CPU UNIT ASSEMBLY	
FINISH		MICROINCHES		NEXT HIGHER ASSY.	
		PREFERRED		B-DD-KDFII-B	
		SCALE		SCALE NONE	
		SHEET		SHEET 1 OF 3	
		SIZE		D UAKDFII-B-0	
		NUMBER		C	
		REV.			

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SWITCHES

1=ON
0=OFF
X=DOES NOT EFFECT
CONDITION SELECTED

TABLE 4 BOOTSTRAP DIAGNOSTIC CONFIGURATION SWITCHES

SWITCH SETTING								FUNCTION
8	7	6	5	4	3	2	1	
X	X	0	0	0	0	0	0	INHIBIT POWER ON AUTO BOOT
0	X	X	X	X	X	X	X	CONSOLE TERMINAL IS NOT AN ANSI MODE SCOPE
1	X	X	X	X	X	X	X	CONSOLE TERMINAL IS AN ANSI MODE SCOPE
X	1	X	X	X	X	X	X	*EXECUTE QUICK VERIFY MEMORY DIAGNOSTICS
X	X	0	0	0	0	1	0	SELECT TU58 DEVICE 0
X	X	0	0	0	0	1	1	SELECT TU58 DEVICE 1
X	X	0	0	0	1	0	0	SELECT RX01 DEVICE 0
X	X	0	0	0	1	0	1	SELECT RX01 DEVICE 1
X	X	0	0	0	1	1	0	SELECT RX02 DEVICE 0
X	X	0	0	1	0	0	0	SELECT RX02 DEVICE 1
X	X	0	0	1	0	0	0	SELECT MSCP DEVICE 0
X	X	0	0	1	0	0	1	SELECT MSCP DEVICE 1
X	X	0	0	1	0	1	0	SELECT MSCP DEVICE 2
X	X	0	0	1	0	1	1	SELECT MSCP DEVICE 3
X	X	0	0	1	1	0	0	SELECT MSCP DEVICE 4
X	X	0	0	1	1	0	1	SELECT MSCP DEVICE 5
X	X	0	0	1	1	1	0	SELECT MSCP DEVICE 6
X	X	0	0	1	1	1	1	SELECT MSCP AUTO BOOT SEQUENCER (SNIFFER BOOT)
X	X	0	1	0	0	0	0	SELECT RLO1/RLO2 DEVICE 0
X	X	0	1	0	0	0	1	SELECT RLO1/RLO2 DEVICE 1
X	X	0	1	0	0	1	0	SELECT RLO1/RLO2 DEVICE 2
X	X	0	1	0	0	1	1	SELECT RLO1/RLO2 DEVICE 3
X	X	0	1	1	0	0	0	RESERVED FOR FUTURE DEVICES
X	X	1	1	0	1	1	1	
X	X	1	1	1	0	0	0	SELECT DECNET DUVII
X	X	1	1	1	0	0	1	SELECT DECNET DLVII-E
X	X	1	1	1	0	1	0	SELECT DECNET DLVII-F
X	0	1	1	1	1	1	1	LOOP SELF TEST BUT DO NOT EXECUTE MEMORY DIAGNOSTIC
X	1	1	1	1	1	1	1	LOOP SELF TEST AND MEMORY DIAGNOSTIC
1	1	0	0	1	1	1	1	

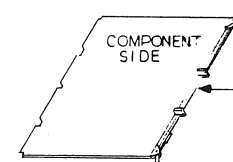
* THE FIRST 48 KB OF MEMORY WILL ALWAYS BE TESTED REGARDLESS OF SWITCH POSITION. THERE MUST BE A MINIMUM OF 16 KB OF MEMORY TO RUN WITH THESE ROMS.

SWITCH REGISTER FORMAT

- 0 BITS 6:4 ARE CONTROLLER TYPE ID, BITS 3:1 ARE UNIT NUMBER SELECT.
- 0 BITS 6:3 ARE CONTROLLER TYPE ID, BITS 2:1 ARE UNIT NUMBER SELECT.
- 0 BITS 6:2 ARE CONTROLLER TYPE ID, BITS 1 IS UNIT NUMBER SELECT.
- 0 BITS 6:4 = 1 IS DECNET IDENTIFIER, BITS 3:1 SELECT LINK TYPE.
- 0 BITS 6:4 IS DECNET IDENTIFIER, BITS 3:1 SELECT LINK TYPE.
- 0 BITS 6:1 = 1 IS LOOP SELFTEST AND CONDITIONALLY MEMORY DIAGNOSTIC.

ALL UNIMPLEMENTED SWITCH CONFIGURATIONS WILL CAUSE AN ERROR MESSAGE TO BE PRINTED AND CONTROL PASSED TO CONSOLE DIALOGUE ROUTINE.

DETAIL 'A'



WITH COMPONENT SIDE UP
STAMP MODULE HANDLE EDGE
JUST RIGHT OF CENTER SO THAT
STAMP IS VISIBLE WHEN MODULE
IS INSERTED IN BACKPLANE.

REVISION HISTORY		
REV	ECO NUMBER	DATE

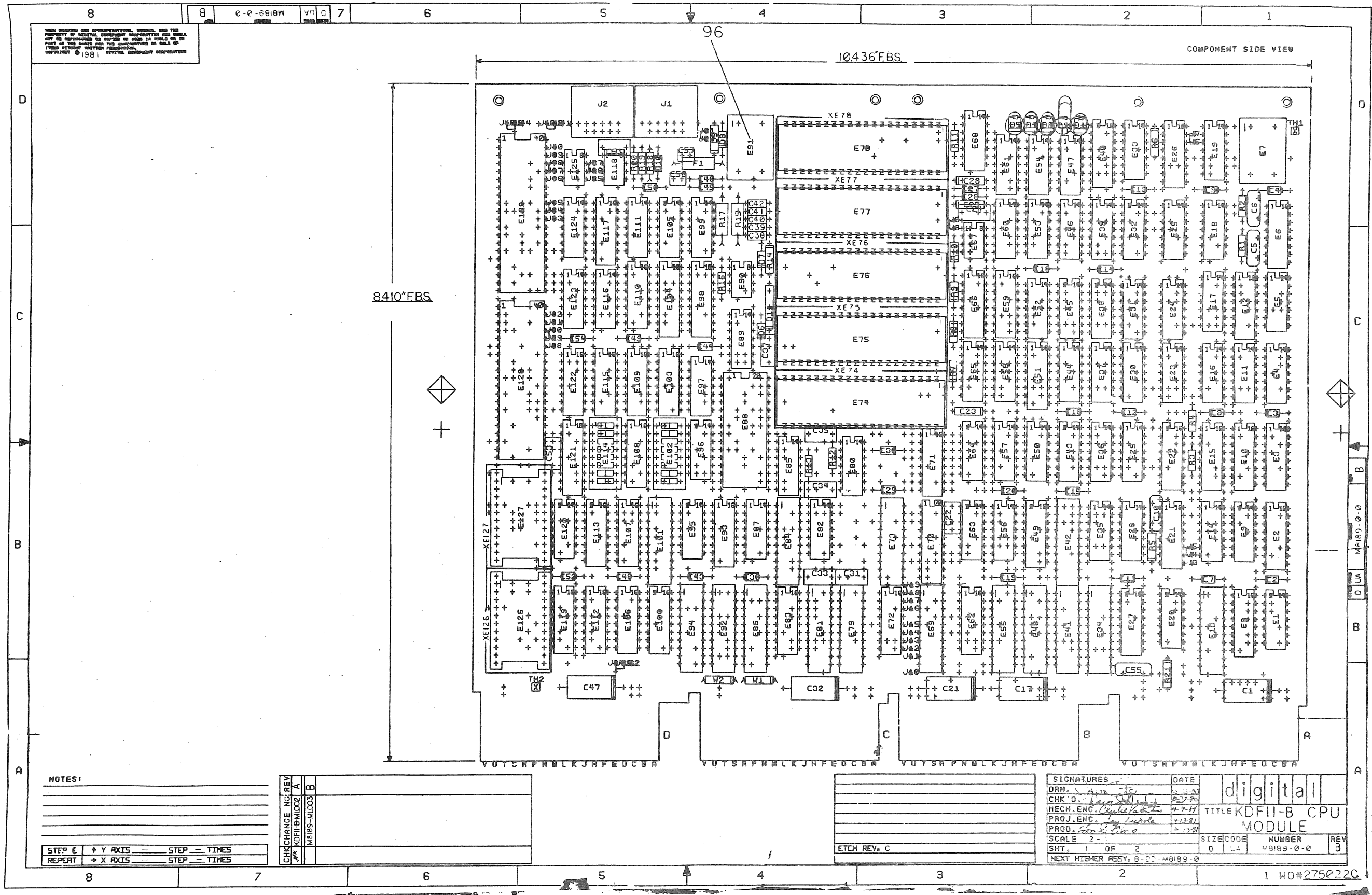
TITLE KDFII-3 CPU
UNIT ASSEMBLY

DOCUMENT NUMBER		
SIZE CODE	NUMBER	REV
DUA	KDFII-B-0	C
SCALE NONE		SHEET 2 OF 3

LINE	ITEM	DOCUMENT	NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION				
						BA	BB	BC	BD	BE
1	1	D-UA-M8189-0-0		M8189-00	KDF11-B QD CPU,Q OR Q22-BUS PDP1	1	1	1	1	1
2	2			2115542-01	DC 304 F11 MMU,FLOAT PT REG	1	1	-	1	1
3	3	C-UA-5700001-0-0		5700001-00	HYBRID ASSY FLOATING POINT	-	1	-	-	-
4	4			23244E2-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
5	5			23245E2-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
6	6	C-UA-H3270-0-0		H3270-00	DLV11-J LOOPBACK TEST PLUG	1	1	1	1	1
7	7	K-PL-KEF11-BB-DBP		KEF11-BB	HYBRID CIS MICROCODE CHIP (HYBRI	-	-	-	1	-
8	8			23339E2-00	E2-04	1	1	1	1	-
9	9			23340E2-00	E2-04,	1	1	1	1	-
10	10			23157E4-00	E4-01,E4-05 ROM	-	-	-	-	1
11	11			23158E4-00	E4-01,E4-05 ROM	-	-	-	-	1

- 12 NOTE: ITEM #6, THE WRAP-AROUND-TEST JUMPER FOR CONNECTOR J2, IS NOT SHOWN ON UA DWG.
- 13 NOTE: FOR BULK INTERPLANT SHIPMENT OF MODULES REFER TO PACKAGING INSTRUCTION A-SP-3700053-0-0
- 14 NOTE: FOR SHIPMENT OF INDIVIDUAL MODULES REFER TO PACKAGING INSTRUCTION A-SP-3700069-0-0
- 15 NOTE: SEE DETAIL "A" AND NOTE 7 (SHEET 2 OF 2) FOR MODULE IDENTIFICATION STAMP.

REVISION HISTORY			BASIC PART NO: KDF11		DRN: P. BROSNIHAN		DATE: 21-JAN-81		D I G I T A L				
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D: G. MARINI		DATE: 27-MAY-81		TITLE PARTS LIST				
	INITIAL	A	SECTION. VARIATION INDEX						KDF11-B CPU UNIT ASSEMBLY				
CV	KDF11-B-ML001	B	[A] BA,BB,BC,BD,BE										
MD	KDF11-B-ML002	C			DES.ENG.: C. VALENTINE		DATE: 21-JAN-81						
			[B]		RESP.ENG.: C. VALENTINE		DATE: 21-JAN-81		DOCUMENT NUMBER				
			[C]										
			[D]		MFG.ENG.: T. OLMO		DATE: 27-APR-81		SIZE CODE NUMBER REV				
			[E]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME: EDIT #				
			[F]		C-UA-KDF11-B-0		#B-DD-KDF11-B		Z2423C.PLS 2				
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CHK HB B3													



NOTES:

STEP	E	Y AXIS	STEP	TIMES
REPEAT		X AXIS	STEP	TIMES

CHKCHANGE NO.	REV.
A1	MD01/MD02 A
	MD189-MD03 B
	</

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00		
1	1	D-MD-5014313-0-0	5014313-00	DRILL AND ETCH FOR M8189	1		
2	2		1000022-00	270.0 MMF 100V 5%200PPM MICA	1		C10
3	3		1000024-00	470.0 MMF 100V 5%200PPM MICA	3		C5,C6,C55
4	4		1001610-00	.01 MFD 50V +80-20% Z5U CER	3		C26,C27,C30
5	5		1012784-00	.047 MFD 50V +80-20% CER	29		C2-C4,C7-C9,C11-C16,C18-C20,C23,C25,C28,C29,C36,C43-C46,C48-C50,C52,C54
6	6		1016681-00	.47 MFD 50V +80-20% CER	14	CONT	C22,C24,C31,C33-C35,C37-C42,C51,C53
7	7		1017472-00	10 MFD 35V +50-10% AL EL	5	CONT	C1,C17,C21,C32,C47
8	8		1011740-02	1800.0 MMF 50V 10% CER	2		C56,C57
9	9		1109977-00	1N 749A VZ= 4.3 5%	1		D9
10	10		1112689-00	LED .8MCD@16MA VF=5V	4		D1,D3-D5
11	11		1114384-00	LED 105MW 35MA GREEN	1		D2
12	12		1100114-00	D 664 QS\75PCB PIV= 25V SP	3		D6-D8
13	13		1110967-00	1N 4005 PIV=600 I= 1A D041 SI	1		D10
14	14		1105508-00	1N 823 VZ= 6.2 5% .40W Y	1		D11
15	15		1213506-04	PCB HEADER 09PIN(2X05).100CC 90D	2		J1,J2
16	16		1215006-06	SKT,IC 24PIN DIP TIN SOLD	2		XE126,XE127
17	17		1216116-00	SKT,IC 40PIN DIP GOLD CARR	5		XE74-XE78
18	18		1210929-02	FUSE, SUB-MINI 1.000A, 125V, A	1		F1
19	19		1211164-04	SW,DIP 08POS/1PST 5VDC100MA F	2		E102,E114
20	20		1213113-01	HANDLE,MODULE,	1		
21	21		1300229-00	100.0 .25 W 5.0 % CF	1		R7
22	22		1300316-00	470.0 .25 W 5.0 % CF	3		R6,R12,R16
23	23		1300365-00	1.0 K .25 W 5.0 % CF	4		R3,R4,R8,R11
24	24		1300488-00	12.0 K .25 W 5.0 % CF	2		R19,R20
25	25		1301322-00	180.0 .25 W 5.0 % CF	1		R13
26	26		1301808-00	22.0 K .25 W 5.0 % CF	1		R18
27	27		1302177-00	47.0 K .25 W 5.0 % CF	2		R1,R2

REVISION HISTORY		BASIC PART NO: M8189		DRN: R. BUREAU		DATE: 11-JUL-80		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D:	BOB BARILONE	DATE:	11-JUL-80	TITLE PARTS LIST	
SC	INITIAL M8189-ML002	A B	SECTION VARIATION INDEX [A] 00 [B] [C] [D] [E] [F] [H] [J] [K] [L] [M] [N]	DES.ENG:	C.A. VALENTINE	DATE:	14-APR-81	KDF11-B CPU MODULE	
				RESP.ENG.:	JAY NICHOLS	DATE:	14-APR-81	DOCUMENT NUMBER	
				MFG.ENG.:	TOMAS OLMO	DATE:	14-APR-81	SIZE: K	CODE: PL
				ASSEMBLY NUMBER:	D-UA-M8189-0-0	TOP DOCUMENT NUMBER:	B-DD-M8189-0-0	NUMBER: M8189-0-DBP	REV: B
				FILE NAME:		Z1037B.PLS		EDIT #: 18	
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LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
28	28		1302602-00	56.0 .25 W 5.0 % CF	1	R5
29	29		1309422-00	5.10 .25 W 5.0 % CF	2	R9,R10
30	30		1311003-01	R NETWORK 14-180 14-390 16PIN	3	E8,E27,E62
31	31		1301320-00	1.20 K .25 W 5.0 % CF	1	R21
32	32		1300005-03	R NETWORK 13-10K 5.0 % 14PIN	1	E123
33	33		1300005-07	R NETWORK 15-4.7K 5.0 % 16PIN	3	E72,E108,E122
34	34		1300228-00	100.0 .50 W 5.0 % CF	2	R15,R17
35	35		1303178-00	620.0 .25 W 5.0 % CF	1	R14
36	36		1811660-02	OSCILLATOR, XTAL 5.0688 MHZ	1	E91
37	37		1811660-20	OSCILLATOR, XTAL 26.666 MHZ	1	E7
38	38		1910544-00	74S74 FF-D DUAL,EDGE TRIGG	8	E17,E19,E29,E30,E36,E38,E43,E50
39	39		1910548-00	74S157 MUX 1 OF 2 (QUAD)	1	E15
40	40		1910550-00	74S174 FF-D HEX	5	E3,E10,E21,E26,E51
41	41		1910957-00	74S175 FF-D QUAD COMMON CLO	4	E12,E22,E40,E59
42	42		1911117-00	*** THIS ITEM IS NOT USED ***	-	
43	43		1911469-00	DEC 8640 RECEIVER,BUS,QUAD,U	3	E1,E20,E63
44	44		1909705-00	DEC 8881 NAND GATE-QUAD 2IN 0	1	E9
45	45		1911675-00	74S138 DECODER/DEMUX 3-8 LI	1	E66
46	46		1911712-00	74S51 AND-OR GATE-INVERT D	1	E45
47	47		1912098-00	0026 DRIVER,MOS CLOCK,2	1	E90
48	48		1912388-00	74S02 NOR GATE-QUAD 2IN,PO	3	E37,E52,E56
49	49		1912389-00	74S08 AND GATE-QUAD 2IN,PO	4	E11,E28,E39,E96
50	50		1912647-00	LS257 MUX 1 OF 2 (QUAD)	6	E83,E100,E106,E110,E113,E119
51	51		1912649-00	LS75 LATCH 4BIT,BISTABLE	1	E49
52	52		1912697-00	LS174 FF-D HEX W/CLEAR	3	E93,E107,E112
53	53		1912730-00	DC 003 INTERRUPT,2 CIRCUIT	2	E98,E104
54	54		1912746-00	DEC 74S37 NAND GATE-QUAD 2IN	1	E61
55	55		1912801-00	LS02 NOR-GATE-QUAD 2IN	1	E85
56	56		1912803-00	LS04 INVERTER GATE,HEX	1	E89
57	57		1912804-00	LS05 INVERTER GATE-HEX 1I	2	E82,E87
58	58		1912805-00	LS08 AND GATE-QUAD 2IN,PO	1	E65
59	59		1912807-00	LS10 NAND GATE-TRIPLE 3IN	2	E25,E95
60	60		1912808-00	LS11 AND GATE-TRIPLE 3IN	1	E14
61	61		1912810-00	LS20 NAND GATE-DUAL 4IN	2	E53,E60
62	62		1912816-00	LS32 OR GATE-QUAD 2IN,POS	2	E120,E124
63	63		1912824-00	LS74 FF-D DUAL,EDGE TRIGG	4	E5,E80,E111,E64
64	64		1912846-00	LS155 DECODER,2 OF 4(DUAL)	3	E103,E109,E115
65	65		1912853-00	LS175 FF-D QUAD	1	E117
66	66		1912857-00	LS197 COUNTER,BINARY,PRESET	1	E105
67	67		1912858-00	LS221 ONE SHOT-DUAL,SCHMIT	1	E6
68	68		1912863-00	LS273 FF-D OCTAL W/CLEAR	1	E86
69	69		1912868-00	LS299 SHIFT REG. 8-BIT UNI	2	E92,E101
70	70		1913340-00	74S32 OR GATE-QUAD 2IN	4	E4,E44,E97,E116
71	71		1913462-00	74S240 OCTAL BUFFER,INVERTI	3	E42,E73,E79
72	72		1913671-00	74S374 FF-D OCTAL TRISTATE	1	E70
73	73		1913777-00	LS240 DRIVER,LINE,OCTAL,T	1	E94
74	74		1914085-00	74S260 NOR GATE-DUAL,POS	1	E23
75	75		1915218-00	LS245 TRANSCEIVER,BUS,OCT	2	E81,E84

D	I	G	I	T	A	L	TITLE	KDF11-B CPU MODULE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	M8189-0-DBP	B

AUTOMATED BY PRTLST.3P(44)

PARTS LIST

SHEET A3 OF A3

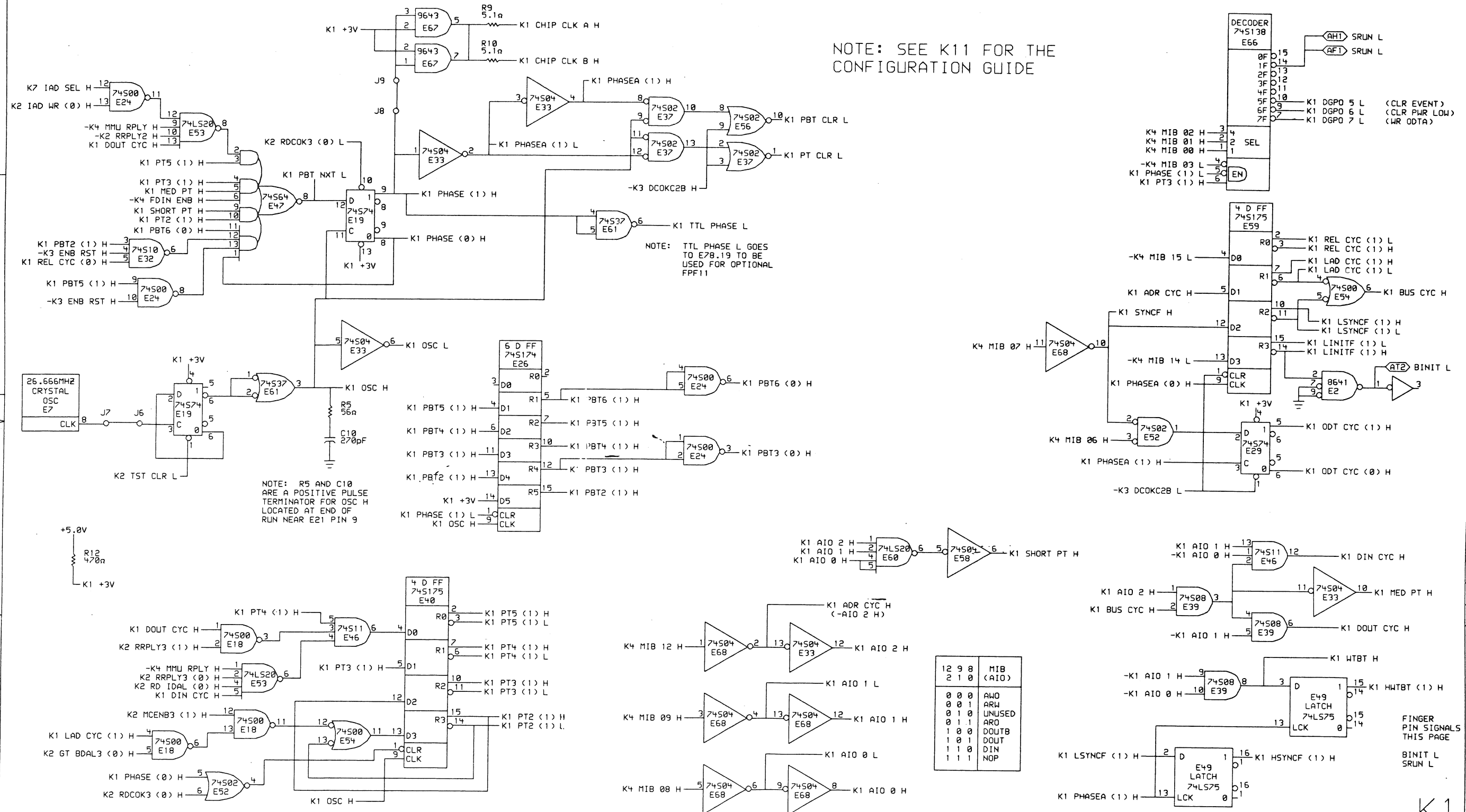
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
76	76		1915305-00	AM 2908 TRANSCEIVER,BUS,LATCH	6	E13,E34,E41,E48,E55,E69
77	77		1915415-00	9636 DRIVER,DUAL,EIA RS-	1	E118
78	78		1915416-00	9637 RECEIVER,DUAL,RS-42	1	E125
79	79		1916028-01	9643 DRIVER,TTL TO MOS,D	1	E67
80	80		1910532-00	74S00 NAND GATE-QUAD 2IN	6	E16,E18,E24,E31,E35,E54
81	81		1910534-00	74S04 INVERTER GATE-HEX 1I	4	E33,E58,E68,E99
82	82		1910535-00	74S05 INVERTER GATE-HEX 1	1	E57
83	83		1910536-00	74S10 NAND GATE-TRIPLE 3IN	1	E32
84	84		1910537-00	74S11 AND GATE-TRIPLE 3INP	1	E46
85	85		1910542-00	74S64 A-0-I GATE 4-2-3-2	1	E47
86	87		2112623-00	DUAL BAUD RATE GEN/PROG DIVIDER,	1	E121
87	88		2113937-01	6402-1 UART,UNIV.,ASYNCHRO	2	E128,E129
88	91		23061C6-00	C6-01	1	E88
89	92		5700000-01	DAT/CTL HYBRID ASSY W/FP,DCF11-A	1	E75
90	93		9009149-00	PIN,STAKNG 0.0250DX0.345LG SQUAR	44	J3-J46
91	94		9009185-00	JUMPER, WIRE, INSULATED, BLACK B	2	W1,W2
92	95		9000024-01	EYELET,ROLLED 0.1210DX0.192	6	
93	96		9010213-01	SPACER,DUAL IN-LINE NYLN .450	1	
94	97		1218783-00	JUMPER 02POS(1X02).100CC	12	
95	98		1911579-00	8641 TRANSCEIVER,BUS,QUA	1	E2

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							KDF11-B CPU MODULE		K	PL	M8189-0-DBP	B

BASE TIMING - MCLK CTL

MIB DECODE LOGIC

NOTE: SEE K11 FOR THE CONFIGURATION GUIDE



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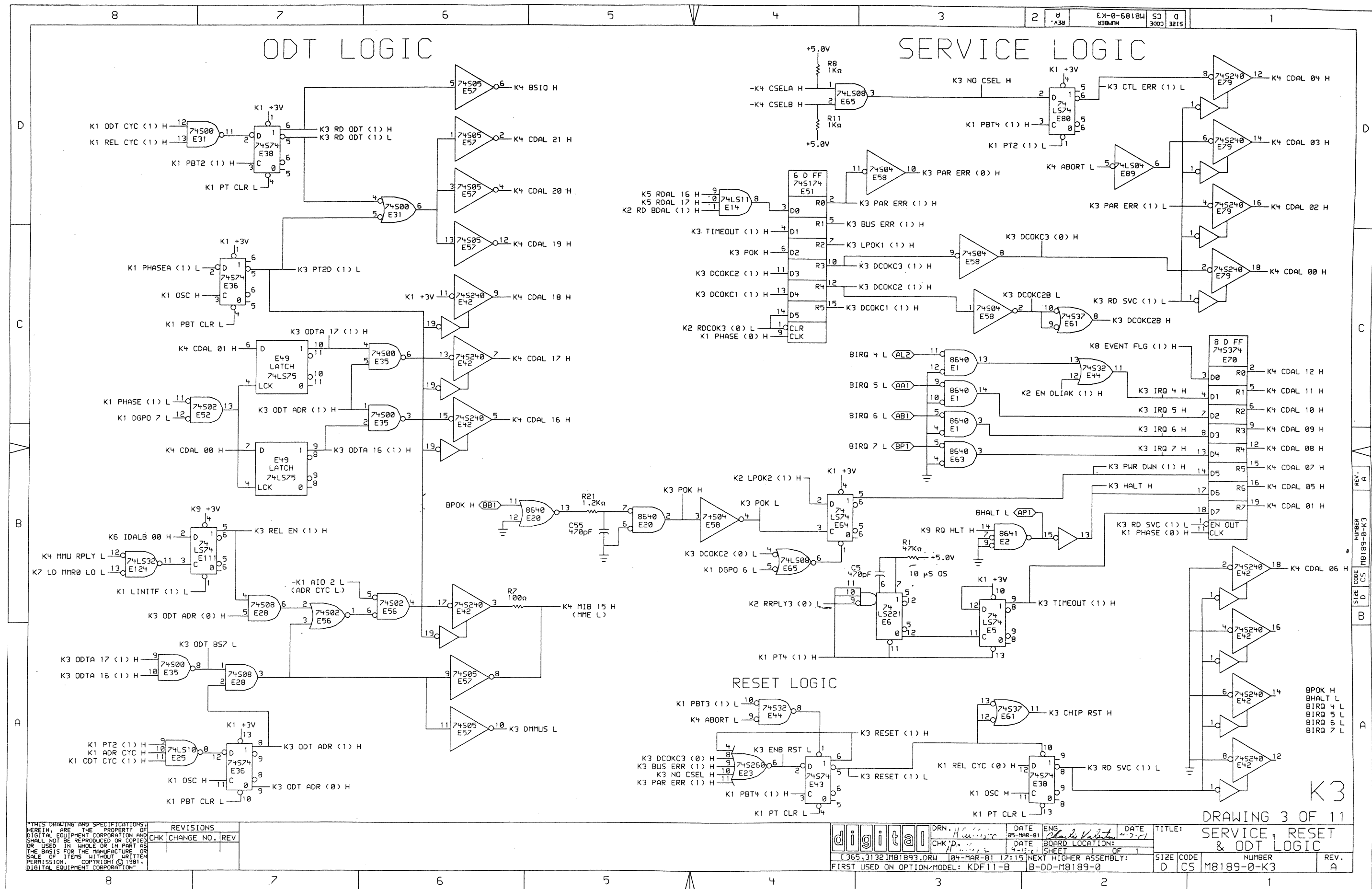
REVISIONS	CHK	CHANGE NO.	REV

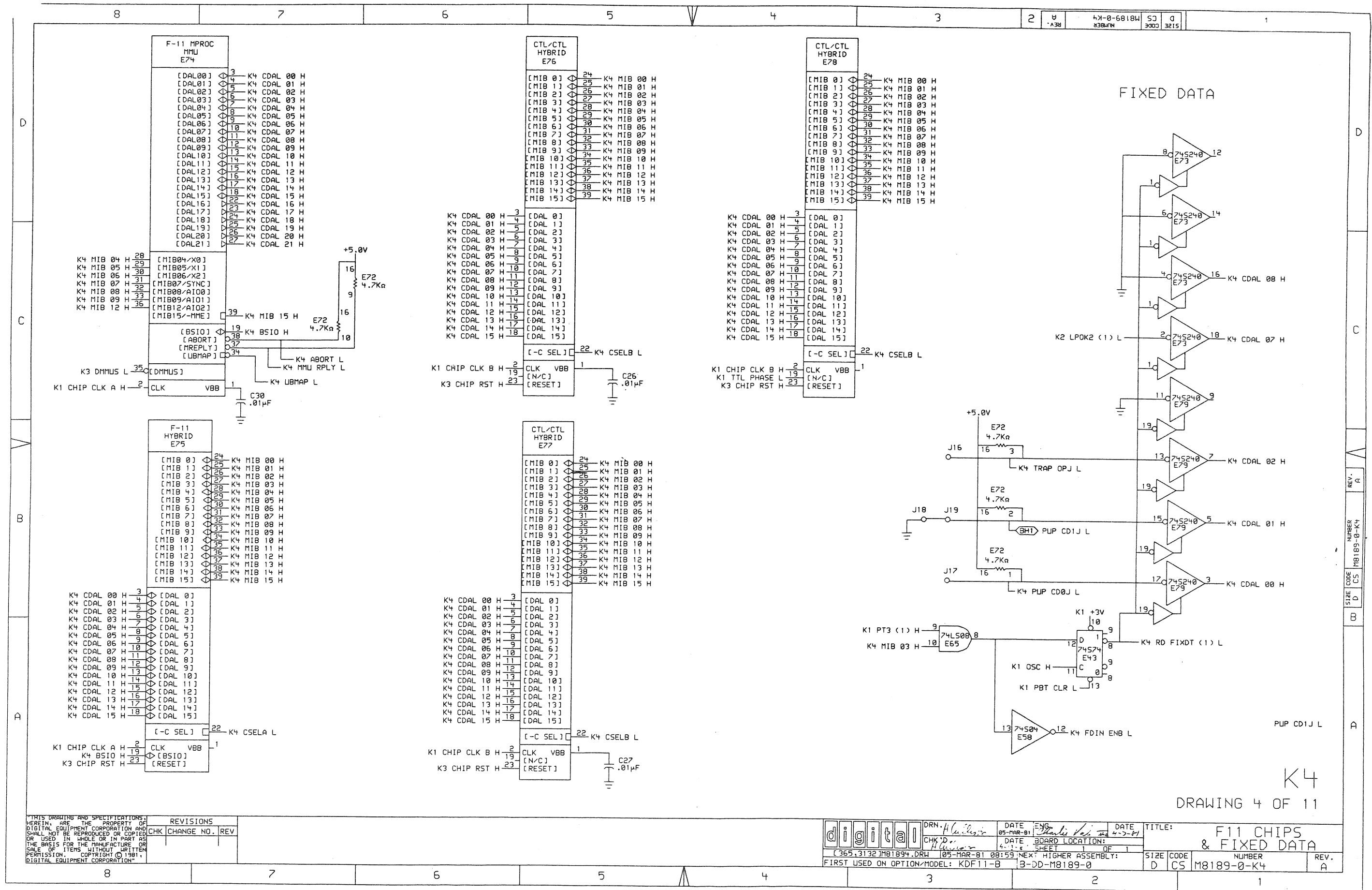
digital	DRN. H. J. H. DATE 05-MAR-81	DATE 4-7-81	TITLE: TIMING LOGIC & MIB DECODE
CHK'D. H. J. H. DATE 4-13-81	BOARD LOCATION: 1 OF 1	SHEET 1 OF 1	SIZE CODE NUMBER REV. D CS M8189-0-K1 A
FIRST USED ON OPTION/MODEL: KDF11-B B-DD-M8189-0			

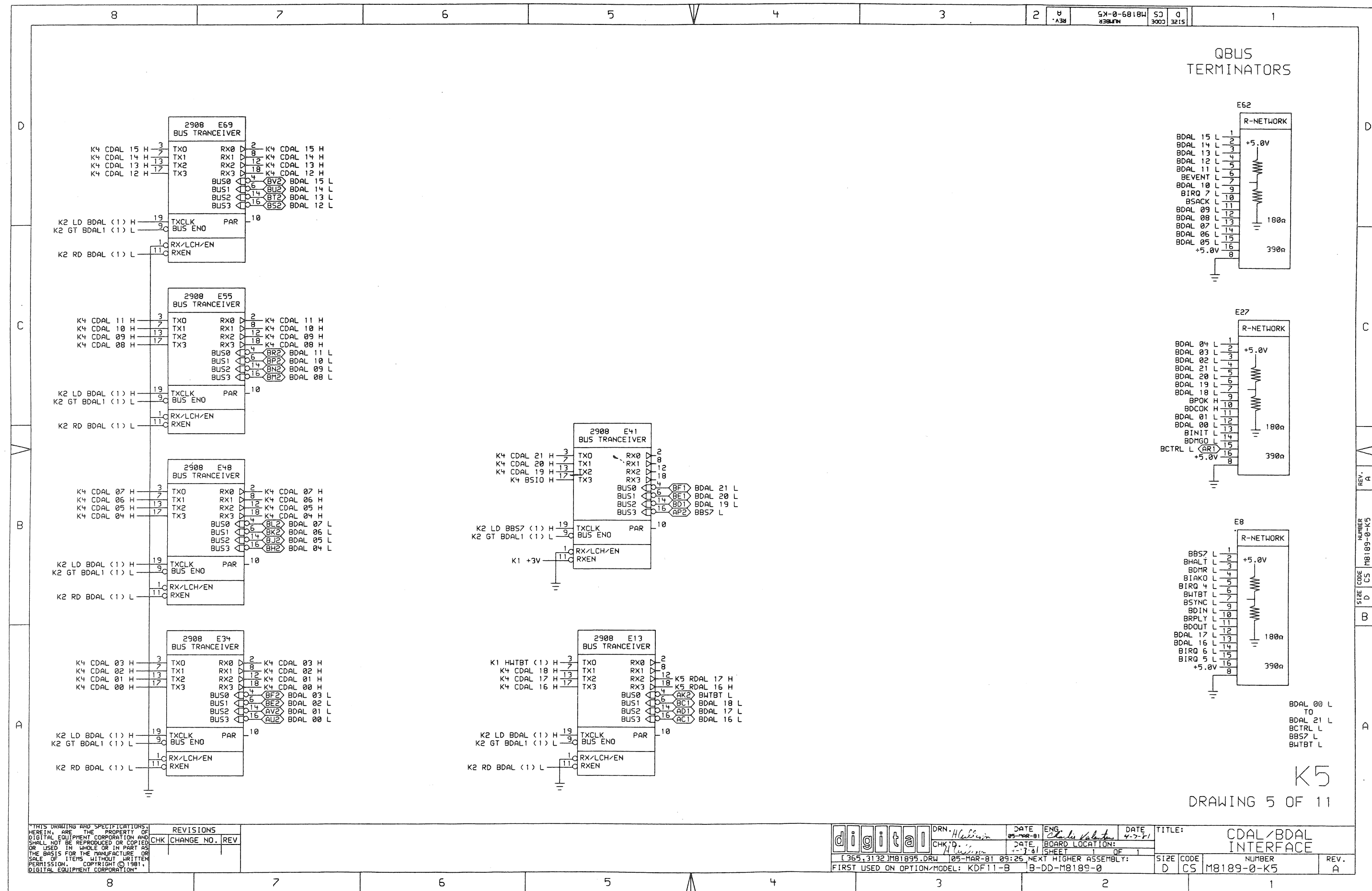
DRAWING 1 OF 11

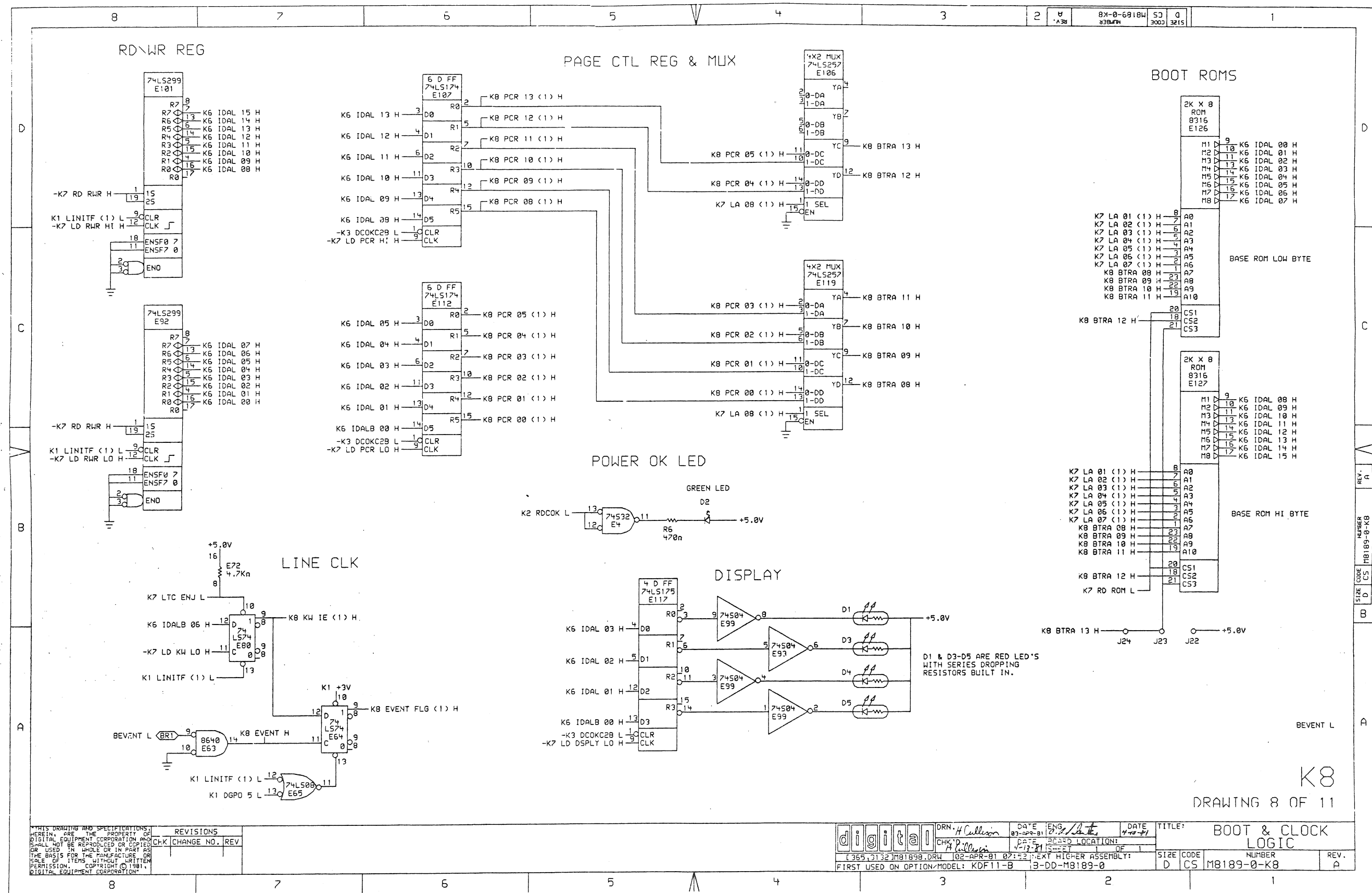
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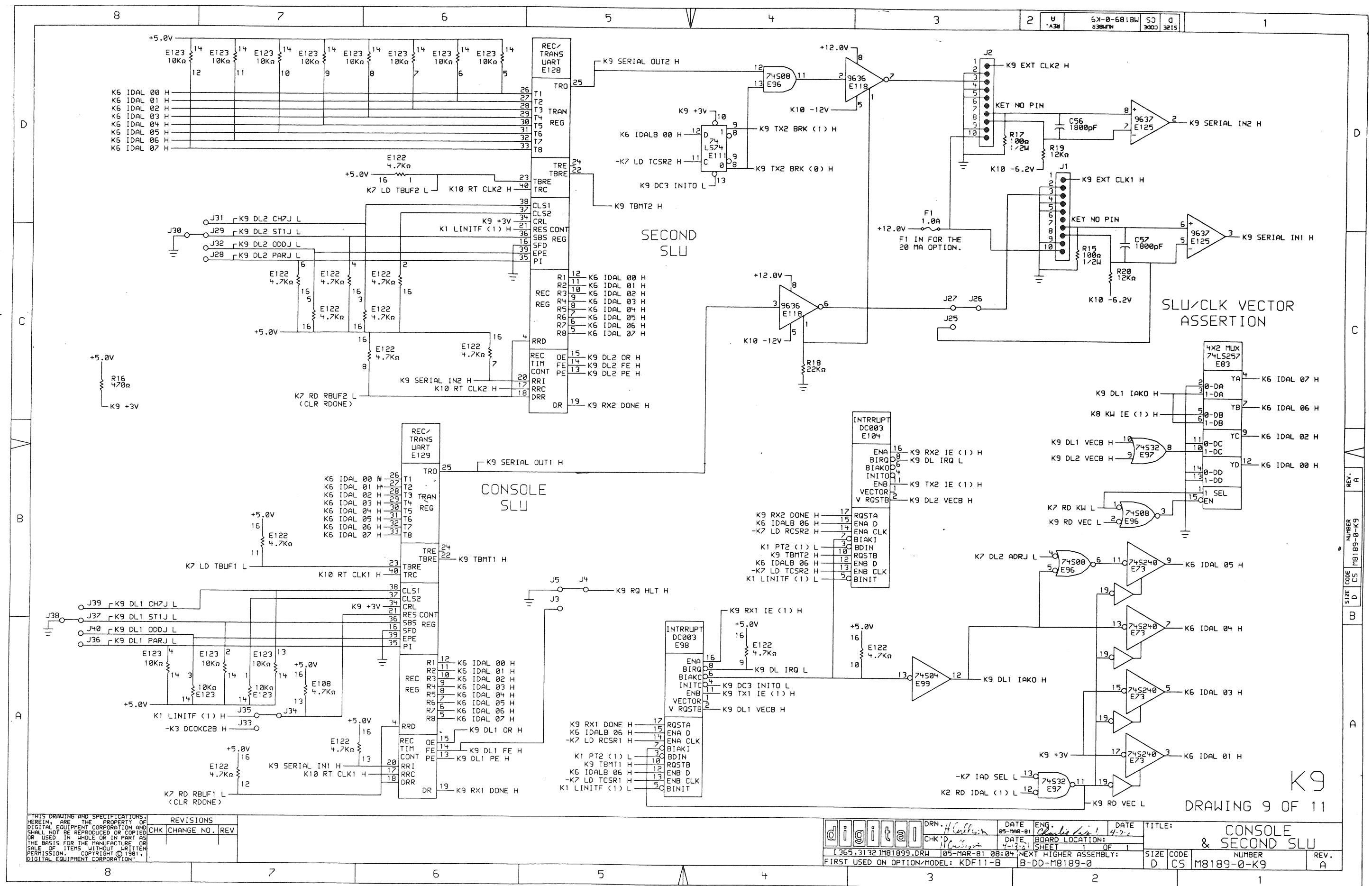
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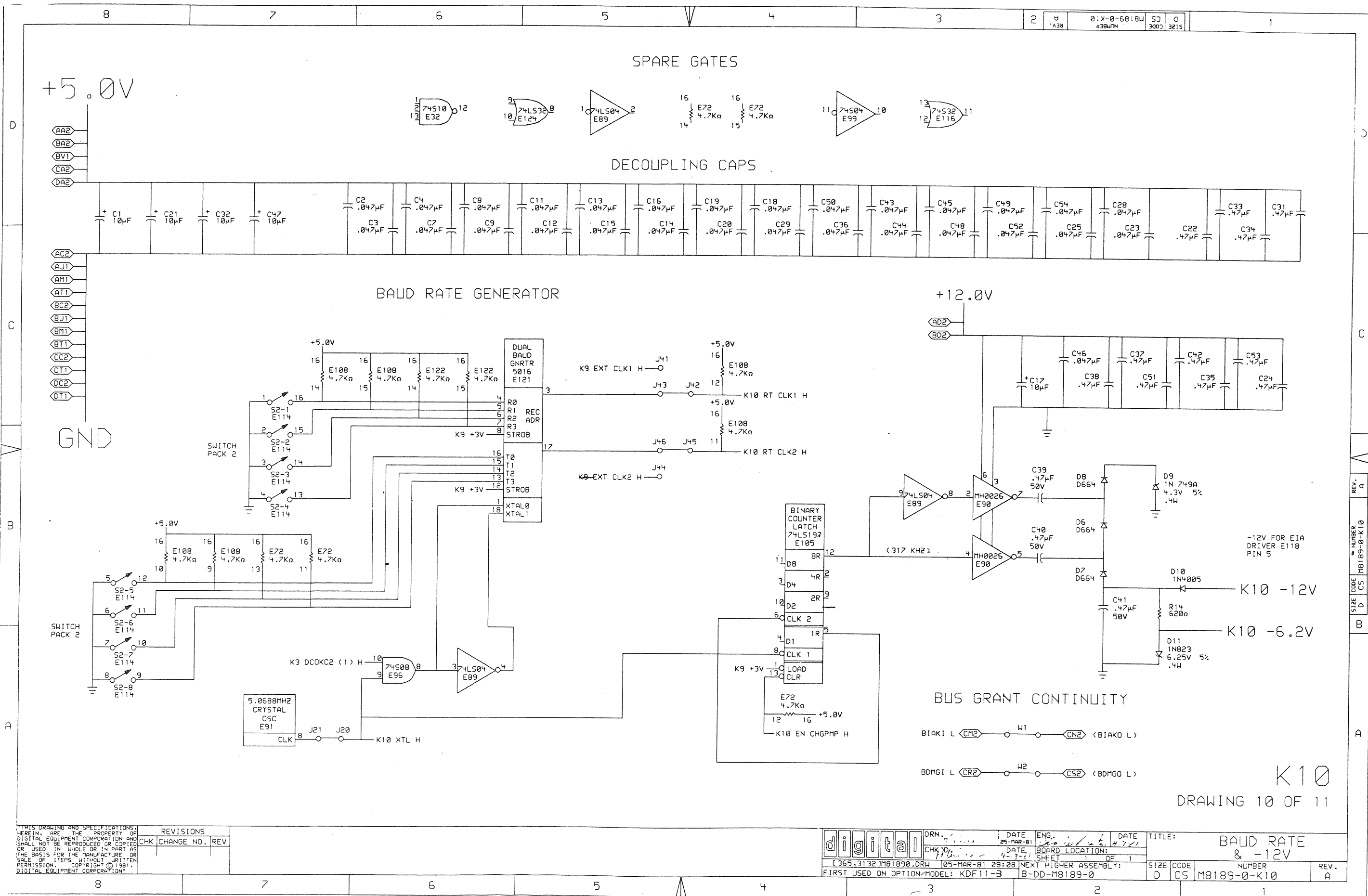


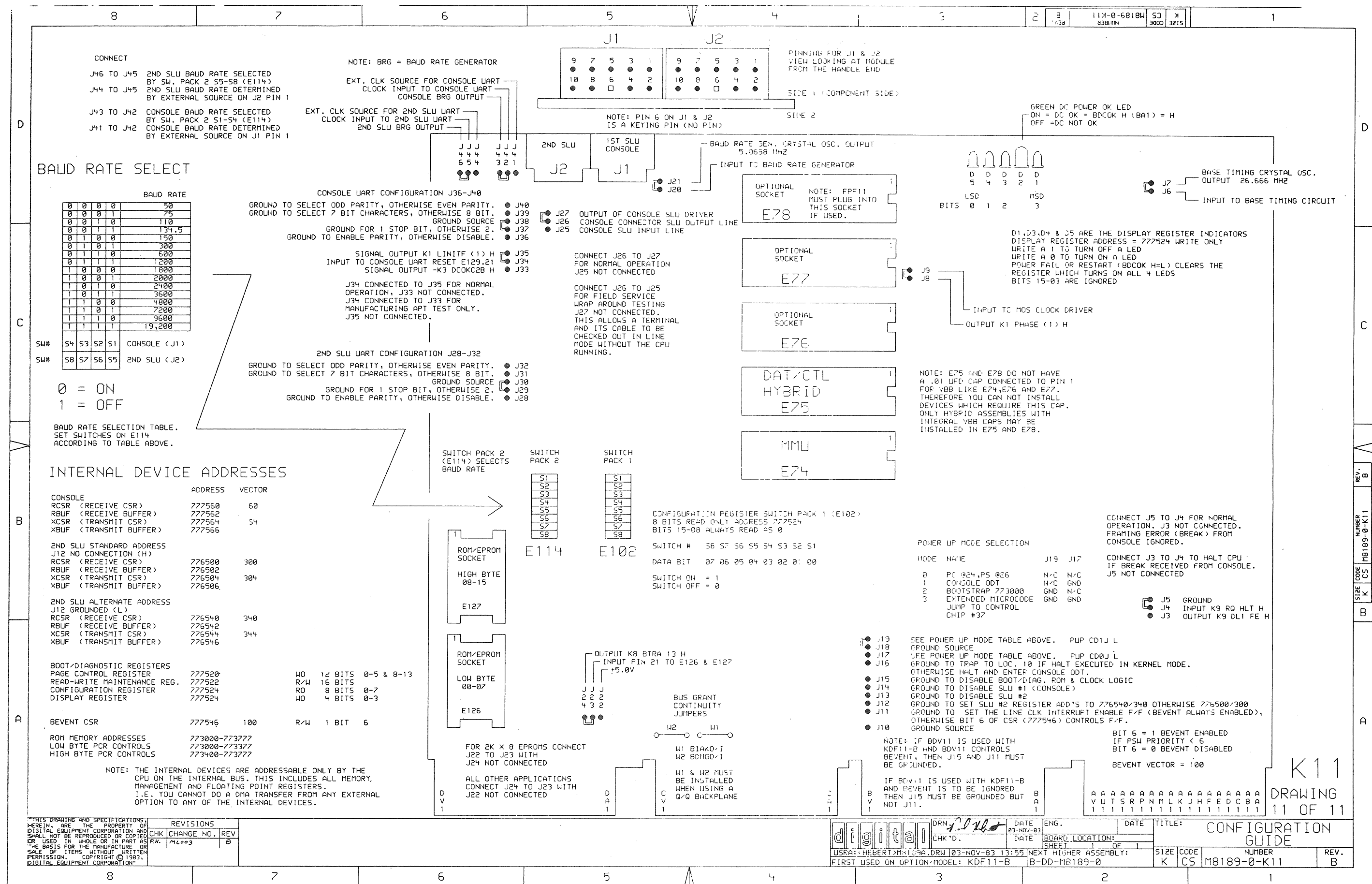












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