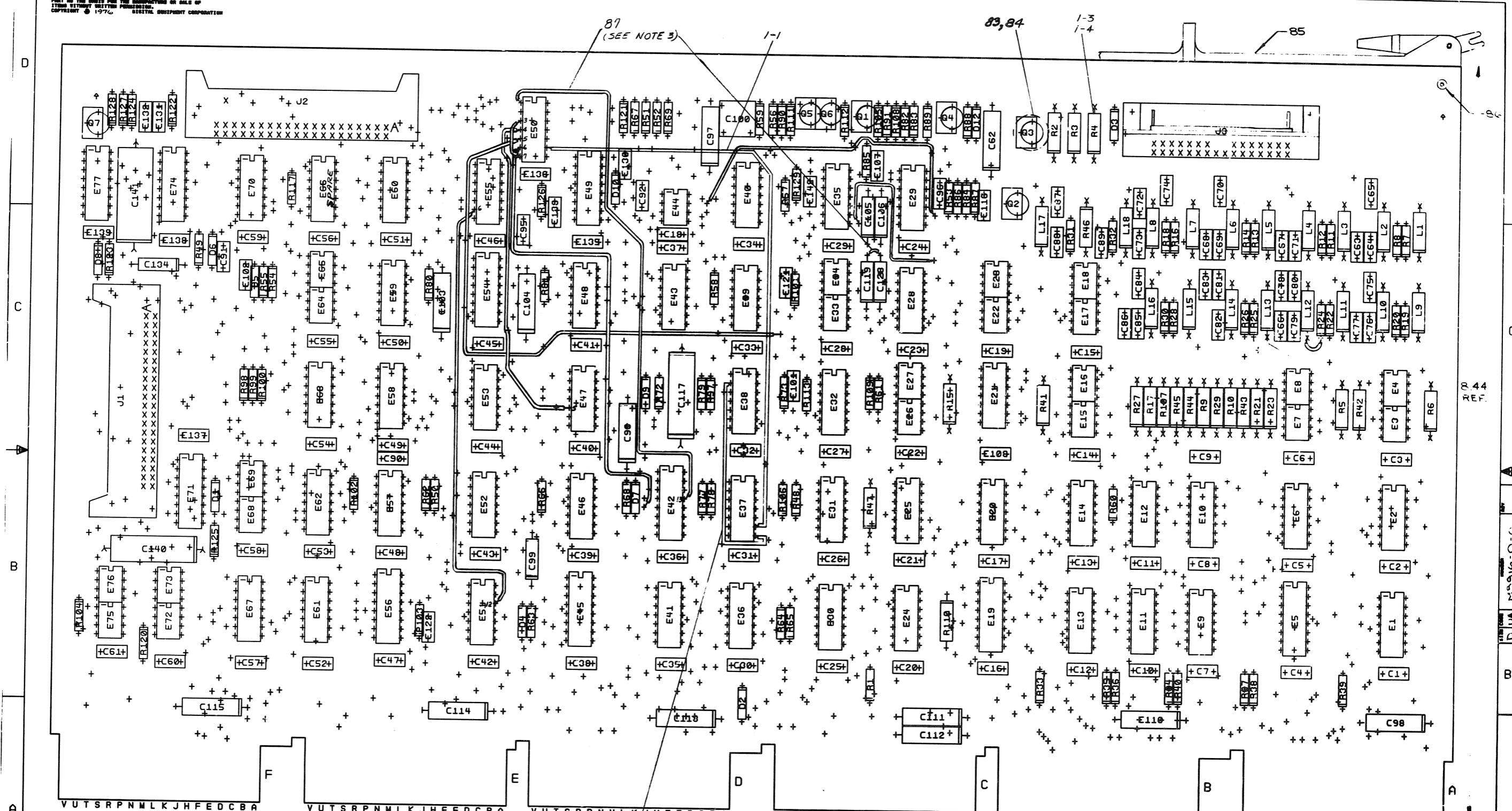


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0-0-1694 3 D 2 1



270
1.4
7.4

MS# 0125
DUA MS916-0-C

NOTES: **REWORK INSTRUCTIONS:**
 1. ALL COMPONENTS SHOWN ARE TO BE INSTALLED WITH * SIDE TOWARD FINGER END.
 2. GETH CUTS SHOWN ON SHEET 2.
 3. ADD 11 JUMPER WIRES, ITEM 87.
 ECO #1: 1-1. ADD WIRE, E50-9 TO E37 PINS.
 1-2. ADD WIRE, E17-B TO E38-2.
 1-3. DELETE COMPONENT R4 (P/N 13-00274-00)
 1-4. ADD COMPONENT R4 (P/N 13-00195-00)

CHANGE NO	REV	DESCRIPTION	DATE
1	1	INITIAL RELEASE	5-77
2	1	ADD JUMPER WIRES, ITEM 87	5-77
3	1	DELETE COMPONENT R4 (P/N 13-00274-00)	5-77
4	1	ADD COMPONENT R4 (P/N 13-00195-00)	5-77

ETCH REV. C
P.C. DESIGN DATA BASE REV. CL

SIGNATURES	DATE
DRN. J. FRIEDLAND	5-77
CHK'D. J. B. ...	5-77
ENG. ...	5-77
PROJ. ENG. ...	5-77
PROD. ...	5-77

TITLE: digital
 LOGIC AND WRITE BOARD

SCALE: 2/1
 SHT. 1 OF 4
 NEXT HIGHER ASSY. B-DD-MS916-0

SIZE CODE: 0 JA
 NUMBER: MS916-0-0
 REV: 1

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION										NOTES:				
PARTS LIST														USED ON OPTION/MODEL				
MADE BY H. Weinbrenner		CHECKED <i>P. Bosman</i>												TE 16				
DATE 8/10/76		DATE 17 Nov 76																
ENG <i>S. Shank</i>		PROD <i>H. Dillard</i>																
DATE 21 Dec 76		DATE 21 DEC 76																
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION															REF DESIGNATION
14		10-00024-00	CAP 470 PF 100V 5% (DM)	1														C90
15		10-00016-00	CAP 100 PF 100V 5% (DM)	1														C92
16		10-04815-00	CAP 100 UF 20V 10% (TANT)	1														C141
17																		
18																		
19		11-00114-00	DIODE D664	7														D1, D2, D4, D7, D8, D9, D10
20		11-00122-00	DIODE 1N748A 3.9V	1														D12
21		11-02162-00	DIODE D670-1	1														D3
22		11-04860-00	DIODE 1N746A 3.3V	2														D5, D6
23																		
24																		
25		12-09941-02	CONN. 40 PIN RT. ANGLE HDR	2														J1, J12
26		12-10067-02	CONN. 28 PIN	1														J3
27																		
28																		
29		13-00195-00	RESISTOR 33 Ω 1/2W 5%	1														R4
30		13-00271-00	RESISTOR 220 Ω 1/4W 5%	5														R66, R77, R101, R112, R129
31		13-00295-00	RESISTOR 330 Ω 1/4W 5%	1														R78
32		13-00315-00	RESISTOR 470 Ω 1/2W 5%	10														R3, R5, R9, R15, R21, R27, R41, R42, R44, R46

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TITLE
LOGIC AND WRITE BOARD

ASSY NO.
D-UA-M8916-0-0

SIZE CODE NUMBER
B PL M8916-0-0

REV.
D

SHEET 2 OF 5

INSERTION PARTS LIST DATA BASE REV 8

DIGITAL EQUIPMENT CORPORATION

PARTS LIST

MADE BY H. Weinbrenner	CHECKED <i>D. Bowman</i>	SECTION 1
DATE 8/10/76	DATE 17 Nov 76	
ENG <i>H. Weinbrenner</i>	PROD <i>H. Dillard</i>	ISSUED SECTION 1
DATE 21 Dec 76	DATE 21 Dec 76	

QUANTITY / VARIATION

NOTES:

USED ON OPTION/MODEL
TE 16

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY	VARIATION	REF DESIGNATION
33		13-00365-00	RESISTOR 1K 1/4W 5%	35		R1,R33,thru R40,R48 thru R50, R54 thru R61, R79,R89,R90,R97 thru R100, R102,R104,R106, R109,R111,R113,R117,R120
34		13-00398-00	RESISTOR 1.8K 1/4W 5%	2		R86,R108
35		13-00444-00	RESISTOR 3.9K 1/4W 5%	2		R64,R67
36		13-00447-00	RESISTOR 4.7K 1/4W 5%	2		R52,R53
37		13-00479-00	RESISTOR 10K 1/4W 5%	6		R63,R68,R121 thru R124
38		13-00488-00	RESISTOR 12K 1/4W 5%	1		R69
39		13-01320-00	RESISTOR 1.2K 1/4W 5%	3		R73,R82,R84
40		13-01423-00	RESISTOR 6.8K 1/4W 5%	2		R83,R85
41		13-01424-00	RESISTOR 680 1/4W 5%	1		R51
42		13-02177-00	RESISTOR 47K 1/4W 5%	2		R72,R125
43		13-02377-00	RESISTOR 39 1/4W 5%	18		R7,R8,R11 thru R14,R16, R18,R19,R20,R22, R24,R25,R26,R28,R30,R31,R32
44		13-05346-00	RESISTOR 27K 1/4W 5%	2		R87,R105
45		13-00229-00	RESISTOR 100 1/4W 5%	4		R62,R88,R91,R103
46		13-00354-00	RESISTOR 750 1/2W 5%	1		R2
47		13-02391-00	RESISTOR 20K 1/4W 5%	2		R80,R126
48		13-01695-00	RESISTOR 47 1/2W 5%	1		R110
49		13-00308-00	RESISTOR 390 1/2W 5%	9		R6,R10,R17,R23,R29,R45,R43,R47,R107

E.C.O. NO.

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	LOGIC AND WRITE BD.	D-UA-M8916-0-0	B	PL	M8916-0-0	D
SHEET 3 OF 5			INSERTION PARTS LIST DATA BASE REV B			

DIGITAL EQUIPMENT CORPORATION

PARTS LIST

QUANTITY / VARIATION

NOTES:

USED ON: OPTION/MODEL
TE 16

MADE BY H. Weinbrenner	CHECKED <i>J. Baseman</i>	SECTION 1
DATE 8/10/76	DATE 17 Nov 76	
ENG <i>S. Dillard</i>	PROD <i>S. Dillard</i>	ISSUED SECTION 1
DATE 21-Dec-76	DATE 21 Dec 76	

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY	UNIT	REF DESIGNATION
50		13-01808-00	RESISTOR 22K 1/4W 5%	1		R81
51		13-00219-00	RESISTOR 68 1/4W 5%	1		R65
52		13-02396-00	RESISTOR 150K 1/4W 5%	1		R127
53		13-02394-00	RESISTOR 30K 1/4W 5%	1		R128
54						
55						
56						
57		15-03409-01	TRANSISTOR 6534B	2		Q1,Q2
58		15-09338-00	TRANSISTOR 6531	4		Q4 thru Q7
59		15-09649-00	TRANSISTOR 3762	1		Q3
60		16-09477-00	INDUCTOR 10 10%	18		L1 thru L18
61						
62						
63		19-05547-00	I.C. DEC 7474	8		E11,E53,E55,E61,E62,E67,E47,E50
64		19-05575-00	I.C. DEC 7400	4		E28,E41,E60,E70
65		19-05576-00	I.C. DEC 7410	1		E57
66		19-10645	I.C. DEC 75452	1		E44
67		19-05587-00	I.C. DEC 7473	5		E2,E6,E20,E21,E25
68		19-05590-00	I.C. DEC 7401	1		E63

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TITLE
LOGIC AND WRITE BOARD

ASSY NO.
D-UA-M8916-0-0
SHEET 4 OF 5

SIZE	CODE	NUMBER	REV.
B	PL	M8916-0-0	D

INSERTION PARTS LIST DATA BASE REV B

DIGITAL EQUIPMENT CORPORATION

PARTS LIST

MADE BY H. Weinbrenner	CHECKED <i>J. Bosman</i>	SECTION 1
DATE 8-10-76	DATE 17 Nov 76	
ENG <i>H. Dillard</i>	PROD <i>H. Dillard</i>	ISSUED SECTION 1
DATE 21-Dec-76	DATE 21 Dec 76	

QUANTITY / VARIATION

NOTES:

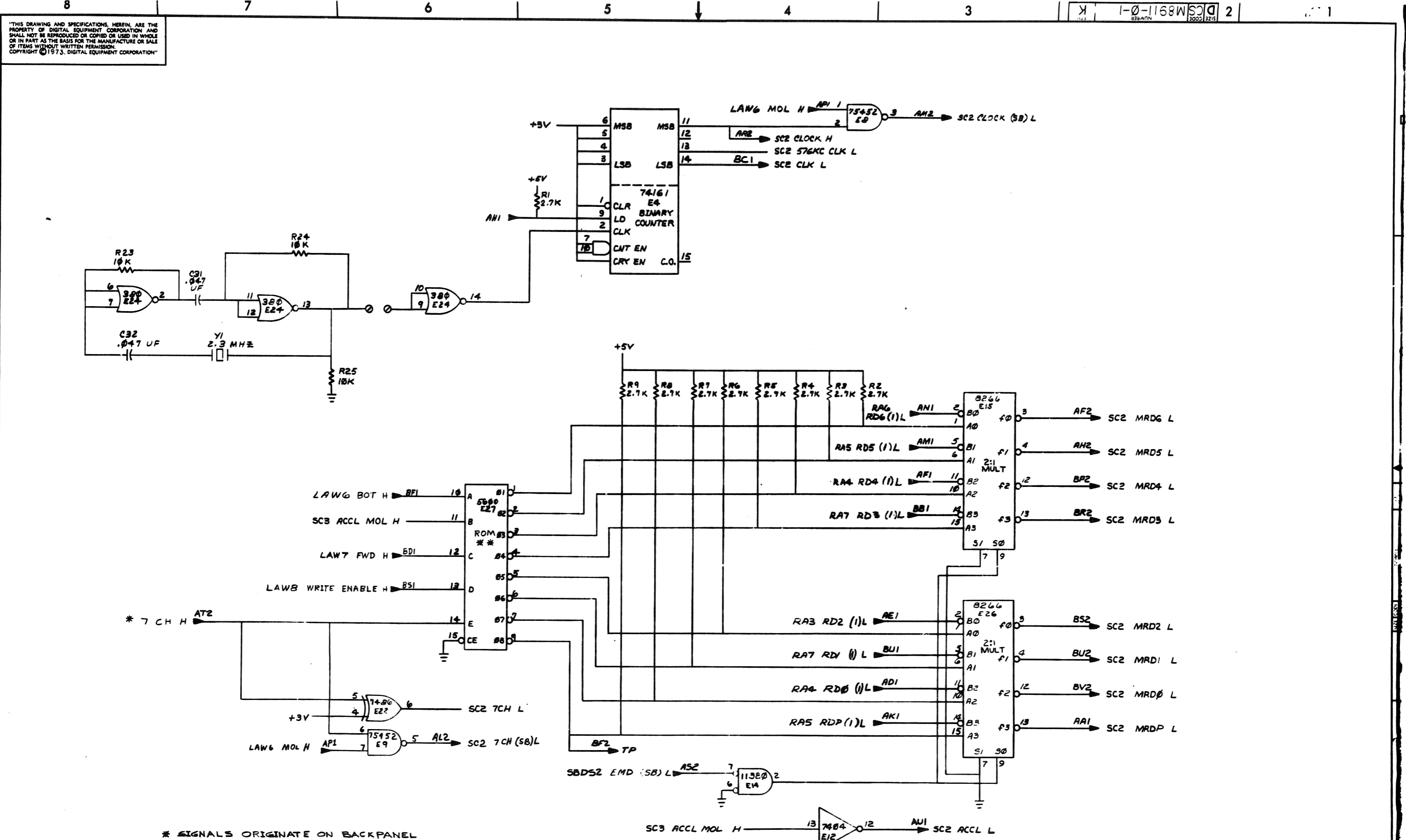
USED ON: OPTION/MODEL
TE 16

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QTY	UNIT	REF DESIGNATION
69		19-09004-00	I.C. DEC 7402	2		E43, E59
70		19-09486-00	I.C. DEC 384	1		E29
71		19-09686-00	I.C. DEC 7404	3		E31, E35, E40
72		19-09712-00	I.C. DEC 8242	1		E39
73		19-09930-00	I.C. DEC 7405	2		E37, E38
74		19-09934-00	I.C. DEC 8266	3		E5, E19, E56
75		19-10011-00	I.C. DEC 7486	3		E1, E10, E24
76		19-10041-00	I.C. DEC 74164	1		E12
77		19-10155-00	I.C. DEC 7408	3		E46, E51, E32
78		19-10436-00	I.C. DEC 74123	7		E42, E45, E54, E49, E77, E71, E74
79		19-10878-00	I.C. DEC 7427	1		E52
80		19-11469-00	I.C. DEC 8640	6		E9, E14, E30, E36, E48, E58
81		19-05580-00	I.C. DEC 7450	1		E13
82		19-10645-01	I.C. DEC 75452	11		(E3, E4)(E7, E8)(E15, E16)(E17, E18)(E22, E23)(E26, E27), (E33, E34)(E64, E65)(E68, E69)(E72, E73)(E75, E76) (FOR Q3)
83		90-07201-00	TRANSIPAD	1		
84		12-10001-00	HEAT SINK	1		
85		12-10711-02	HANDLE ASSY.	1		
86		9006732-00	EYELET	12		
87		9105740-55	WIRE, #30 AWG, GRN	AR		

ECO. NO.

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	LOGIC AND WRITE BOARD	D-UA-M8916-0-0	B	PL	M8916-0-0	D
		SHEET 5 OF 5	INSERTION PARTS LIST DATA BASE REV B			

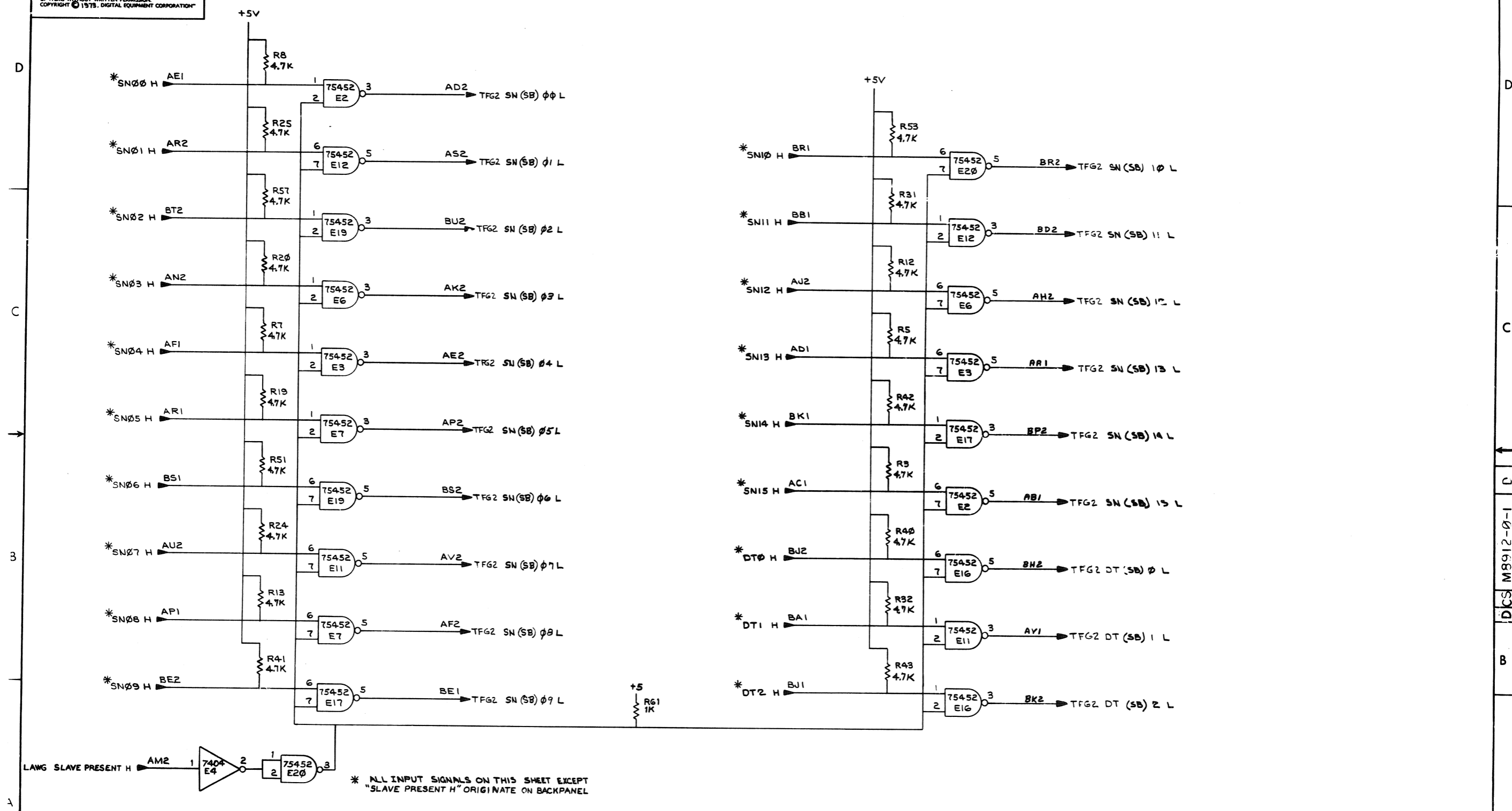
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* SIGNALS ORIGINATE ON BACKPANEL
 ** SEE PARTS LIST FOR CORRECT ROM PART NUMBER

REVISIONS		
CHK	CHANGE NO.	REV.

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* ALL INPUT SIGNALS ON THIS SHEET EXCEPT "SLAVE PRESENT H" ORIGINATE ON BACKPANEL

REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	SLAVE TEST (TFG2)	SIZE CODE	DCS	NUMBER	M8912-0-1	REV.	D
SCALE	+	SHEET	2	OF	3	DIST.	

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**

TFG3 FOURTH ONE SHOT L

TFG3 FIRST ONE SHOT L

** TFG3 3RD ONE SHOT H

TFG3 FOURTH ONE SHOT H

** TFG3 FOURTH ONE SHOT -

TFSTR FRAME CNT 2 H

** TFG3 3RD ONE SHOT H

TFG3 INIT L

TFG5 TEST DATA B L

TFG3 TEST DATA B H

TFG3 TEST DATA A L

TFG3 TEST DATA A H

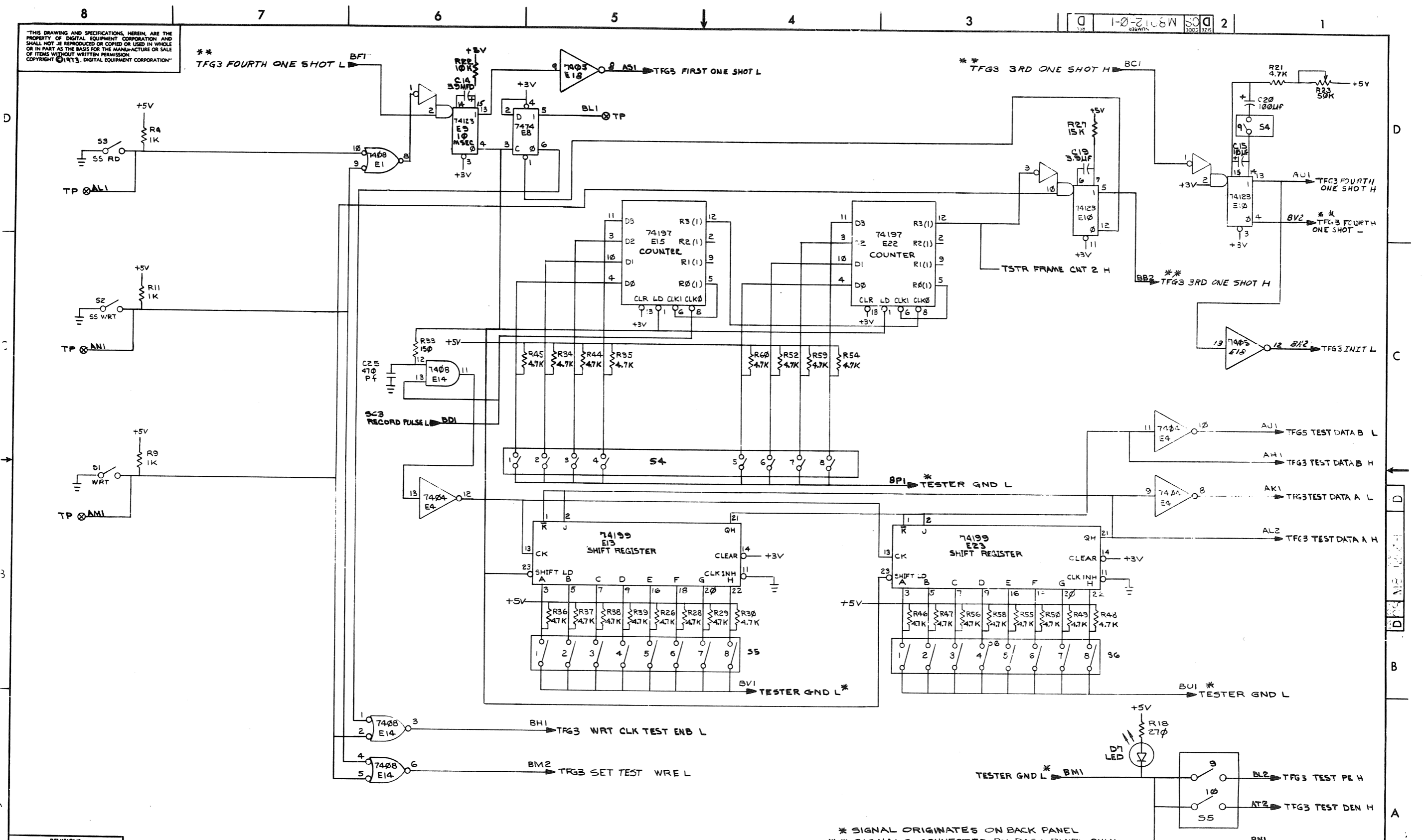
TFG3 WRT CLK TEST ENB L

TFG3 SET TEST WRE L

TFG3 TEST PE H

TFG3 TEST DEN H

TFG3 TESTER ENABLE L



* SIGNAL ORIGINATES ON BACK PANEL
** SIGNALS CONNECTED BY BACK PANEL ONLY

REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	SLAVE TEST (TFG3) FUNCTION GENERATOR	SIZE CODE	D CS	NUMBER	M8912-0-1	REV.	D
SCALE		SHEET	3	OF	3	DIST.	