

DWM7098-0 E

3

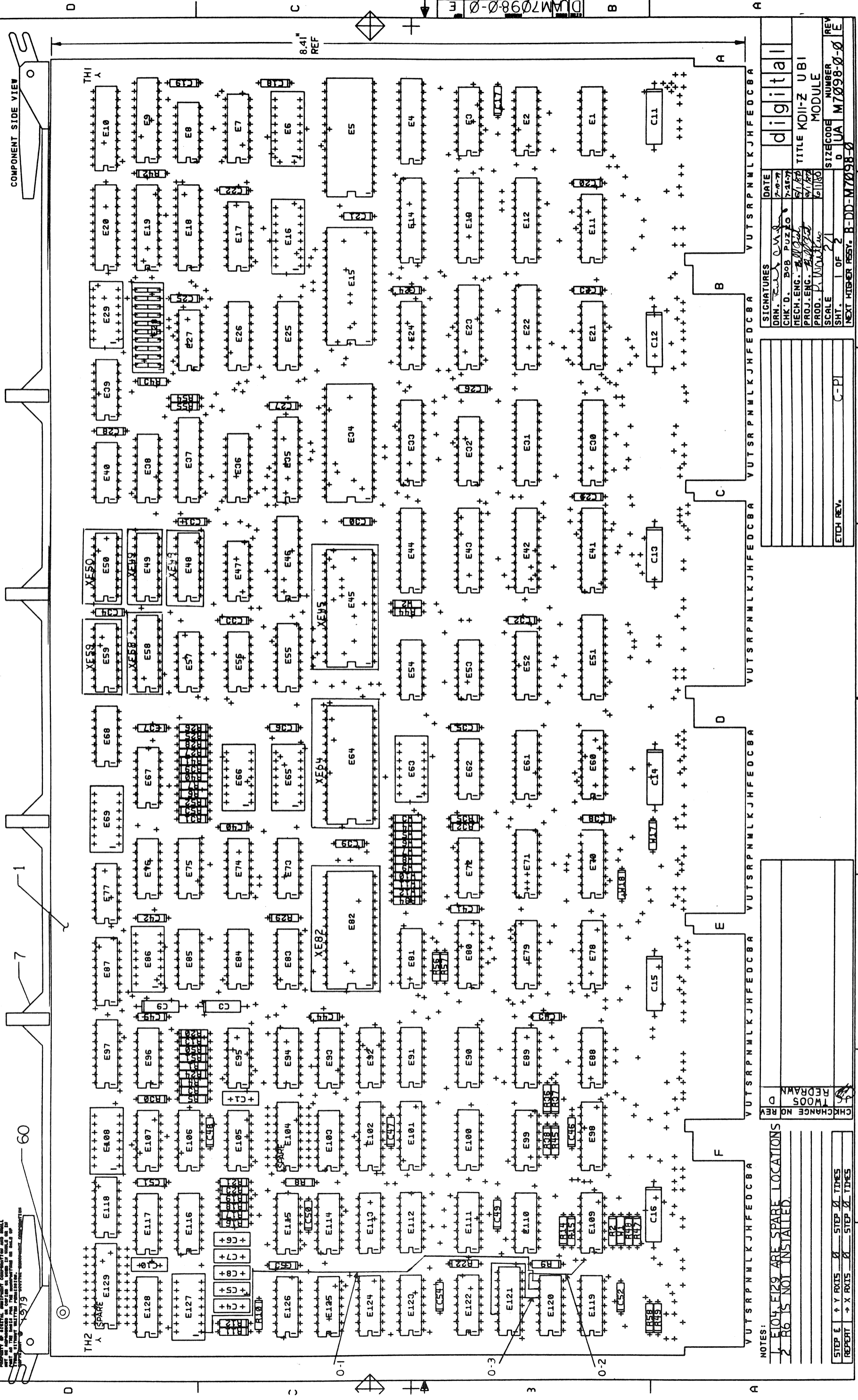
4

5

6

7

8



THESE PARTS ARE NOT TO BE INSTALLED ON THIS BOARD UNLESS SPECIFICALLY NOTED IN THE PART LIST. THE MANUFACTURER OF THIS BOARD IS RESPONSIBLE FOR THE PARTS LIST.

COMPONENT SIDE VIEW

DATE: 7-10-77

DRN.: C.V.A.

CHK'D.: BOB PUZZO

MECH. ENG.: BOB PUZZO

PROJ. ENG.: BOB PUZZO

PROD. DRAWING: G. W. ROSS

TITLE: KDI-Z UBI MODULE

SIZE CODE: UA

NUMBER: M7098-0 E

REV: 1

SCALE: 1 OF 2

SHT.: 2

NEXT HIGHER REV.: B-DD-M7098-0

VUTSRPNMLKJHFEDCBA

VUTSRPNMLKJHFEDCBA

VUTSRPNMLKJHFEDCBA

VUTSRPNMLKJHFEDCBA

VUTSRPNMLKJHFEDCBA

VUTSRPNMLKJHFEDCBA

VUTSRPNMLKJHFEDCBA

VUTSRPNMLKJHFEDCBA

VUTSRPNMLKJHFEDCBA

VUTSRPNMLKJHFEDCBA

CHECK NO. REV. 0

PREPARED BY: [Signature]

DESIGNED BY: [Signature]

DATE: [Date]

NOTES:

1. E104, E129 ARE SPARE LOCATIONS

2. R6 IS NOT INSTALLED

STEP X → Y AXIS 0 STEP 2 TIMES

REPORT → X AXIS 0 STEP 2 TIMES

1 MS#171937

2

3

4

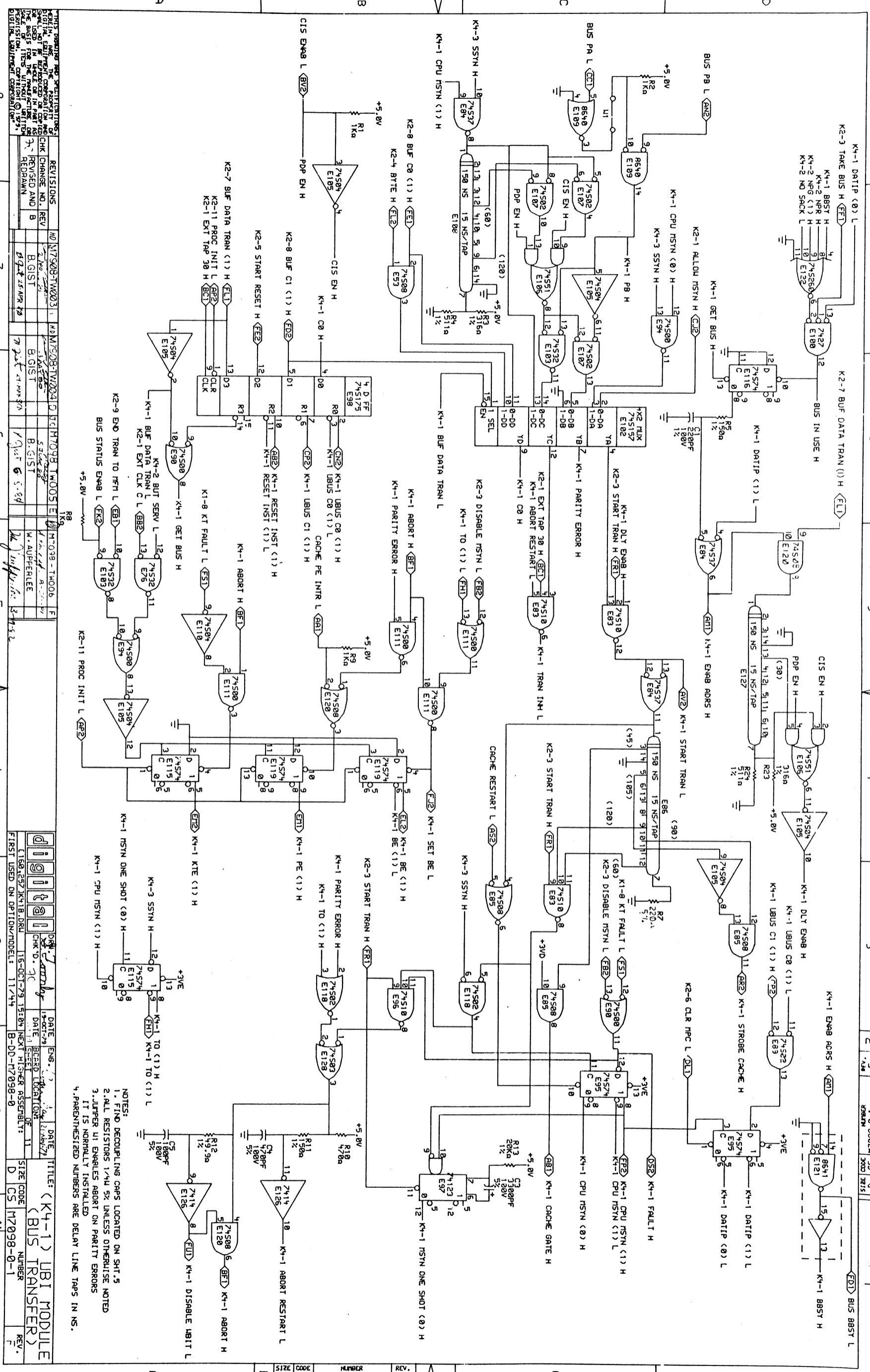
5

6

7

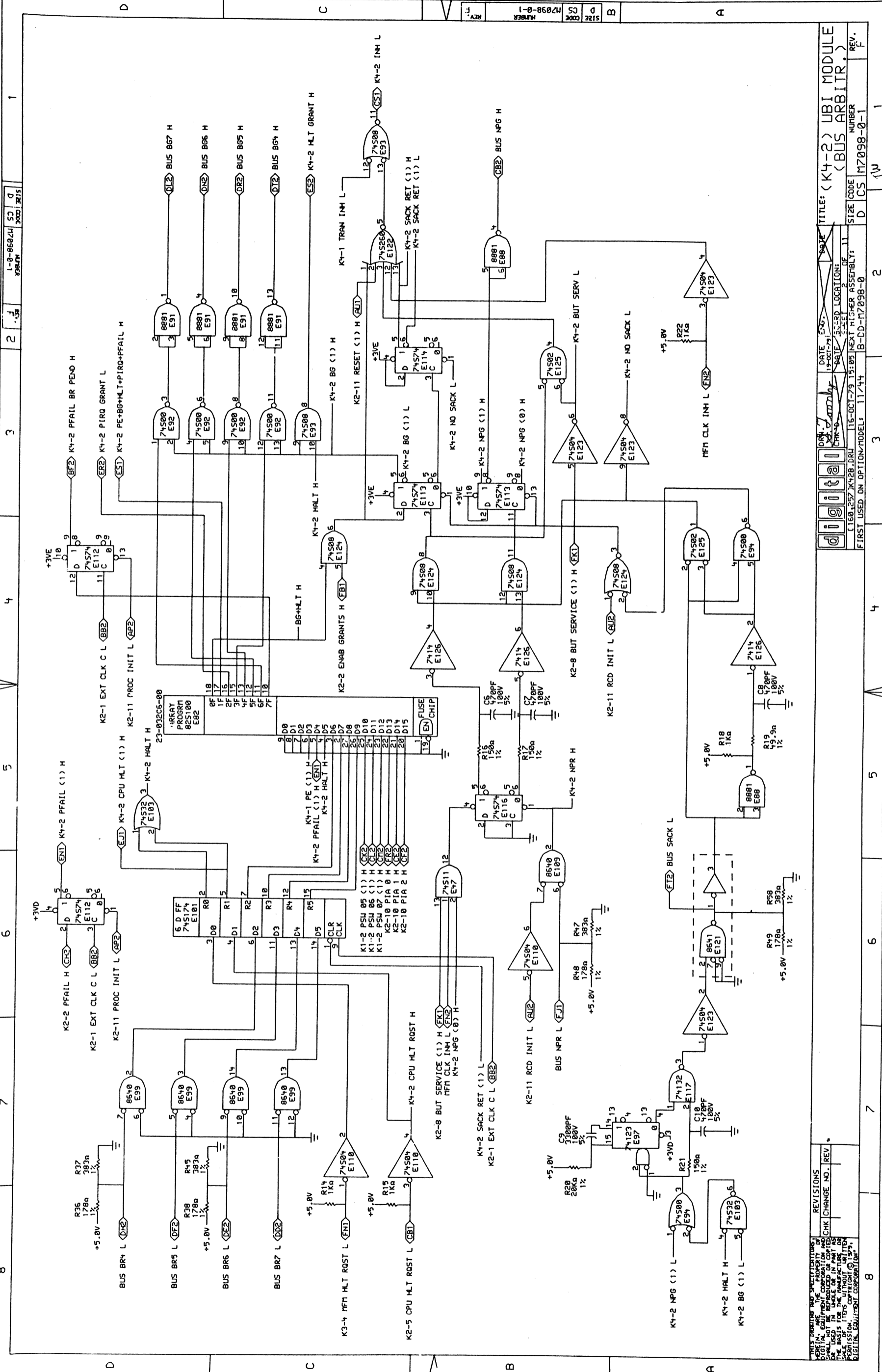
8

DWM7098-0 E



REV. L	NUMBER	DATE	BY	DESCRIPTION
1	1-0-8604/1	11-27-79	W. ADP/PER/LEE	INITIAL RELEASE
2	1-0-8604/2	12-10-79	W. ADP/PER/LEE	REVISIONS
3	1-0-8604/3	01-08-80	W. ADP/PER/LEE	REVISIONS
4	1-0-8604/4	02-27-80	W. ADP/PER/LEE	REVISIONS
5	1-0-8604/5	03-14-80	W. ADP/PER/LEE	REVISIONS
6	1-0-8604/6	04-01-80	W. ADP/PER/LEE	REVISIONS
7	1-0-8604/7	04-24-80	W. ADP/PER/LEE	REVISIONS
8	1-0-8604/8	05-01-80	W. ADP/PER/LEE	REVISIONS

1-0-8604/1  
 1-0-8604/2  
 1-0-8604/3  
 1-0-8604/4  
 1-0-8604/5  
 1-0-8604/6  
 1-0-8604/7  
 1-0-8604/8



8	7	6	5	4	3	2	1
SIZE	CS	CS	CS	CS	CS	CS	CS
178a	178a	178a	178a	178a	178a	178a	178a
383a	383a	383a	383a	383a	383a	383a	383a

REV	SIZE	CS	CS	CS	CS
F	D	D	D	D	D
1	17098-0-1	17098-0-1	17098-0-1	17098-0-1	17098-0-1

**REVOLUTIONS**

REV.	CHANGE NO.

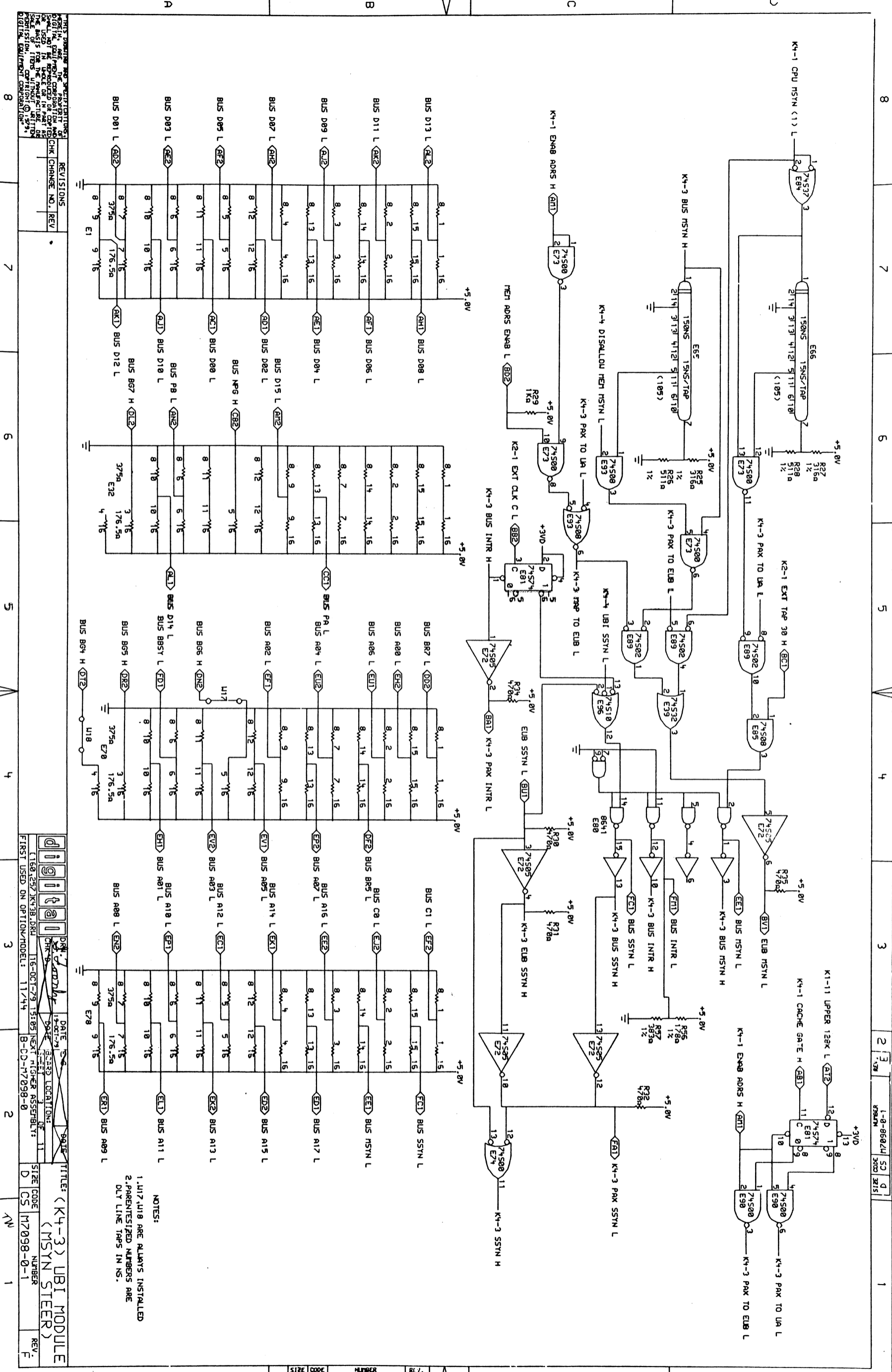
**REVISIONS**

DATE ENG. 19-OCT-79  
 DATE 30-SEP-80  
 CHECKED LOCATION: 11  
 OF 11

**TITLE: (K4-2) UBI MODULE (BUS ARBITR.)**

SIZE CODE D CS 17098-0-1  
 NUMBER D CS 17098-0-1  
 REV. F

FIRST USED ON OPTION MODEL: 11/74  
 B-DD-17098-0



REV.	NO.	DATE	BY	CHKD.	DESCRIPTION
1	1	10-1-79	...	...	...
2	1	11-17-79	...	...	...
3	1	11-17-79	...	...	...
4	1	11-17-79	...	...	...
5	1	11-17-79	...	...	...
6	1	11-17-79	...	...	...
7	1	11-17-79	...	...	...
8	1	11-17-79	...	...	...

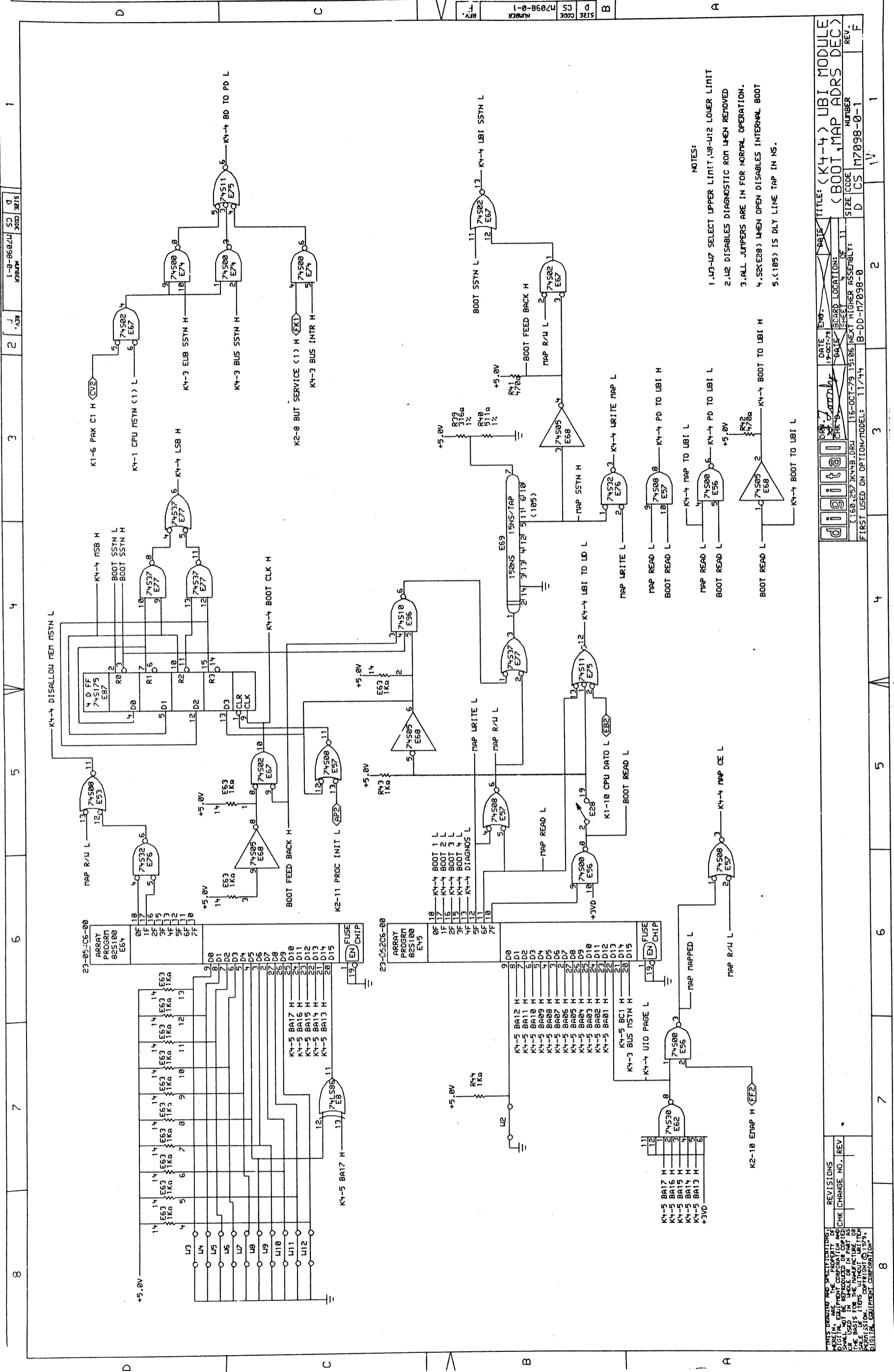
**NOTES:**  
 1. U17, U18 ARE ALWAYS INSTALLED  
 2. PARENTESIZED NUMBERS ARE  
 DLY LINE TAPS IN US.

**REVISIONS**  
 REVISION NO. REV.

**DATE** 10-1-79  
**BY** ...  
**CHKD.** ...  
**DESCRIPTION** ...

**TITLE:** (K4-3) UBI MODULE  
**(NSTN STEER)**

**SIZE CODE** D  
**CS** CS  
**NUMBER** M7098-0-1  
**REV.** F



- NOTES:
1. U3-U7 SELECT UPPER LIMIT, U8-U12 LOWER LIMIT
  2. U2 DISABLES DIAGNOSTIC ROM WHEN REMOVED
  3. ALL JUMPERS ARE IN FOR NORMAL OPERATION.
  4. S2K(E28) WHEN OPEN DISABLES INTERNAL BOOT
  5. <105> IS DLY LINE TRAP IN NS.

DATE	19-OCT-79
CHK	CHK 8
REV	1
SIZE	D
CODE	CS
NUMBER	M7098-0-1

FIRST USED ON OPTION MODEL: 11/74 B-DD-M7098-0

DATE	19-OCT-79
CHK	CHK 8
REV	1
SIZE	D
CODE	CS
NUMBER	M7098-0-1

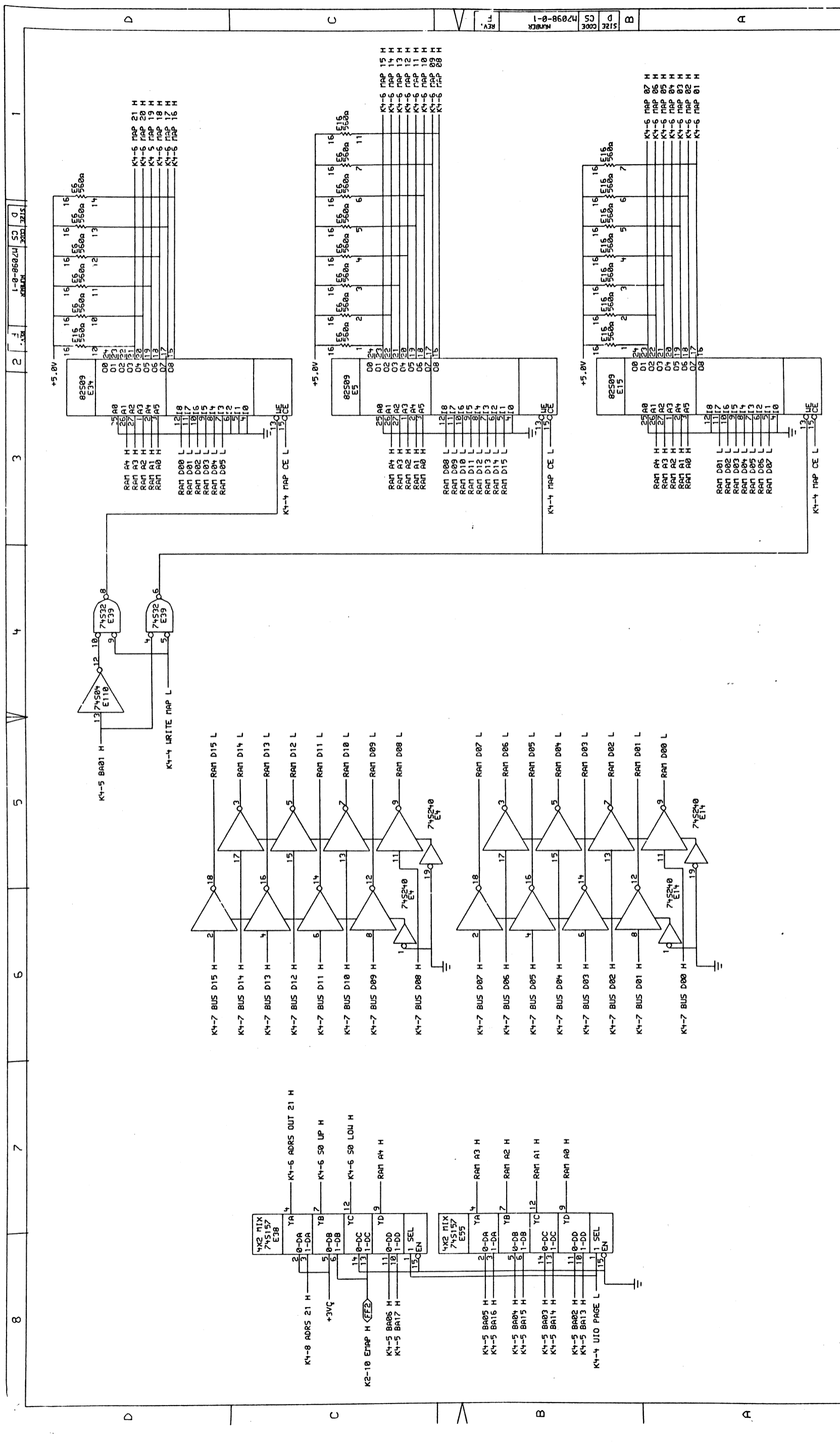
FIRST USED ON OPTION MODEL: 11/74 B-DD-M7098-0

THIS DRAWING AND SPECIFICATIONS ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION. NO PARTS, EQUIPMENT, OR INFORMATION SHALL BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF DIGITAL EQUIPMENT CORPORATION.

REVISIONS

REV	CHANGE NO.
1	

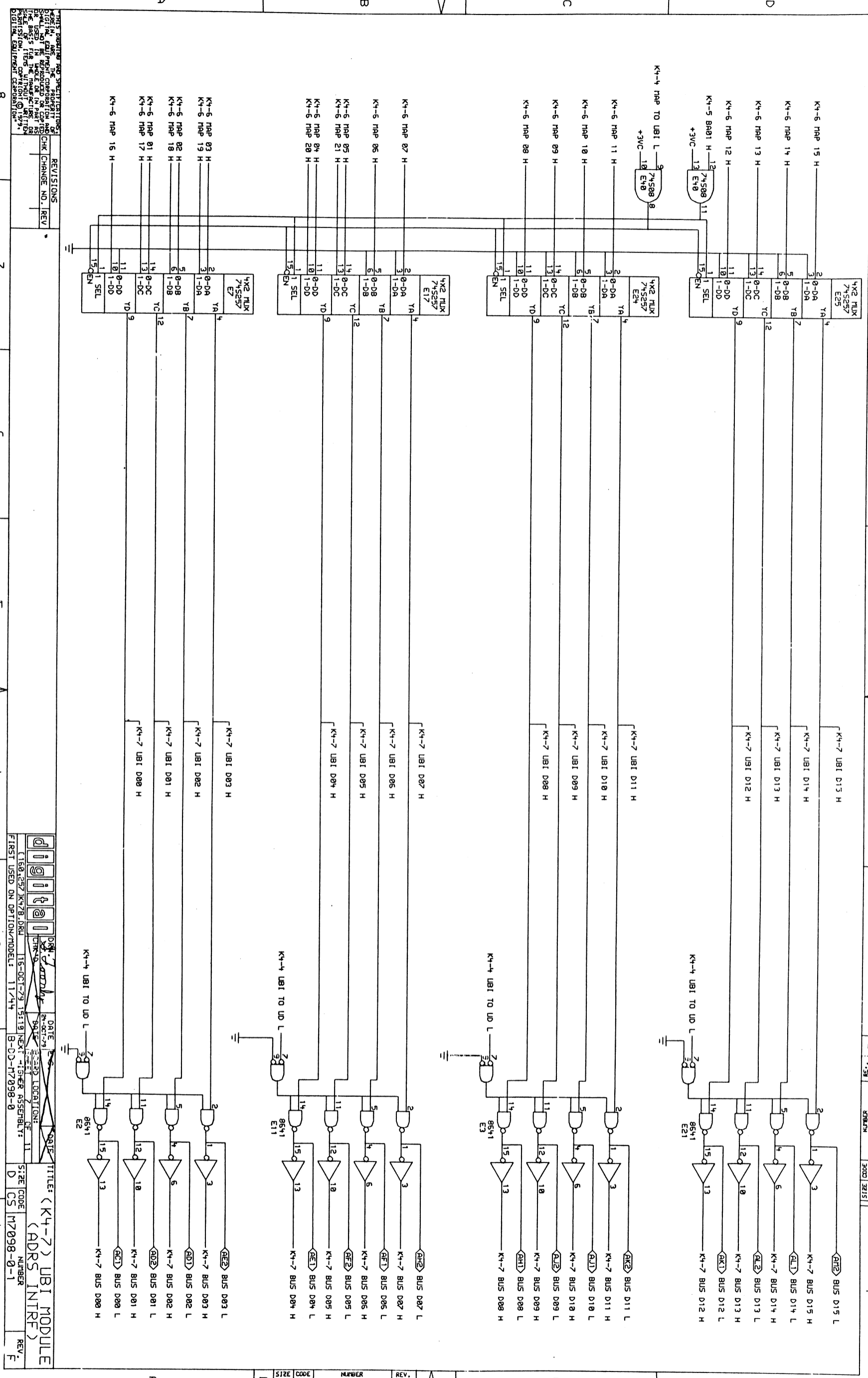




DATE: 11/14/88		REV: 1	
DRAWN: [Signature]		CHECKED: [Signature]	
DESIGNED: [Signature]		TESTED: [Signature]	
CIRCUIT: 2527 K4-6 DBL		NEXT HIGHER ASSEMBLY: B-DD-17098-0	
FIRST USED ON OPTION MODEL: 11/44		NUMBER: 1	
TITLE: (K4-6) UBI MODULE (MAP REG)		SIZE CODE: D CS M7098-0-1	
REVISIONS:		REV: F	
1. [Blank]		2. [Blank]	
3. [Blank]		4. [Blank]	
5. [Blank]		6. [Blank]	
7. [Blank]		8. [Blank]	

1 2 3 4 5 6 7 8

REV. F  
NUMBER 17098-0-1  
SIZE CODE D CS



THIS DRAWING AND SPECIFICATIONS ARE THE PROPERTY OF THE COMPANY AND SHOULD BE KEPT IN CONFIDENCE. IT IS TO BE USED IN THE MANUFACTURE AND REPAIR OF THE EQUIPMENT IDENTIFIED HEREIN AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. WITHOUT PERMISSION IN WRITING FROM THE COMPANY.

REV.	NO.	DESCRIPTION
1	1	INITIAL ISSUE
2	1	REVISED TO ADD MAP 16

REV.	NO.	DESCRIPTION
1	1	INITIAL ISSUE
2	1	REVISED TO ADD MAP 16

REV.	NO.	DESCRIPTION
1	1	INITIAL ISSUE
2	1	REVISED TO ADD MAP 16

REV.	NO.	DESCRIPTION
1	1	INITIAL ISSUE
2	1	REVISED TO ADD MAP 16

REV.	NO.	DESCRIPTION
1	1	INITIAL ISSUE
2	1	REVISED TO ADD MAP 16

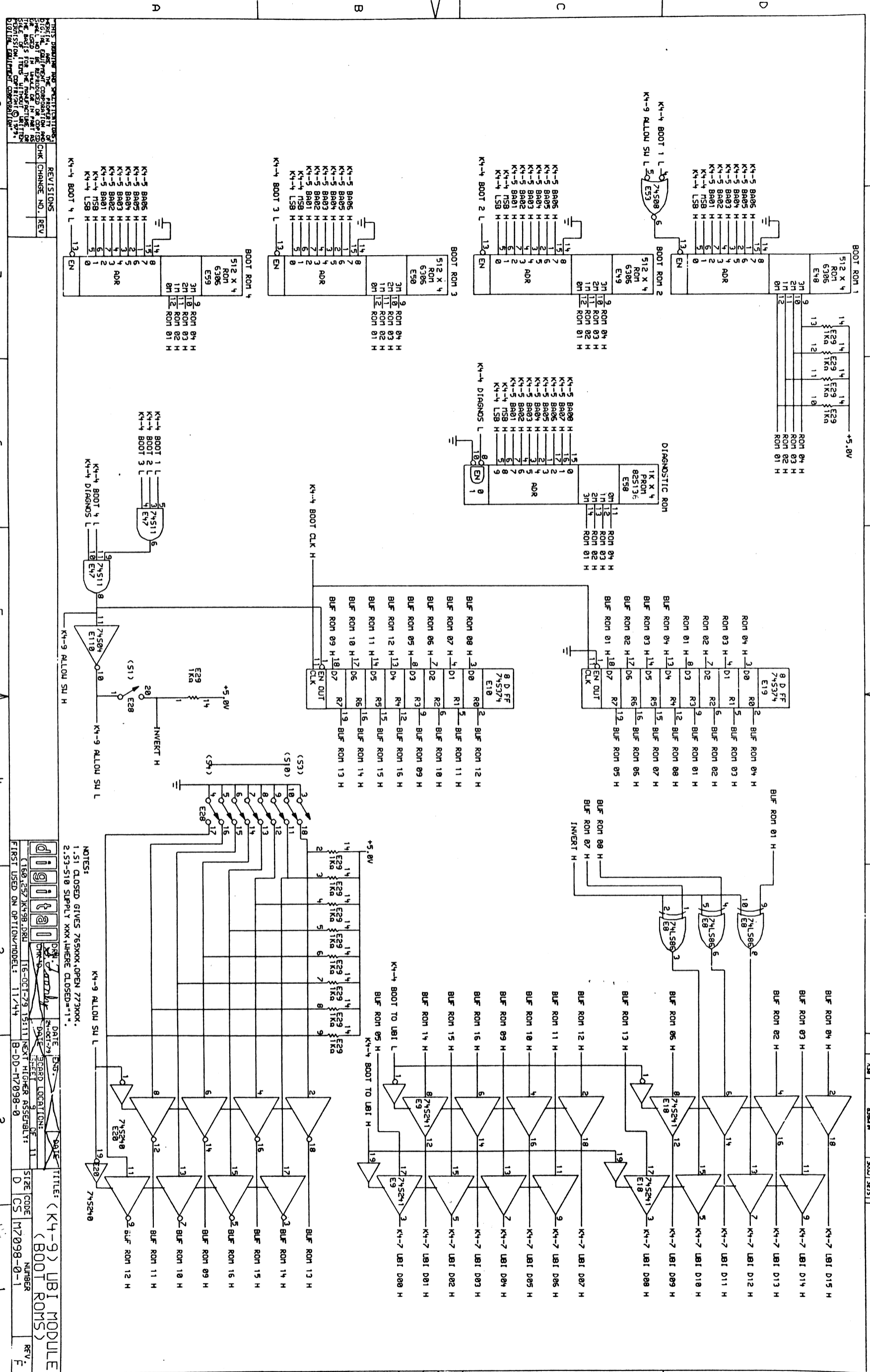
REV.	NO.	DESCRIPTION
1	1	INITIAL ISSUE
2	1	REVISED TO ADD MAP 16

REV.	NO.	DESCRIPTION
1	1	INITIAL ISSUE
2	1	REVISED TO ADD MAP 16

REV.	NO.	DESCRIPTION
1	1	INITIAL ISSUE
2	1	REVISED TO ADD MAP 16







THIS DRAWING AND SPECIFICATIONS ARE THE PROPERTY OF GENERAL ELECTRIC COMPANY AND ARE NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF GENERAL ELECTRIC COMPANY.

REV. 1

REV. 2

REV. 3

REV. 4

REV. 5

REV. 6

REV. 7

REV. 8

REV. 9

REV. 10

REV. 11

REV. 12

REV. 13

REV. 14

REV. 15

REV. 16

REV. 17

REV. 18

REV. 19

REV. 20

REV. 21

REV. 22

REV. 23

REV. 24

REV. 25

REV. 26

REV. 27

REV. 28

REV. 29

REV. 30

REV. 31

REV. 32

REV. 33

REV. 34

REV. 35

REV. 36

REV. 37

REV. 38

REV. 39

REV. 40

REV. 41

REV. 42

REV. 43

REV. 44

REV. 45

REV. 46

REV. 47

REV. 48

REV. 49

REV. 50

REV. 51

REV. 52

REV. 53

REV. 54

REV. 55

REV. 56

REV. 57

REV. 58

REV. 59

REV. 60

REV. 61

REV. 62

REV. 63

REV. 64

REV. 65

REV. 66

REV. 67

REV. 68

REV. 69

REV. 70

REV. 71

REV. 72

REV. 73

REV. 74

REV. 75

REV. 76

REV. 77

REV. 78

REV. 79

REV. 80

REV. 81

REV. 82

REV. 83

REV. 84

REV. 85

REV. 86

REV. 87

REV. 88

REV. 89

REV. 90

REV. 91

REV. 92

REV. 93

REV. 94

REV. 95

REV. 96

REV. 97

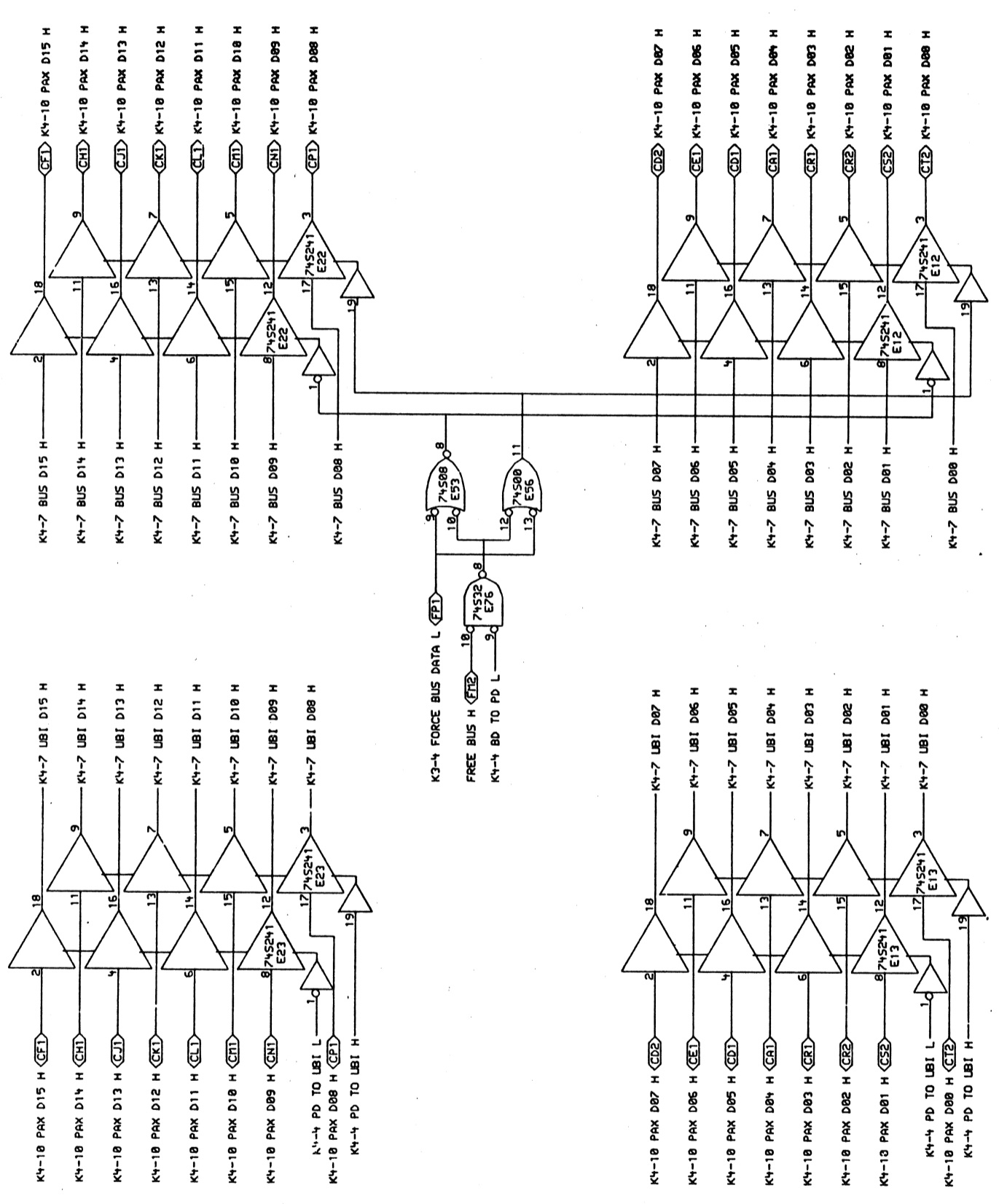
REV. 98

REV. 99

REV. 100

SIZE	CODE	NUMBER	REV.
D	CS	17098-0-1	F

DATE: 11-15-73  
 DESIGNED BY: [Signature]  
 CHECKED BY: [Signature]  
 TITLE: (K4-9) UBI MODULE (BOOT ROMS)  
 NUMBER: 17098-0-1  
 REV: F



DATE: 11-15-79  
 DRAWN: [Signature]  
 CHECKED: [Signature]  
 BOARD LOCATION: 11  
 SHEET NO. OF 11  
 TITLE: (K4-10) UBI MODULE (PAX DATA)  
 NUMBER: 17098-0-1  
 REV. 2

DATE: 11-15-79  
 DRAWN: [Signature]  
 CHECKED: [Signature]  
 BOARD LOCATION: 11  
 SHEET NO. OF 11  
 TITLE: (K4-10) UBI MODULE (PAX DATA)  
 NUMBER: 17098-0-1  
 REV. 2

REVISIONS  
 CHK CHANGE NO. REV

THESE DRAWINGS ARE THE PROPERTY OF  
 DIGITAL EQUIPMENT CORPORATION AND  
 ARE NOT TO BE REPRODUCED OR  
 USED IN ANY MANNER WITHOUT THE  
 WRITTEN PERMISSION OF DIGITAL  
 EQUIPMENT CORPORATION.





LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
29	29	1910535-00	74S45 INVERTER GATE-HEX 1	2	E68,E72
30	30	1910536-00	74S10 NAND GATE-TRIPLE 3IN	2	E83,E96
31	31	1910537-00	74S11 AND GATE-TRIPLE 3IMP	2	E47,E75
32	32	1910544-00	74S74 FF-D DUAL,EDGE TRIGG	8	E81,E95,E112-E116,E119
33	33	1910548-00	74S157 MUX 1 OF 2 (QUAD)	3	E38,E55,E102
34	34	1910550-00	74S174 FF-D HEX	1	E101
35	35	1910878-00	7427 NOR GATE-TRIPLE 3IN	1	E100
36	36	1910957-00	74S175 FF-D QUAD COMMON CLO	2	E87,E98
37	37	1911324-00	7414 INVERTER,HEX 1IN SCH	1	E126
38	38	1911469-00	7414 RECEIVER,BUS,QUAD,U	2	E99,E109
39	39	1911579-00	8641 TRANSCIEVER,BUS,QUA	11	E2,F3,E11,E21,E52,E60,E61,E71, E79,E80,E121
40	40	1911641-00	SN 74S257 MUX,QUAD 2 TO 1	4	E7,E17,E24,E25
41	41	1911712-00	74S51 AND-OR GATE-INVERT D	1	E106
42	42	1912096-00	DEC 74S86 XOR GATE,QUAD 2IN	1	E27
43	43	1912097-00	SN 74S182 LOOK AND CARRY GEN	2	E26,E36
44	44	1912388-00	74S02 NOR GATE-QUAD 2IN,PO	5	E67,E89,E107,E118,E125
45	45	1912389-00	74S08 AND GATE-QUAD 2IN,PO	8	E40,E53,E54,E57,E85,E93,E120, E124
46	46	1912746-00	DEC 74S37 NAND GATE-QUAD 2IN	2	E77,E84
47	47	1912829-00	LS86 X-OR GATE-QUAD 2IN	1	E8
48	48	1913340-00	74S32 OR GATE-QUAD 2IN	3	E39,E76,E103
49	49	1913462-00	74S240 OCTAL BUFFER,INVERTI	9	E4,E14,E20,E30,E31,E41-E43,E51
50	50	1913493-00	74S241 OCTAL BUFFER,TRI-STA	6	E9,E12,E13,E18,E22,E23
51	51	1913663-00	93419DC RAM 64X9 28PIN TT	3	E5,E15,E34
52	52	1913671-00	74S374 FF-D OCTAL TRISTATE	2	E10,E19
53	53	1913700-00	74S381 ALU-4BIT	5	E33,E35,E37,E44,E46
54	54	1914085-00	74S260 NOR GATE-DUAL,POS	1	E122
55	55	1914086-00	74S30 NAND GATE-POS 8IN	1	E62
56	56	1911637-00	74132 NAND GATE-QUAD 2 IN	1	E117
57	57	23000A9-01	*** THIS ITEM IS NOT USED ***	-	
58	58	23032C6-00	C6-01	1	E82
59	59	23000F1-01	*** THIS ITEM IS NOT USED ***	-	
60	60	9000024-01	EYELET, ROLLFD FLANGE, .121 OD X	12	
61	61	9009185-00	JUMPER, WIRE, INSULATED, BLACK B	14	
62	62	1311422-00	178.0 .25 W 1.0 % RN55D-F10	5	
63	63	1305125-00	383.0 .25 W 1.0 % RN55D-F10	5	
64	64	23054C6-00	C6-01	1	E64
65	65	23052C6-00	C6-01	1	E45
66	66	23446F1-00	F1-02	1	E58
67	67	1012121-00	220.0 MF 100V 1%200PPM DM155	1	
68	68	9009157-00	ADH,LIQ,RM,TFMP CURING COLORLESS	1	
69	69	9105740-55	WIRE(WRAP)30AWG UL1423	1	

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							KD11-2 UBI MODULE				M7098-8-DBP	

TW