

"THE MATERIAL HEREIN IS FOR INFORMATION PURPOSES ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE. DIGITAL EQUIPMENT CORPORATION ASSUMES NO RESPONSIBILITY FOR ANY ERRORS WHICH MAY APPEAR HEREIN."

FIELD MAINTENANCE PRINT SET

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1977, DIGITAL EQUIPMENT CORPORATION."

TABLE OF CONTENTS

DRAWING DIRECTORY	B-DD-TE16-Ø
LOGIC & WRITE BOARD	D-CS-M8916-Ø-1
LOGIC AND WRITE	D-UA-M8916-Ø-Ø (SHT 1)
LOGIC AND WRITE	B-PL-M8916-Ø-Ø
CLOCK AND TEST LOGIC	D-CS-M8911-Ø-1
SLAVE TEST FUNCTION GEN.	D-CS-M8912-Ø-1
READ AMPLIFIER	D-CS-G066-Ø-1
FEAD AMPLIFIER	D-UA-G066-Ø-Ø (SHT 1)
READ AMPLIFIER	B-PL-G066-Ø-Ø
POWER BOARD	D-UA-H607-Ø-Ø
TAPE MOTION DAUGHTER	D-CS-5412262-Ø-1
TAPE MOTION DAUGHTER	D-UA-5412262-Ø-Ø (SHT 1)
TAPE MOTION DAUGHTER	B-PL-5412262-Ø-Ø
TAPE MOTION POWER	D-CS-5412264-Ø-1
TAPE MOTION POWER	D-UA-5412264-Ø-Ø (SHT 1)
TAPE MOTION POWER	B-PL-5412264-Ø-Ø
D.C. POWER SUPPLY	D-CS-5412242-Ø-1
GENERAL PURPOSE CARD (A & B)	D-CS-M9ØØ1-Ø-1
GENERAL PURPOSE CARD (A & B)	D-CS-M9ØØ1-YB-1
DATA DRIVER	D-CS-M8913-Ø-1
DATA DRIVER	D-CS-M8913-YA-1
GENERAL PURPOSE CARD (E & F)	D-CS-M9ØØ1-YA-1
GENERAL PURPOSE CARD (E & F)	D-CS-M9ØØ1-YC-1
CONTROL BOX	D-CS-5412347-Ø-1
WIRED ASSY	E-AD-7009635-Ø-Ø
WIRE LIST	K-WL-TU16-Ø-WL
MODULE UTILIZATION	D-MU-TE16-Ø-MU
MASS BUS TRANSCIEVER	D-BS-TU16-Ø-2
MAGTAPE DRIVE	D-UA-TE16-Ø-Ø
CLOCK & TEST LOGIC	D-CS-M8931-Ø-1

UNIT VARIATIONS COVERED BY THIS PRINT SET

TE16-EA
TE16-EB
TE16-EC
TE16-ED
TE16-EK
TE16-EL
TE16-EM
TE16-EN
TE16-AA
TE16-AB
TE16-AC
TE16-AD
TE16-EE
TE16-EF
TE16-EH
TE16-EJ
TE16-AE
TE16-AF
TE16-AH
TE16-AJ

TE16

Field Maintenance Print Set

Digital Equipment Corporation

PRINT SET ORDER NO. MPØØ333

digital

TITLE:
MAGNETIC TAPE DRIVE
(TE16)

SIZE B	CODE TC	NUMBER TE16-Ø-1	REV. A
DIST.			

USED ON OPTION/MODEL	DRN.	DATE
TE16	W. Martin	12/FEB/77
	CHK'D W. Martin	12/FEB/77
	PROJ. ENG. Harris	12/1/77
	FIELD SERV. Gary N. La. Q.	12-FEB-77

SHEET I OF 1

REVISIONS

REV.	CHG. NO.	DATE
A	TE16-2	11-77

DRB 124

EN-Ø124-16-NØ7B-(127)

"THE MATERIAL HEREIN IS FOR INFORMATION PURPOSES ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE. DIGITAL EQUIPMENT CORPORATION ASSUMES NO RESPONSIBILITY FOR ANY ERRORS WHICH MAY APPEAR HEREIN."

DRAWING DIRECTORY

"THE DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1977, DIGITAL EQUIPMENT CORPORATION."

FOR FIELD MAINTENANCE PRINT SET REFER TO MP00333

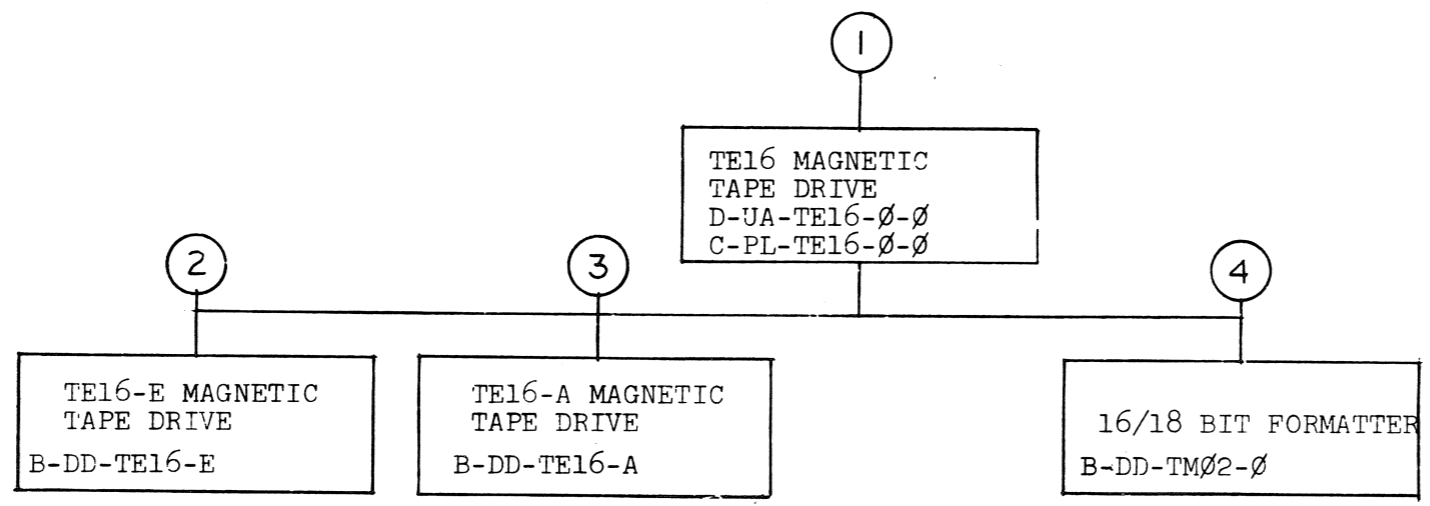
UNIT VARIATIONS

VAR	TITLE
TE16-EA	TE16-EE + TM02-FA
TE16-EB	TE16-EF + TM02-FB
TE16-EC	TE16-EH + TM02-FA
TE16-ED	TE16-EJ + TM02-FB
TE16-EK	TE16-EE + TM02-FC
TE16-EL	TE16-EF + TM02-FD
TE16-EM	TE16-EH + TM02-FC
TE16-EN	TE16-EJ + TM02-FD
TE16-AA	TE16-AE + TM02-FA
TE16-AB	TE16-AF + TM02-FB
TE16-AC	TE16-AH + TM02-FA
TE16-AD	TE16-AJ + TM02-FB

EN-01002-1A-18-R373-1251

REVISIONS	USED ON OPTION/MODEL	DRN.	DATE	TITLE	SIZE	CODE	NUMBER	REV
CHK	TE16	<i>W.M.</i>	17 Feb 77	MAGNETIC TAPE DRIVE (TE16-Ø)	B	DD	TE16-Ø	
CHANGE NO.		CHK'D.	DATE					
REV.		<i>W.M.</i>	17 Feb 77					
		PROJ. ENG.	DATE					
		<i>Gary Cook</i>	17 Feb 77					
		PROD.	DATE					
		<i>Roger Conner by Gary Cook</i>	17 Feb 77					
	SHEET 1 OF 3				DIST.			

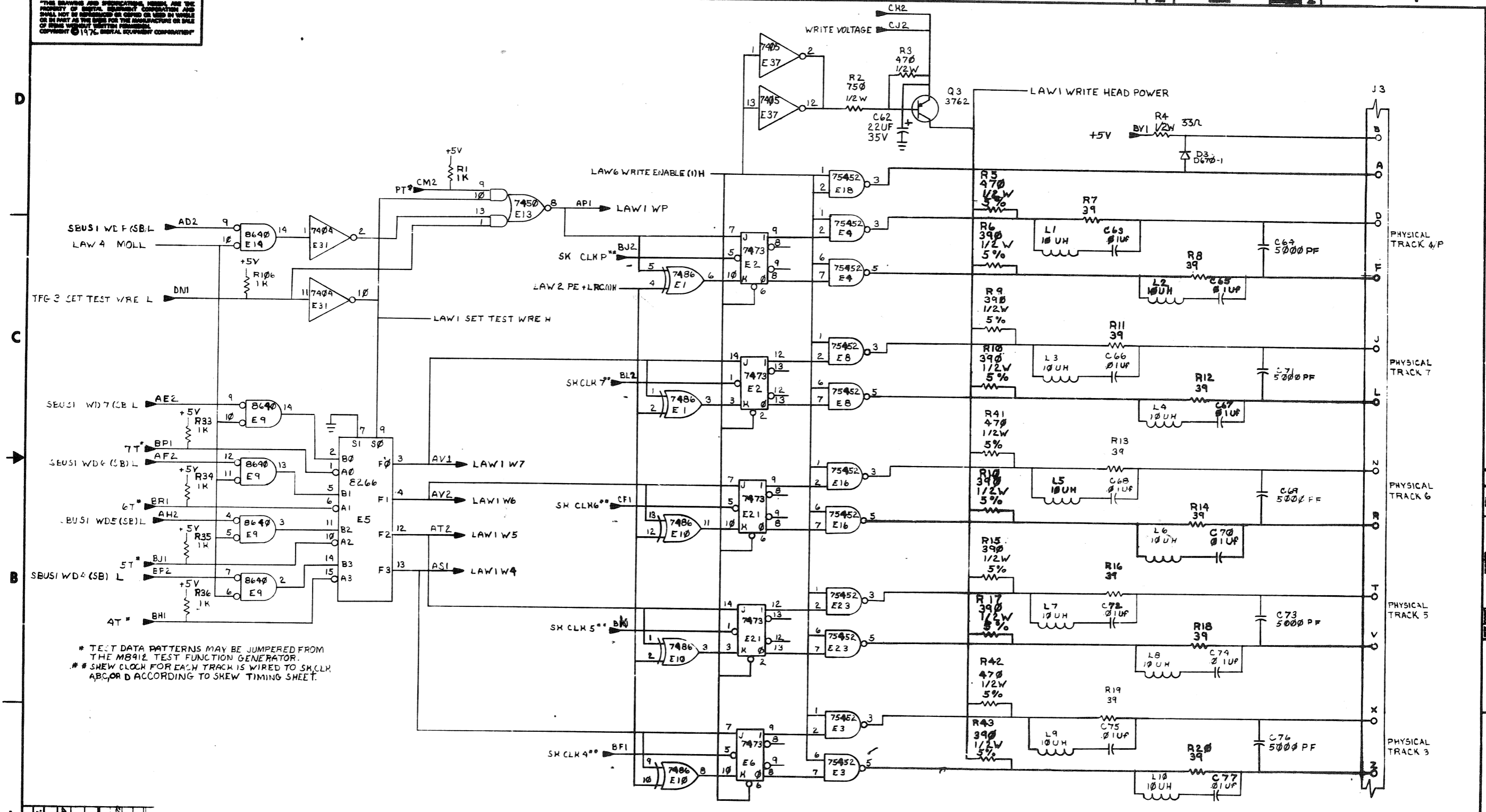
digital



TITLE	SHEET 2 OF 3	SIZE CODE	NUMBER	REV
TEL6 MAGNETIC TAPE DRIVE		B DD	TEL6-Ø	

THIS DRAWING AND SPECIFICATIONS HEREAFTER ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ANY EQUIPMENT WITHOUT THE WRITTEN PERMISSION OF DIGITAL EQUIPMENT CORPORATION.

1-0-91E8W S 2



* TEST DATA PATTERNS MAY BE JUMPED FROM THE M8912 TEST FUNCTION GENERATOR.
 * SHEW CLOCK FOR EACH TRACK IS WIRED TO SK CLK ABC OR D ACCORDING TO SHEW TIMING SHEET.

REV.	1	DATE	10-1-77
CHKD.		BY	
ENGR.		BY	
PROJ. ENG.		BY	
PROD. ENGR.		BY	
NEXT HIGHER ASSY.			
SCALE			
SHEET	1	OF	7

DRWG. NO.	9-76	REV.	00000
CHKD.		BY	
ENGR.		BY	
PROJ. ENG.		BY	
PROD. ENGR.		BY	
NEXT HIGHER ASSY.			
SCALE			
SHEET	1	OF	7

TITLE	LOGIC AND WRITE BOARD (LAW1)
SIZE	DD-48916-0-0
NUMBER	D CS M8916-0-1
REV.	D

8

7

6

5

4

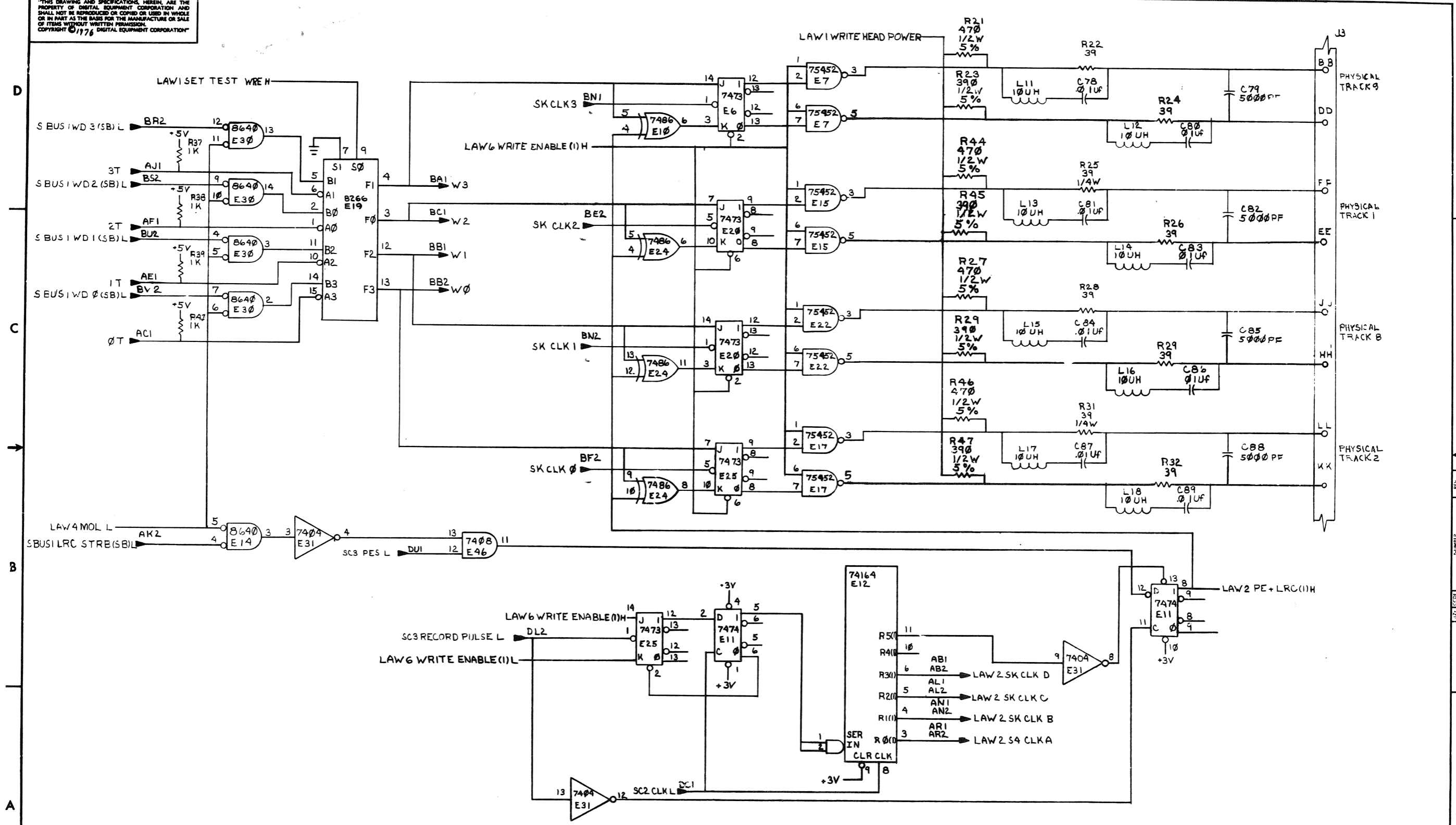
3

2

1

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION"

1-0-9168W S D 2
 8500 1225



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	LOGIC AND WRITE BOARD (LAW2)	SIZE CODE	D CS	NUMBER	M8916-0-1	REV.	0
SCALE		SHEET	2 OF 7	DIST.			

8

7

6

5

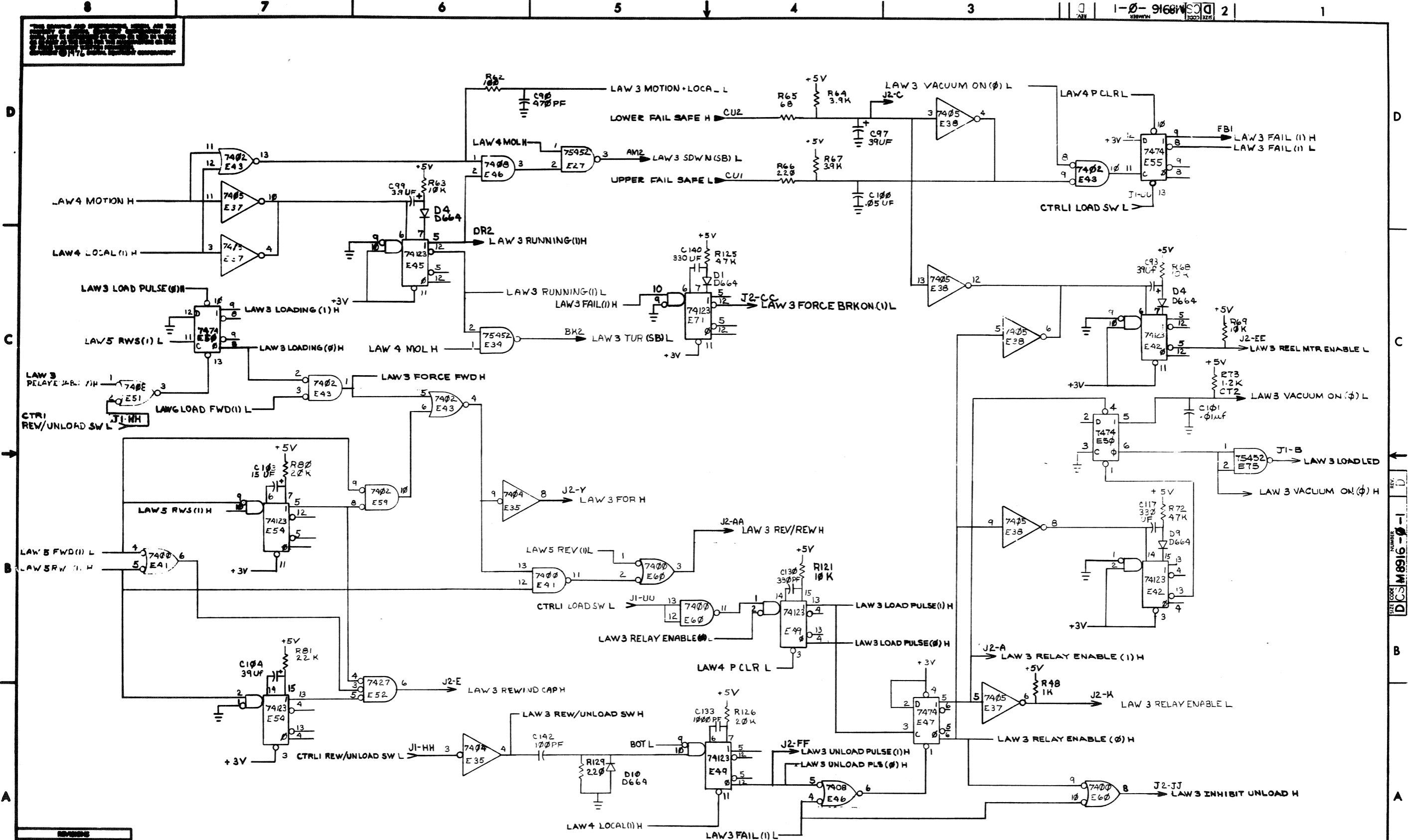
4

3

2

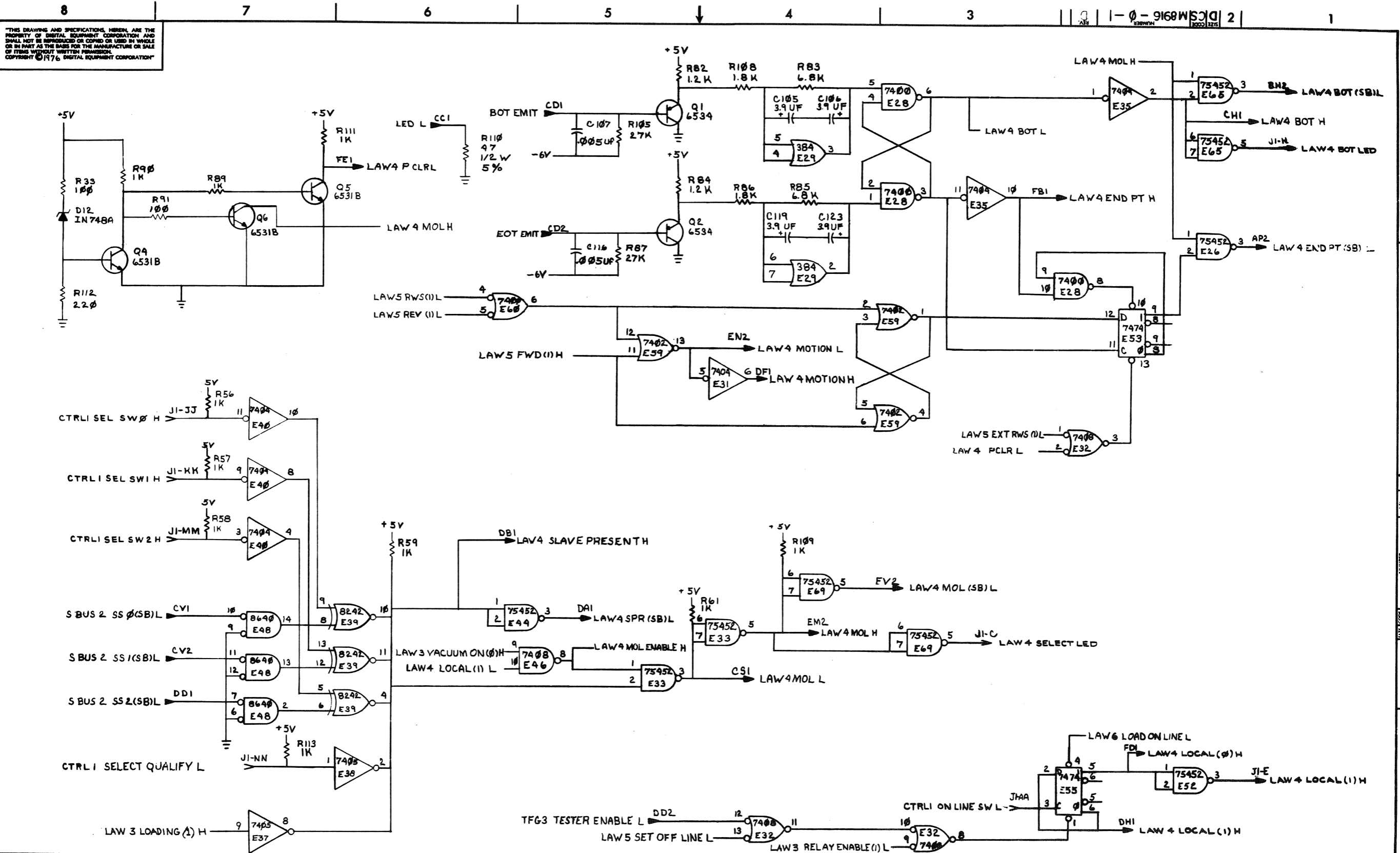
1

THIS DRAWING AND SPECIFICATIONS ARE THE PROPERTY OF THE UNITED STATES GOVERNMENT AND ARE LOANED TO YOU. IT IS TO BE RETURNED TO THE OFFICE OF ORIGIN AND 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.



REV.	CHANGE NO.	DATE

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION

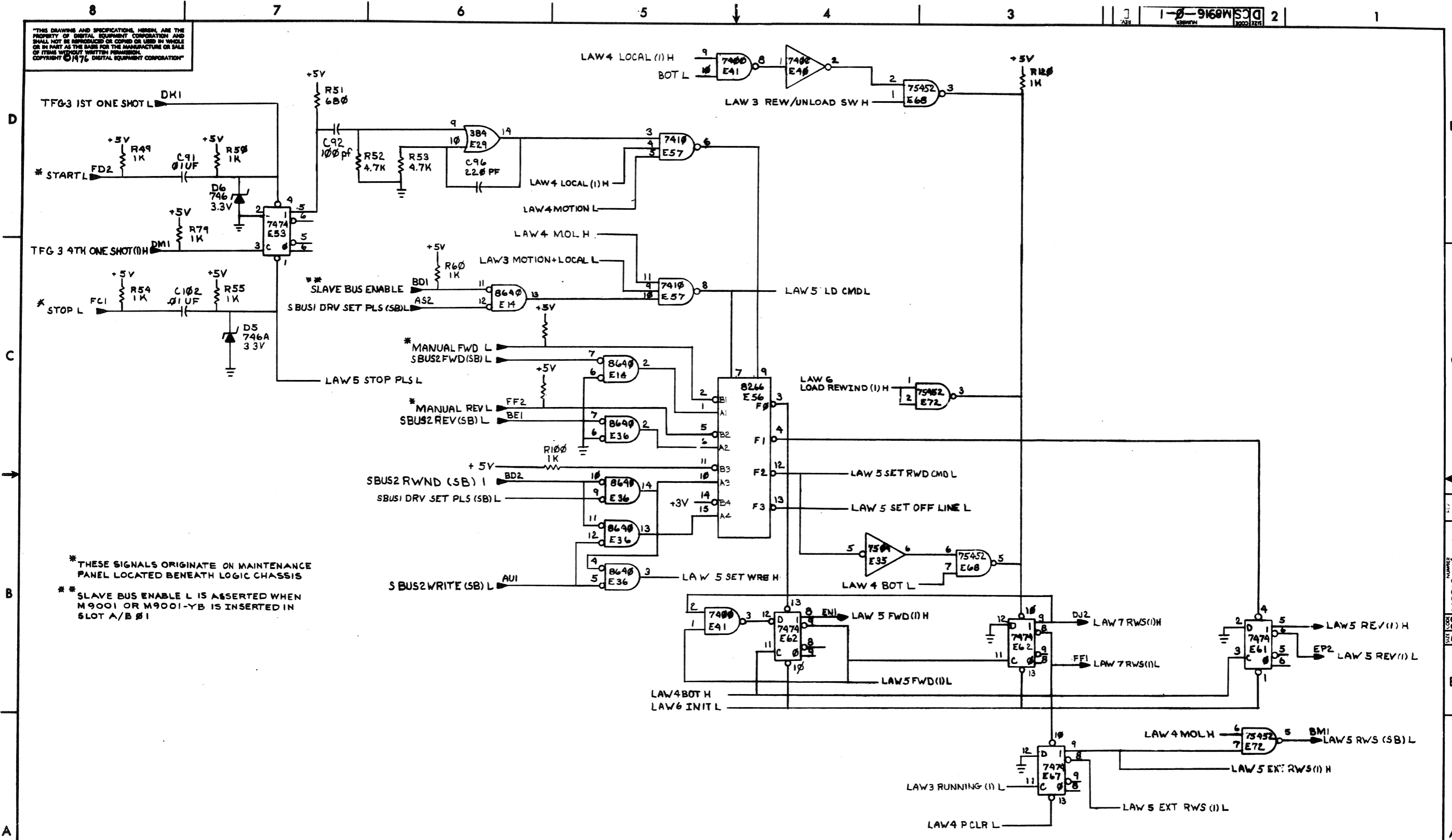


REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		SIZE/DOOR	NUMBER	REV.
LOGIC AND WRITE BOARD LAW4		D	CS M8916-1	D
SCALE	SHEET 4 OF 7	DIST.		

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION

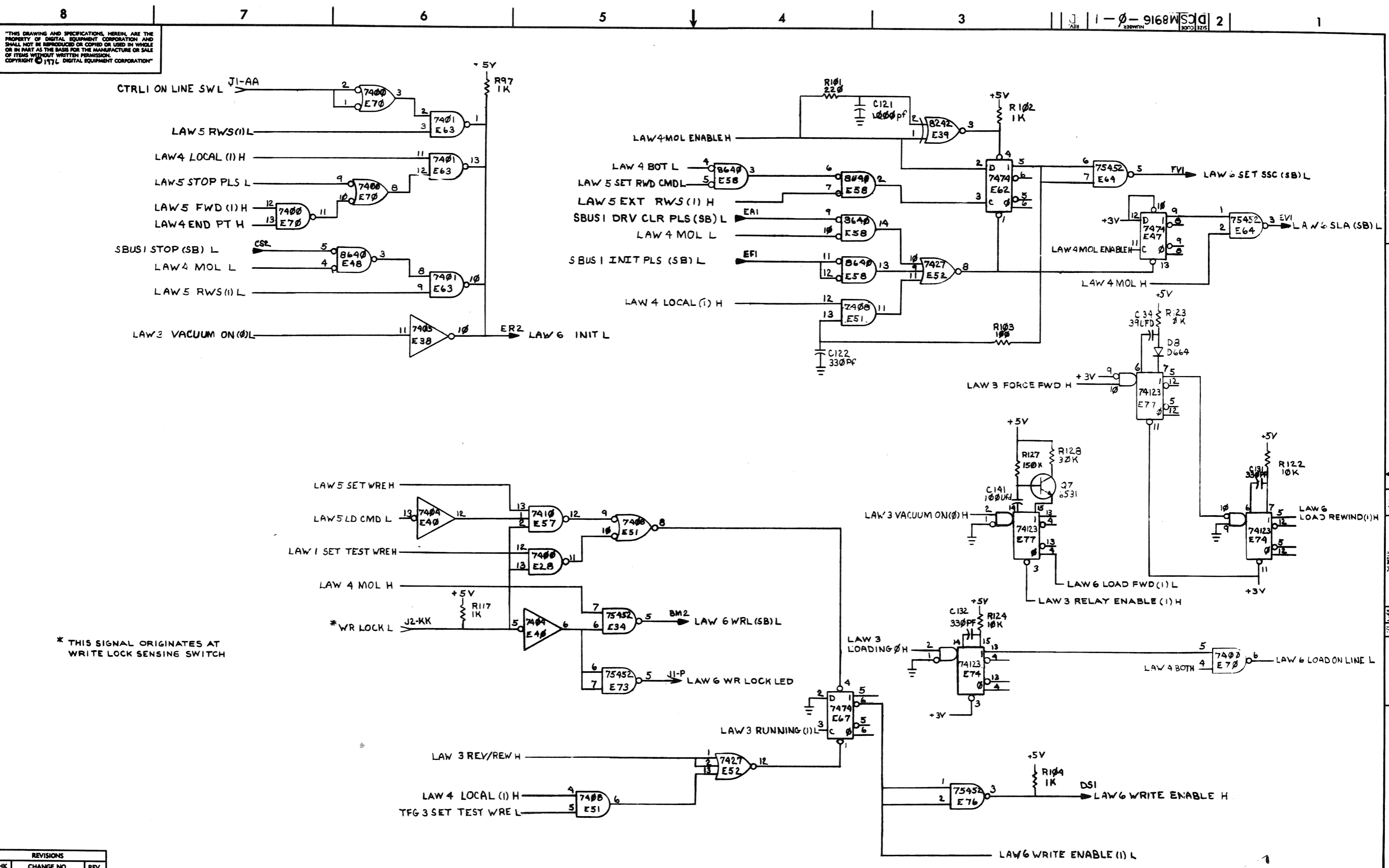
1-8-9168W53D 2



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE: LOGIC AND WRITE BOARD LAWS DCS M8916-0-1
 SCALE: SHEET 5 OF 7
 NUMBER: 5
 REV.:

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976, DIGITAL EQUIPMENT CORPORATION"



* THIS SIGNAL ORIGINATES AT WRITE LOCK SENSING SWITCH

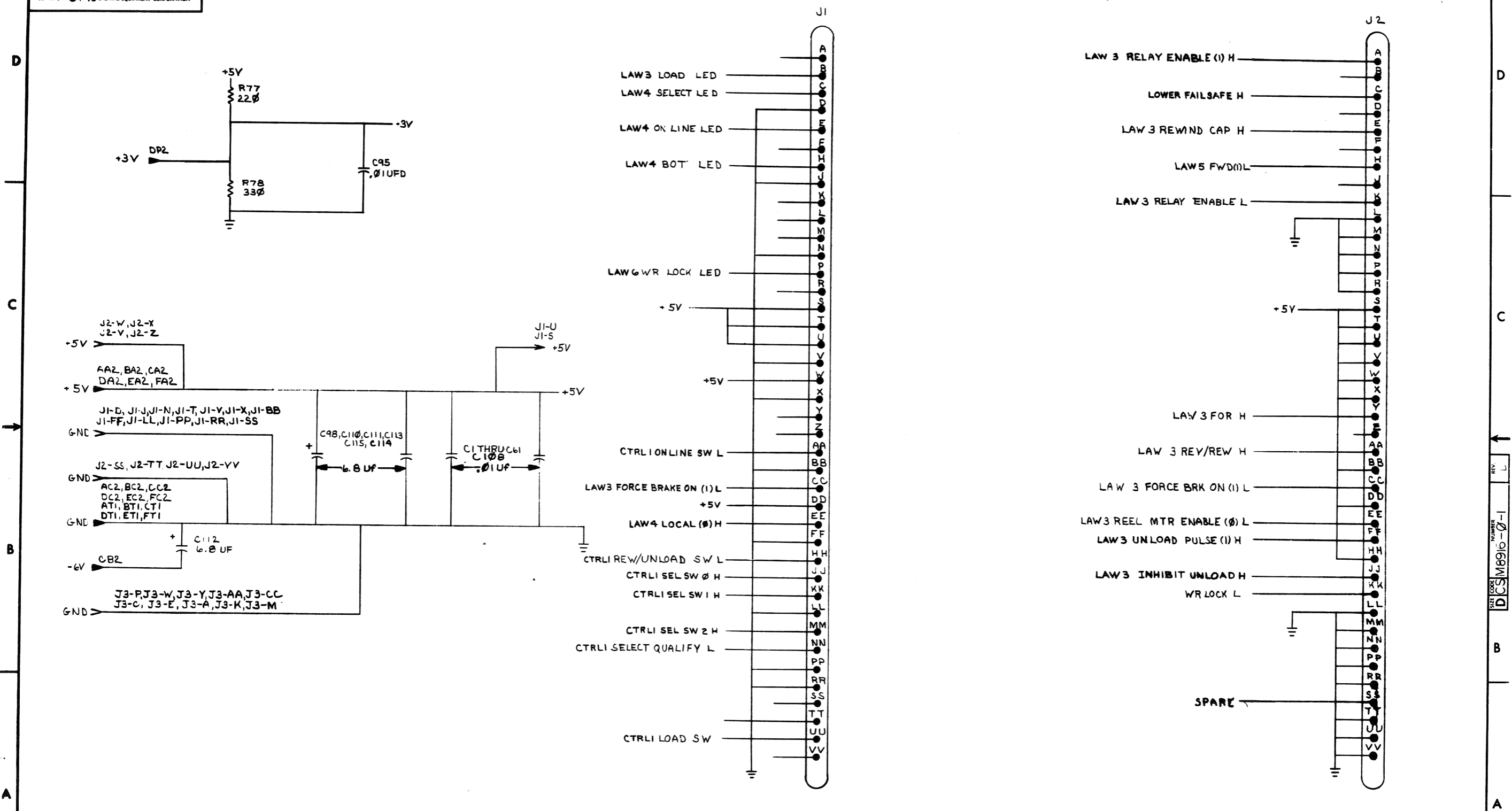
REVISIONS		
CHK	CHANGE NO.	REV.

8	7	6	5	4	3	2	1	
TITLE LOGIC AND WRITE BOARD LAW6 DCS M8916 - 0 - 1						SIZE CODE D	NUMBER 1	REV. 0
SCALE						SHEET 6 OF 7	DIST.	

D C S M8916 - 0 - 1

"THE DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF OTHER EQUIPMENT WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION"

1-0-9168W [CS] D 2

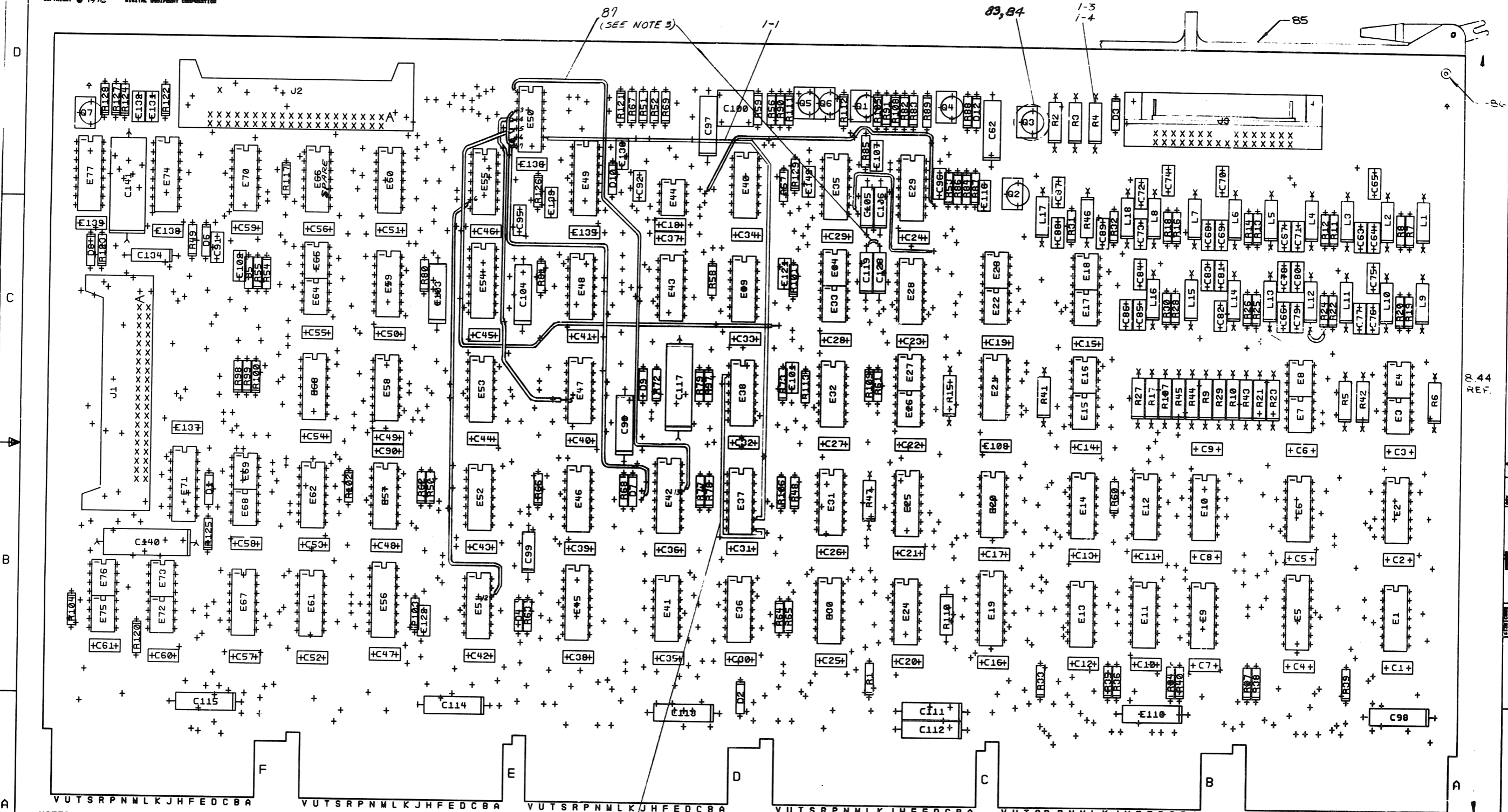


REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	LOGIC AND WRITE BOARD	SIZE CODE	D	NUMBER	CS M8916-0-1	REV.	D
SCALE		SHEET	7	OF	7	DIST.	

REV. L
NUMBER
CS M8916-0-1

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF BUSHNELL TELEPHONY CORPORATION AND SHALL NOT 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 WRITTEN PERMISSION. COPYRIGHT © 1976, BUSHNELL TELEPHONY CORPORATION



NOTES: **REWORK INSTRUCTIONS:**
 1. ~~REMOVE COMPONENTS~~ CUT ARE TO BE INSTALLED WITH * SIDE TOWARD FINGER END.
 2. ETCH 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	10-1-76
2	1	ADD 11 JUMPER WIRES, ITEM 87	10-1-76
3	1	DELETE COMPONENT R4 (P/N 13-00274-00)	10-1-76
4	1	ADD COMPONENT R4 (P/N 13-00195-00)	10-1-76

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

SIGNATURES	DATE
DRN. J. FERGUSON	10-1-76
CHK'D. J. B. ...	10-1-76
ENG. H. ...	10-1-76
PROJ. ENG. G. ...	10-1-76
PROD. M. ...	10-1-76

TITLE: digital
 LOGIC AND WRITE BOARD

SCALE: 2/1
 SHT. 1 OF 4
 NEXT HIGHER ASSY. B-DD-M8916-0

SIZE CODE: 0 JA
 NUMBER: M8916-0-0
 REV: 1

1 MS# 0125
 DUA M8916-0-C
 1 4 7 4

DIGITAL EQUIPMENT CORPORATION

PARTS LIST

QUANTITY / VARIATION

NOTES:

MADE BY H. Weinbrenner	CHECKED <i>P. Basman</i>	SECTION 1
DATE 8/10/76	DATE 17 Nov 76	
ENG <i>G. Deak</i>	PROD <i>A. Dillard</i>	ISSUED SECTION 1
DATE 12/21/76	DATE 21 DEC 76	

USED ON OPTION/MODEL
TE 16

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	REF	QUANTITY	VARIATION	REF DESIGNATION
	B-DD-M8916-Ø		DWG DIRECTORY	REF			
	D-UA-M8916-Ø-Ø		UNIT ASSEMBLY	REF			
	D-CS-M8916-Ø-1		CIRCUIT SCHEMATIC	REF			
	D-MD-5012345-Ø-Ø		DRILL & ETCH DWG	REF			
1		5012345	ETCHED BOARD	1			
2		10-00021-00	CAP 220 PF 100V 5% (DM)	1			C96
3		10-00023-00	CAP 330 PF 100V 5% (DM)	4			C122,C130,C131, C132
4		10-00043-00	CAP 1000 PF 250V 20% (DISC)	3			C121,C133,C142
5		10-00064-00	CAP 3.9 UF 10% 10V (TANT)	6			C99,C105,C106,C119,C123,C134
6		10-00076-00	CAP 39 UF 10% 10V (TANT)	3			C97,C93,C104
7		10-04812-00	CAP 15 UF 20V 10% (TANT)	1			C103
8		10-01774-00	CAP .05 UF 25V 20% (DISC)	1			C100
9		10-02433-00	CAP 22 UF 35V 20% (TANT)	1			C62
10		10-09808-00	CAP 330 UF 20% (TANT)	2			C117,C140
11		10-05306-00	CAP 6.8 UF 35V 10% (TANT)	7			C98, C110 thru C115
12		10-01765-00	CAP 5000 PF 100V 20% (DISC)	11			C64,C69,C71,C73,C76,C79,C82,C85,C88, C107,C116
13		10-01610-01	CAP .01 UF 100V (DISC)	89			C1 thru C61, C65 thru C68,C63,C70,C72, C74,C75,C77,C78,C80,C81,C83,C84,C86,C87, C89,C91,C95,C101,C102,C108,C135 thru C139

E.C.O. NO.
0001
0002

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 . DIGITAL EQUIPMENT CORPORATION"	TITLE	ASSY NO.	SIZE	CODE	NUMBER	REV.
	LOGIC AND WRITE BOARD	D-UA-M8916-0-0	B	PL	M8916-0-0	D
		SHEET 1 OF 5	INSERTION PARTS LIST DATA BASE REV B			

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. Dillard</i>		PROD <i>S. 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

DIGITAL EQUIPMENT CORPORATION

PARTS LIST

QUANTITY / VARIATION

NOTES:

USED ON OPTION/MODEL
TE 16

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	

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

ECO. NO.	
----------	--

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976, DIGITAL EQUIPMENT CORPORATION.	TITLE	ASSY NO.	SIZE	CODE	NUMBER	REV.
	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. Hunt</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

E.C.O. NO.

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION

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				QUANTITY / VARIATION										NOTES:			
PARTS LIST														USED ON: OPTION/MODEL TE16			
MADE BY H. Weinbrenner		CHECKED <i>D. Bosman</i>												REF DESIGNATION			
DATE 8-10-76		DATE 17 Nov 76															
ENG <i>H. Dillard</i>		PROD <i>H. Dillard</i>															
DATE 21-Dec-76		DATE 21 Dec 76															
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION														
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													

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION.

TITLE
LOGIC AND WRITE BOARD

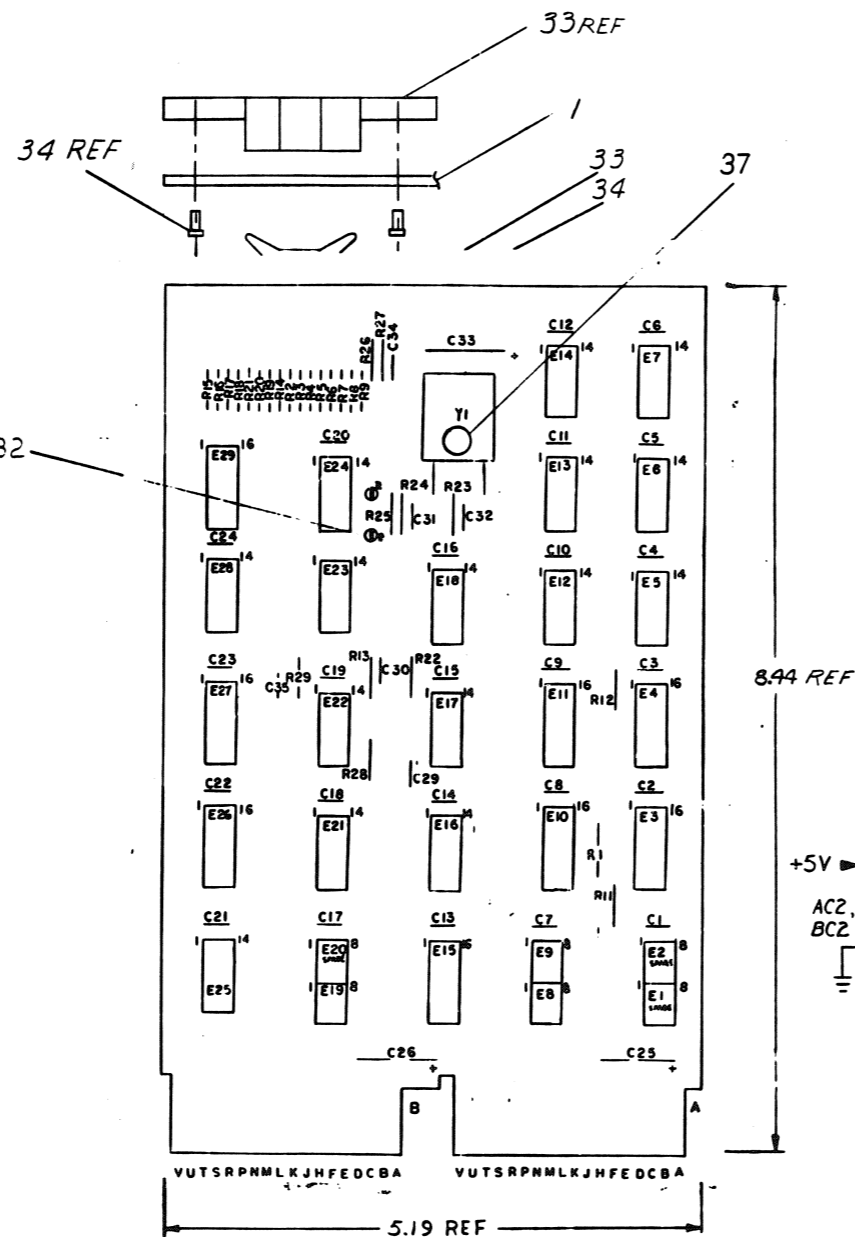
ASSY NO.
D-UA-M8916-0-0
SHEET 5 OF 5

SIZE CODE
B PL
NUMBER
M8916-0-0
INSERTION PARTS LIST DATA BASE REV B

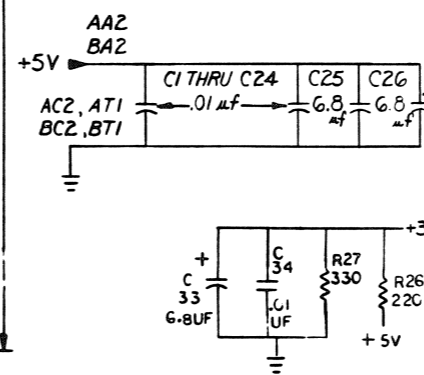
REV.
D

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.
 COPYRIGHT © 1973 DIGITAL EQUIPMENT CORPORATION

NOTES:



REF	REF	REF	REF	REF	REF	X-Y COORDINATE HOLE LOCATION	K-CO-M8911-0-1	REF
REF	REF	REF	REF	REF	REF	ASSY/DRILLING HOLE LAYOUT	D-AH-M8911-0-1	REF
REF	REF	REF	REF	REF	REF	MODULE ECO HISTORY	B-MH-M8911-0-6	REF
1	1	1	1	1	1	ETCHED CIRCUIT BOARD	5010471	1
25	25	25	25	25	25	C1 THRU C24, C34	CAP .01UF	1001610
2	2	2	2	2	2	C29, C30	CAP 1000PF	1003042
2	2	2	2	2	2	C31, C32	CAP .047UF	1009678
3	3	3	3	3	3	C25, C26, C33	CAP 6.8UF	1005306
3	3	3	3	3	3	R13, R17, R28	RES 330 1/4W 5%	1300295
3	3	3	3	3	3	R23 THRU R25	RES 10K 1/4W 5%	1300479
17	17	17	17	17	17	R1 THRU R9, R14 THRU R21	RES 27K 1/4W 5%	1300426
3	3	3	3	3	3	R11, R12, R22	RES 1K 1/4W 5%	1300365
2	2	2	2	2	2	R26, R29	RES 220 1/4W 5%	1300271
1	1	1	1	1	1	Y1	CRYSTAL 2.304 MHZ	1811110
2	2	2	2	2	2	E23, E28	IC 74197	1910035
3	3	3	3	3	3	E6, E12, E25	IC 7404	1909686
3	3	3	3	3	3	E3, E4, E10	IC 74161	1910650
3	3	3	3	3	3	E5, E13, E18	IC 7402	1909004
1	1	1	1	1	1	E11	IC 7476	1905585
2	2	2	2	2	2	E15, E26	IC 8266	1909934
2	2	2	2	2	2	E7, E14	IC 11380	1911113
1	1	1	1	1	1	E24	IC 380	1912549
3	3	3	3	3	3	E8, E9, E19	IC 75452	1910645
1	1	1	1	1	1	E17	IC 7400	1905575
1	1	1	1	1	1	E16	IC 7408	1910155
1	1	1	1	1	1	E22	IC 7486	1910011
1	1	1	1	1	1	E21	IC 7430	1905578
-	-	-	-	-	-	E27	ROM, MOTION DELAY, 3TRK	23067A1
1	1	1	1	1	1	E29	ROM, SKEW DELAY	23089A1
-	-	-	-	-	-	E27	ROM, MOTION DELAY FOR M8911-YB	23180A1
-	-	-	-	-	-			
-	-	-	-	-	-			
2	2	2	2	2	2		LUG, SFLIT	9006735
2	2	2	2	2	2		HANDLE, FLIP CHIP, MAGENTA	9008337-6
4	4	4	4	4	4		EYELET	9006732
1	1	1	1	1	1		C35	CAP .005UF, 100V, 20%, DISC
-	-	-	-	-	-		E27	ROM, MOTION DELAY, TRK
1	1	1	1	1	1		E27	BUMPER, RUBBER SELF STICK
-	-	-	-	-	-		E27	PROM, MOTION DELAY, GAPLESS
1	-	-	-	-	-		E27	PROM, MOTION DELAY, SHORT BOT



IC TYPE	GND	+5V
5600	8	16
8266	9	16
75452	4	8
7476	13	5
74161	8	16
IC TYPE	GND	+5V

GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE.

IC PIN LOCATIONS

REV	DATE	BY	CHK
1	2-5-78	H. DRAB	
2	2-5-78	H. DRAB	
3	2-5-78	H. DRAB	
4	2-5-78	H. DRAB	
5	2-5-78	H. DRAB	
6	2-5-78	H. DRAB	
7	2-5-78	H. DRAB	
8	2-5-78	H. DRAB	
9	2-5-78	H. DRAB	
10	2-5-78	H. DRAB	
11	2-5-78	H. DRAB	
12	2-5-78	H. DRAB	
13	2-5-78	H. DRAB	
14	2-5-78	H. DRAB	
15	2-5-78	H. DRAB	
16	2-5-78	H. DRAB	
17	2-5-78	H. DRAB	
18	2-5-78	H. DRAB	
19	2-5-78	H. DRAB	
20	2-5-78	H. DRAB	
21	2-5-78	H. DRAB	
22	2-5-78	H. DRAB	
23	2-5-78	H. DRAB	
24	2-5-78	H. DRAB	
25	2-5-78	H. DRAB	
26	2-5-78	H. DRAB	
27	2-5-78	H. DRAB	
28	2-5-78	H. DRAB	
29	2-5-78	H. DRAB	
30	2-5-78	H. DRAB	
31	2-5-78	H. DRAB	
32	2-5-78	H. DRAB	
33	2-5-78	H. DRAB	
34	2-5-78	H. DRAB	
35	2-5-78	H. DRAB	
36	2-5-78	H. DRAB	
37	2-5-78	H. DRAB	

FIRST USED ON OPTION MODEL: TU16

ETCH BOARD REV: F

SEMICONDUCTOR CONVERSION CHART

DEC. NO.	EIA NO.	DEC. NO.	EIA NO.

REVISIONS:

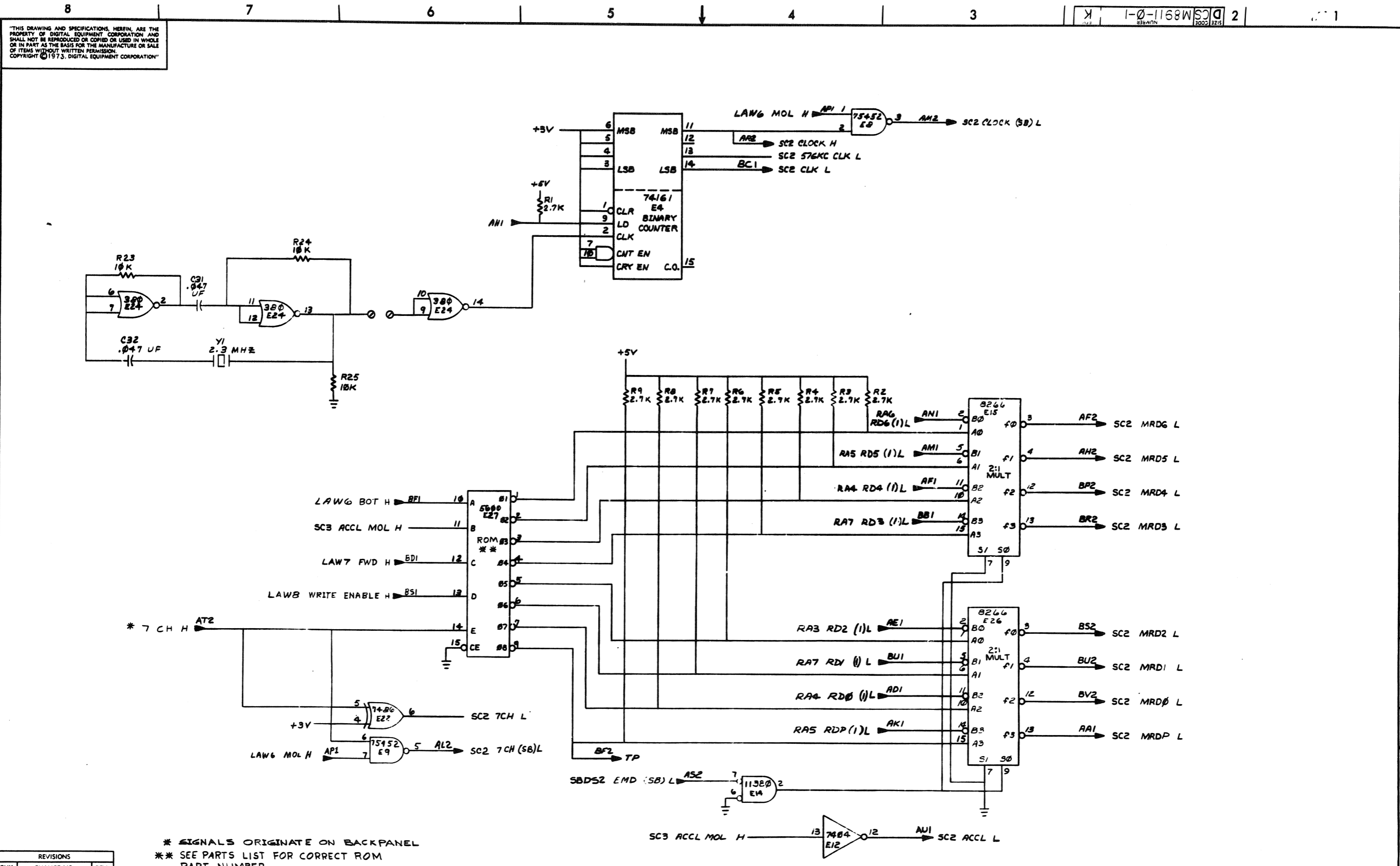
DATE: 10-17-78
 BY: U.B. Bennett
 CHECKED: J. H. Bennett
 DATE: 2/28/79
 DATE: 3-6-79
 DATE: 3-6-79
 DATE: 5-7-79

TITLE: SLAVE CLOCK (SCI) MOTION DELAY

SIZE CODE: DCS M8911-0-1

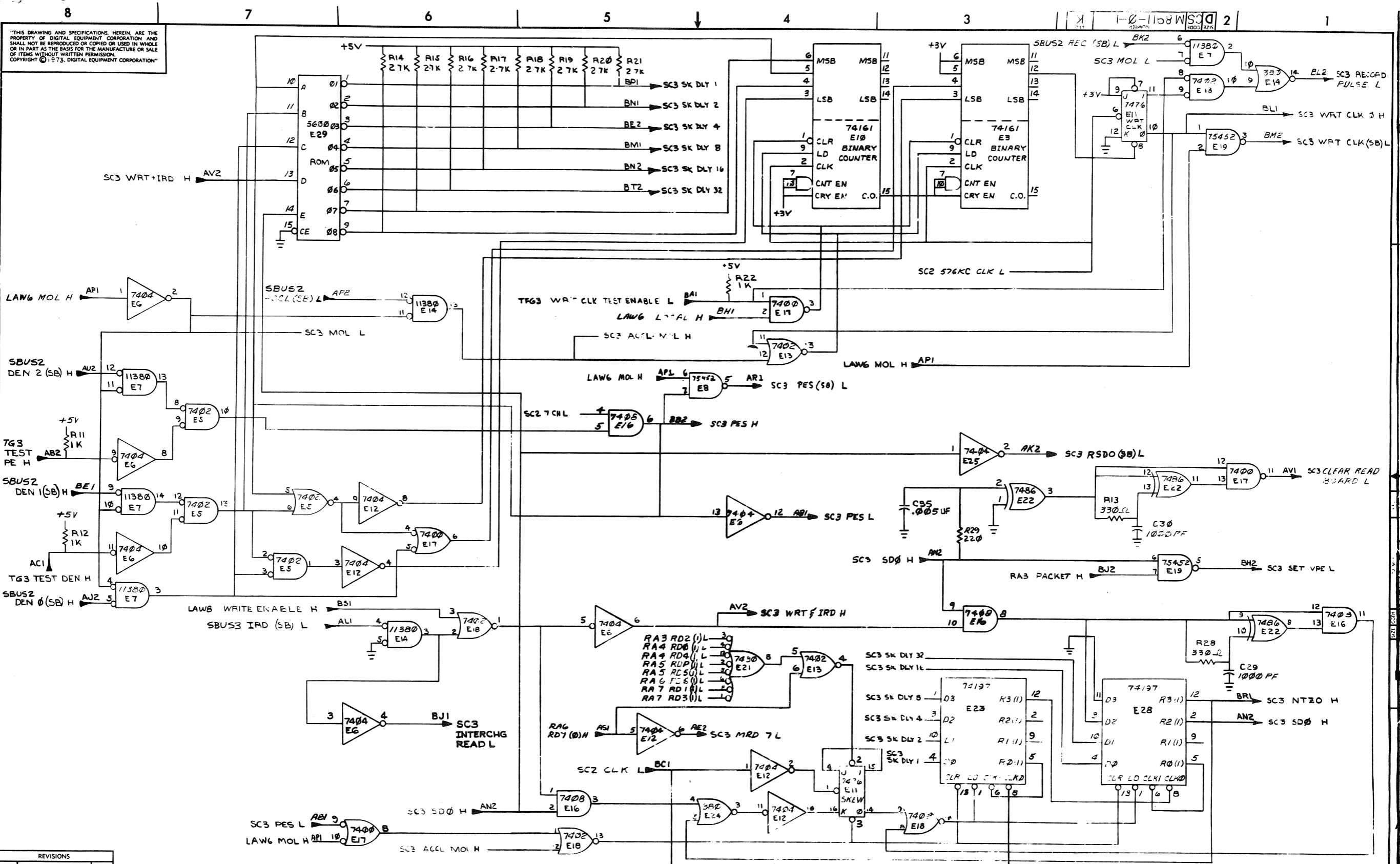
SHEET 1 OF 3

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1973, DIGITAL EQUIPMENT CORPORATION"



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

REVISIONS		
CHK	CHANGE NO.	REV.



THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1973, DIGITAL EQUIPMENT CORPORATION

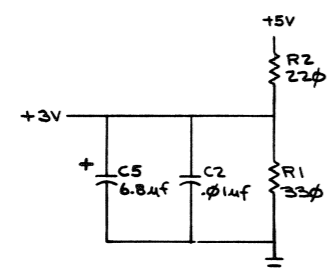
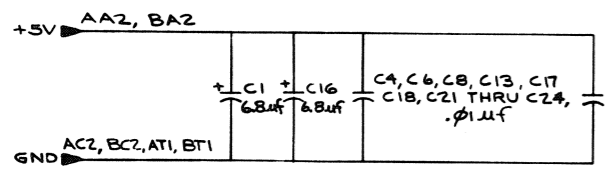
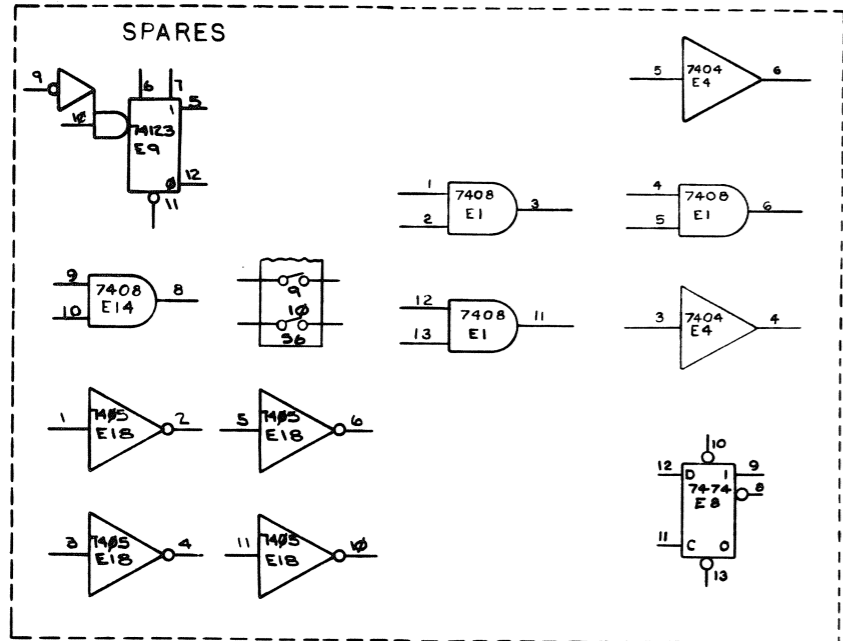
REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	SLAVE CLK MOTION DLY (SC3)	SIZE CODE	D CS	NUMBER	M8911-0-1	REV.	K
SCALE		SHEET	30F3	DIST.			

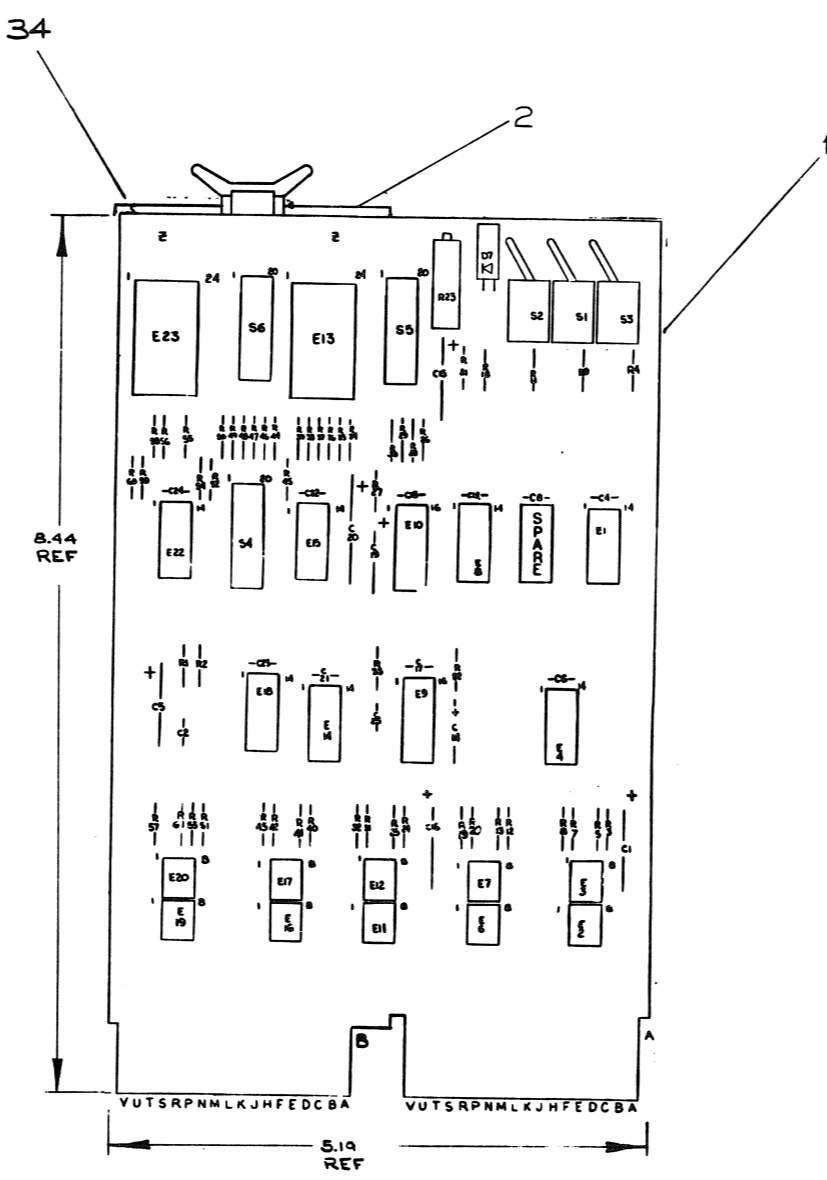
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1973, DIGITAL EQUIPMENT CORPORATION

NOTES:

DASH VAR	DESCRIPTION
-01	TWO PARTS IN ONE 16 PIN CARRIER



IC TYPE	QTY	LOCATIONS
74199	12	24
74552	4	8
74123	8	16
IC TYPE	QTY	+5V
GND AND +V ARE USUALLY PIN 7 AND 14 RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE.		
IC PIN LOCATIONS		



REF	QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
REF		X-Y COORDINATE HOLE LOCATION	K-CO-M8912-Q-4		REF
REF		ASSY/DRILLING HOLE LAYOUT	D-AH-M8912-Q-5		REF
REF		MODULE ECO HISTORY	B-MH-M8912-Q-6		REF
1		ETCHED CIRCUIT BOARD	5010674		1
1		HANDLE, FLIP-CHIP, MAGENTA	9008331-06		2
					3
1		C25	CAP 470 Pf 100V 5% D.M.	1000024	4
2		C14, C19	CAP 3.9uf 100V 10% TANT	1000064	5
11		C2, C4, C17, C18, C21-24, C6, C8, C13	CAP .01uf 100V 20% DISC	1001610-01	6
1		C15	CAP 10uf 20V 10% TANT	1004813	7
1		C20	CAP 100uf 20V 10% TANT	1004815	8
3		C1, C5, C16	CAP 6.8uf 35V 10% TANT	1005306	9
					10
1		D7	DIODE, LIGHT EMITTING	1110324	11
1		R33	RES 150 1/4 W 5%	1300250	12
1		R2	RES 220 1/4 W 5%	1300271	13
1		R1	RES 330 1/4 W 5%	1300295	14
5		R4, R8, R11, R10, R61	RES 1K 1/4 W 5%	1300365	15
					16
43		R3, R5, R7, R9, R12, R13, R14 THRU R21, R24, R25, R26, R28 THRU R32, R34 THRU R39, R41 THRU R60	RES 4.7K 1/4 W 5%	1300447	16
1		R22	RES 10K 1/4 W 5%	1300479	17
1		R27	RES 15K 1/4 W 5%	1300496	18
1		R18	RES 270 1/4 W 5%	1301972	19
1		R23	RES 50K 3/4 W 10% 76 PR	1309143-13	20
					21
					22
					23
1		E4	IC 7404	1904080	24
2		E15, E22	IC 74197	1910035	25
2		E1, E14	IC 7408	1910155	26
2		E9, E10	IC 74123	1910430	27
5		(E2-E3), (E6-E7), (E11-E12), (E16-E17), (E19-E20)	IC 75452	1910445-01*	28
2		E13, E23	IC 74199	1910842	29
1		E8	IC 7474	1905347	30
1		E18	IC 7405	1909930	31
3		S1, S2, S3	SWITCH, TOGGLE	1210209-00	32
3		S4, S5, S6	SWITCH, DIP OF 10	1211164-06	33
2			EYELET	9006732	34

* NOTE

FIRST USED ON OPTION MODEL
TUIG

ETCH BOARD REV D

DATE 12-5-73
DATE 12/5/73
DATE 11/3/74
DATE 11/6/74
DATE 1-2-74

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE
SLAVE TEST (TFGI)
FUNCTION GENERATOR

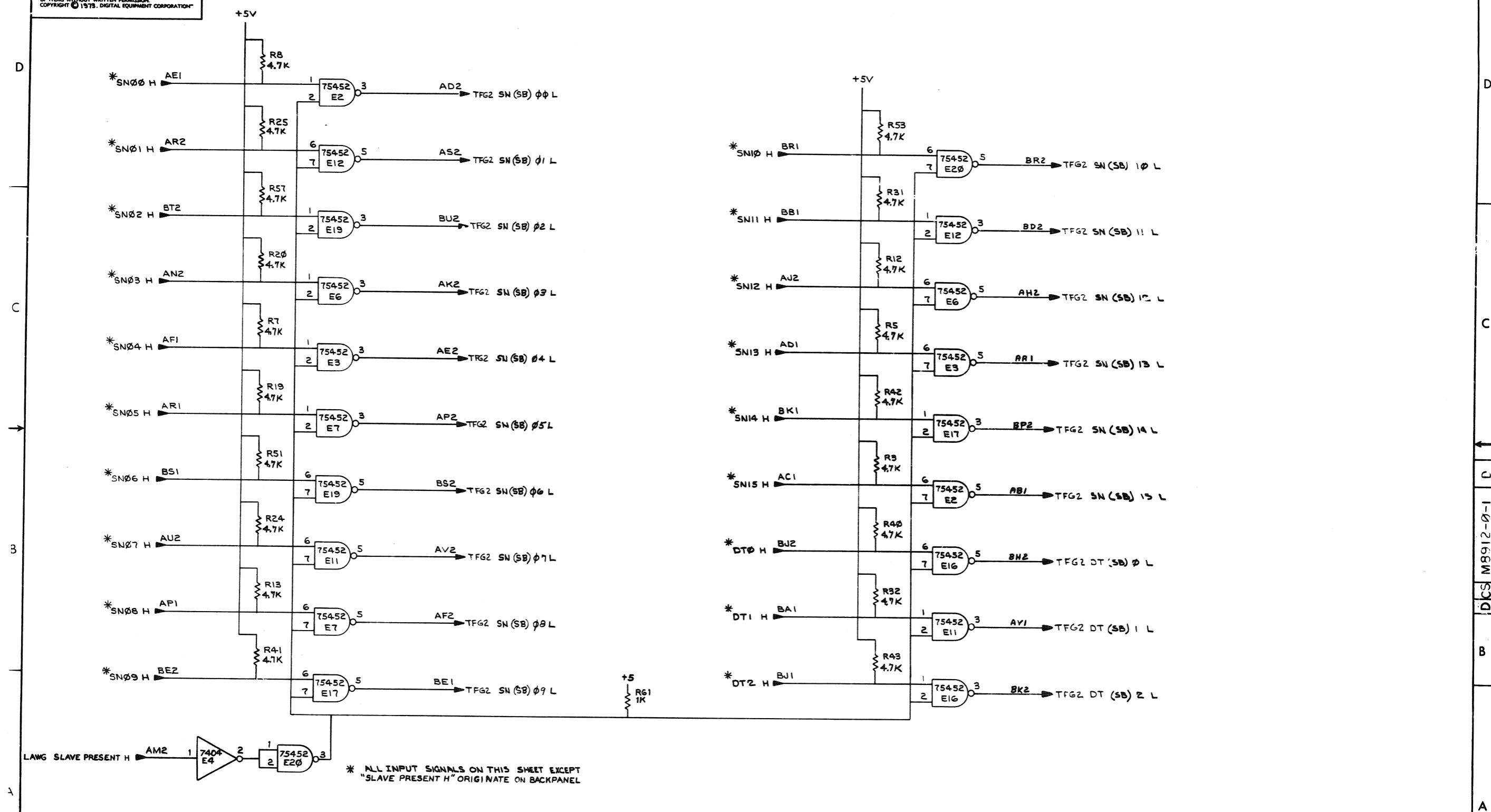
REV. D

SCALE 1 OF 3

SEMICONDUCTOR CONVERSION CHART

REV	DATE	DESCRIPTION
1	12-5-73	INITIAL DESIGN
2	12/5/73	REVISED
3	11/3/74	REVISED
4	11/6/74	REVISED
5	1-2-74	REVISED

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1975, DIGITAL EQUIPMENT CORPORATION"



REVISIONS		
CHK	CHANGE NO.	REV.

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1973, DIGITAL EQUIPMENT CORPORATION"

** TFG3 FOURTH ONE SHOT L

TFG3 FIRST ONE SHOT L

** TFG3 3RD ONE SHOT H

TFG3 FOURTH ONE SHOT H

** TFG3 FOURTH ONE SHOT -

** 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

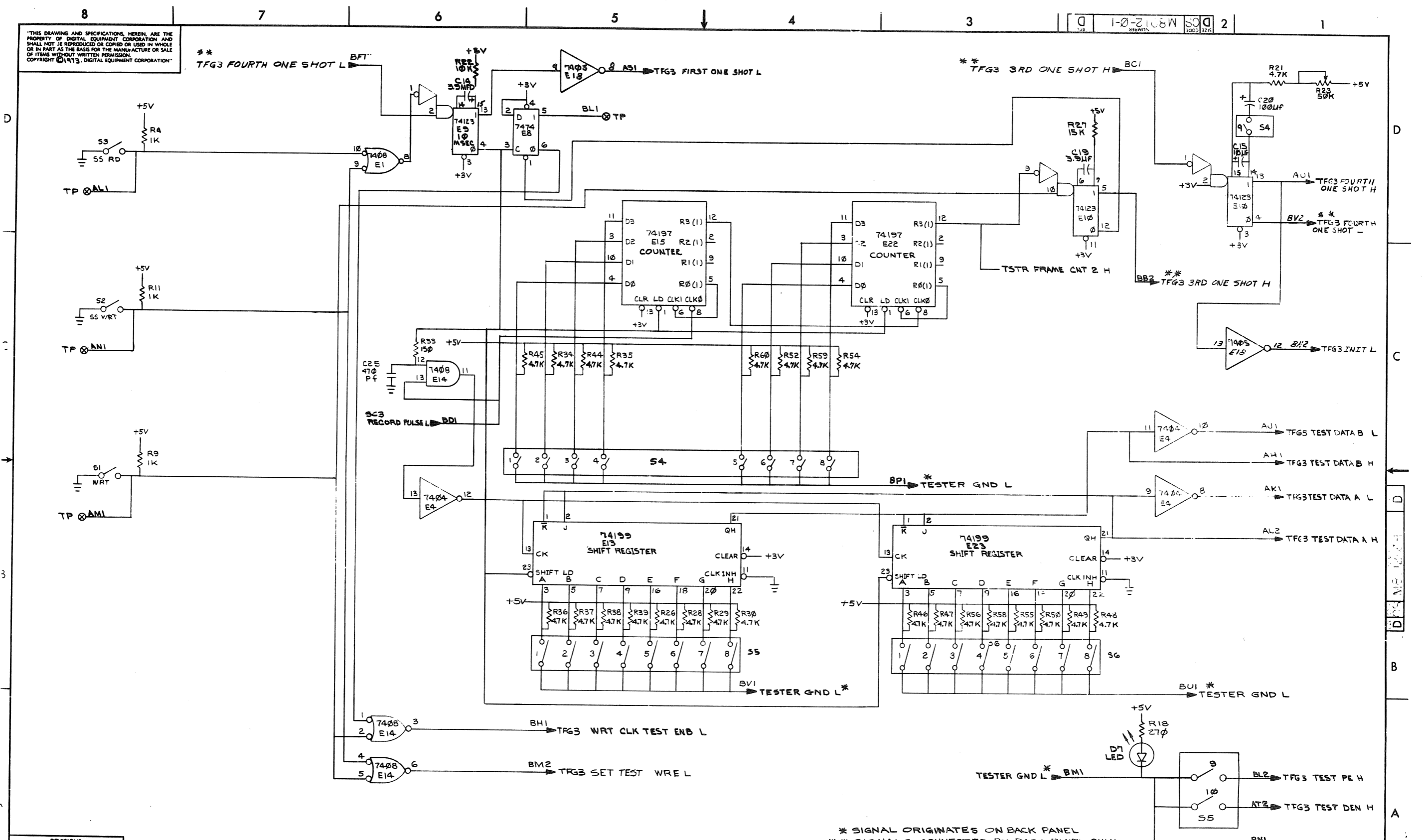
TFG3 WRT CLK TEST ENB L

TFG3 SET TEST WRE L

TFG3 TEST PE H

TFG3 TEST DEN H

TFG3 TESTER ENABLE L



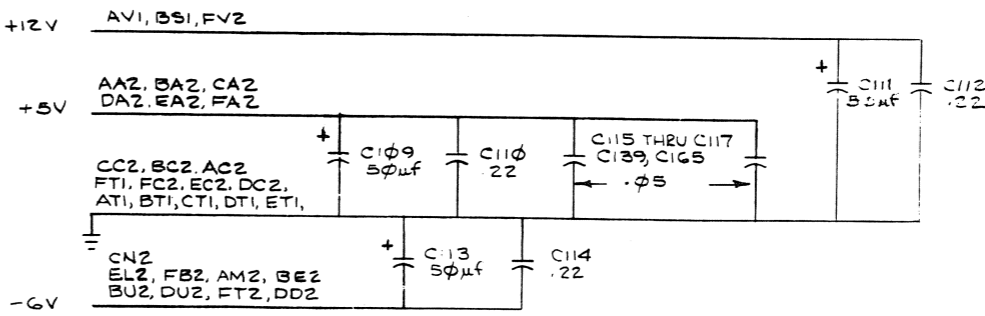
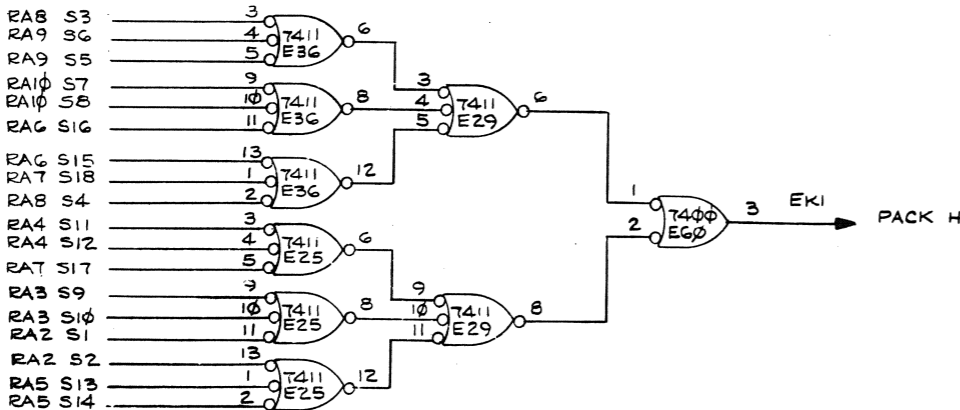
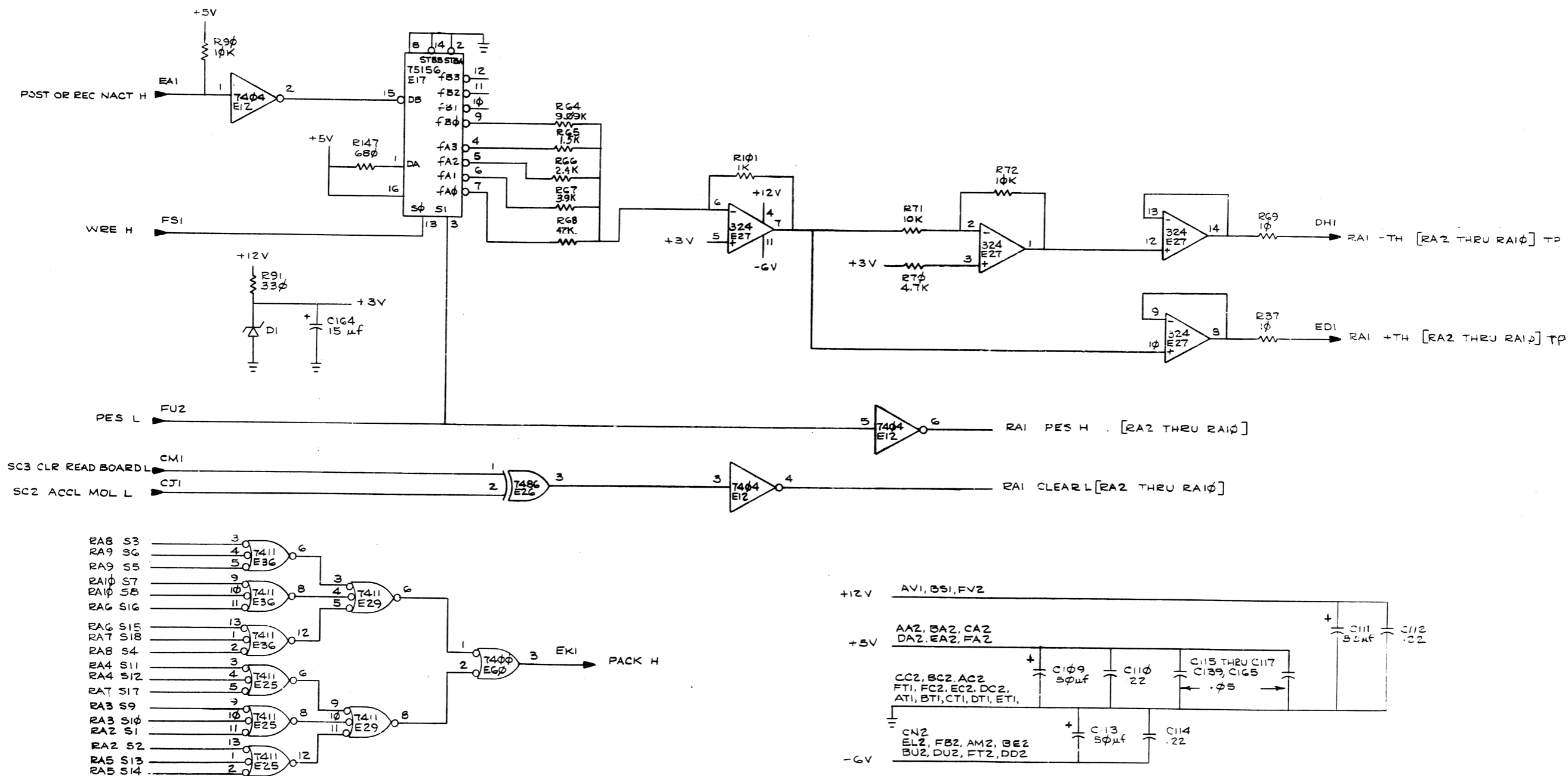
* SIGNAL ORIGINATES ON BACK PANEL
** SIGNALS CONNECTED BY BACK PANEL ONLY

REVISIONS		
CHK	CHANGE NO.	REV.

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

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION

NOTE:
1. ALL RESISTORS ARE 1/4W ±5%
UNLESS OTHERWISE SPECIFIED

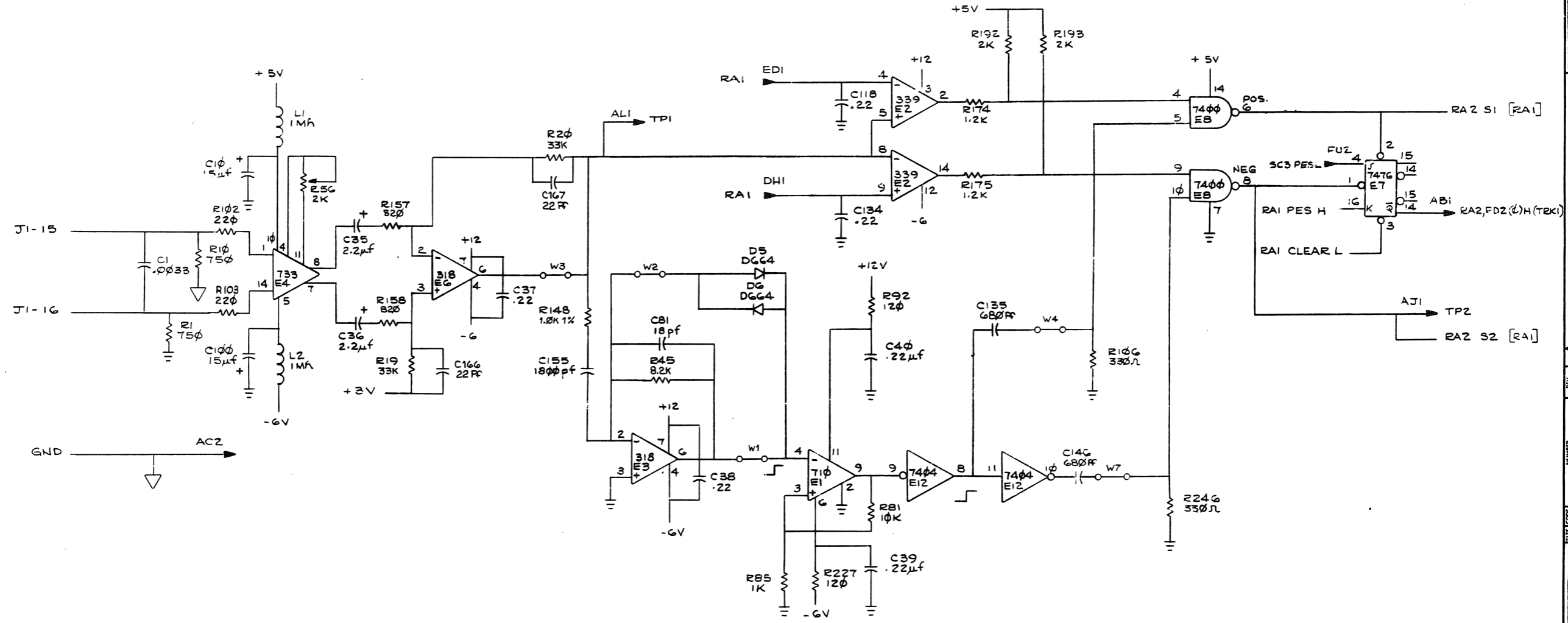


REV.	CHG	NO.	DATE	BY
C		00001	11/17/76	H. DRAB
D		00002	11/17/76	H. DRAB
E		00003	11/17/76	A. KORELITZ

DRN. 11/17/76	FIRST USED ON	digital
CHK'D. 11/17/76	TU16	
ENG. 11/17/76	TITLE	9TK TU16 READ AMP (RA)
PROJ. ENG. 11/17/76	SCALE	1/1
PROD. 11/17/76	SHEET	1 OF 10
NEXT HIGHER ASSY.	SIZE	D
JA-6065-2-0	CODE	CS
	NUMBER	G066-0-1
	REV.	E

"THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION"

DCS 9909 2

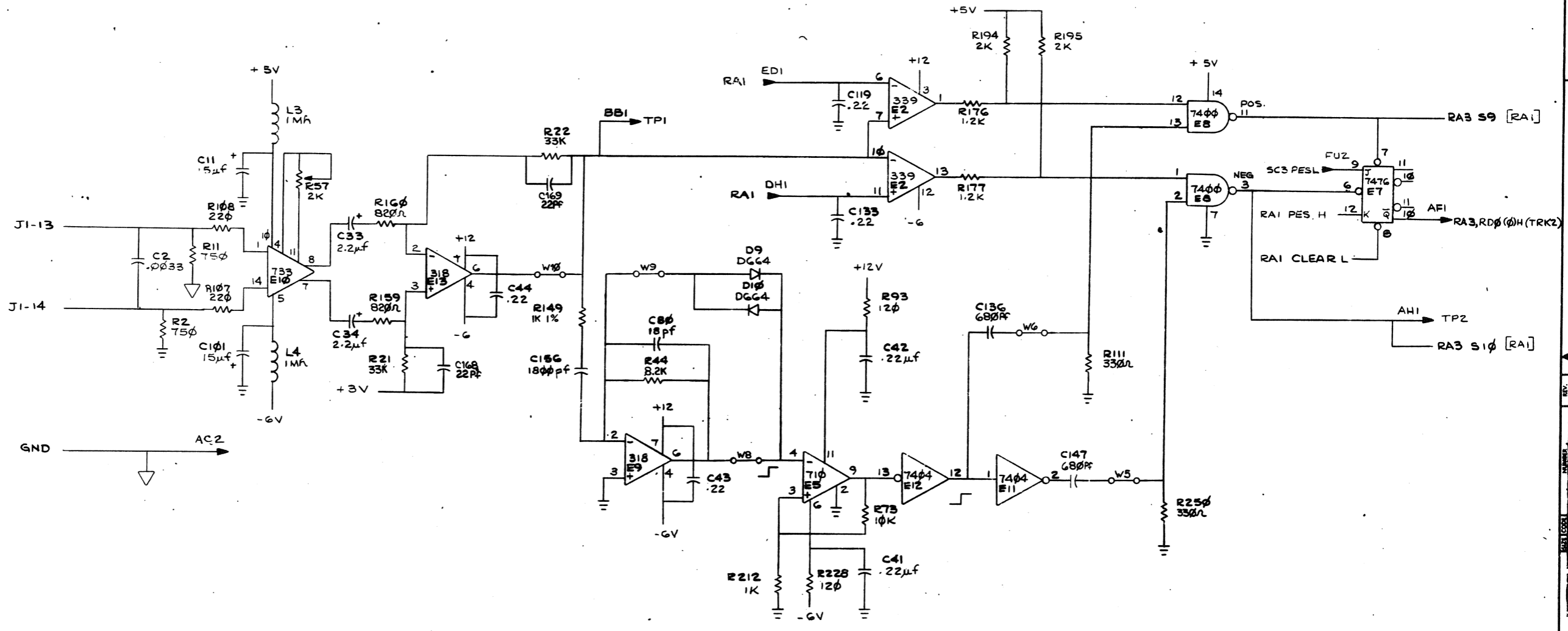


REVISIONS		
CHK	CHANGE NO.	REV.

TITLE 9TK TUI6
READ AMP (RA2)
SCALE / / SHEET 2 OF 10
SIZE CODE DCS
NUMBER G066-0-1
REV. E

THE DRAWING AND SPECIFICATIONS HEREON ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL BE KEPT CONFIDENTIAL OR COPIED OR USED IN WHOLE OR IN PART FOR THE MANUFACTURE OR SALE OF REPRODUCIBLES WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION

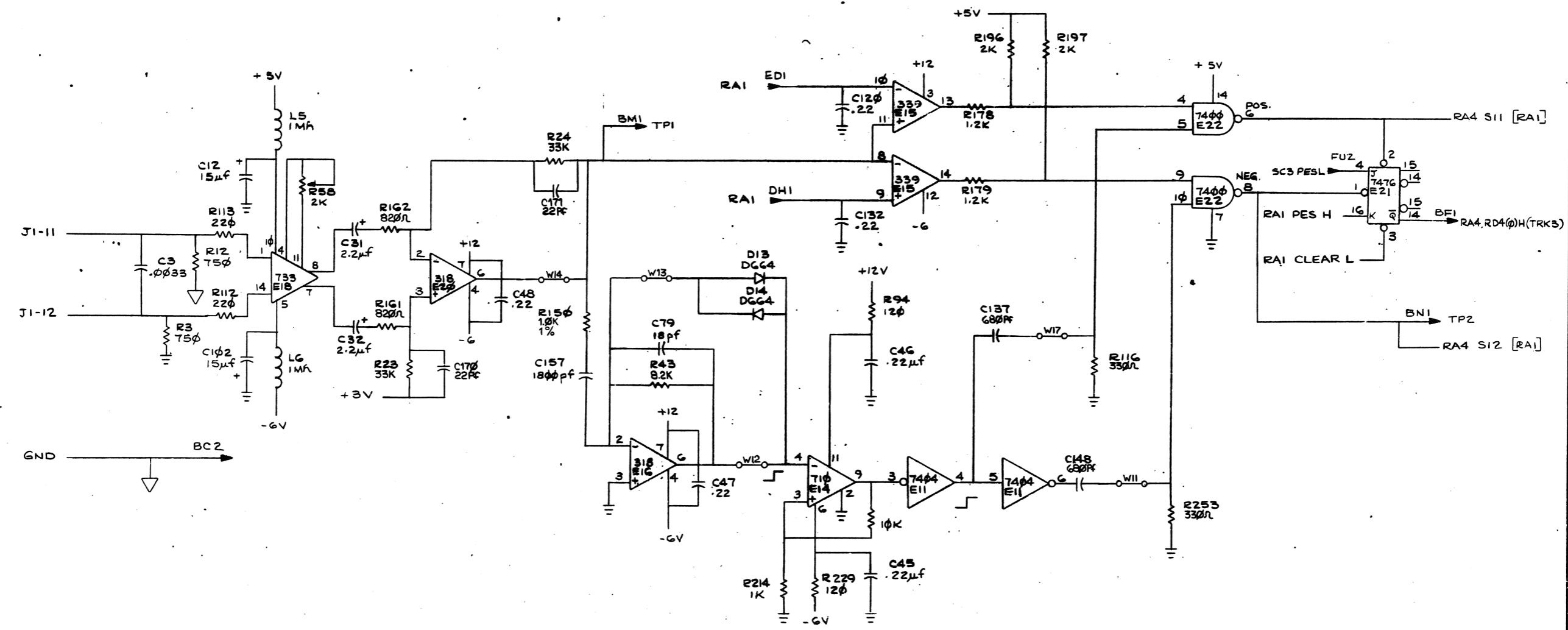
3 1-0-9909 SQD 2



REV.	DATE	BY

TITLE	97K TU16 READ AMP (RA3)	SIZE CODE	DCS G066-0-1	NUMBER		REV.	E
SCALE		SHEET	3 OF 10	DIST.			

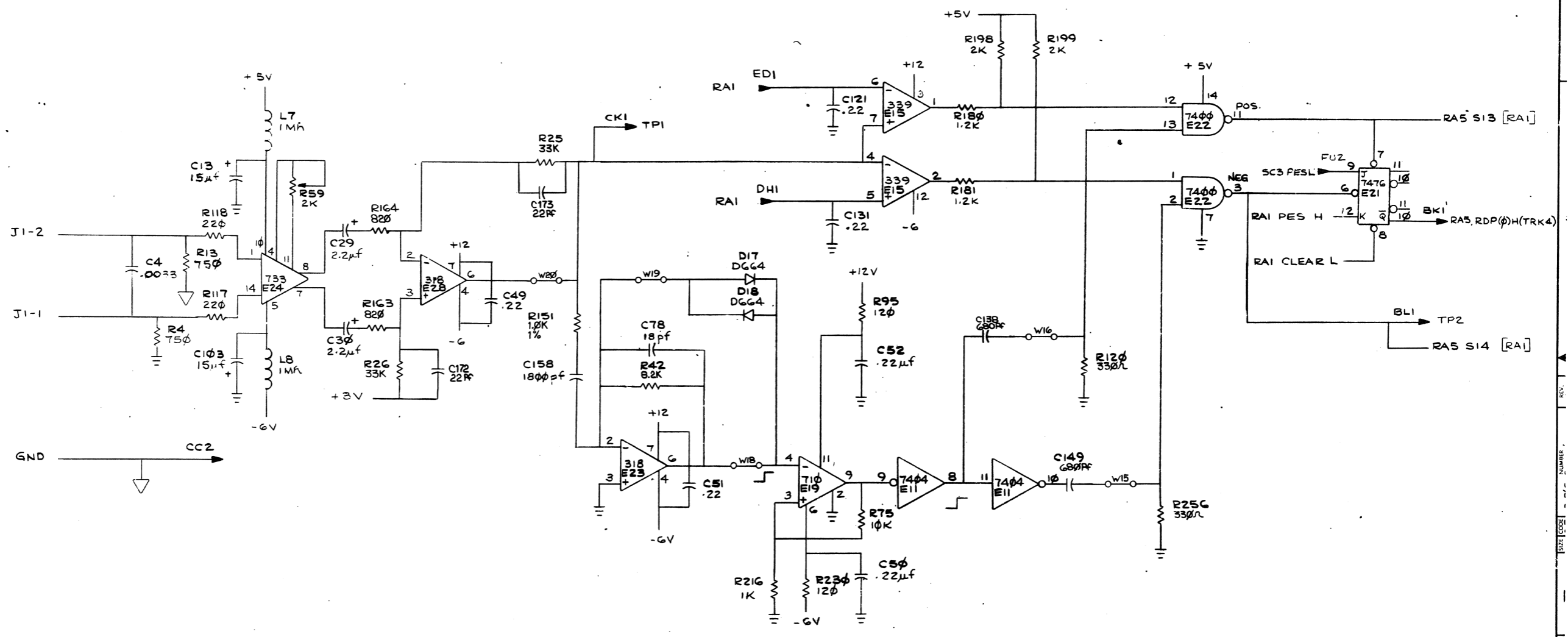
THIS DRAWING AND SPECIFICATIONS HEREON ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF THIS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1971, DIGITAL EQUIPMENT CORPORATION



CHK	CHANGE NO.	REV.

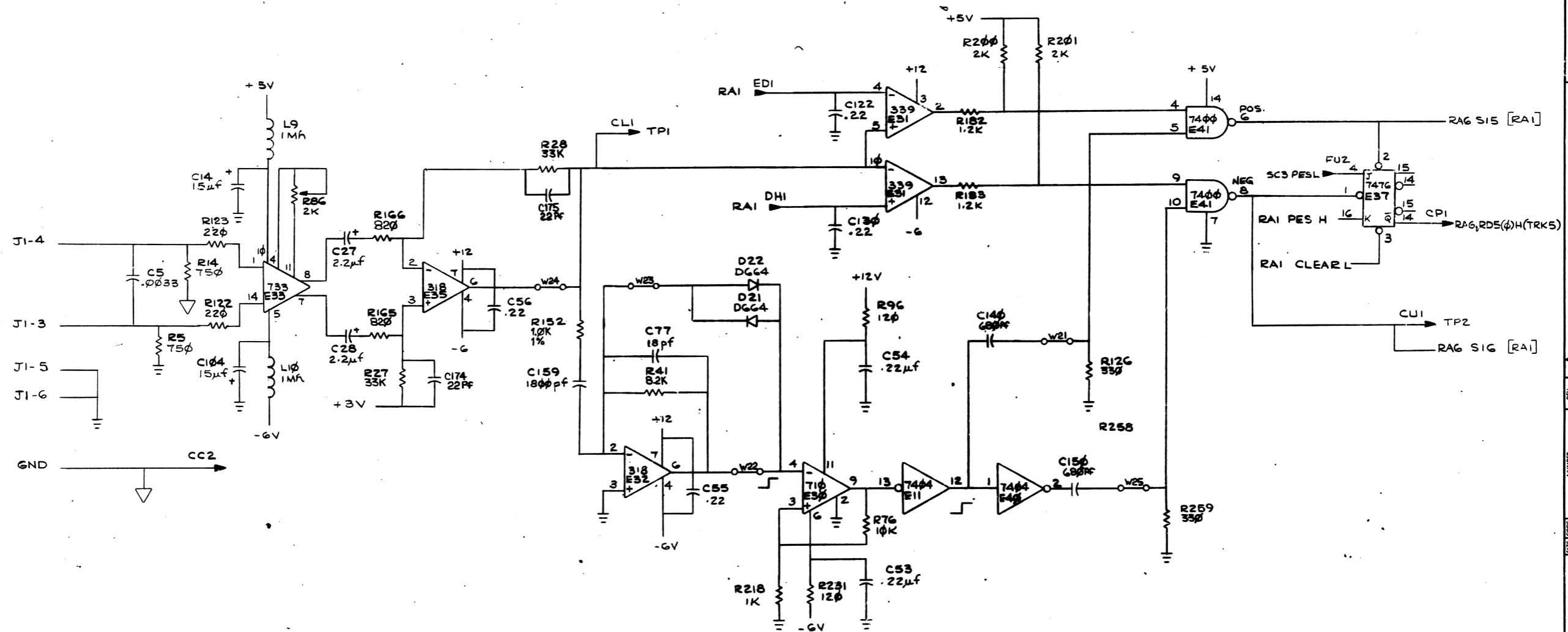
TITLE	9TK TU16 READ AMP (RA4)	SIZE CODE	D CS	NUMBER	G066-0-1	REV.	E
SCALE		SHEET	4	OF	10	DIST.	

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1971 DIGITAL EQUIPMENT CORPORATION



REVISIONS		
CHK	CHANGE NO.	REV.

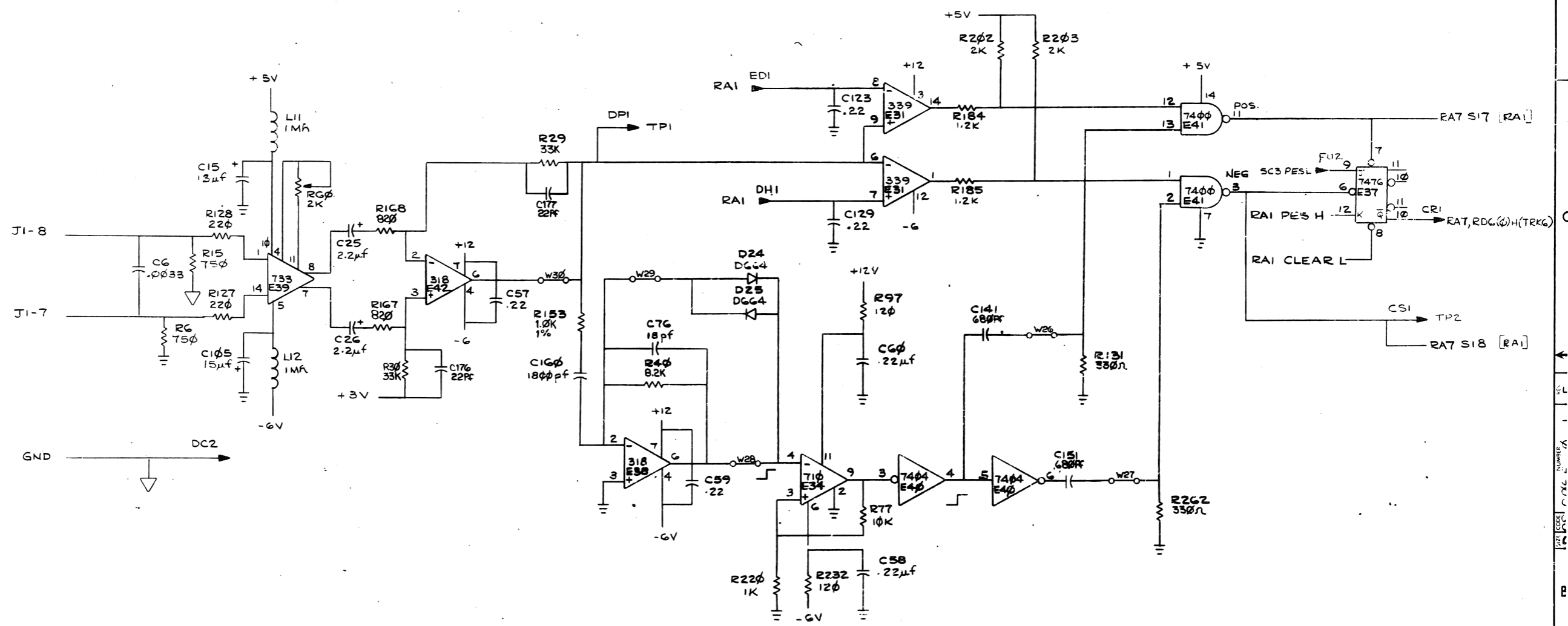
"THE DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976, DIGITAL EQUIPMENT CORPORATION"



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	9TK TU16 READ AMP (RA6)	SIZE CODE	D CS	NUMBER	G066-0-1	REV.	E
SCALE		SHEET	6	OF	10	DIST.	

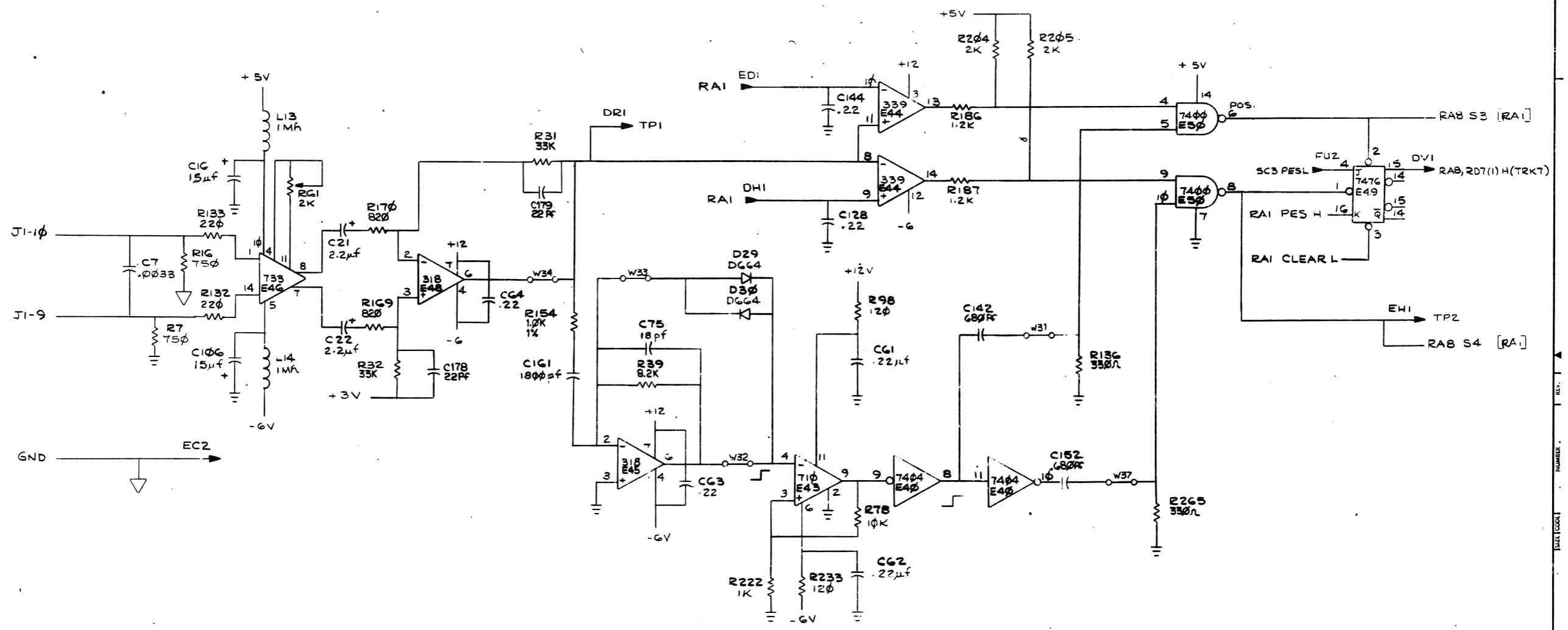
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1971, DIGITAL EQUIPMENT CORPORATION



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	9TK TU16 READ AMP (RA7)	SIZE CODE	D	NUMBER	CS 66-0-1	REV.	E
SCALE		SHEET	7	OF	10	DIST.	

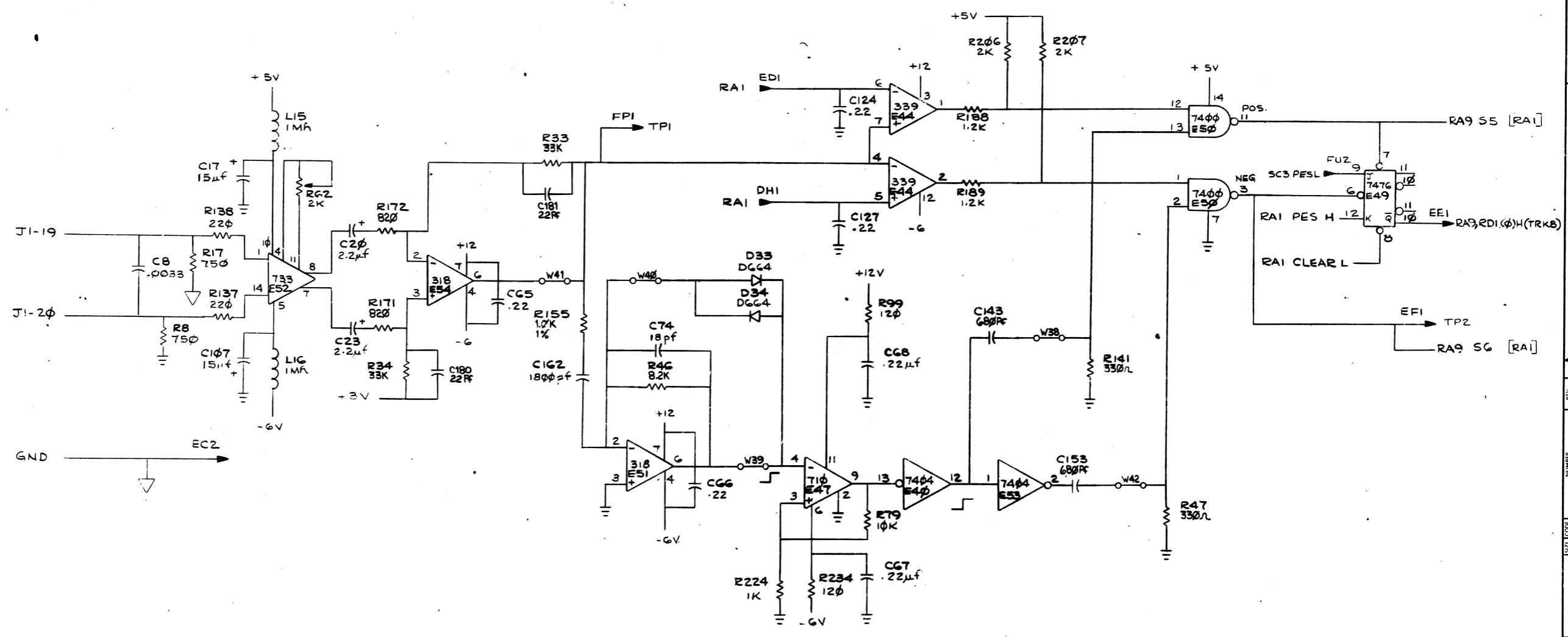
THE DESIGN AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL BE KEPT CONFIDENTIAL. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976, DIGITAL EQUIPMENT CORPORATION



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE: 9TK TU16 READ AMP (RAB)
 SIZE CODE: DCS
 NUMBER: 6066-0-1
 SHEET 8 OF 10
 SCALE: /

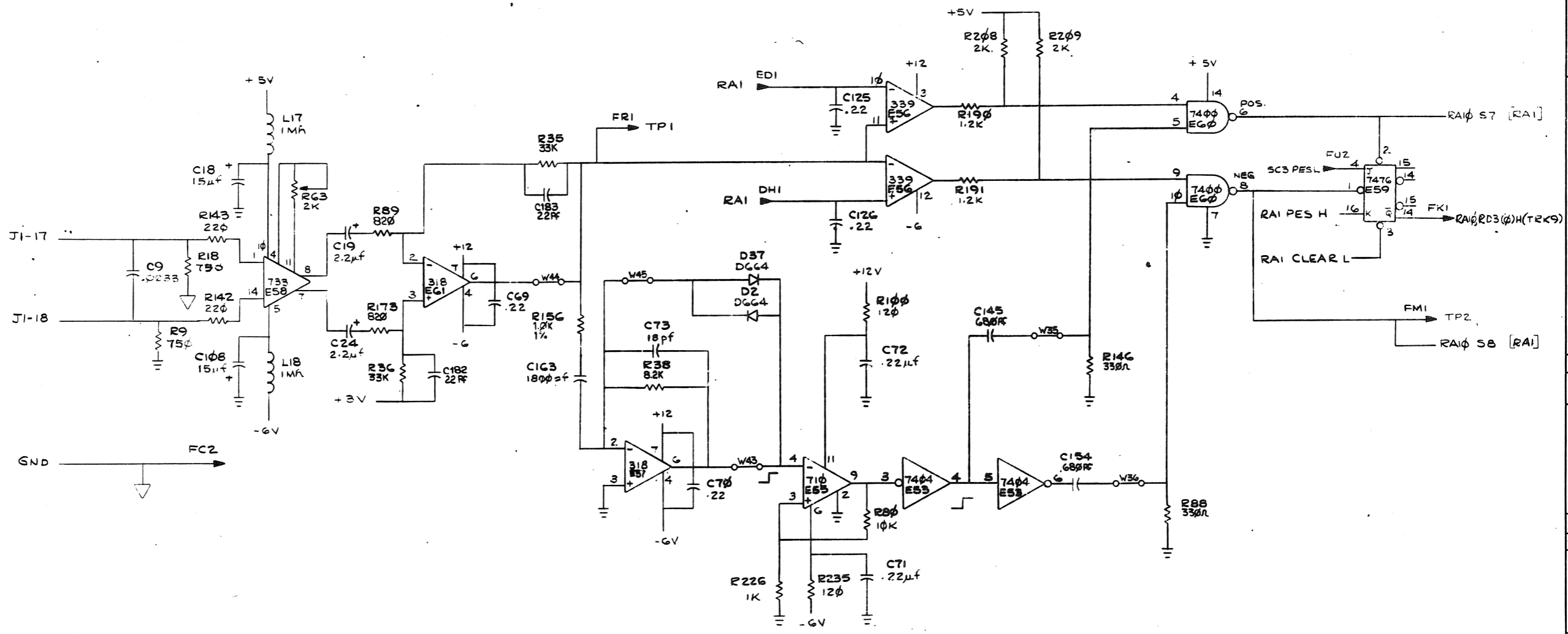
"THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976, DIGITAL EQUIPMENT CORPORATION"



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	9TK TU16 READ AMP (RA9)	SIZE CODE	D CS	NUMBER	G066-0-1	REV.	E
SCALE		SHEET	9	OF	10	DIST.	

"THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION"



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE 9TK TU16 READ AMP (RAIO)		SIZE CODE D CS	NUMBER G066-0-1	REV. E
SCALE	SHEET 1 OF 10	DIST.		

THIS DRAWING AND SPECIFICATIONS, GENERAL, AND THE PROPERTY OF THE COMPANY. IT IS TO BE KEPT IN CONFIDENCE AND NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART ON THE BASIS OF THE INFORMATION ON THIS DRAWING WITHOUT THE WRITTEN PERMISSION OF THE COMPANY.

DATE: 11/27/77

DESIGNER: [Signature]

CHECKED: [Signature]

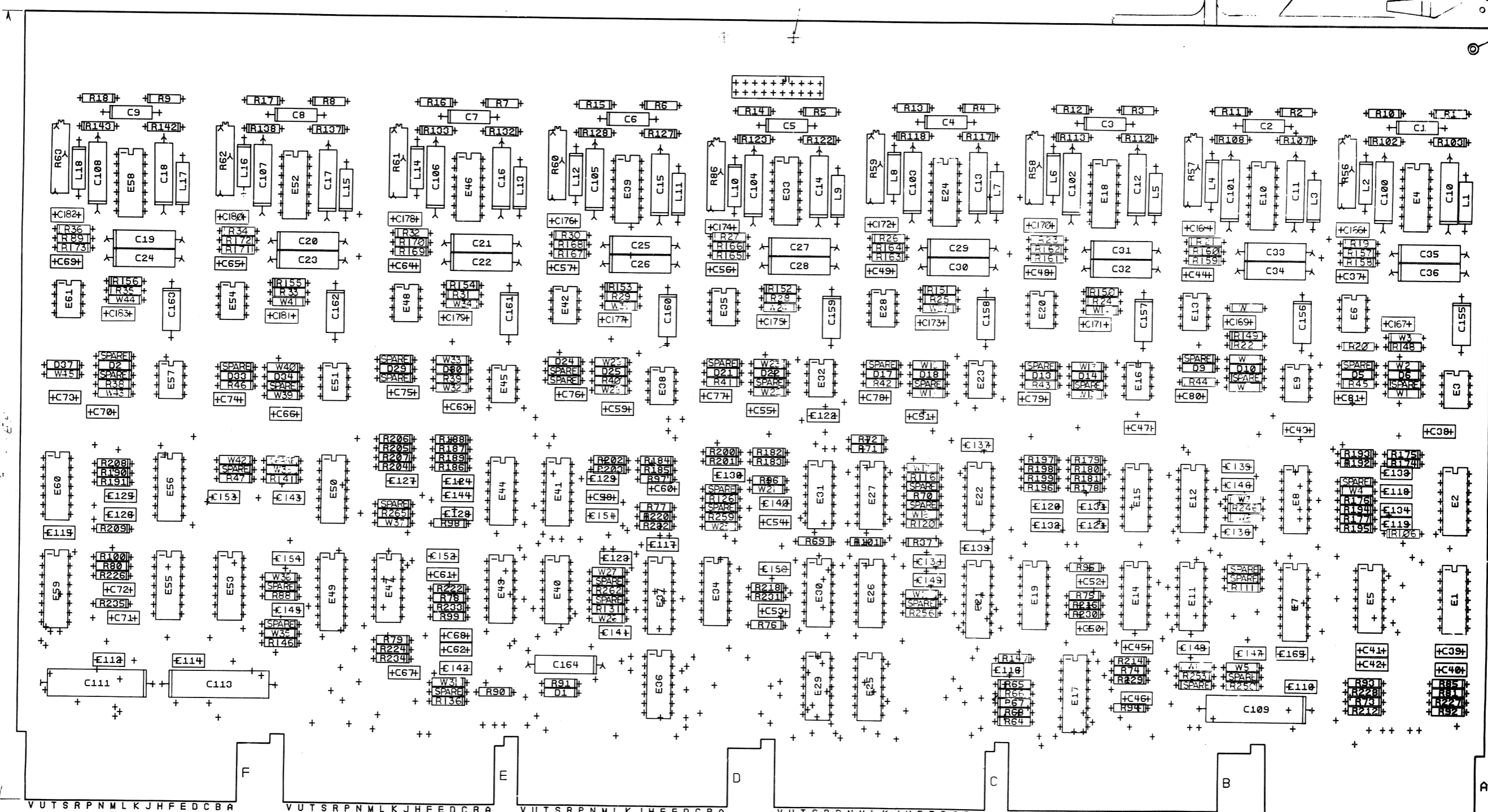
APPROVED: [Signature]

0-0-9900

COMPONENT SIDE VIEW

45

47



NOTES: 1. DO NOT INSTALL 2 EYELETS IN HANDLE HOLE(S) INDICATED. REWORK INSTRUCTIONS ECO #1

COMPONENT DELETE SIDE 1
1-2. R66 (PIN 1300439)
COMPONENT ADDS SIDE 1:
1-3. R66 (PIN 130377) (CONT. ON SHEET 40F4)

CHANGE NO	REV	DESCRIPTION
02	0066-1	C
03	0066-2	D
04	0066-3	E
05	0066-4	F

NO.	REV.	DATE	BY	CHK'D.	DATE
1-2					
1-3					

ETCH REV. 0
P.C. DESIGN DATA BRSE REV. 12235DL

SIGNATURES
DRN. [Signature]
CHK'D. [Signature]
ENG. [Signature]
PROD. [Signature]
SCALE 2/1
SHT. 1 OF 4
NEXT NUMBER ASSY. B-DO-6066-0

DATE 11/27/77
TITLE 9TK TUG READ AMP
SIZE CODE 0 UA
NUMBER 6066-0
REV E

DIGITAL EQUIPMENT CORPORATION

PARTS LIST

MADE BY DAVID BEAUREGARD	CHECKED <i>P. Bosman</i>	SECTION
DATE 15 Oct 76	DATE 18 Oct '76	1
ENG <i>H. Findeisen</i>	PROD <i>Gordon P. Willard</i>	ISSUED SECTION
DATE 11.23.76	DATE 23 NOV '76	1

QUANTITY / VARIATION

NOTES:

USED ON OPTION/MODEL
TU16J

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	REF	QTY	UNIT	VAR	REF DESIGNATION
	D-CS-G066-0-1		CIRCUIT SCHEMATIC	REF				
	B-DD-G066-0		DWG DIRECTORY	REF				
	D-UA-G066-0-0		UNIT ASSEMBLY	REF				
	D-MD-5012235-0-0	5012235	ETCHED CIRCUIT BOARD		1			
1		19-13293-00	IC 74156		1			E17
2		19-10537-00	IC 74511		3			E25, E29, E36
3		19-12107-00	IC LM324		1			E27
4		19-10644-00	IC 733		9			E4, E10, E18, E24, E33, E39, E46, E52, E58
5		19-10735-02	IC 318		18			E3, E6, E9, E13, E16, E20, E28, E23, E32, E38, E35, E42, E45, E48, E51, E54, E57, E61
6		19-05620-01	IC 710		9			E1, E5, E14, E19, E30, E34, E43, E47, E55
7		19-12108-00	IC LM339		5			E2, E15, E31, E44, E56
8		19-05575-00	IC DEC7400		5			E8, E22, E41, E50, E60
9		19-05585-00	IC 7476		5			E7, E21, E37, E49, E59
10		19-09686-00	IC 7404		4			E12, E11, E40, E53
11		19-10011-00	IC DEC7486		1			E26
12		11-13295-00	DIODE 3.0V ZENER (11-4372A)		1			D1
13		11-00114-00	DIODE D664		18			D2, D5, D6, D9, D10, D13, D14, D17, D18, D21, D22, D24, D25, D29, D30, D33, D34, D37
14		16-02723-00	CHOKE 1 MH		18			L1 thru L18

E.C.O. NO.	00001	00002	00003
------------	-------	-------	-------

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION	TITLE	ASSY NO.	SIZE	CODE	NUMBER	REV.
	9 TK TU16 READ AMP	D-UA-G066-0-0	B	PL	G066-0-0	E
EN-01140A-16-R276(325) DRB 125		SHEET 1 OF 4	INSERTION PARTS LIST DATA BASE REV 6			

DIGITAL EQUIPMENT CORPORATION

PARTS LIST

MADE BY <i>D. BEAUREGARD</i>	CHECKED <i>D. Bouman</i>	SECTION <i>1</i>
DATE <i>15 Oct 76</i>	DATE <i>18 Oct 76</i>	
ENG <i>H. Finberg</i>	PROD <i> Gordon R. Sillard</i>	ISSUED SECTION <i>1</i>
DATE <i>11.23.76</i>	DATE <i>23 Nov '76</i>	

QUANTITY / VARIATION

NOTES:

*USED ON OPTION/MODEL
TU16J*

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	19	20	21	22	23	24	25	26	27	28	29	30	31	REF DESIGNATION
15		10-04812-00	CAP 15 MF 20V, 10% TANT	19													C164, C10 thru C18, C100 thru 108
16		10-02431-00	CAP 2.2 UF 35V, 10% TANT	18													C19 thru C36
17		10-05820-00	CAP. 22PF 100V 5%	18													C166-C183 (IN PARALLEL WITH R19 thru R29, R30, R31 thru R36)
18		10-10274-01	CAP .22 UF 50V CER	67													C37 thru C72, C118 thru C134, C144, C110, C112, C114
19		10-00026-00	CAP 680PF 100V 5%	18													C135 thru C138, C140 thru C143, C145 thru C154
20		10-02608-00	CAP 18 PF 100V 5% DM	9													C73 thru C81
21		10-05116-00	CAP 3300 PF 200V 10%	9													C1 thru C9
22		10-13292-00	CAP 1800 PF 100V 10% MYLAR	9													C155 thru C163
23		10-01796-00	CAP 50 UF 25V AL EL	3													C11, C109, C113
24		10-01774-00	CAP .05 UF 25V DISC	5													C115 thru C117, C139, C165
25		13-01477-00	RES 82 1/4W 5%	18													R10 thru R55, R68 thru R94, R95, R96, R97, R254, R257, R260, R263, R266
26		13-00247-00	RES 120 1/4W 5%	18													R92 thru 100, R227 thru R235
27		13-00271-00	RES 220 1/4W 5%	18													R102, R107, R108, R112, R113, R117, R118, R122, R123, R127, R128, R132, R133, R137, R138, R142, R143
28		13-01424-00	RES 680 1/4W 5%	1													R147
29		13-00365-00	RES 1K 1/4W 5%	10													R85, R101, R212, R214, R216, R218, R220, R222, R224, R226
30		13-01320-00	RES 1.2K 1/4W 5%	18													R174 thru R191
31		13-01401-00	RES 750 1/4W 5%	18													R1 thru R18

E.C.O. NO.

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 . DIGITAL EQUIPMENT CORPORATION	TITLE 9 TK TU16 READ AMP	ASSY NO. D-LA-5066-0-0	SIZE CODE B PL	NUMBER G066-0-0	REV. E
EN-01140A-16-R276(325) DRB 125		SHEET 2 OF 4		INSERTION PARTS LIST DATA BASE REV 5	

DIGITAL EQUIPMENT CORPORATION

PARTS LIST

QUANTITY / VARIATION

NOTES:

USED ON

OPTION / MODEL

TU16 J

MADE BY DAVID BEAUREGARD	CHECKED P. Bossman	SECTION 1
DATE 15 Oct 76	DATE 18 Oct 76	
ENG H. Funderstein	PROD Gordon R. Willard	ISSUED SECTION 1
DATE 11.22.76	DATE 23 NOV '76	

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY	REF DESIGNATION
32		13-02388-00	RES 2K 1/4W 5%	18	R192 thru R209
33		13-03177-00	RES 2.4K 1/4W 5%	1	R66
34		13-00439-00	RES 3.3K 1/4W 5%	18	R157 thru R173, R80
35		13-13349-00	RES 33K 1/4 10%	18	R19 thru R29, R30, R31 thru R36
36		13-00447-00	RES 4.7K 1/4W 5%	1	R70
37		13-00479-00	RES 10K 1/4W 5%	12	R71 thru R81, R90
38		13-01775-00	RES 820 5%	18	R89, R157 thru R173
39		13-01317-00	RES 10 1/4W 5%	2	R69, R37
40		13-09143-08	RES 2K POT	9	R56 thru R63, R86
41		13-03179-00	RES 2K 1/4W 5%	9	R38 thru R46
42		12-13335-00	CONNECTOR, 20 PIN	1	J1
43		13-00295-00	RES 330 1/4W 5%	19	R47, R88, R91, R106, R111, R116, R120, R126, R131, R136, R141, R146, R246, R250, R253, R256, R259, R262, R265
44		13-00391-00	RES 1.5K 1/4W 5%	1	R65
45		13-00444-00	RES 3.9K 1/4W 5%	1	R67
46		13-02177-00	RES 47K 1/4W 5%	1	R68
47		90-06732-00	EYELET	10	
48		12-10711-05	HANDLE, HEX	1	
49		9009185	JUMPER WIRE	45	W1 thru W45

E.C.O. NO.					
------------	--	--	--	--	--

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 . DIGITAL EQUIPMENT CORPORATION	TITLE 9 TK TU16 READ AMP	ASSY NO. D-UA-G066-0-0	SIZE B	CODE PL	NUMBER G066-0-0	REV. E
		SHEET 3 OF 4	INSERTION PARTS LIST DATA BASE # 8			

DIGITAL EQUIPMENT CORPORATION PARTS LIST

QUANTITY / VARIATION

NOTES:

USED ON OPTION/MODEL TU16J

MADE BY D. BEAUREGARD DATE 15 OCT 76	CHECKED P. BOSSMAN DATE 18 OCT 76	SECTION 1
ENG H. FINDEISEN DATE 11-23-76	PROD GORDON R. DILLARD DATE 23 NOV 76	ISSUED SECTION 1

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION
50		13-02748-00	RES 1.0K 1/8W 1%
51		13-05430-00	RES 9.1K 1/4W

QTY	UNIT	DESCRIPTION	REMARKS
9			
1			

REF DESIGNATION
R148 thru R156
R64

E.C.O. NO.	
------------	--

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION"

TITLE
9 TK TU16
READ AMP

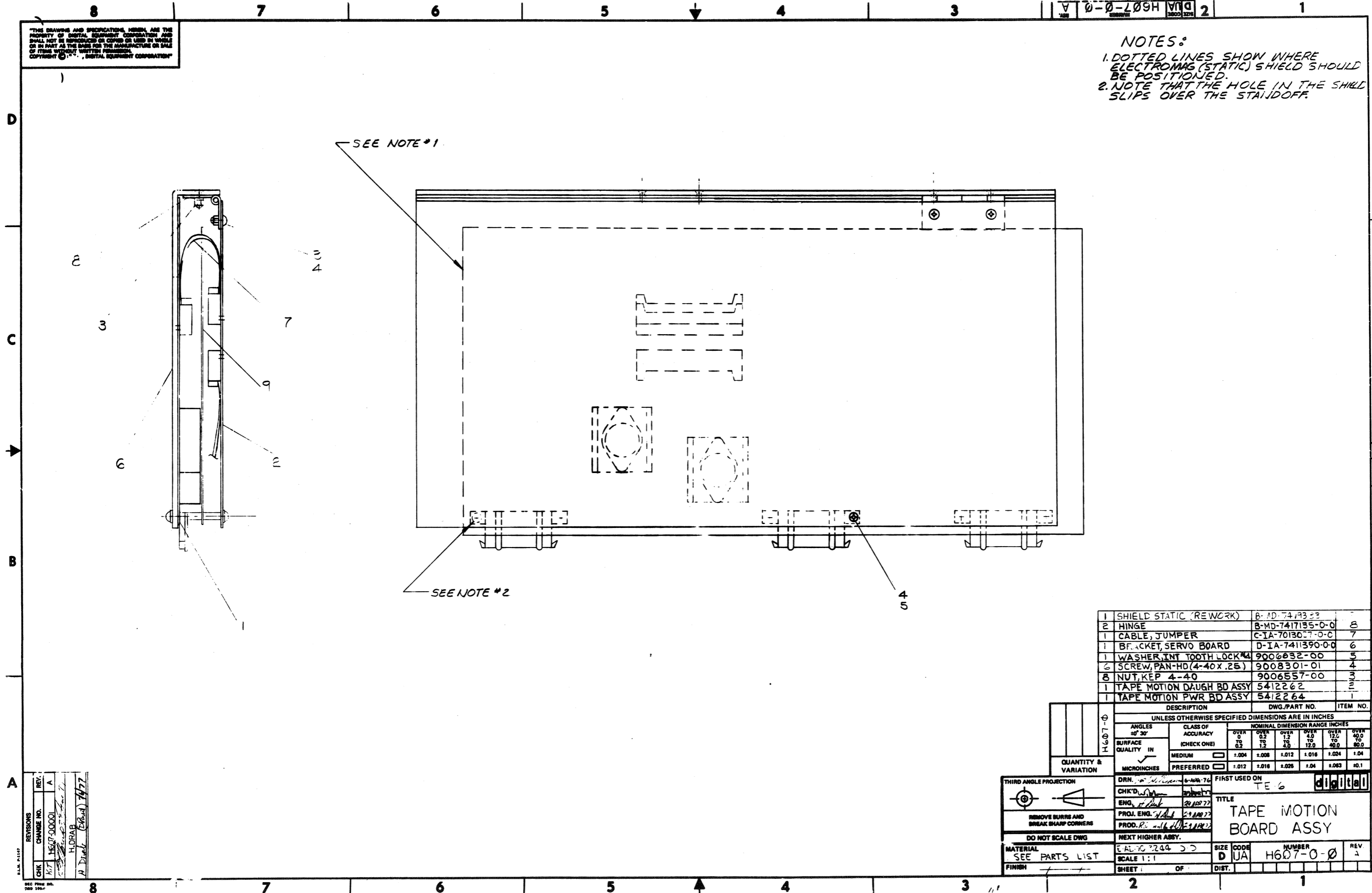
ASSY NO.
D-UA-G066-0-0
SHEET 4 OF 4

SIZE	CODE	NUMBER
B	PL	G066-0-0
INSERTION PARTS LIST DATA BASE REV		B

REV.
E

THE DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1977, DIGITAL EQUIPMENT CORPORATION

NOTES:
 1. DOTTED LINES SHOW WHERE ELECTROMAG (STATIC) SHIELD SHOULD BE POSITIONED.
 2. NOTE THAT THE HOLE IN THE SHIELD SLIPS OVER THE STAIIDOFF.



1	SHIELD STATIC (REWORK)	B-MD-74193-23	8
2	HINGE	B-MD-741735-0-0	8
1	CABLE, JUMPER	C-IA-70130-7-0-0	7
1	BUCKET, SERVO BOARD	D-IA-7411390-0-0	6
1	WASHER, INT TOOTH LOCK	9006832-00	5
6	SCREW, PAN-HD(4-40 X .25)	9008301-01	4
8	NUT, KEP 4-40	9006557-00	3
1	TAPE MOTION DAUGH BD ASSY	5412262	2
1	TAPE MOTION PWR BD ASSY	5412264	1

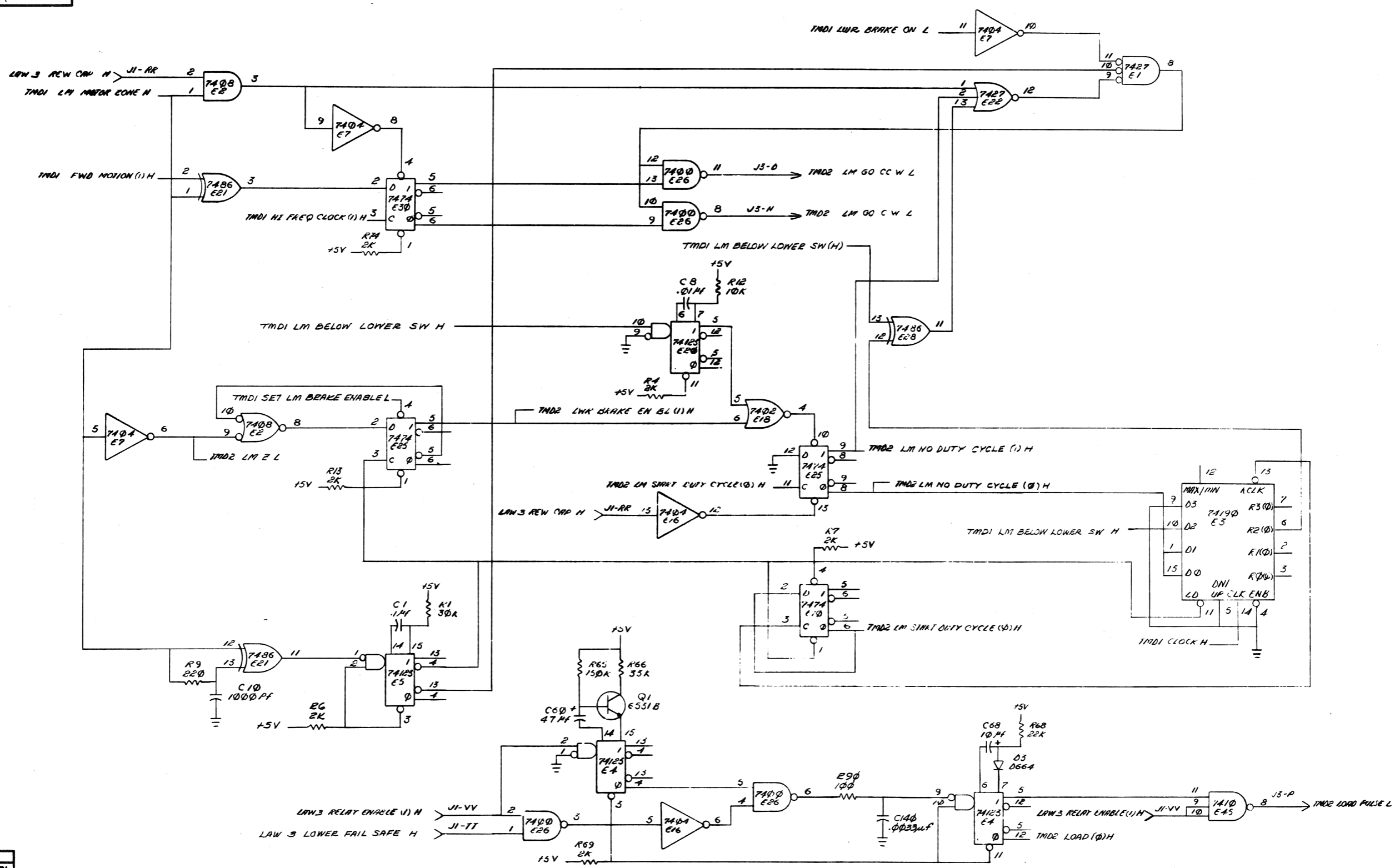
QUANTITY & VARIATION		DESCRIPTION		DWG. PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES							
ANGLES	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES					
45° 30'	(CHECK ONE)	OVER 0 TO 0.25	OVER 0.25 TO 1.25	OVER 1.25 TO 4.0	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0	OVER 40.0 TO 80.0
SURFACE QUALITY	MEDIUM	±.004	±.008	±.012	±.016	±.024	±.04
MICROINCHES	PREFERRED	±.012	±.016	±.025	±.04	±.063	±0.1

THIRD ANGLE PROJECTION	DRN. 6-MAR-76	FIRST USED ON	TE 6
REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D. [Signature]	TITLE	TAPE MOTION BOARD ASSY
DO NOT SCALE DWG	ENG. [Signature]	SIZE	D
MATERIAL SEE PARTS LIST	PROJ. ENG. [Signature]	CODE	UA
FINISH	PROD. R. [Signature]	NUMBER	H607-0-0
	NEXT HIGHER ASSY.	REV.	3
	E.A. 70 244 33		
	SCALE 1:1		
	SHEET 1 OF 1		

REV.	DATE	BY	CHK
1	12/17/77	H. DRAB	[Signature]
2	1/17/78	[Signature]	[Signature]

THE DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF THE U.S. AIR FORCE CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE REPRODUCTION OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1974 BIRTH EQUIPMENT CORPORATION

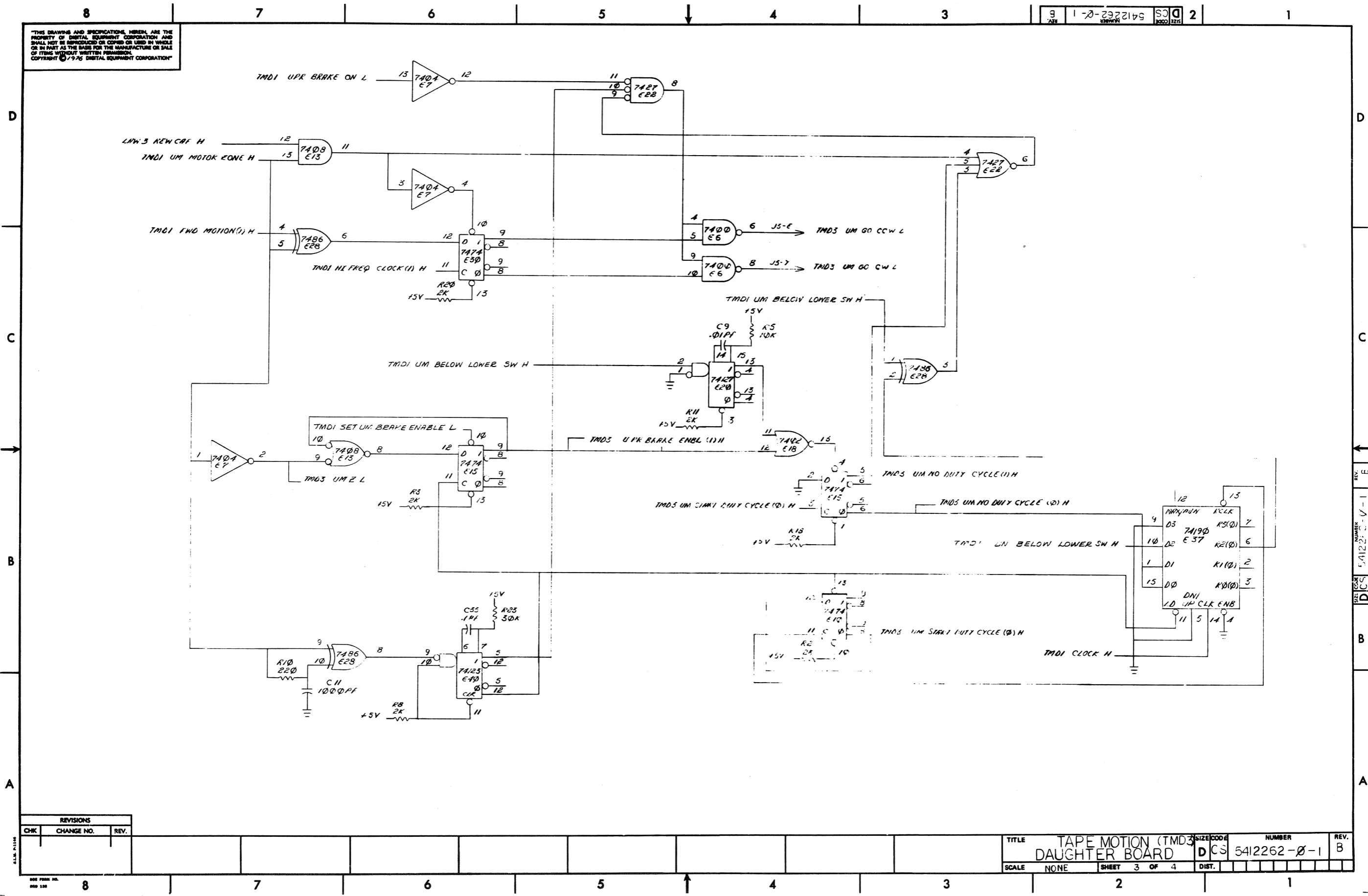
REV. 1-1-72 5412262-0-1 DCS



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE TAPE MOTION (TMD2) DAUGHTER BOARD
 SIZE CODE DCS
 NUMBER 5412262-0-1
 REV. B
 SC _E NONE SHEET 2 OF 4 DIST.

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION

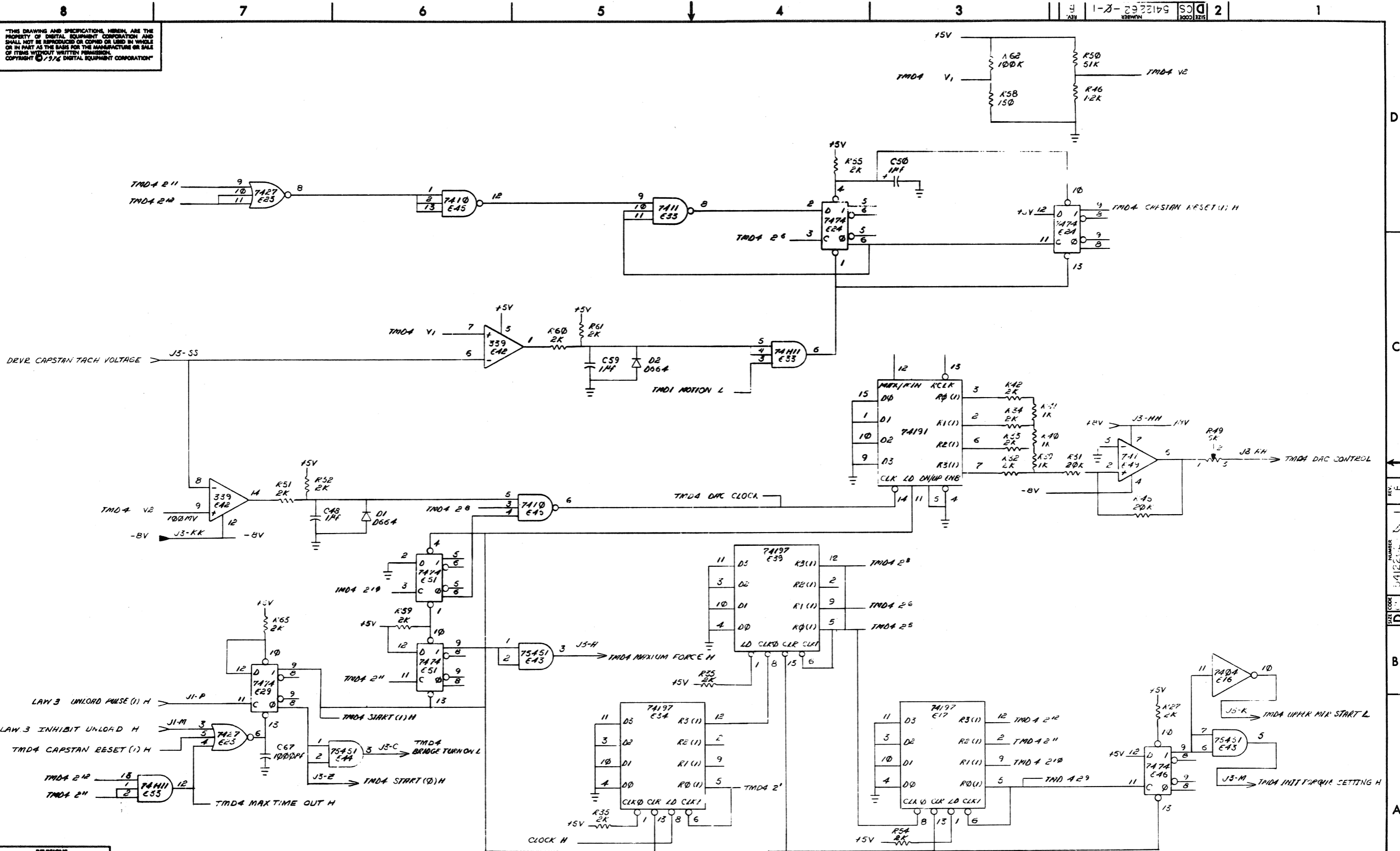


REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	TAPE MOTION (TMD) DAUGHTER BOARD	SIZE CODE	D CS	NUMBER	5412262-0-1	REV.	B
SCALE	NONE	SHEET	3 OF 4	DIST.			

REV. B 1 2 3 4 5 6 7 8

"THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION"



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	TAPE MOTION (TMD4)	SIZE CODE	D CS	NUM. 5	REV.	B
SCALE	NONE	SHEET	4	OF	1	DIST.

SIZE CODE
 NUMBER
 5412262-0-1
 REV. 1

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT 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 EXPRESS PERMISSION.

8

7

6

5

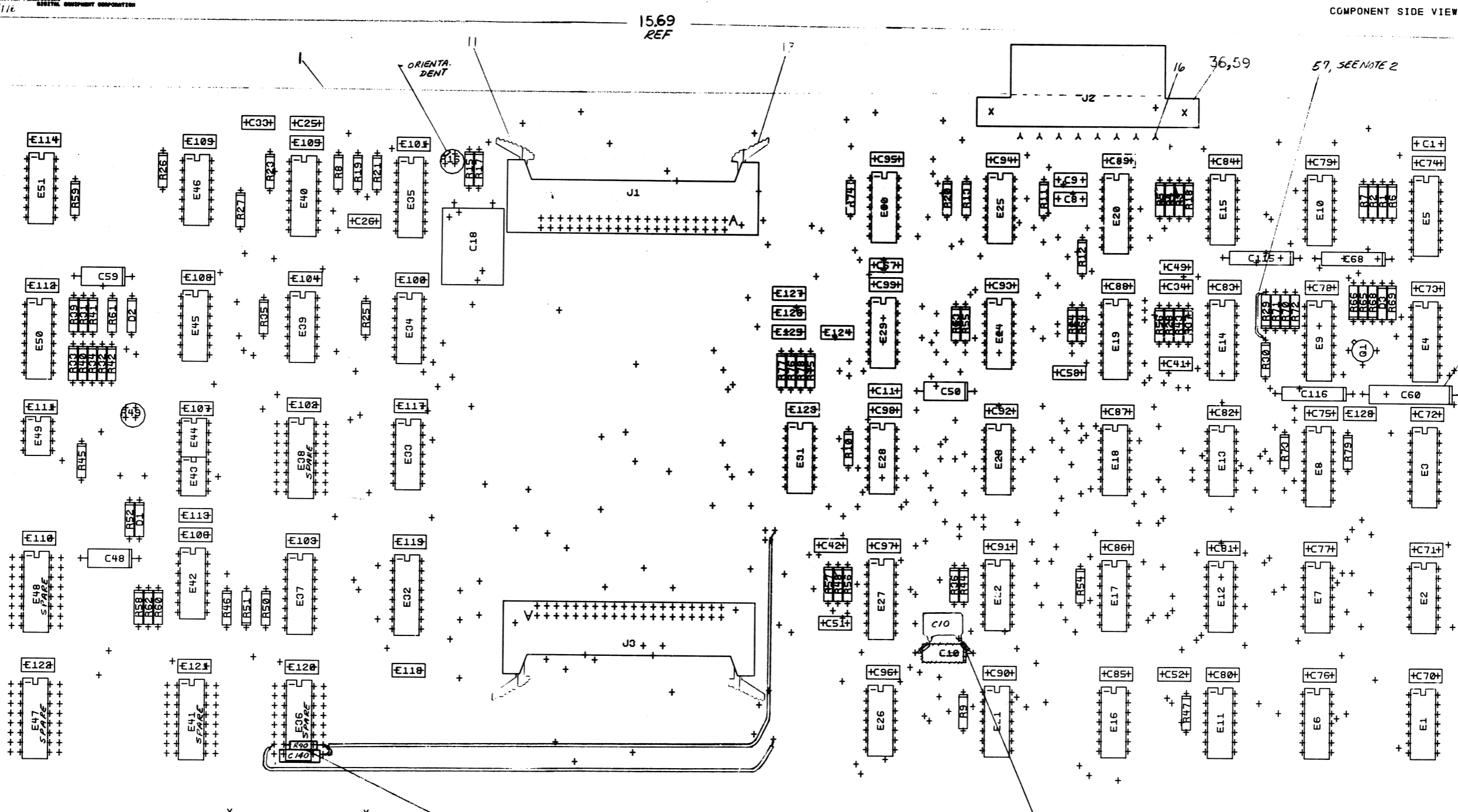
4

3

2

1

COMPONENT SIDE VIEW



NOTES: 1. REWORK INSTRUCTIONS: REPLACE C10, WAS 10MF, 20V, - 15 10 00042-00, 1000PF. INSTALL SLEEVING, ITEM 56 ON LEADS OF C10 BEFORE ASSY. LAY C10 DOWN
2. ADD REWORK WIRE ITEM 57
4. PLACE RS SHOWN
3. REPLACE C60, WIRE: 20 MF, 50V 15:47MF, 20V - 100+314-00.

- REWORK : 1. ADD R90, ITEM 19 - 100R, 13 00229-00
2. ADD C140, ITEM 53 - .0033UF, 10 H1740-00

SEE NOTE 1

CHK	CHANGE	NO	REV

ETCH REV.	
P.C. DESIGN DATA	BASE REV. ()

SIGNATURES		DATE	
DRN. P. CULLI		11/22/77	
CHK'D.		11/17/77	
ENG. HERRING		11/17/77	
PROJ. ENG. HERRING		11/17/77	
PROD. HERRING		11/17/77	
SCALE		SIZE CODE	
SHT. OF		d	UA 5412262-0-0
NEXT HIGHER ASSY.		B-DD-5412262-0-0	

digital

TITLE TAPE MOTION
DAUGHTER BOARD

NUMBER
UA 5412262-0-0

REV

DIGITAL EQUIPMENT CORPORATION

PARTS LIST

QUANTITY / VARIATION

NOTES:

USED ON: OPTION/MODEL
H607

MADE BY R. Sullivan	CHECKED <i>Mitzy</i>	SECTION
DATE 10 Oct 76	DATE 11/15/76	1
ENG <i>H. Sub</i>	PROD <i>E. Dillard</i>	ISSUED SECTION
DATE 3 Jan 77	DATE 3 JAN 77	1

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	REF	QUANTITY	VARIATION	REF DESIGNATION
	D-UA-5411262-0-0		UNIT ASSY	REF			
	B-DD-5411262-0		DWG DIRECTORY	REF			
	D-CS-5411262-0-1		CIRCUIT SCHEMATIC	REF			
1	D-MD-5011261-0-0		ETCHED CIRCUIT BOARD		1		
2		10-01610-01	CAP .01 UF 100V DISC		58		C8,C9,C70 thru C114,C117 thru C122,C123, C124 thru C127
3		10-01776-00	CAP 1.0 UF 35V 10% TANT		3		C59,C48,C50
4		10-00042-00	CAP 1000 PF 100V 5% DM		4		C11,C67,C52 C10
5		10-10274-01	CAP .22 UF 50V CER		3		C25,C58,C49
6		10-00027-00	CAP 820 PF 100V 5% DM		1		C26
7		10-10978-36	CAP .1 UF 50V CER		6		C1, C33,C42,C51,C34,C41
8		10-04813-00	CAP 10 UF 20V 10% TANT		1		C68,
9		10-04814-00	CAP 47 UF 20V TANT		1		C60
10		10-02627-00	CAP 2.2 UF 20V 10% MYLAR		2		C115,C116
11		12-09941-03	LATCH, LEFT FOR ANG HEADER		2		
12		11-00114	DIODE D664		3		D1,D2,D3
13		12-09941-04	LATCH, RIGHT FOR ANG HEADER		2		
14		12-09941-02	CONN 40 PIN BERG		2		J1,J3
15		12-09340	CONN MATE-N-LOK 8 PIN		1		J2
16		12-09456-01	CONTACT (SOCKET TERMINAL)		8		

E.C.O. NO.

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION.	TITLE	ASSY NO.	SIZE	CODE	NUMBER	REV.
	TAPE MOTION DAUGHTER BOARD	B-DD-5412262-0	B	PL	5412262-0-0	B
		SHEET 1 OF 4	INSERTION PARTS LIST DATA BASE REV 5			

DIGITAL EQUIPMENT CORPORATION

PARTS LIST

QUANTITY / VARIATION

NOTES:

MADE BY R. Sullivan
 DATE 10 Oct 76
 ENG S. Shank
 DATE 3 Jan 77

CHECKED J. Metzger
 DATE 11/15/76
 PROD S. Dillard
 DATE 3 JAN 77

SECTION 1
 ISSUED SECTION 1

USED ON: OPTION/MODEL
 H607

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY	VARIATION	REF DESIGNATION
17		13-04838	RES 43K 1/4W 5%	1		R21
18		13-02394	RES 30K 1/4W 5%	9		R1, R19, R23, R53, R64, R28, R36, R43, R56
19		13-00229-00	RES 100 1/4W 5%	1		R90
20		13-00250	RES 150 1/4W 5%	1		R58
21		13-02388	RES 2K 1/4W 5%	34		R2, R3, R6, R8, R15, R20, R24, E25, R26, R30, R32, R4, R7, R11, R13, R18, R27, R55, R59, R63, R72, R69, R73, R33, R34, R35, R42, R51, R52, R54, R57, R60, R61, R74
22		13-03179	RES 8.2K 1/4W 5%	1		R17
23		13-00479	RES 10K 1/4W 5%	6		R5, R12, R29, R37, R44, R48
24		13-02466	RES 100K 1/4W 5%	1		R62
25		13-04839	RES 51K 1/4W 5%	1		R50
26		13-02391	RES 20K 1/4W 5%	2		R31, R45
27		13-01320	RES 1.2 1/4W 5%	1		R46
28		13-00365	RES 1.0K 1/4W 5%	7		R39, R40, R41, R75, R76, R77, R78
29		13-00271	RES 220 1/4W 5%	3		R9, R10, R47
30		13-02396	RES 150K 1/4W 5%	1		R65
31		13-00510	RES 33K 1/4W 10%	1		R66
32		13-01808	RES 22K 1/4W 5%	3		R68, R70, R71
33		13-00202	RES 47 1/4W 5%	1		R79

E.C.O. NO.

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN ANY MANNER OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT THE WRITTEN PERMISSION OF DIGITAL EQUIPMENT CORPORATION. COPYRIGHT © 1976

TITLE
 TAPE MOTION DAUGHTER BOARD

ASSY NO.
 B-DD-5412262-0-0
 SHEET 2 OF 4

SIZE CODE NUMBER REV.
 B PL 5412262-0-0 B
 INSERTION PARTS LIST DATA BASE REV B

DIGITAL EQUIPMENT CORPORATION

PARTS LIST

QUANTITY / VARIATION

NOTES:

USED ON: OPTION/MODEL
H607

MADE BY R. Sullivan	CHECKED <i>John Metzger</i>	SECTION 1
DATE 10 Oct 76	DATE 11/15/76	
ENG <i>H. Deak</i>	PROD <i>A. Dillard</i>	ISSUED SECTION 1
DATE 3 Jan 77	DATE 3 JAN 77	

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QTY	UNIT	REF DESIGNATION
34		13-09150-06	POT 50K 1/2W 10% (ROUND)	1		R16
35		13-09150-04	POT 5K 1/2W 10% (ROUND)	1		R49
36		90-06693	WASHER 3/8 DIA.	2		
37		15-09338	TRANS DEC 6531B	1		Q1
38		19-12108	I.C LM339	1		E42
39		19-10436	I.C 74123	9		E40, E19, E27, E35, E14, E20, E9, E4, E5
40		19-05547	I.C. 7474	8		E51, E46, E29, E30, E24, E25, E15, E10
41		19-10155	I.C. 7408	3		E12, E13, E2
42		19-09686	I.C. 7404	2		E16, E7
43		19-10011	I.C. 7486	3		E28, E21, E11
44		19-05575	I.C. 7400	2		E26, E6
45		19-09004	I.C. 7402	1		E18
46		19-10878	I.C. 7427	3		E22, E23, E1
47		19-10096	I.C. 74191	1		E50
48		19-10655	I.C. 74157	1		E32
49		19-10298	I.C. 741	1		E49
50		19-11195	I.C. 7497	1		E8
51		19-10035	I.C. 74197	3		E39, E34, E17
52		19-05576	I.C. 7410	1		E45

E.C.O. NO.

THIS DRAWING AND SPECIFICATIONS ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR USED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE MANUFACTURER.	DATE	BY	REV.
APPROVED FOR MANUFACTURE			
COPYRIGHT © 1976	ASSY NO. B-DD-5412262-0	CODE PL	NUMBER 5412262-0-0
	SHEET 3 OF 4		REV. B

DIGITAL EQUIPMENT CORPORATION

PARTS LIST

QUANTITY / VARIATION

NOTES:

MADE BY D. Sullivan	CHECKED <i>John Metzger</i>	SECTION 1
DATE 10 OCT 76	DATE 11/25/76	
ENG <i>H. Shank</i>	PROD <i>H. Hillard</i>	ISSUED SECTION 1
DATE 3 Jan 77	DATE 3 JAN 77	

USED ON: OPTION / MODEL
H607

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY	VARIATION	REF DESIGNATION
53		19-10406	I.C. 75451	2		E43, E44
54		19-10095	I.C. 74190	2		E37, E3
55		19-09267	I.C. 74H11	1		E33
56		91 07252-02	SLEEVING	A/R		
57		91 05740-55	WIRE, #30 AWG, GRN	A/R		
58		10 11740-01	CAP. .0033 UF, 50V, 10% CER	1		C140
59		90-06745	EYELET	2		
60		19-11469	I.C. 8640	1		E31
61		10-00024-00	CAP 470 PF 100V 5% DM	1		C128
62		10-01636-00	CAP 2400 PF 100V 5% DM	1		C18

ECO. NO.

THIS DRAWING AND SPECIFICATIONS ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ANY PRODUCTS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION

TITLE
TAPE MOTION DUGHTER BOARD

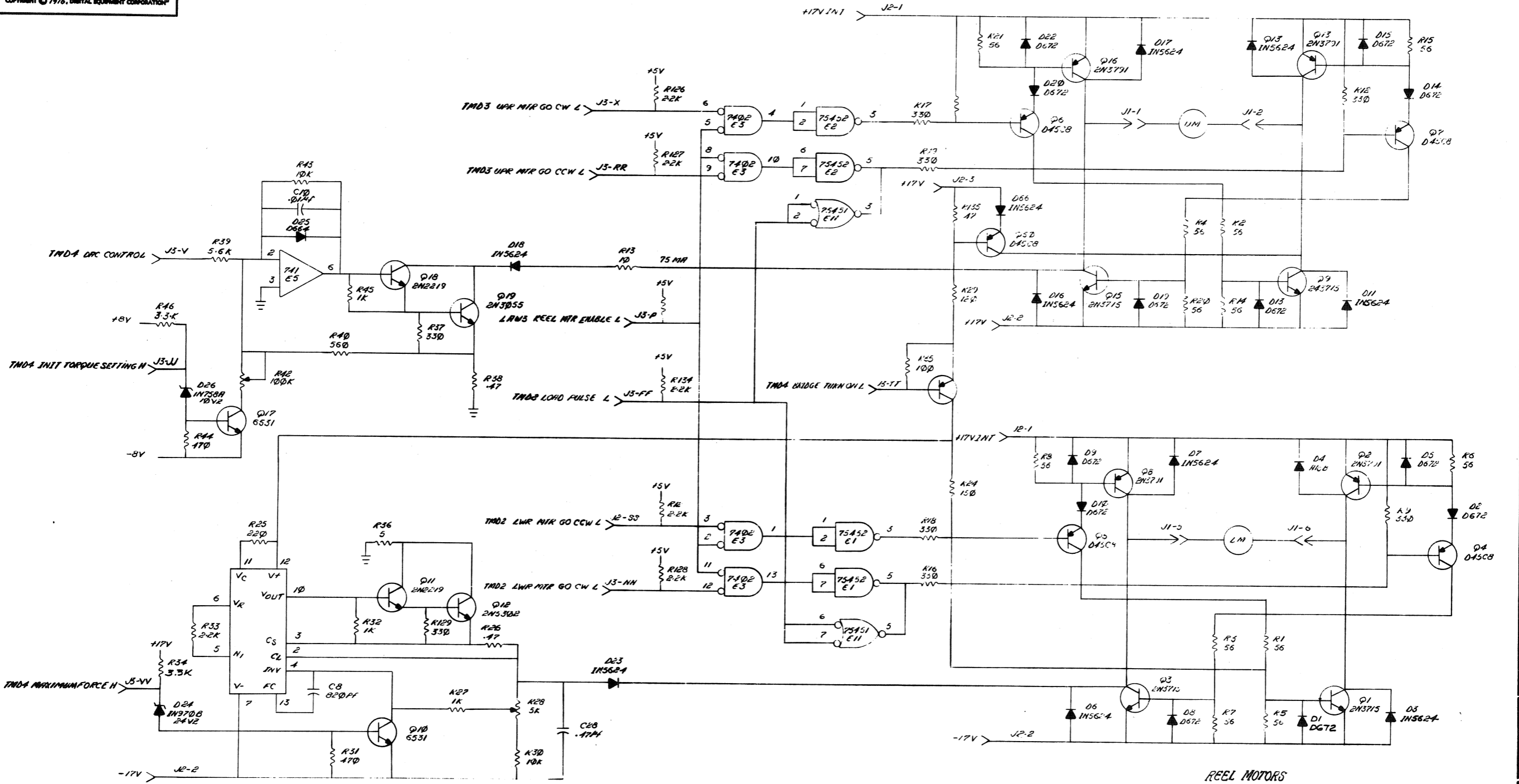
ASSY NO.
B-DD-5412262-0
SHEET 4 OF 4

SIZE CODE
B PL
INSERTION PA

NUMBER
5412262-0-0
DATA BASE REV B

REV
B

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1975, DIGITAL EQUIPMENT CORPORATION

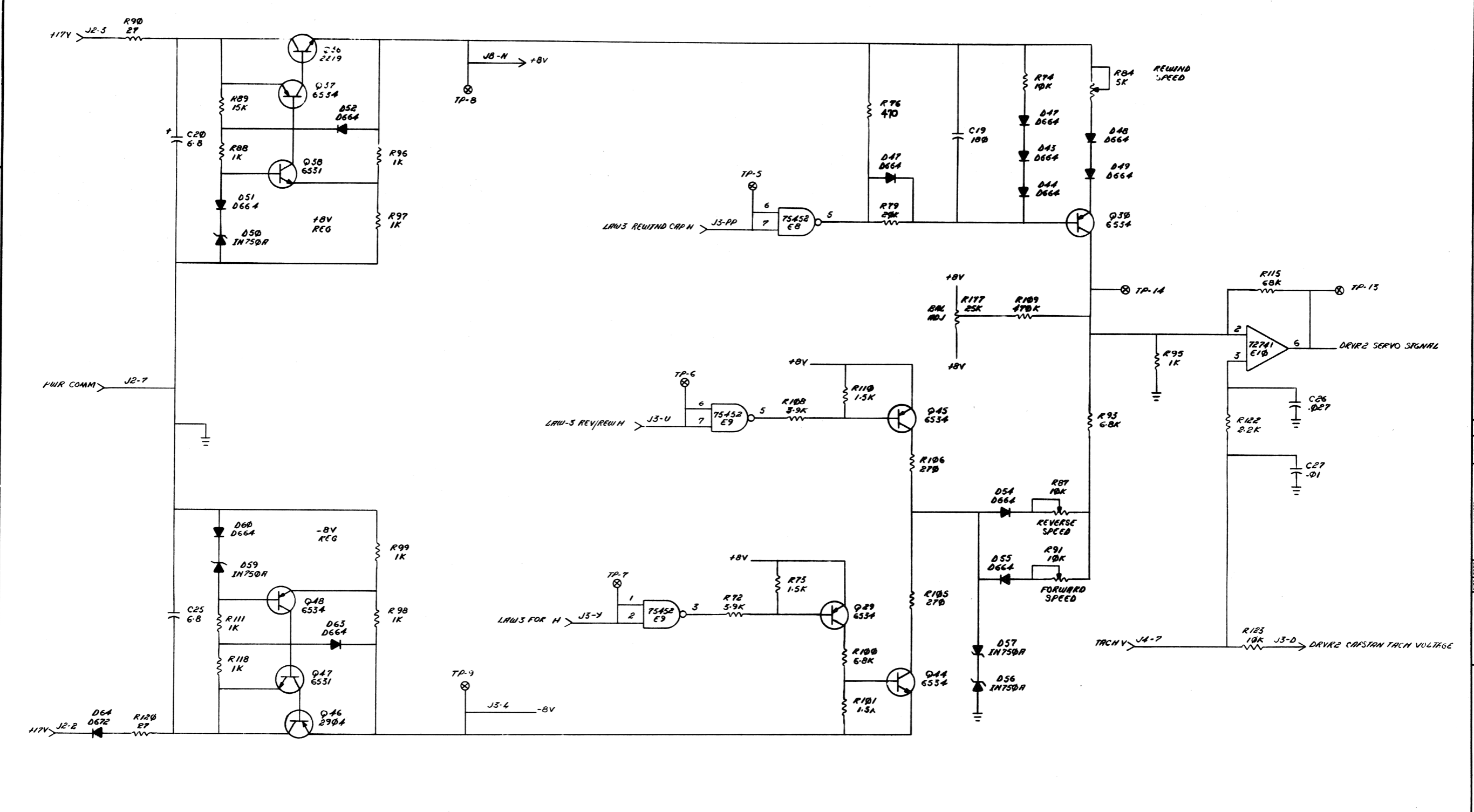


REV.	B
CHANGE NO.	1
DATE	1/12/76
BY	JJA
CHKD	STEVE
DATE	1/12/76
BY	HDRAB
CHKD	HDRAB
DATE	1/12/76

DRN	1/12/76	FIRST USED ON	H607
CHKD	1/12/76	TITLE	(DRVR 1)
ENG.	1/12/76	TAPE MOTION POWER BOARD	
PROJ. ENG.	1/12/76		
PROD. A.	1/12/76		
NEXT HIGHER ASSY.			
B-DD-5412264-0-0		SIZE CODE	NUMBER
SCALE	NONE	D CS 5412264-0-1	REV. B
SHEET	1	OF 4	DIST.

"THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1970 DIGITAL EQUIPMENT CORPORATION"

REV. 1-0-132219 DCS 5412264-0-1

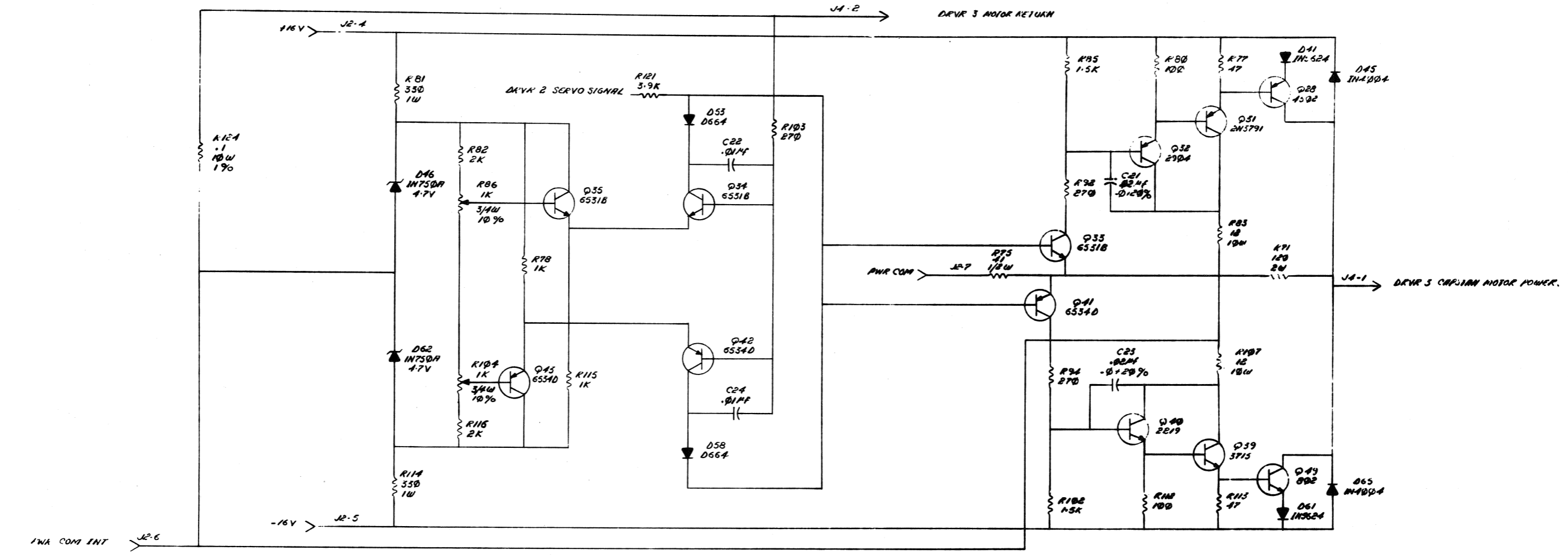


REVISIONS		
CHK	CHANGE NO.	REV.

"THE DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS OF THE MANUFACTURE OR SALE OF ITEMS WITHOUT THE WRITTEN PERMISSION OF DIGITAL EQUIPMENT CORPORATION"

REV. 8 5412264-R-1 DCS 2

8 7 6 5 4 3 2 1



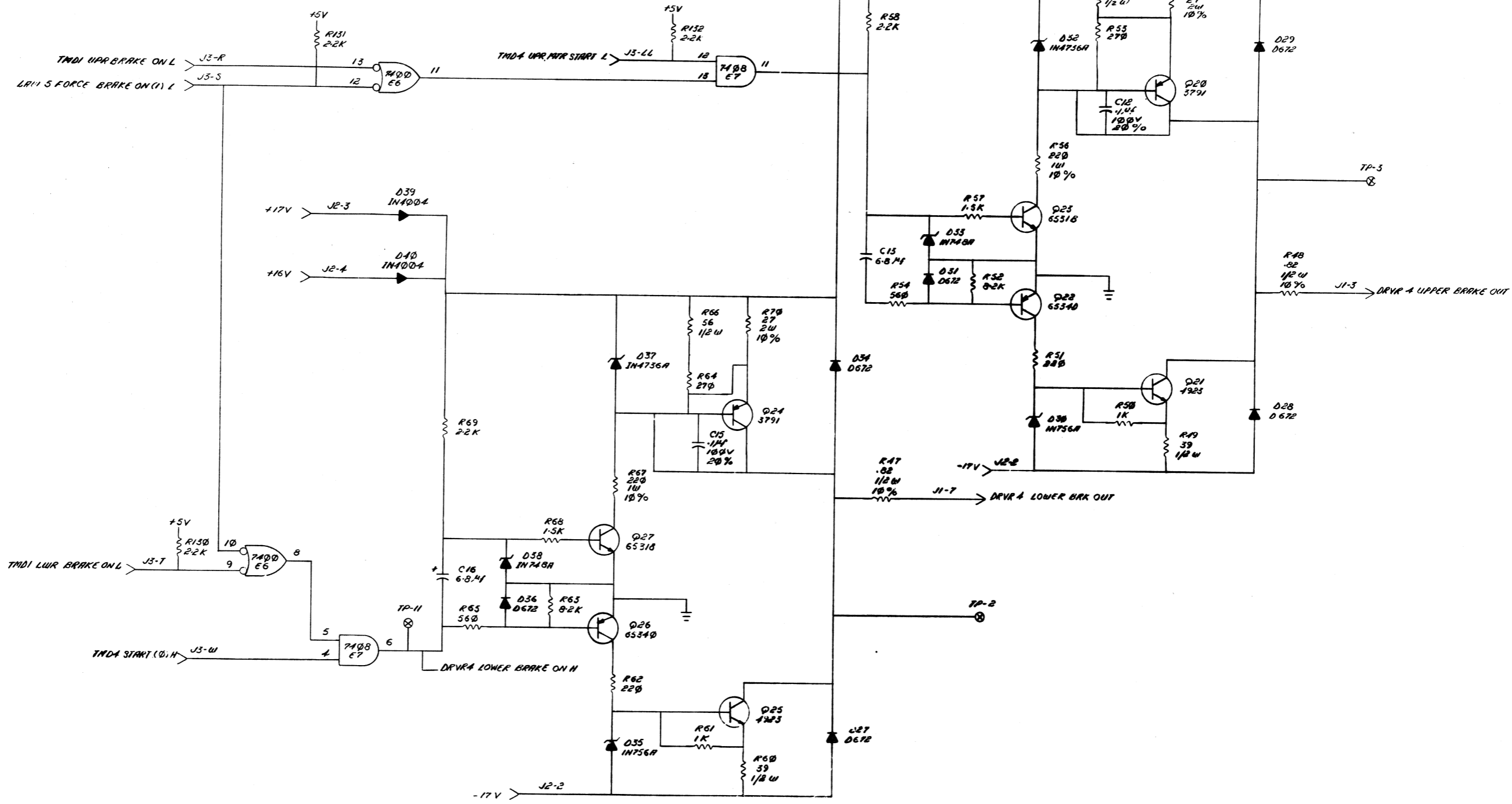
CAPSTAN DRIVER

REVISIONS		
CHK	CHANGE NO.	REV.

TITLE TAPE MOTION (DRVR3) POWER BOARD
 SCALE 1/1 SHEET 3 OF 4
 SIZE CODE DCS NUMBER 5412264-0-1 REV. B

8 7 6 5 4 3 2 1

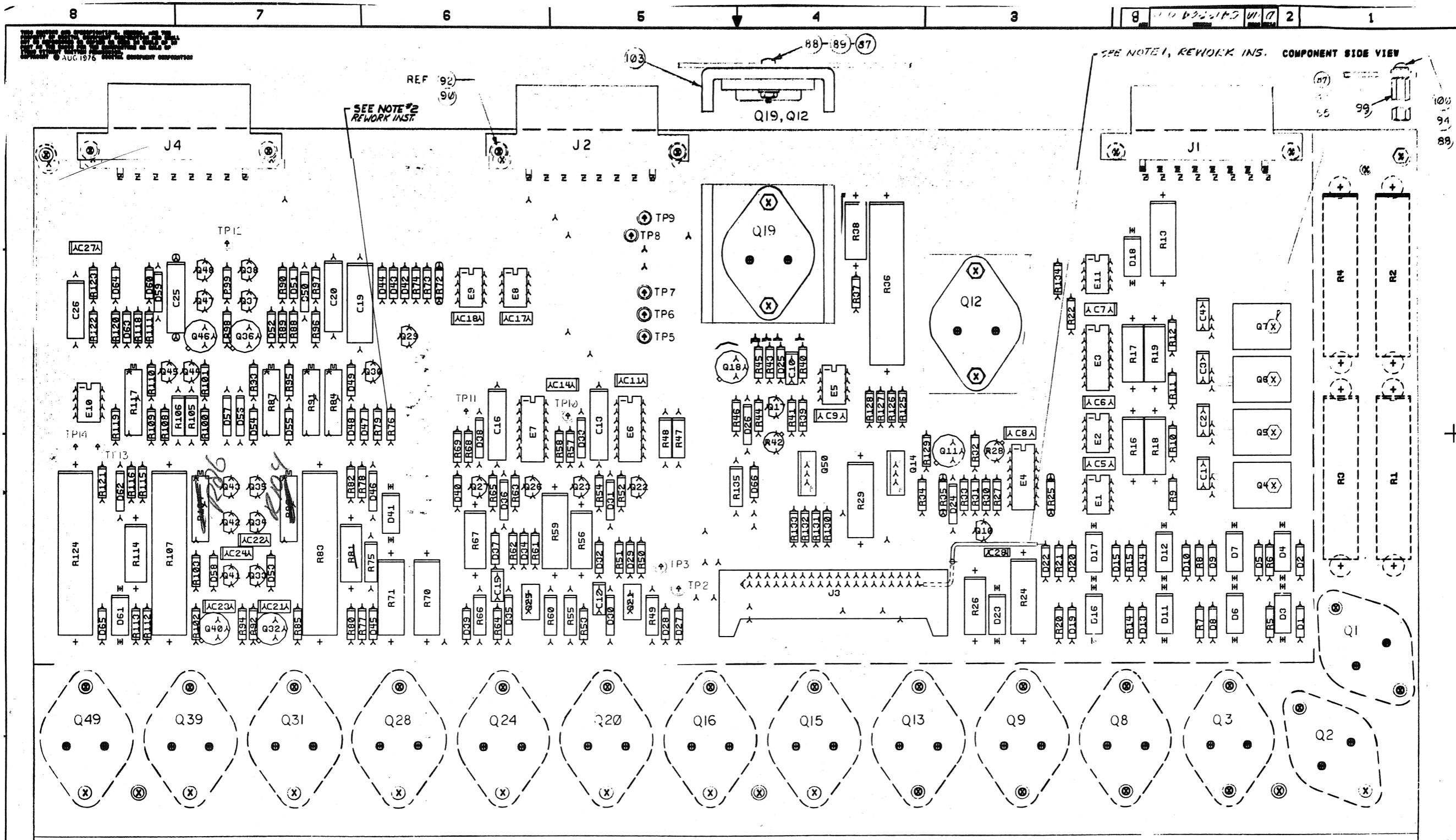
"THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION"



REVISIONS		
CHK	CHANGE NO.	REV.

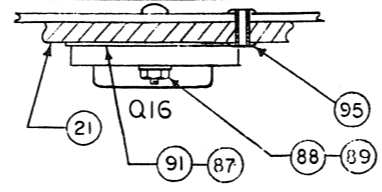
BRACKES

8	7	6	5	4	3	2	1		
TITLE TAPE MOTION POWER BOARD (DRVR4)							SIZE CODE DCS	NUMBER 5412264-0-1	REV. B
SCALE 1/1							SHEET 4 OF 4	DIST.	



NOTES: **REWORK INSTRUCTIONS:**
 1. DRILL HOLE APPROX AS SHOWN,
 .052 DIA & INSTALL WIRE,
 ITEM 56.
 2. REPLACE R76, MET NO 1300398 WITH
 R76 PART NO 1300316

CHG	NO	REV	DATE	BY	APP
1/1	5412264-1	B			



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

SIGNATURES	DATE
DRN. <i>[Signature]</i>	8-16-76
CHK'D. <i>[Signature]</i>	11-28-76
ENG. <i>[Signature]</i>	11-28-76
PROJ. ENG. <i>[Signature]</i>	11-28-76
PROD. <i>[Signature]</i>	11-28-76
SCALE 2/1	
SHT. 1 OF 3	
NEXT HIGHER ASSY. B-DD-5412264-0	

digital	
TITLE TAPE MOTION POWER BOARD	
SIZE CODE	NUMBER
0 UA	5412264-0-08
REV	B

1 MS#FIC76

DIGITAL EQUIPMENT CORPORATION

PARTS LIST

MADE BY Phil Bossman	CHECKED <i>P. Bossman</i>	SECTION 1
DATE 21 Sept. '76	DATE 28 SEP 76	
ENG <i>St. Dink</i>	PROD <i>J. Dillard</i>	ISSUED SECTION 1
DATE 21 Dec 76	DATE 21 DEC 76	

QUANTITY / VARIATION

NOTES:

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	REF	QUANTITY	VARIATION	REF DESIGNATION
REF			UNIT ASSEMBLY	REF			
1	D-MD-5012263-0-0	5012263	ETCHED CIRCUIT BOARD	1			
2		1000049-00	CAP .027UF 100V 10% MYLAR	1			C26
3		1010279-00	CAP .47UF 50V 10% S. TANT	1			C28
4		1000086-00	CAP 18UF 6V20% S. TANT	1			C19
5		1010978-36	CAP .1UF 50V CER.	6			C1 thru C4, C12,C15
6		1001610-01	CAP .01UF 100V 20% DISC.	12			C5,C6,C7,C9,C10,C11,C14,C17,C18, C22,C24,C27
7		1005306-00	CAP 6.8UF 35V 10 S.TANT	4			C20,C25,C13,C16
8		1000004-00	CAP .02UF 100V 20%	2			C21,C23
9		1000027-00	CAP 820PF 100V	1			C8
10		1100114-00	DIODE D664	15			D25,D42,D43,D44,D47,D48,D49,D51 thru D55,D58,D60,D63
11		1100127-00	DIODE 1N 748A ZENER	2			D33,D38
12		1100124-00	DIODE 1N 750A ZENER	6			D46,D50,D57,D59,D62,D56
13		1105796-00	DIODE 1N 4004	5			D39,D40,D45,D65,D66
14		1103340-00	DIODE 1N 4736A ZENER	2			D32,D37
15		1103441-00	DIODE 1N 756A ZENER	2			D30,D35
16		1105275	DIODE D672	19			D1,D2,D5,D8,D9,D10,D13,D14,D15,D19, D20,D22,D27 thru D29,D31,D34,D36,D64
17		1110856-00	DIODE 1N 970B ZENER	1			D24

ECO. NO.	00001
----------	-------

THIS DRAWING AND SPECIFICATIONS. HEREIN. ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 . DIGITAL EQUIPMENT CORPORATION	TITLE	ASSY NO.	SIZE	CODE	NUMBER	REV.
	TAPE MOTION PWR BOARD		B	PL	5412264-0-0	B
		SHEET 1 OF 6	INSERTION PARTS LIST DATA BASE REV			

DIGITAL EQUIPMENT CORPORATION

PARTS LIST

QUANTITY / VARIATION

NOTES:

MADE BY PHIL BOSSMAN	CHECKED <i>P. Bossman</i>	SECTION 1
DATE 21 Sept. '76	DATE 28 Sep 76	ISSUED SECTION 1
ENG <i>S. Dillard</i>	PROD <i>M. Dillard</i>	
DATE 21 Dec 76	DATE 21 Dec 76	

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY	UNIT	REF DESIGNATION
18		1209340-00	CONN MATE-N-LOK 8 PIN	3		J1, J2, J4
19		1209456-01	SOCKET TERMINAL CONTACT	24		
20		1209941-02	CONN 40P RT ANG HEADER	1		J3
21		7411390-00	HEAT SINK	1		
22		1300202-00	RES 47 1/2W 5%	2		R77, R113
23		1309995-00	RES 56 1/2W 5%	2		R55, R66
24		1300229-00	RES 100 1/2W 5%	3		R80, R112, R35
25		1300271-00	RES 220 1/2W 5%	3		R25, R51, R62
26		1300277-00	RES 220 1W 10%	2		R56, R67
27		1300285-00	RES 270 1/2W 5%	2		R105, R106
28		1300295	RES 330 1/2W 5%	6		R9 thru R12, R129, R37
29		1300297-00	RES 330 1W 5%	6		R114, R81, R16 thru R19
30		1300316-00	RES 470 1/2W 5%	3		R44, R31, R76
31		1305258-00	RES .47 2W 5% WW	2		R38, R26
32		1300365-00	RES 1K 1/2W 5%	14		R27, R45, R32, R50, R61, R78, R88, R95, R96, R97, R98, R99, R111, R115
33		1300391-00	RES 1.5K 1/2W 5%	7		R57, R68, R73, R85, R101, R102, R110
34		1300417-00	RES 2.2K 1/2W 5%	14		R22, R33, R58, R69, R122, R125 thru R128, R130 thru R134
35		1300439-00	RES 3.3K 1/2W 5%	2		R46, R34

E.C.O. NO.

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 . DIGITAL EQUIPMENT CORPORATION	TITLE	ASSY NO.	SIZE	CODE	NUMBER	REV.
	TAPE MOTION PWR BOARD		B	PL	5412264-0-0	B
		SHEET 2 OF 6	INSERTION PARTS LIST DATA BASE REV			

DIGITAL EQUIPMENT CORPORATION

PARTS LIST

QUANTITY / VARIATION

NOTES:

MADE BY	PHIL BOSSMAN	CHECKED	<i>P. Bossman</i>	SECTION	1
DATE	21 Sept. '76	DATE	28 SEP 76	ISSUED SECTION	1
ENG	<i>J. Dillard</i>	PROD	<i>J. Dillard</i>		
DATE	21 Dec 76	DATE	21 DEC 76		

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY	VARIATION	REF DESIGNATION
36		1300444-00	RES 3.9K 1/4W 5%	3		R108,R121,R72
37		1300479-00	RES 10K 1/4W 5%	4		R30,R43,R74,R123
38		1300398-00	RES 1.8K 1/4W 5%	1		R76
39		1300496-00	RES 15K 1/4W 5%	3		R41,R89,R118
40		1301327-00	RES 68K 1/4W 5%	1		R119
41		1301522-00	RES 27 1/4W 5%	2		R90,R120
42		1301423-00	RES 6.8K 1/4W 5%	2		R100,R93
43		1301642-00	RES .82 2W 10%	2		R47,R48
44		1311842-00	RES 5 10W 5% WW	1		R36
45		1300257-00	RES 150 2W 5%	1		R24
46		1301874-00	RES 5.6K 1/4W 5%	1		R39
47		1301890-00	RES 560 1/4W 5%	3		R54,R65,R40
48		1301972-00	RES 270 1/4W 5%	5		R53,R64,R92,R94,R103
49		1302336-00	RES 39 1/2W 5%	2		R60,R49
50		1302391-00	RES 20K 1/4W 5%	1		R79
51		1302398-00	RES 470K 1/4W 5%	1		R109
52		1300172-00	RES 10 2W 10%	1		R13
53		1302602	RES 56 1/4W 5%	8		R5,R6,R7,R8,R14,R15,R20,R21
54		1301695-00	RES 47 1/2W 5%	2		R75,R135

E.C.O. NO.

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION.	TITLE	ASSY NO.	SIZE	CODE	NUMBER	REV.
	TAPE MOTION PWR BOARD		B	PL	5412264-0-0	B
		SHEET 3 OF 6	INSERTION PARTS LIST DATA BASE REV			

DIGITAL EQUIPMENT CORPORATION

PARTS LIST

MADE BY DATE ENG DATE	PHIL BOSSMAN 21 Sept. '76	CHECKED DATE PROD DATE	<i>P. Bossman</i> 28 SEP 76 <i>M. Dillard</i> 21 DEC 76	SECTION ISSUED SECTION	1 1
--------------------------------	------------------------------	---------------------------------	--	---------------------------	--------

QUANTITY / VARIATION

NOTES:

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY	UNIT	REF DESIGNATION
55		1302388-00	RES 2K 1/2W 5%	2		R82,R116
56		9107688-55	WIRE, #24AWG, GRN	AR		
57		1303179-00	RES 8.2K 1/2W 5%	2		R52,R63
58		1305282-00	RES 120 2W 5%	2		R71,R29
59		1305396-00	RES 56 10W 1% WW	4		R1 thru R4
60		1305400-00	RES 12 10W 5%	2		R83,R107
61		1305624-00	RES 27 2W 10%	2		R59,R70
62		1309108-00	RES .1 10W 1% WW	1		R124
63		1309150-14	POT 100K 1/2W 20%	1		R42
64		1309143-07	POT 1K 3/4W 10%	2		R86,R104
65		1309143-09	POT 5K 3/4W 10%	1		R84
66		1309143-10	POT 10K 3/4W 10%	2		R87,R91
67		1309143-12	POT 25K 3/4W 10%	1		R117
68		1501742-00	TRANS DEC 2904	2		Q32,Q46
69		1501881-00	TRANS DEC 2219	4		Q11,Q18,Q36,Q40
70		1505819-00	TRANS 2N3055	1		Q19
71		1503068-00	TRANS DEC 3715	5		Q1,Q3,Q9,Q15,Q39
72		1503409-00	TRANS DEC 6534D	10		Q22,Q26,Q29,Q30,Q37,Q41,Q42,Q43,Q45, Q48,
73		1509338-00	TRANS DEC 6531B	10		Q10,Q17,Q23,Q27,Q33,Q34,Q35,Q44,Q47,Q38

E.C.O. NO.

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 . DIGITAL EQUIPMENT CORPORATION"

TITLE
TAPE MOTION PWR BOARD

ASSY NO.
SHEET 4 OF 6

SIZE CODE NUMBER REV.
B PL 5412264-0-0 B

INSERTION PARTS LIST DATA BASE REV

DIGITAL EQUIPMENT CORPORATION				QUANTITY / VARIATION										NOTES:			
PARTS LIST																	
MADE BY PHIL BOSSMAN		CHECKED <i>P. Bossman</i>															
DATE 21 Sept. '76		DATE 28 SEP 76															
ENG <i>S. D. Clark</i>		PROD <i>M. Dillard</i>															
DATE 21 Dec 76		DATE 21 DEC 76															
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION											REF DESIGNATION			
74		1509581-00	TRANS 2N3791	7													Q2, Q8, Q13, Q16, Q20, Q24, Q31
75		1509604-00	TRANS DEC 4923	2													Q21, Q25
76		1510334-00	TRANS DEC 4502	1													Q28
77		1510335-00	TRANS DEC 802	1													Q49
78		1510598-00	TRANS D 45C8	6													Q4, Q7, Q14, Q50, Q5, Q6
79																	
80		1510196-00	TRANS 2N 5302	1													Q12
81		1905575-00	IC DEC 7400	1													E6
82		1910155-00	IC DEC 7408	1													E7
83		1910298-00	IC DEC 741	2													E5, E10
84		9007201-00	TRANSIPAD	6													
85		1910415-00	VOLT. REG 723	1													E4
86		1910645-00	IC DEC 75452	4													E9, E8, E1, E2
87		9008268-00	THERMAL COMPOUND	A/R													
88		9006012-4	SCREW BD HD 4-40X7-16 LG	34													
89		9006557-00	KEPNUT 4-40	36													
90		9006706-00	WASHER NYLON	6													
91		9006721-00	WASHER, ANODIZED	14													
92		9006745-00	EYELET	6													

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION.

E.C.O. NO. _____ TITLE TAPE MOTION PWR BOARD ASSY NO. _____ SIZE B CODE PL NUMBER 5412264-0-0 REV B
 SHEET 5 OF 6 INSERTION PARTS LIST DATA BASE REV

DIGITAL EQUIPMENT CORPORATION

PARTS LIST

QUANTITY / VARIATION

NOTES:

MADE BY PHIL BOSSMAN	CHECKED <i>P. Bossman</i>	SECTION 1
DATE 21 Sept. '76	DATE 28 SEP 76	
ENG <i>St. Hart</i>	PROD <i>H. Dillard</i>	ISSUED SECTION 1
DATE 21 Dec 76	DATE 21 DEC 76	

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY / VARIATION										REF DESIGNATION		
93		9007791-00	CAMBION TERMINAL	12												TP2, TP3, TP5 THRU TP14
94		9006632-00	WASHER, INT LOCK	2												
95		9006746-00	EYELET	4												
96		9006010-4	SCREW, BD HD 4-40X5-16 LG	4												
97		1110420-00	DEC RECTIFIER, A15B (1N5624)	12												D3, D4, D6, D7, D11, D12, D16, D17, D18, D23, D41, D61
98		1100125-00	DIODE 1N758A ZENER	1												D26
99		9007265-00	SPACER, THD (4-40X1.00LG)	2												
100		9006655-00	WASHER, FLAT 4-40	2												
101																
102		1309150-04	POT 5K 1/2W 20% 100PPM	1												R28
103		7417136-00	HEAT SINK	2												
REF		5412264-0-1	CIRCUIT SCHEMATIC	REF												
105		1910406-00	IC 75451	1												E11
106		1909004-00	IC 7402	1												E3

E.C.O. NO.

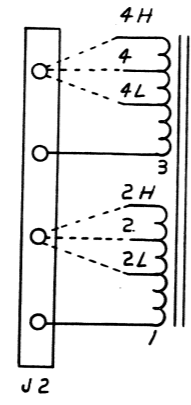
THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1976 DIGITAL EQUIPMENT CORPORATION.	TITLE TAPE MOTION PWR BOARD	ASSY NO.	SIZE	CODE	NUMBER	REV.
		SHEET 6 OF 6	B	PL	5412264-0-0	B

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE CONSTRUCTION OR SALE OF EQUIPMENT WITHOUT THE WRITTEN PERMISSION OF DIGITAL EQUIPMENT CORPORATION © 1976

NOTES:

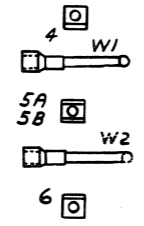
- F2=6 1/4 AMP SB FOR 125V/60 CYCLE OPERATION. USE LITTEL FUSE P/N 3136.25. F2=4 AMP SB FOR 250 V/50 CYCLE OPERATION.
- ALL 5 TRANSISTORS, Q5 - Q8, Q10 ARE TO HAVE #10 AWG TUBING, 3/16" LONG, ON 4-40 SCREWS THAT HOLD TRANSISTORS TO HEAT-SINK.
- THERMAL COMPOUND TO BE APPLIED BETWEEN HEAT SINK AND DIODES D9, D11, D12, Q5-Q8, Q10, AND D15.
- USE ONLY BUSS SLD-BLOW FUSE MDX5 PART #9009791.
- INSTALL #4 LOCKWASHERS (ITEM 107) UNDER THE HEAD OF ALL SCREWS USED TO SECURE Q5-Q8 AND Q10. TORQUE HARDWARE TO 5.5 IN. LBS. PART #9008033-1 SHOULD BE USED IN PLACE OF ITEM 18 (9006013-1) ON Q5, Q6, Q7, Q8 AND Q10 TRANSISTORS HAVING EXTRA THICK FLANGES.

VOLTAGE RANGE 50-60 CPS	TRANSFORMER PRIMARY TAPS
95 TO 105 195 TO 210	1 AND 2L; 3 AND 4L
105 TO 120 210 TO 240	1 AND 2; 3 AND 4
120 TO 132 240 TO 264	1 AND 2H; 3 AND 4H



SEE NOTE 1

VOLTAGE (NOMINAL) INPUT	W1 CONN	W2 CONN
115V 50-60 CPS	4	6
230V 50-60 CPS	5A	5B



QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
1	R37, R26, R44	RES 1K POT	1309150-03	55 REF
2	R39, R63	RES 56 1/4 W 5%	1302602	56 REF
2	R38, R47	RES 2.4K 1/4 W 5%	1303177	57 REF
1	R45	RES 2.74K 1/4 W 1%	1304868	58 1
3	R41, R50, R32	RES 1 2W 5% WW	1305428	59 6
1	R51	RES 10K 1/4 W 5%	1300479	60 20
1	R54	RES 8.2K 1/4 W 5%	1303179	61 2
3	R49, R58, R61	RES 750 1/4 W 5%	1301401	62 2
1	R57	RES 5K POT	1309150-4	63 2
1	R59	RES 500 POT 1/2 W 10%	1309150-8	64 1
1	R62	RES 330 1/4 W 5%	1300295	65 3
1	R66, R65, R64	RES .03 5W 3%	1310876-01	66 3
2	R65, R64	RES .05 5W 3%	1310876-03	67 3
5	R21, R28, R35, R48, R67	RES 100 1/4 W 5%	1300229	68 3
1	R69	RES 10 10W 10%	1300173	69 5
3		WASHER, LOCK, INTERNAL	9006653	70 4/R
4		SPACER, ROUND FIBRE #6-32	9009556	71 10
3		SCREW PAN HD #6-32 x 1/4	9006020-1	72 10
1	Q5	TRANSISTOR 2N5302	1510196	73 4/R
4	Q6, Q7, Q8, Q10	TRANSISTOR 2N3055	1505819	74 1
2	Q11, Q12	TRANSISTOR 2N2904A	1501913	75 1
3	D15, D22, D26	SCR 2N4441	1505867	76 1
3	E1, E2, E3	I.C. DEC 723	1910415	77 1
1	E4	I.C. LM304	1911555	78 52
1	E5	I.C. DEC 75451	1910406	79 1
3	W2, W3, W4	JUMPER INSULATED (.4)	9009185	80 1
1	F2	FUSE 6 1/4 A SB	9007223	81 6
1	F2	FUSE 4A SB	9007220	82 2
1	F4	FUSE 15A SB	9007227	83 2
1	F5	FUSE 3.0 A SB	9007218	84 2
2	F6, F7	FUSE 20A	9008835	85 2
2	F8, F9	FUSE 5A SB	9007222	86 2
2	F11, F10	FUSE 3/4 A	9007210	87 4
3	F13, F14, F12	FUSE 15A (AXIAL LEAD)	1210929	88 2
1	F1	FUSE 5A SB (BUSS MDX5)	9009791	89 4
1	K2	RELAY	1210683	90 1
2	L1, L2	INDUCTOR 12 UH	1603358	91 1
6		WASHER NYLON	9006707	92 1
3		WASHER LOCK	9007801	93 1
2		ROLL PIN 1" LONG	9009372	94 1
8		SPLIT LUG	9006735	95 2
1	W1 (F15 LOCATION)	WIRE, BUSS, 22 AWG.	9107560-01	96 2
5	1 THRU 4, 6	TAB FASTON	9008219	97 1
1		TAB FASTON	9007113	98 3
1		HEAT SINK	1210907	99 2
1		WASHER, FLAT	9006653	100 2
1		SCR, PAN HD #6-32 X 1/2	9006024-1	101 3
1		NUT, KEPS	9008185	102 4
1/R		TUBING, #10 AWG 3/16 LG	9107302-11	103 2
1/YR		RES 47 1/4 W 5%	1300202	104 1
1	D12	DIODE (UNITRODE)	1113889-0	106 1
10		LOCKWASHER #4 INT	9006632	107 2
1/R		WIRE, 30GA SOLID	9105740-55	108 1

IC TYPE	QND	+5V
75451	4	8

GND, +5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPTIONS ARE STATED ABOVE

IC PIN LOCATIONS

CHK	CHANGE NO.	REV.
H. DRAB	1	1/17/77
H. DRAB	2	2/1/77
H. DRAB	3	2/1/77
H. DRAB	4	2/1/77
H. DRAB	5	2/1/77
H. DRAB	6	2/1/77
H. DRAB	7	2/1/77
H. DRAB	8	2/1/77
H. DRAB	9	2/1/77
H. DRAB	10	2/1/77
H. DRAB	11	2/1/77
H. DRAB	12	2/1/77
H. DRAB	13	2/1/77
H. DRAB	14	2/1/77
H. DRAB	15	2/1/77
H. DRAB	16	2/1/77
H. DRAB	17	2/1/77
H. DRAB	18	2/1/77
H. DRAB	19	2/1/77
H. DRAB	20	2/1/77

FIRST USED ON OPTION MODEL T1J16

ETCH BOARD REV. A

DRN. DATE 2-18-76
CHKD. DATE 2-18-76
EVD. DATE 2-18-76
PROJ. ENG. DATE 2-18-76
PRD. DATE 2-18-76
NEXT HIGHER ASSY

TITLE TUI6 POWER SUPPLY

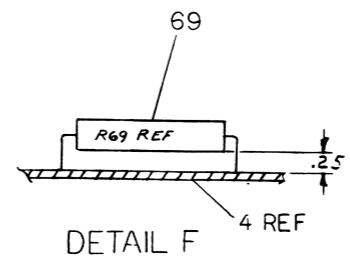
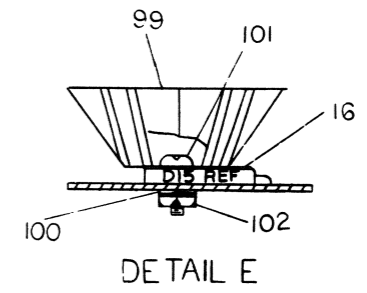
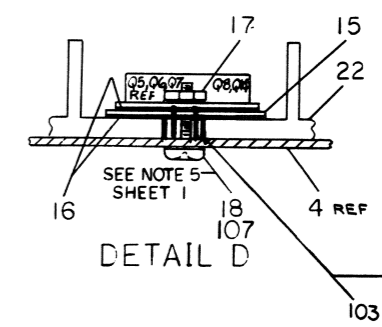
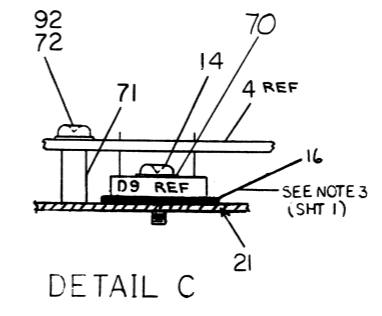
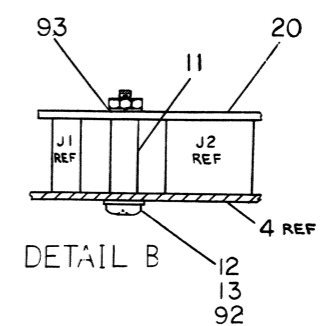
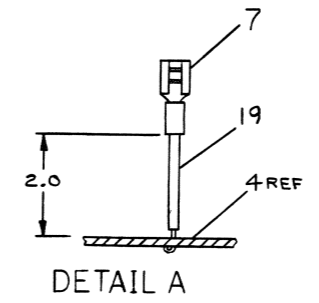
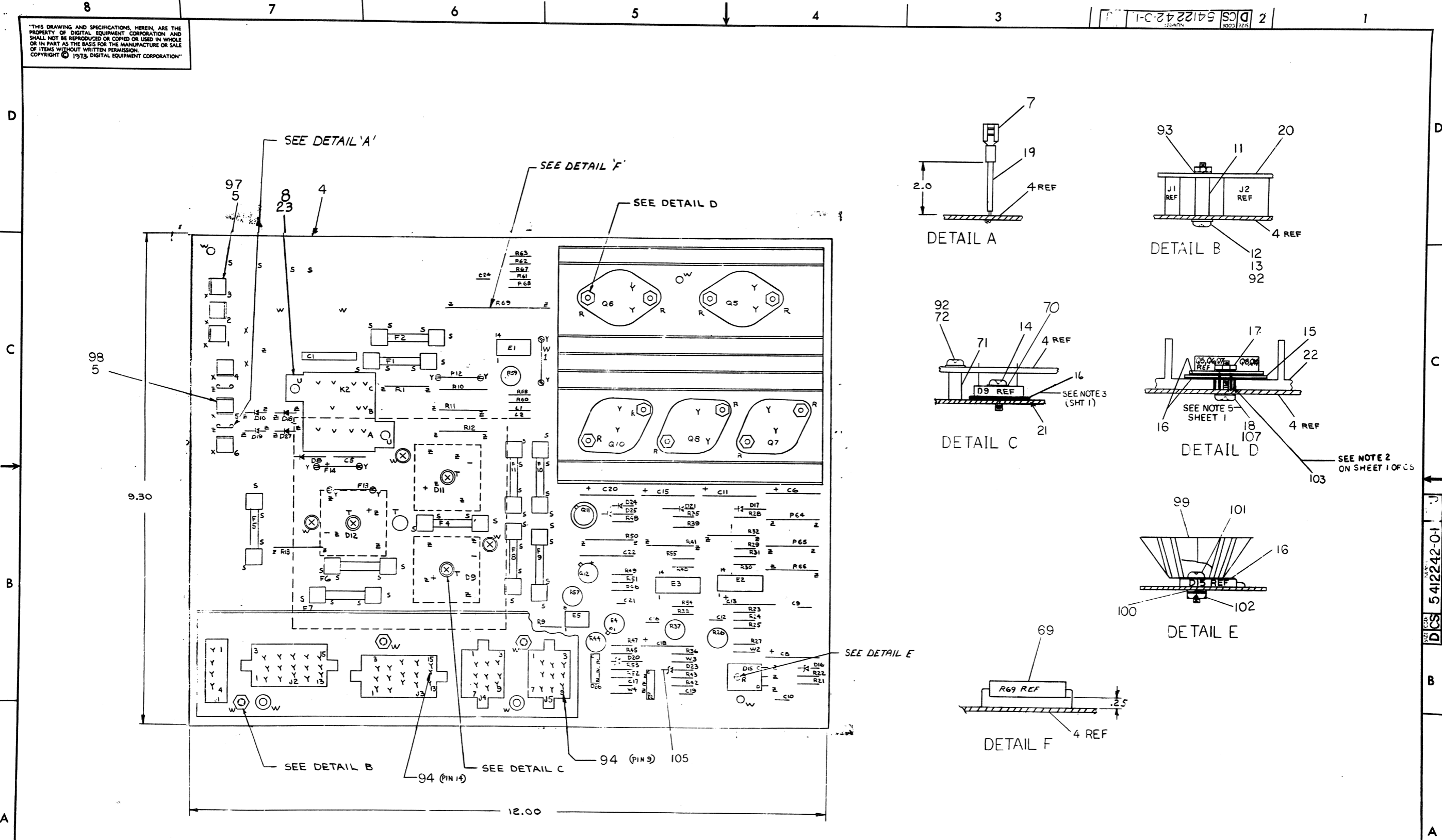
SIZE CODE DCS NUMBER 5412242-0-1 REV. J

SCALE 1 OF 3 SHEET 1 OF 3

SEMICONDUCTOR CONVERSION CHART

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1973, DIGITAL EQUIPMENT CORPORATION"

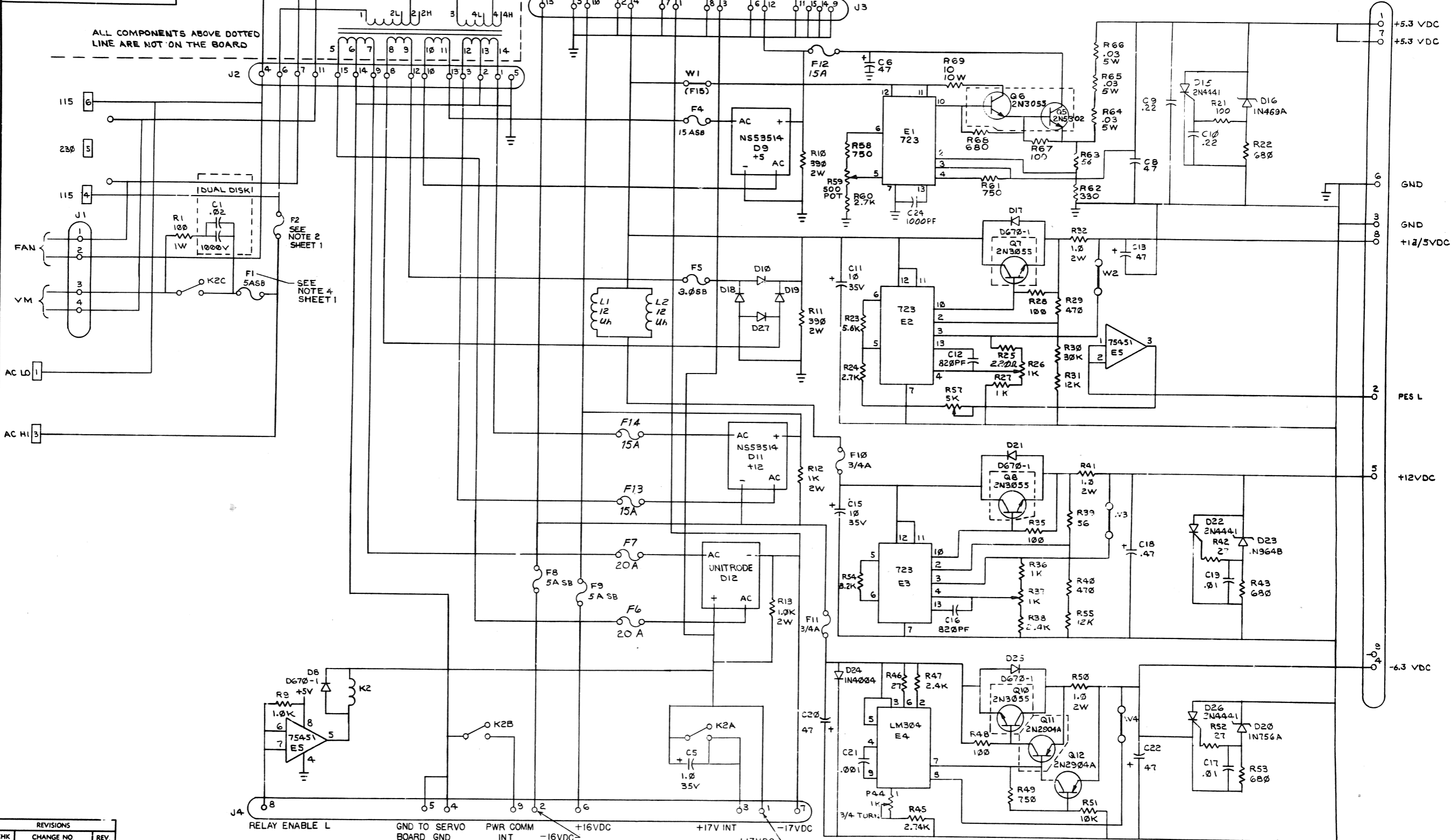
DCS 5412242-0-1 2



SEE NOTE 2 ON SHEET 1 OF CS

REVISIONS		
CHK	CHANGE NO.	REV.

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1975, DIGITAL EQUIPMENT CORPORATION"



REVISIONS		
CHK	CHANGE NO	REV

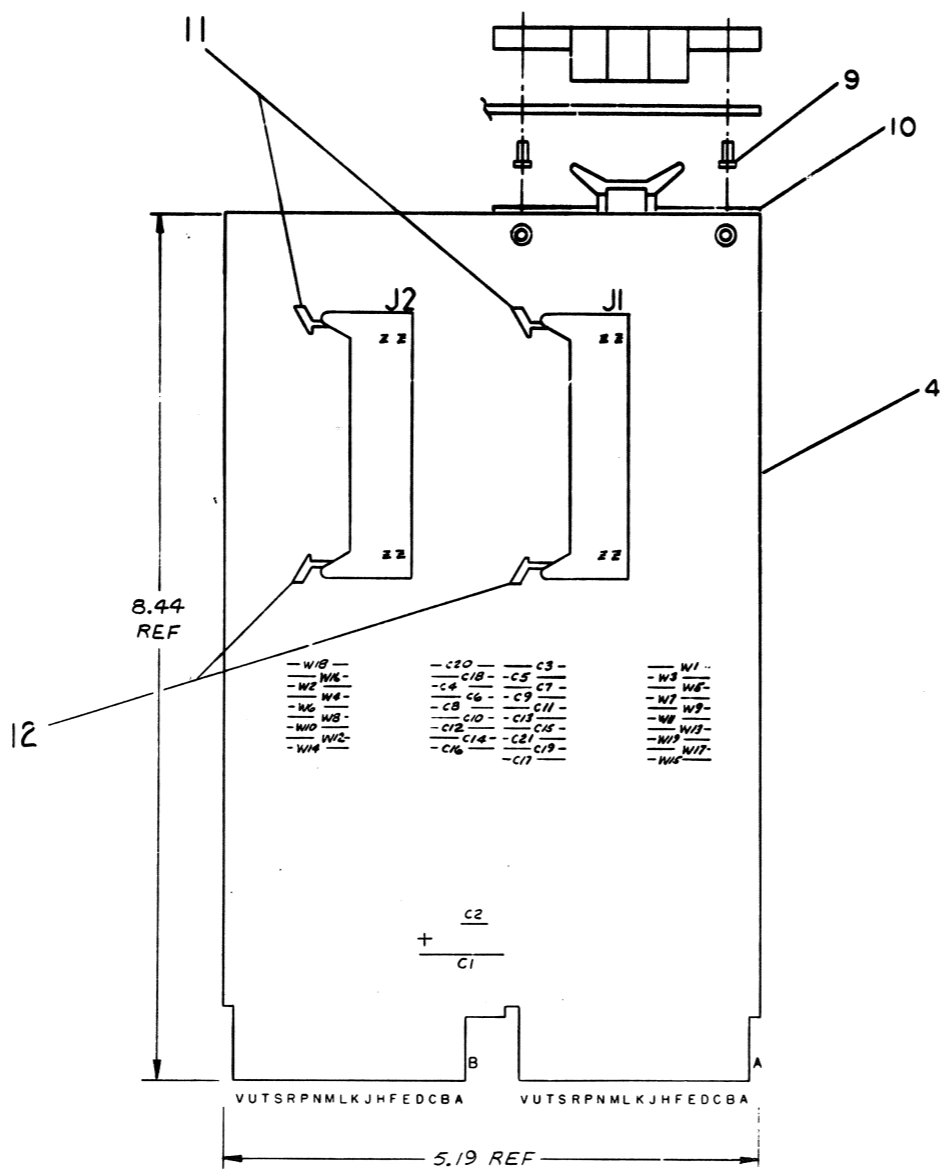
TITLE	TU16 POWER SUPPLY	SIZE CODE	D CS	NUMBER	5412242-0-1	REV.	
SCALE		SHEET	3	OF	3	DIST.	

D CS 5412242-0-1

"THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
 COPYRIGHT © 1974, DIGITAL EQUIPMENT CORPORATION"

NOTES:

REF	X-Y COORDINATE HOLE LOCATION	K-CO-M9001-0-4	1
REF	ASSY/DRILLING HOLE LAYOUT	D-MH-M9001-0-5	2
REF	MODULE ECO HISTORY	B-MH-M9001-3-6	3
1	ETCHED CIRCUIT BOARD	5010465	4
20	C2 THRU C21	CAP .01UF 100V 20% AXIAL	1001610
1	C1	CAP 6.8UF 35V 10% TANT	1005306
19	W1 THRU W19	JUMPER, INSULATED WIRE	9009185
2	U1, U2	CONN, 43 PIN	1209941-2
4	EYELET	9006732	9
2	HANDLE FLIP-CHIP MAGENTA	9008337-6	10
2	LATCH, LEFT	1209941-3	11
2	LATCH, RIGHT	1209941-4	12



-W18- -C20- -C3- -W3-
 -W2- -C18- -C5- -W4-
 -W5- -C6- -C9- -W7-
 -W6- -C8- -C11- -W8-
 -W10- -C10- -C13- -W9-
 -W12- -C12- -C15- -W13-
 -W14- -C14- -C17- -W15-
 -C16- -C19- -W16-
 -C17- -W17-
 -W19-



IC TYPE	GND	+ 5V
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPTIONS ARE STATED ABOVE		
IC PIN LOCATIONS		

FIRST USED ON OPTION MODEL
TU16
 ETCH BOARD REV C

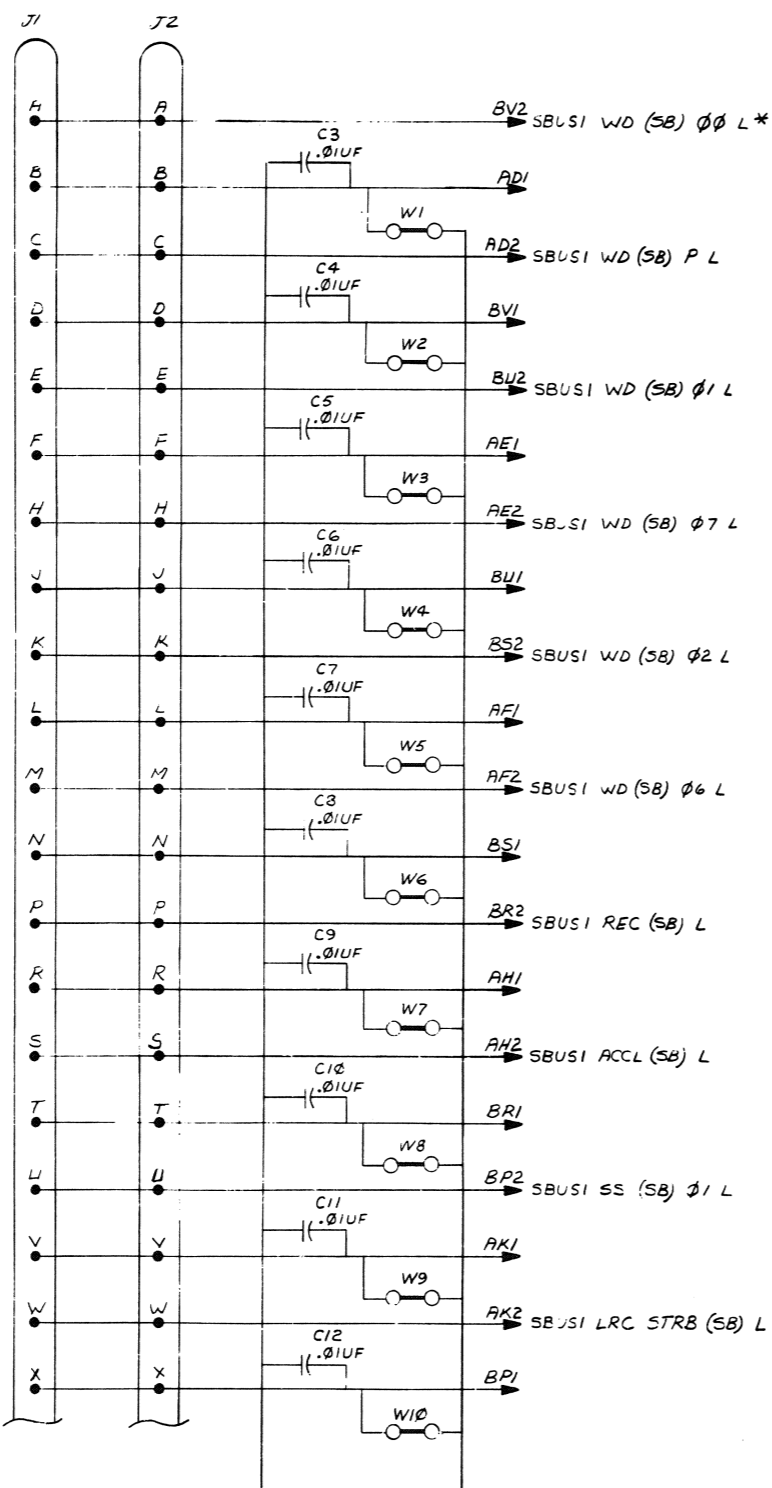
QTY	REF DESIGNATION	DESCRIPTION	PART NO	ITEM NO.

DRN. 3/4/74
 CHKD. 3/4/74
 ENG. 3/4/74
 PROJ. ENG. 3-4-74
 PROD. 3-4-74

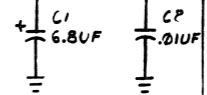
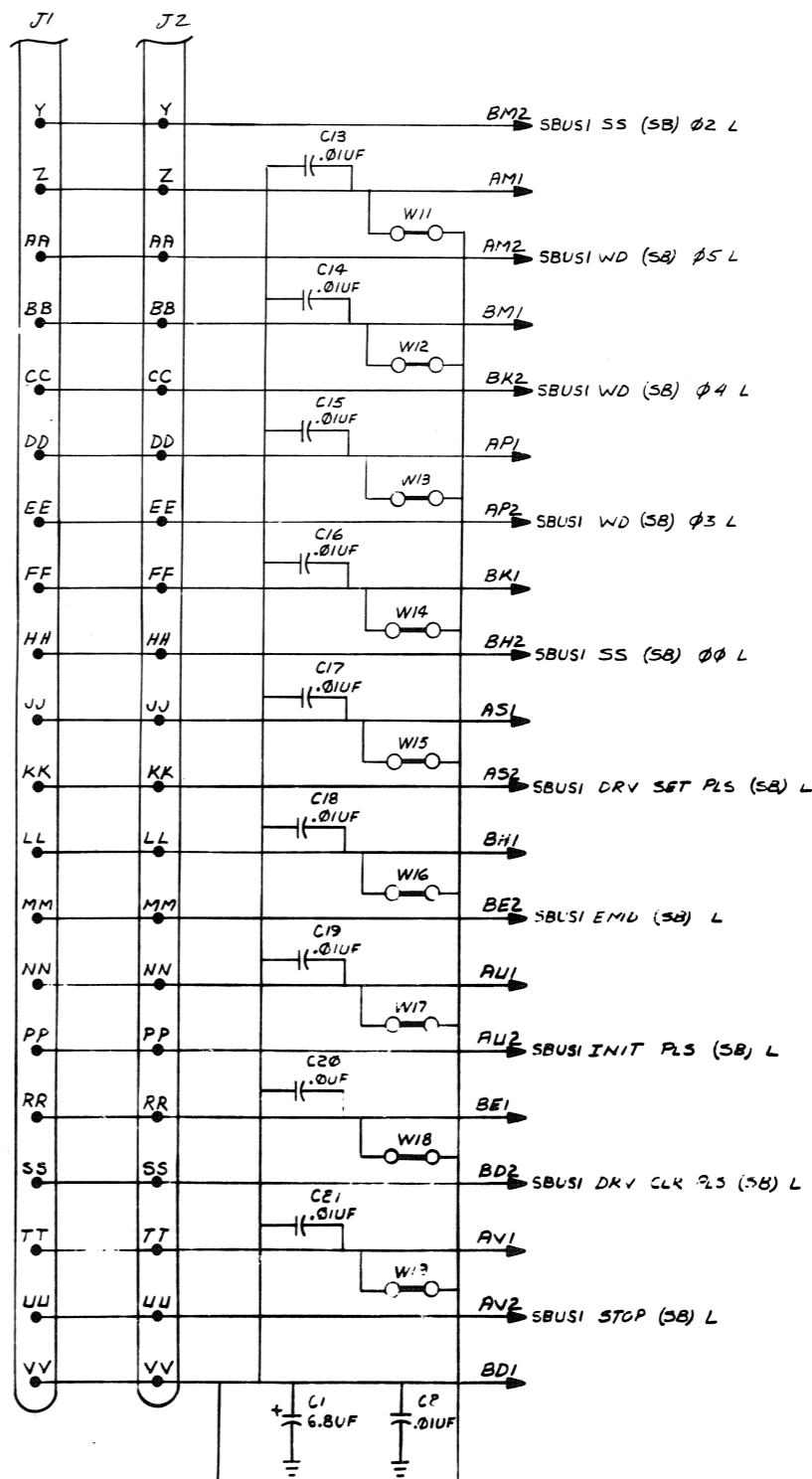
TITLE: **digital** EQUIPMENT CORPORATION
GEN PURPOSE CARD (A & B)
 SIZE CODE NUMBER REV.
DCS M9001-0-1 C

SEMICONDUCTOR CONVERSION CHART
 SCALE: + +
 SHEET 1 OF 2

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR LOANED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION OF DIGITAL EQUIPMENT CORPORATION. COPYRIGHT © 1974, DIGITAL EQUIPMENT CORPORATION.



* NOTE: ALL SIGNALS ORIGINATE IN TM02.

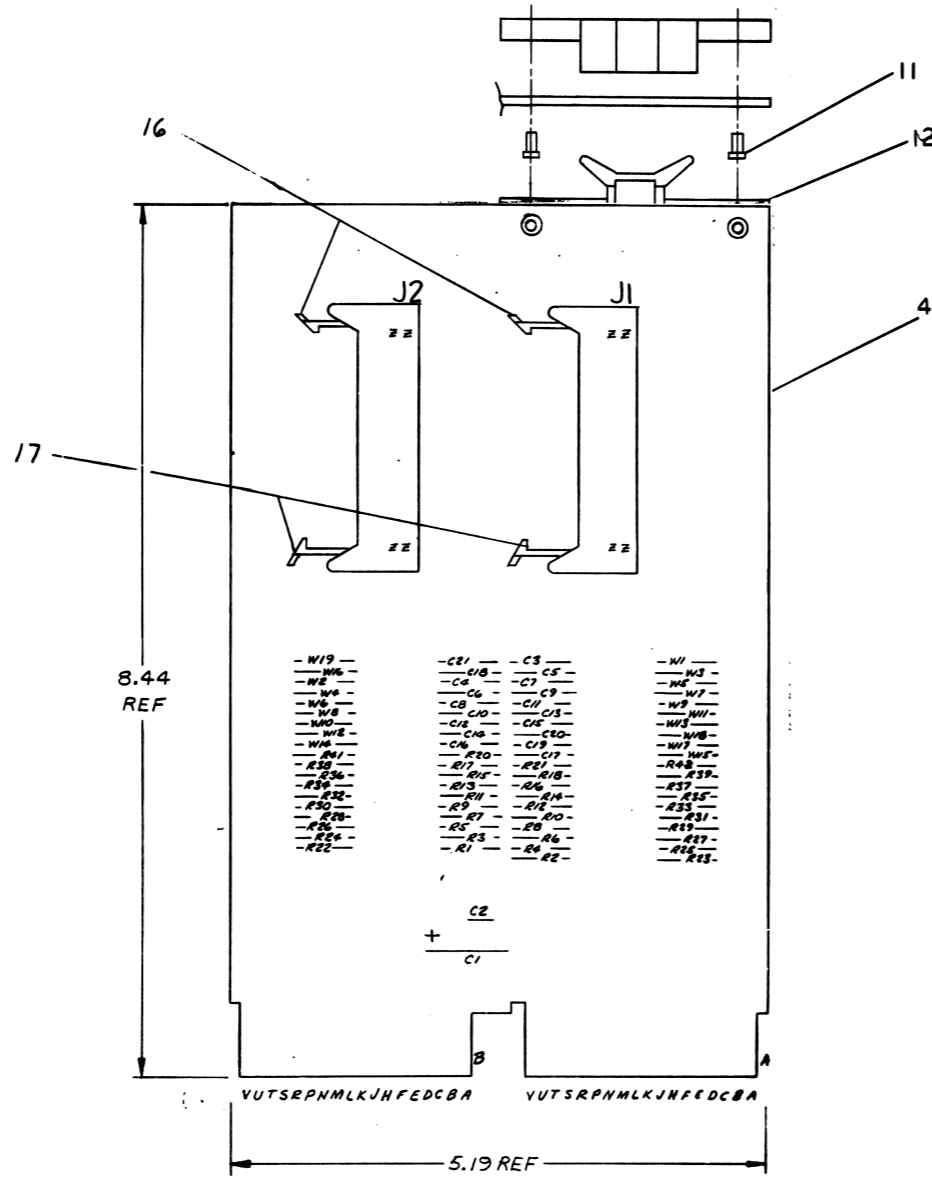


REVISIONS		
HK	CHANGE NO	REV

TITLE	GEN PURPOSE CARD (A & B)	SIZE CODE	D CS	NUMBER	M9001-0-1	REV.	C
SCALE	+	SHEET	2	OF	2	DIST.	

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
 COPYRIGHT © 1974, DIGITAL EQUIPMENT CORPORATION

NOTES:



REF	DESCRIPTION	QTY	PART NO.	ITEM NO.
	X-Y COORDINATE HOLE LOCATION		K-CO-M9001-0-4	1
	ASSY/DRILLING HOLE LAYOUT		D-AH-M9001-YB-5	2
	MODULE ECO HISTORY		B-MH-M9001-YB-6	3
	ETCHED CIRCUIT BOARD		5010465	4
20	C2 THRU C21		CAP .01UF 100V AXIAL	5
1	C1		CAP 6.8UF 35V 10% TANT	6
5	R7, R16,R17,R18,R20		RES. 120 1/4W 5%	7
11	R28-R32,R36-R38,R41,R42		RES. 220 1/4W 5%	8
19	W1 THRU W19		JUMPER, INSULATED WIRE	9
2	J1, J2		CONN, 40 PIN	10
4			EYELET	11
2			HANDLE, FLIP-CHIP, MAGENTA	12
6	R8-R11, R15, R21		RES. 150, 1/4 w, 5 %	13
9	R1-R6, R12-R14		RES. 390, 1/4 w 5 %	14
9	R22-R27, R33-R35		RES. 620, 1/4 w 5 %	15
2			CONNECTOR LATCH, LEFT	16
2			CONNECTOR LATCH, RIGHT	17

IC TYPE	GND	+ 5V

GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPTIONS ARE STATED ABOVE

IC PIN LOCATIONS

FIRST USED ON OPTION MODEL
TU16

ETCH BOARD REV C

REVISIONS

DEC NO.	EIA NO.	DEC NO.	EIA NO.

DRN: 3/4/74
 CHK'D: 3/6/74
 ENG: 3-6-74
 PROJ. ENG: 3-6-74
 PRD: 3-7-74

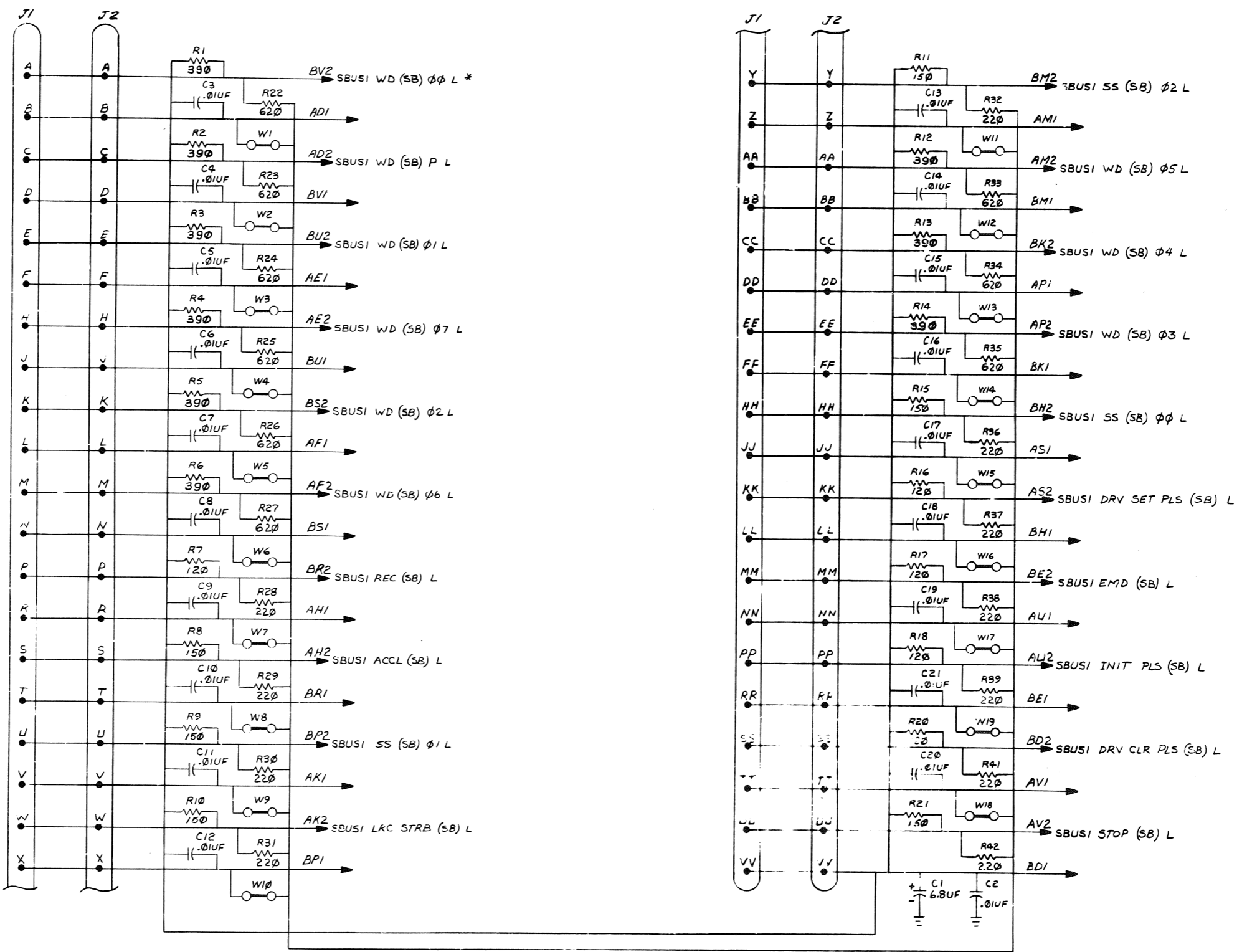
digital EQUIPMENT CORPORATION
 TITLE: GEN PURPOSE CARD (A & B)
 SIZE: M9001-YB-1
 NUMBER: C

SEMICONDUCTOR CONVERSION CHART
 SCALE: / /
 SHEET: 1 OF 2

DCS M9001-YB-1-C

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1974 DIGITAL EQUIPMENT CORPORATION.

DCS M9001-YB-1 2



* NOTE: ALL SIGNALS ORIGINATE IN TM32

REVISIONS		
CHK	CHANGE NO	REV

TITLE GEN PURPOSE CARD (A & B) SIZE CODE DCS NUMBER M9001-YB-1 REV. C SHEET 2 OF 2

8

7

6

5

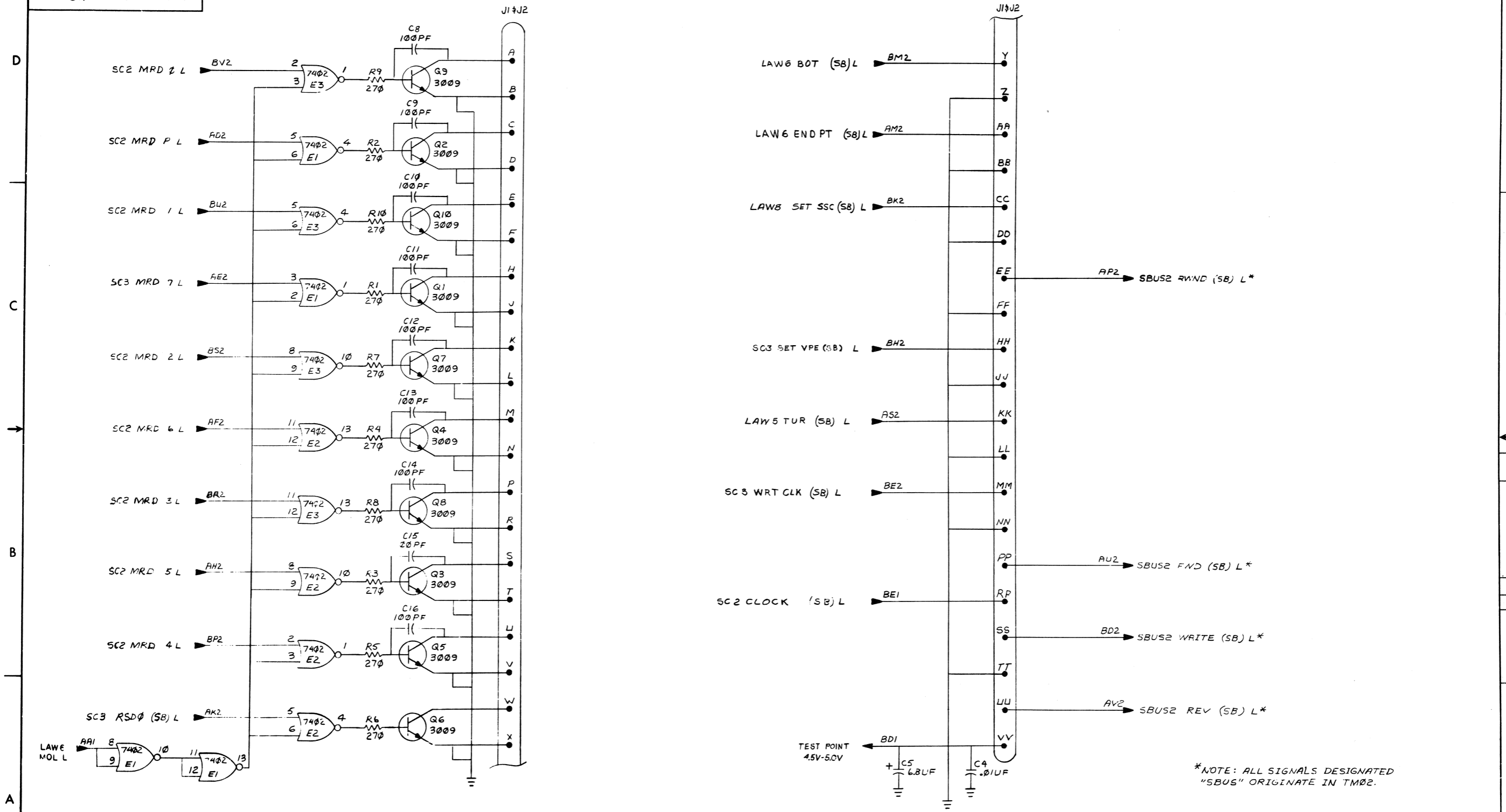
4

3

1-0-3168W SCD 2

1

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1974 DIGITAL EQUIPMENT CORPORATION"



REVISIONS		
CHK	CHANGE NO	REV

TITLE	SBUS2 (SLOT C/P)	SIZE CODE	NUMBER	REV.
	DATA DRIVER	DCS	M8913-0-1	
SCALE	SHEET 2	OF 2	DIST.	

8

7

6

5

4

3

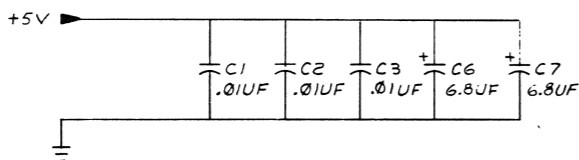
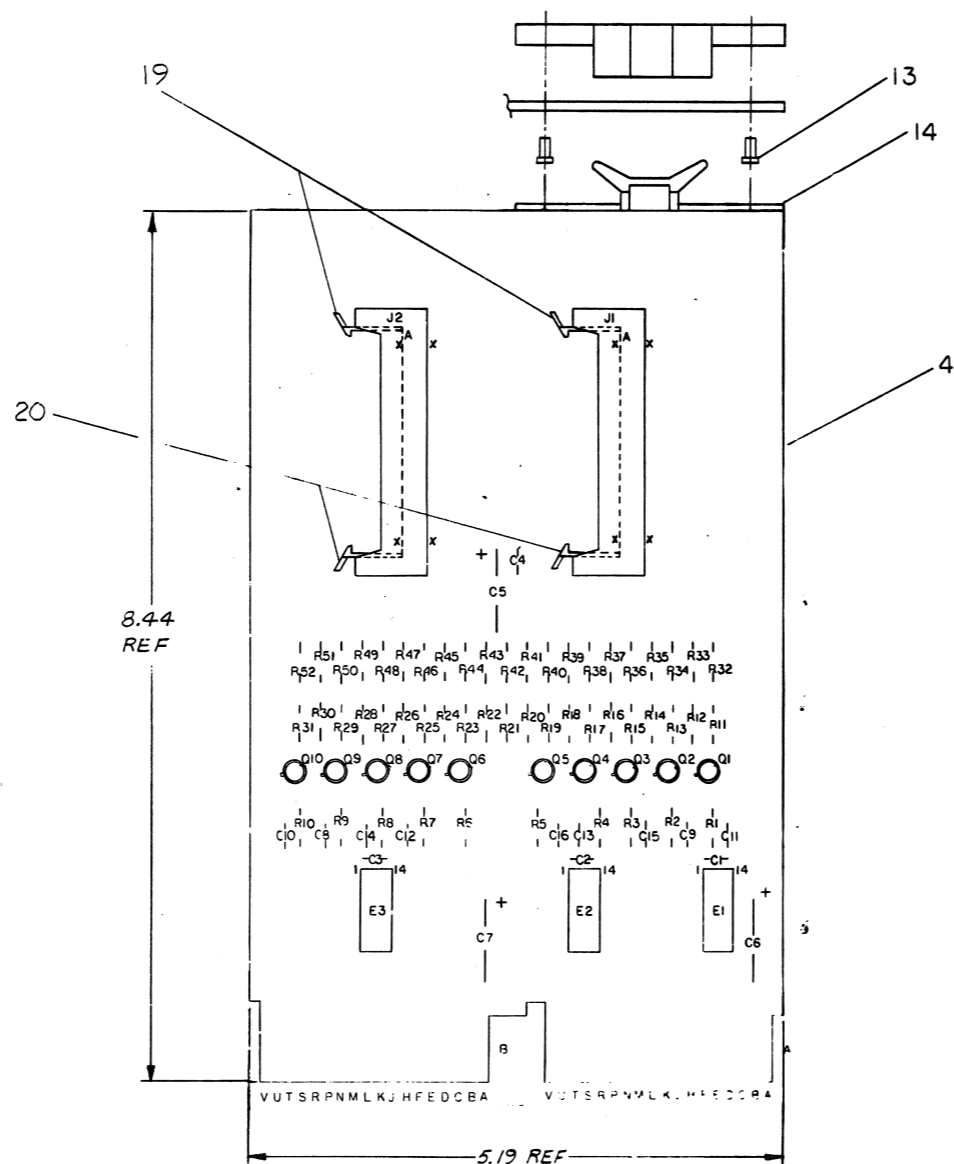
2

1

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1974, DIGITAL EQUIPMENT CORPORATION

NOTES:

D
C
B
A



IC TYPE	GND	+5V

GND AND 5V ARE USUALLY PIN 7 AND 14
RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE

IC PIN LOCATIONS

FORM NO. 100-113-00
REV. 13-76

8

7

6

5

4

3

2

1

CS M8913-YA-1 2

REF	X-Y COORDINATE HOLE LOCATION	K-CO-M8913-0-4	1	
REF	ASSY/DRILLING HOLE LAYOUT	D-AH-M8913-YA-5	2	
REF	MODULE ECO HISTORY	B-MH-M8913-YA-6	3	
1	ETCHED CIRCUIT BOARD	5010980	4	
2	J1, J2	CONN 40 PIN	1209941-02	5
4	C1 THRU C4	CAP .01UF 100V 20% DISC	1001610-01	6
3	C5, C6, C7	CAP 6.8UF 35V 10% TANT	1005306	7
3	E1, E2, E3	IC 7402	1909004	8
10	Q1 THRU Q10	TRANSISTOR 3009B	1503100	9
9	C8 THRU C16	CAP 100PF 100V 5% DM	1000016	10
21	R32 THRU R52	RES 220 1/4W 5%	1300271	11
10	R1 THRU R10	RES 270 1/4W 5%	1301972	12
4		EYELET	9006732	13
2		HANDLE, FLIP-CHIP, MAGENTA	9008337-6	14
11	R12, R14, R16, R18, R20, R21, R22, R24, R26, R28, R30	RES 150 1/4W 5%	1300250	15
10	R11, R13, R15, R17, R19, R23, R25, R27, R29, R31	RES 120 1/4W 5%	1300247	16
				17
				18
2	CONNECTOR LATCH, LEFT	1209941-3		19
2	CONNECTOR LATCH, RIGHT	1209941-4		20

DIGITAL M8913-YA-1 C

B

FIRST USED ON OPTION MODEL

TUI6

PARTS LIST

ETCH BOARD REV B

REV	CHG	NO.	DATE	BY
1	A		3/1/74	H. DRAB
2	B		3/6/74	C. WILSON
3	C		3-8-74	A. J. FLETCHER
4	D		11-3-74	J. HIL
5	E			
6	F			
7	G			
8	H			
9	I			
10	J			
11	K			
12	L			
13	M			
14	N			
15	O			
16	P			
17	Q			
18	R			
19	S			
20	T			
21	U			
22	V			
23	W			
24	X			
25	Y			
26	Z			

DRN 3/1/74
CHKD 3/6/74
ENG 3-8-74
PROJ. ENG. 3-8-74
PROD. 11-3-74
NEXT HIGHER ASSY

SCALE 1 OF 2

digital EQUIPMENT CORPORATION

TITLE DATA DRIVE
S BUS 2
(SLOT C/P)

SIZE CODE NUMBER DIST. C
DIGITAL M8913-YA-1

SEMICONDUCTOR CONVERSION CHART

DEC NO. EIA NO. DEC NO. EIA NO.

8

7

6

5

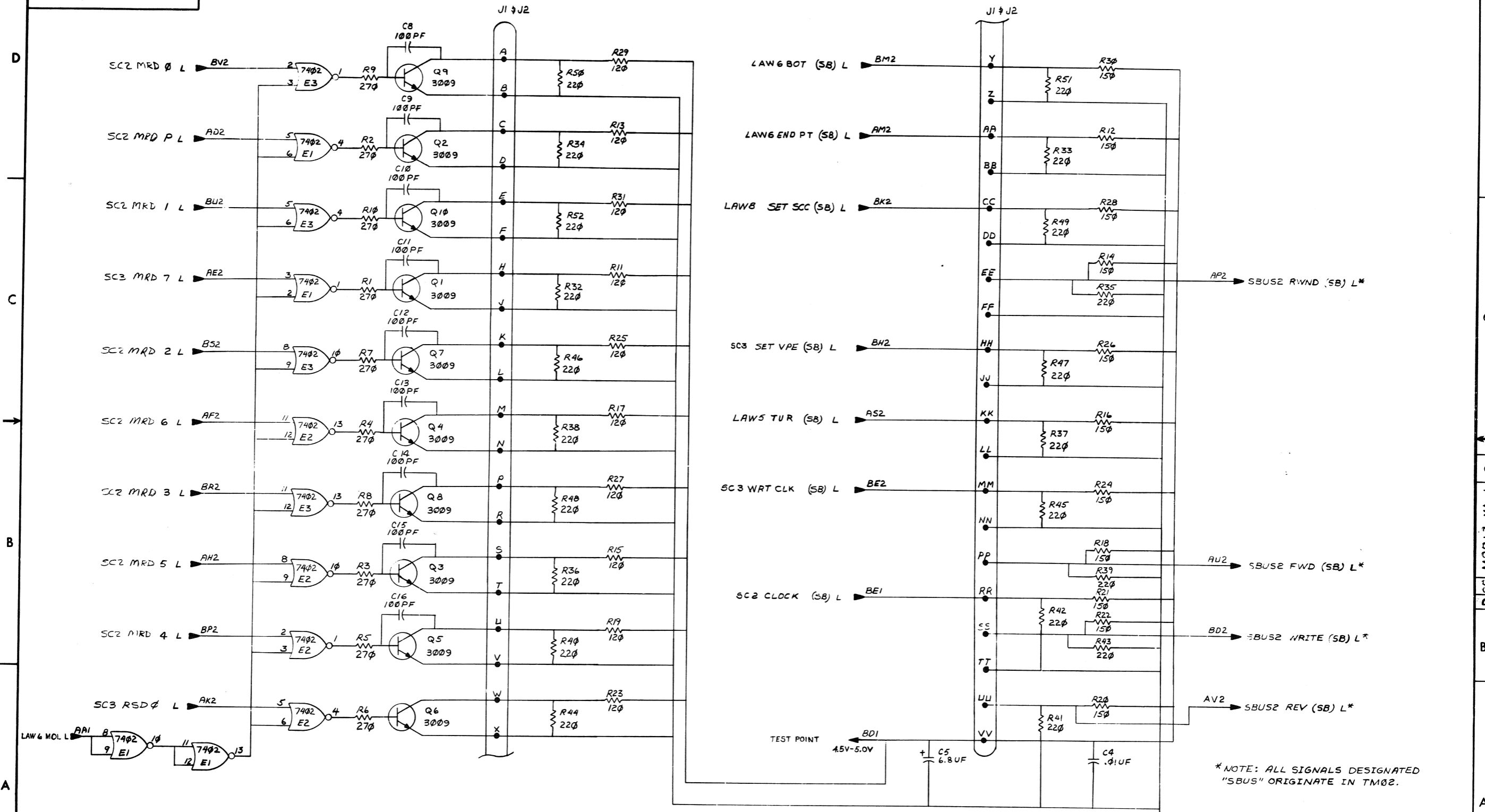
4

3

2

1

THIS DRAWING AND SPECIFICATIONS HEREBY ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1974, DIGITAL EQUIPMENT CORPORATION.

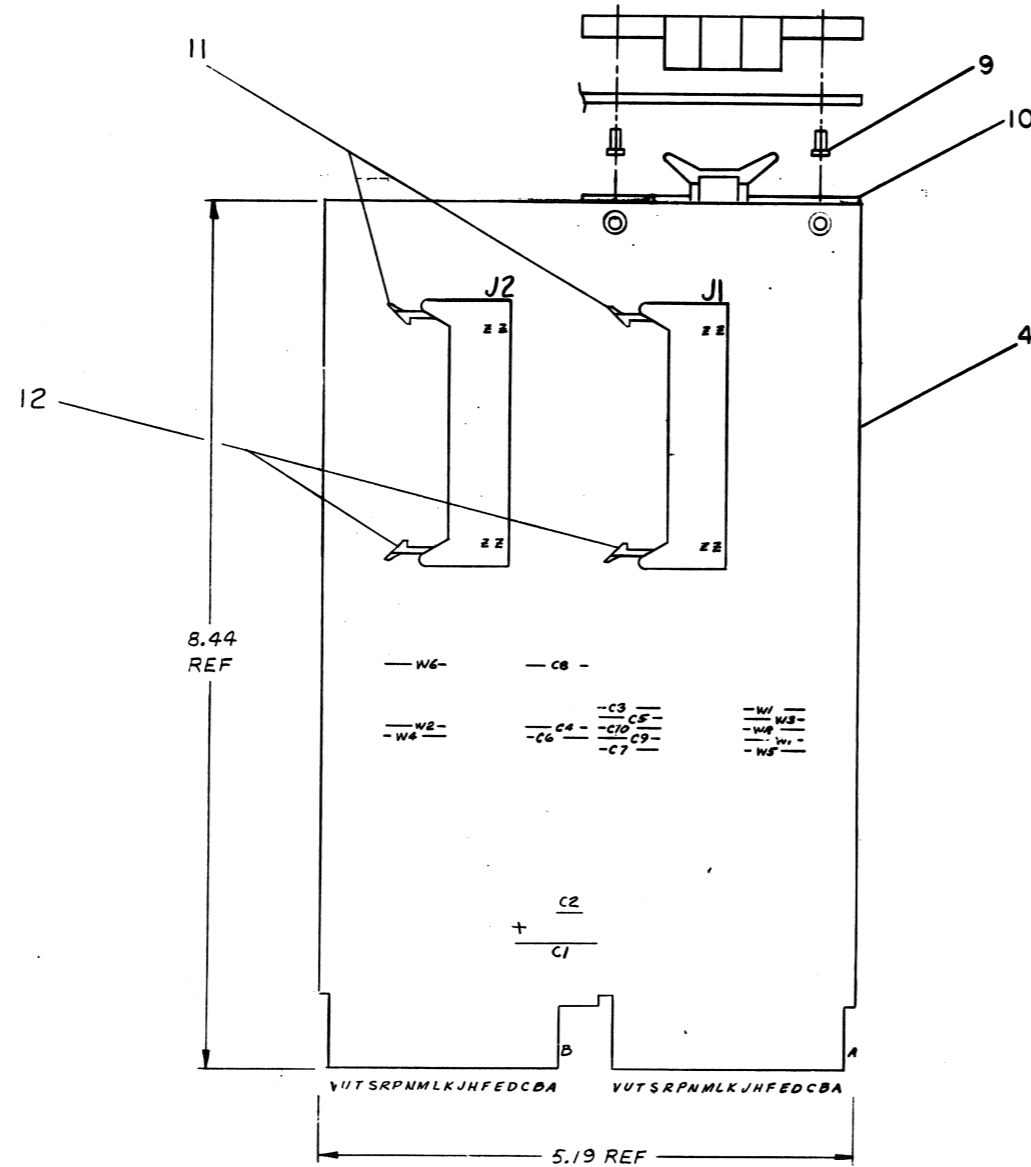


* NOTE: ALL SIGNALS DESIGNATED "SBUS" ORIGINATE IN TM02.

REVISIONS		
CHK	CHANGE NO.	REV.

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1974, DIGITAL EQUIPMENT CORPORATION"

NOTES:



1-V1-1006M SCD 2

REF		X-Y COORDINATE HOLE LOCATION	K-CO-M9001-2-4	1
REF		ASSY/DRILLING HOLE LAYOUT	D-AH-M9001-YA-5	2
REF		MODULE ECO HISTORY	B-MH-M9001-YA-6	3
1		ETCHED CIRCUIT BOARD	5010465	4
9	C2 THRU C10	CAP .01UF 100V 20% AXIAL	1001610	5
1	C1	CAP 6.8UF 35V 10% TANT	1005306	6
8	W1 THRU W8	JUMPER, INSULATED WIRE	9009185	7
2	J1, J2	CONN, 40 PIN	1209941-2	8
4		EYELET	9006732	9
2		HANDLE, FLIP-CHIP, MAGENTA	3008337-6	10
2		CONNECTOR LATCH, LEFT	1209941-3	11
2		CONNECTOR LATCH, RIGHT	1209941-4	12

IC TYPE		GND	+ 5V
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE.			
IC PIN LOCATIONS			

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
ETCH BOARD REV C				
DRN	DATE	 TITLE: GEN PURPOSE CARD (E & F) SIZE CODE: DCS M9001-YA-1 NUMBER: C		
CHKD	DATE			
ENG	DATE			
PROJ. ENG.	DATE			
PRG.	DATE			
NEXT HIGHER ASSY				
DEC. NO.	EIA NO.	DEC. NO.	EIA NO.	
SEMICONDUCTOR CONVERSION CHART				
SCALE: 1 OF 2				

DCS M9001-YA-1 C

8 7 6 5 4 3 2 1

D C B A

8

7

6

5

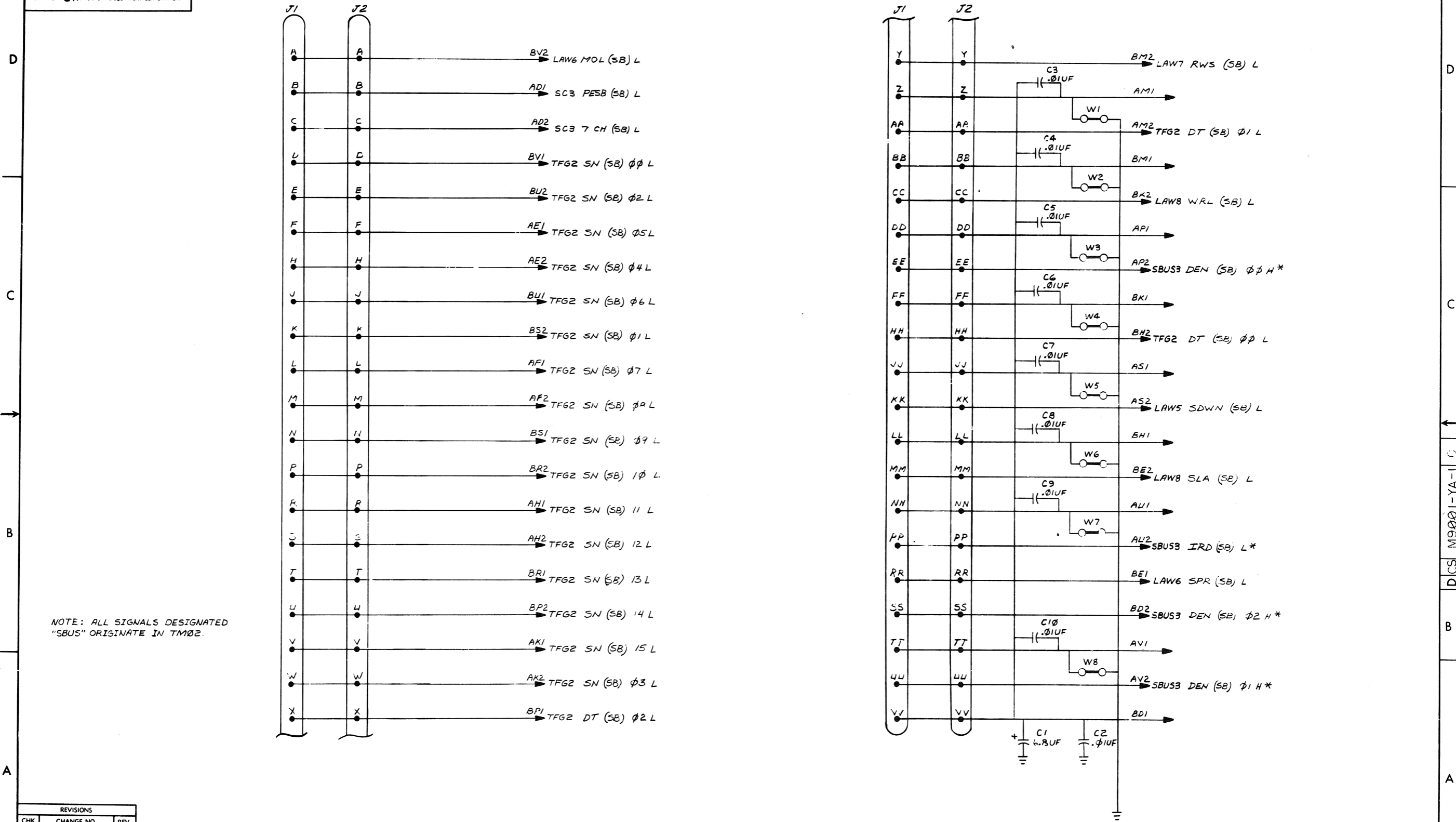
4

3

DCS M9001-YA-1 2

1

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1979, DIGITAL EQUIPMENT CORPORATION"



NOTE: ALL SIGNALS DESIGNATED "SBUS" ORIGINATE IN TM02.

REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	GEN PURPOSE CARD (E & F)	SIZE CODE	D CS	NUMBER	M9001-YA-1	REV.	C
SCALE	1:1	SHEET	2	OF 2	DIST.		

DEC FORM NO DED 138

8

7

6

5

4

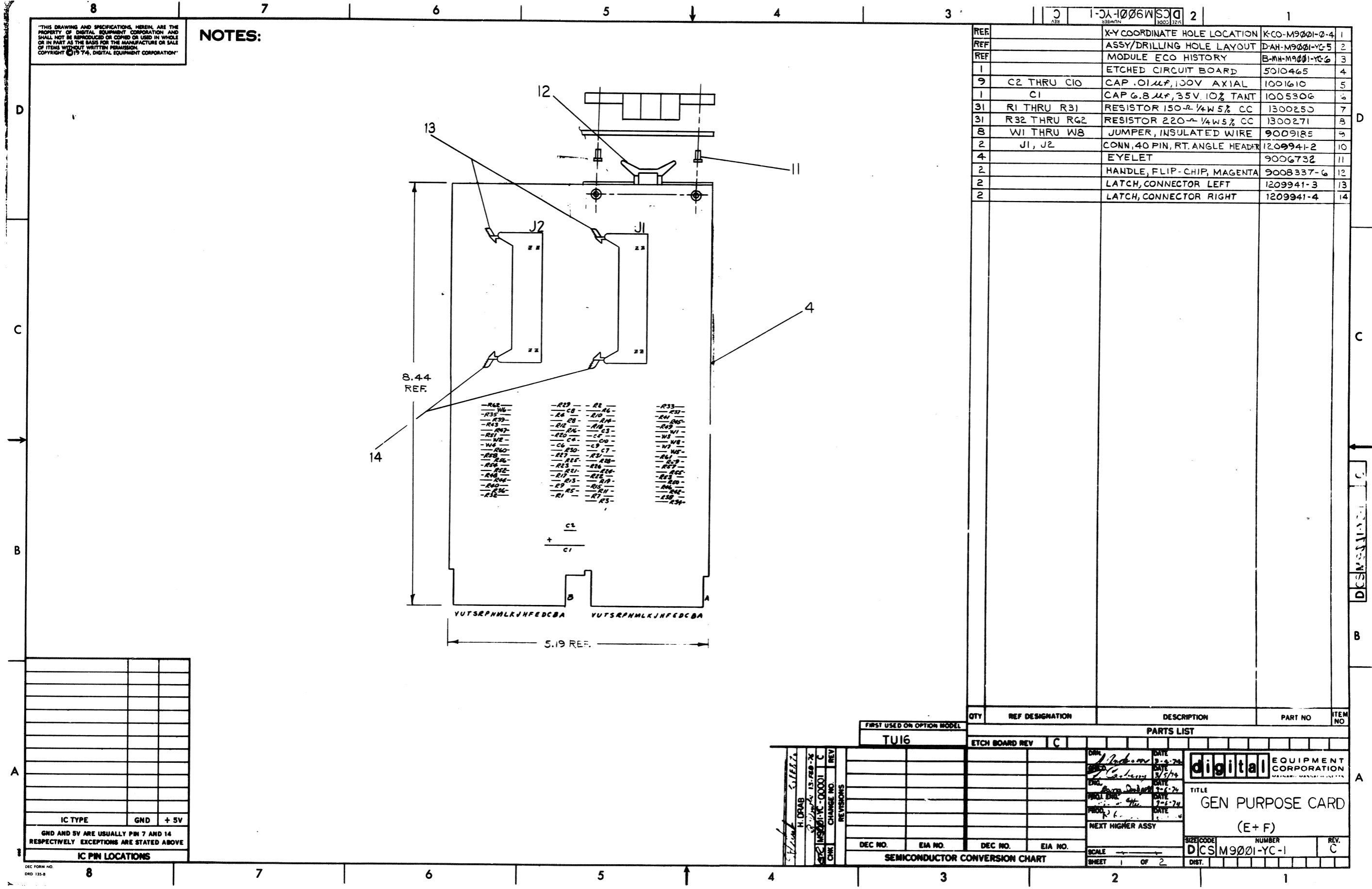
3

2

1

"THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1974, DIGITAL EQUIPMENT CORPORATION"

NOTES:



REF	DESCRIPTION	PART NO	QTY	
REF	X-Y COORDINATE HOLE LOCATION	KCO-M9001-0-4	1	
REF	ASSY/DRILLING HOLE LAYOUT	DAH-M9001-YC-5	2	
REF	MODULE ECO HISTORY	B-MH-M9001-10-6	3	
1	ETCHED CIRCUIT BOARD	5010465	4	
9	C2 THRU C10	CAP .01uF, 150V AXIAL	1001610	5
1	C1	CAP 6.8uF, 35V, 10% TANT	1005306	6
31	R1 THRU R31	RESISTOR 150-ohm 1/4W 5% CC	1300250	7
31	R32 THRU R62	RESISTOR 220-ohm 1/4W 5% CC	1300271	8
8	W1 THRU W8	JUMPER, INSULATED WIRE	9009185	9
2	J1, J2	CONN, 40 PIN, RT. ANGLE HEAD	1209941-2	10
4		EYELET	9006732	11
2		HANDLE, FLIP-CHIP, MAGENTA	9008337-6	12
2		LATCH, CONNECTOR LEFT	1209941-3	13
2		LATCH, CONNECTOR RIGHT	1209941-4	14

IC TYPE	GND	+5V

GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE.

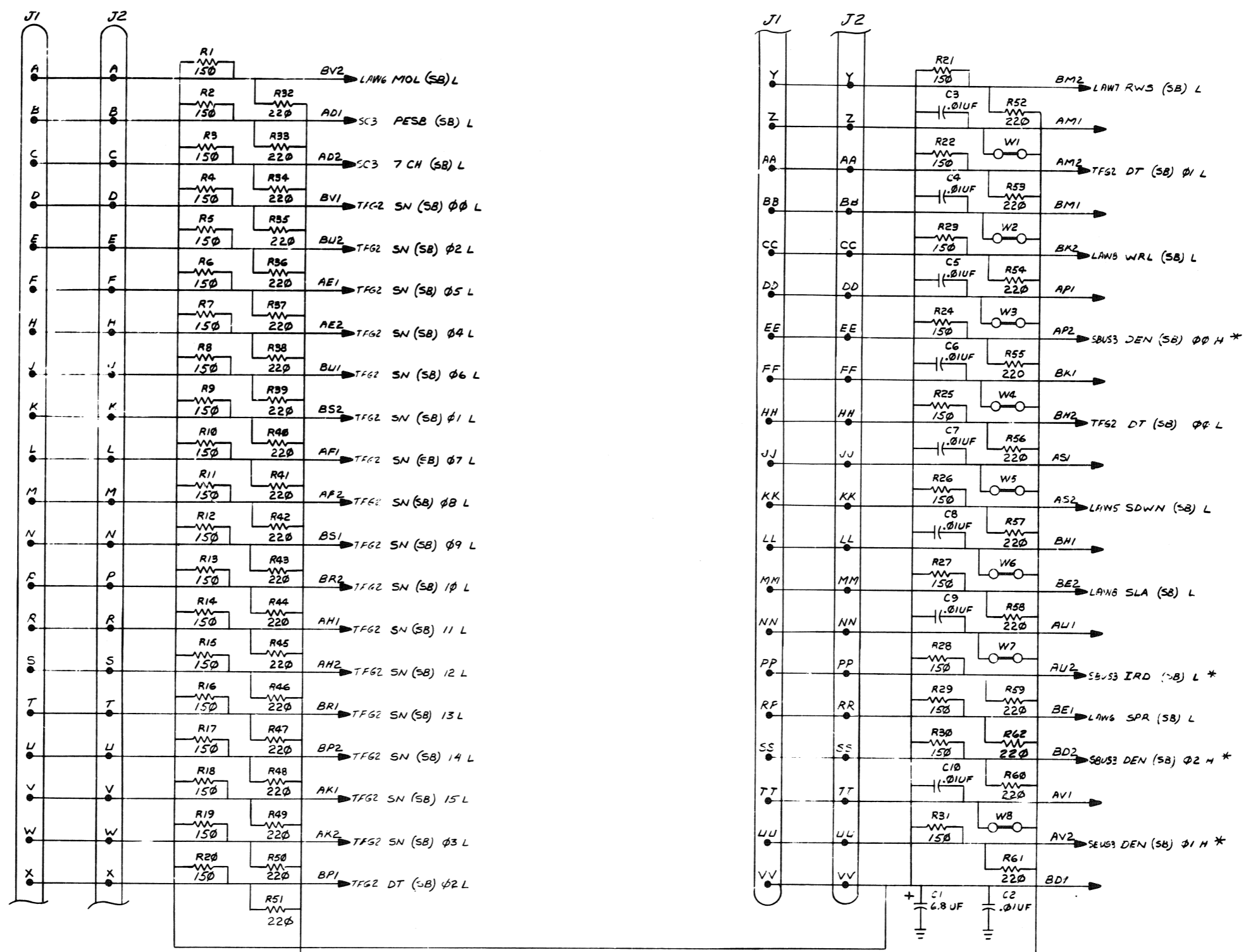
FIRST USED ON OPTION MODEL		PARTS LIST	
TU16	ETCH BOARD REV	C	

digital EQUIPMENT CORPORATION
TITLE: GEN PURPOSE CARD (E+F)
SIZE CODE: DCS M9001-YC-1
NUMBER: 1
REV: C

SCALE: 1 OF 2

"THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1970, DIGITAL EQUIPMENT CORPORATION"

1-2A-1006W SC 2



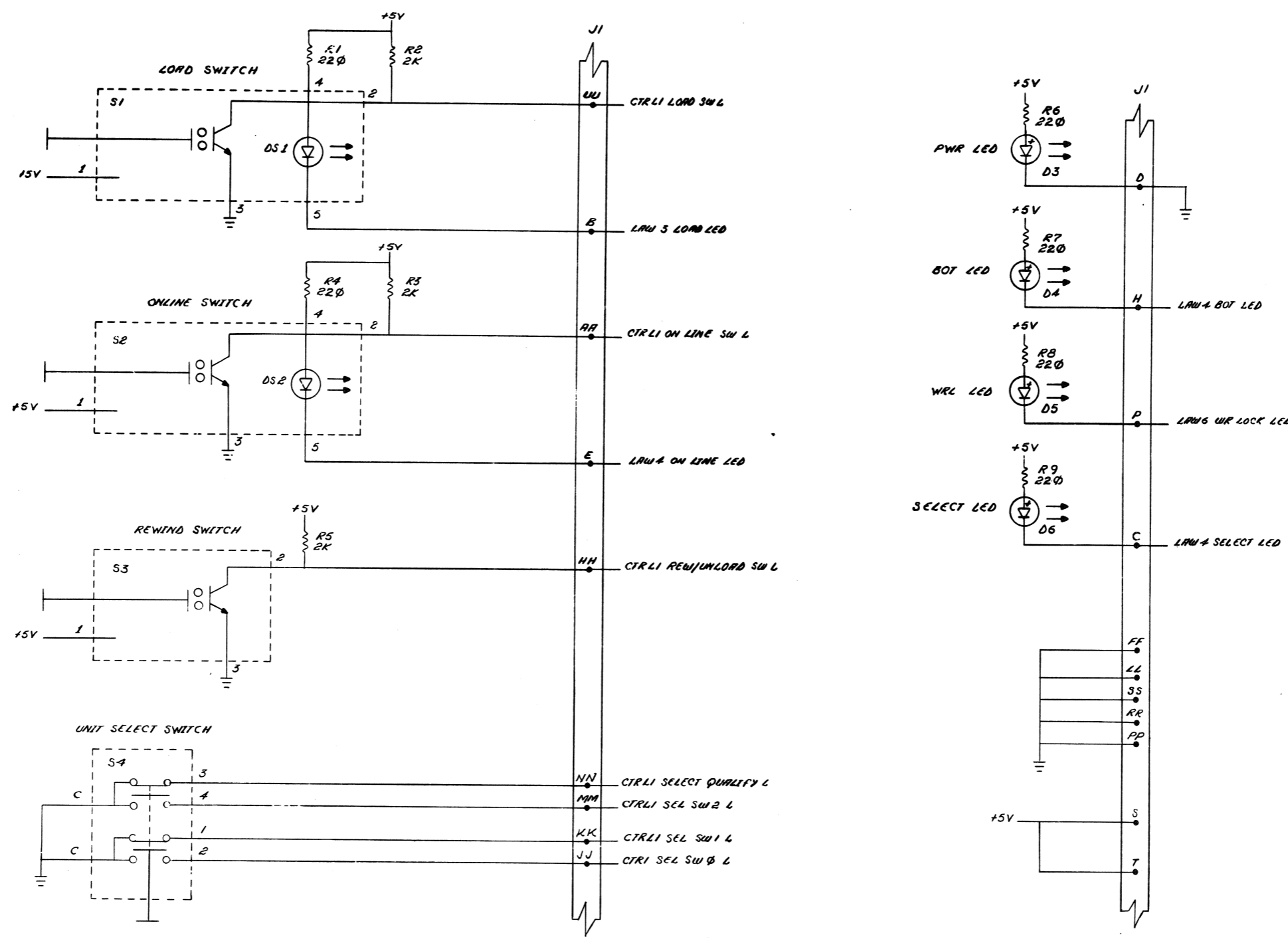
* NOTE: ALL SIGNALS DESIGNATED "SBUS" ORIGINATE IN TM02.

REVISIONS		
CHK	CHANGE NO	REV

TITLE GEN PURPOSE CARD (E & F) SIZE CODE DCS M9001-YC-1 NUMB. REV. C SCALE SHEET 2 OF 2 DIST.

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT 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 THE WRITTEN PERMISSION OF DIGITAL EQUIPMENT CORPORATION.
 COPYRIGHT © 1976, DIGITAL EQUIPMENT CORPORATION

REV. B
 DCS 5412347-0-1



REV. B	DATE 12/1/76
CHK'D [Signature]	20 SEPT 76
ENG. [Signature]	12/1/76
PROJ. ENG. [Signature]	12/1/76
PHOD. [Signature]	12/1/76
REV. A	DATE 12/1/76
CHK'D [Signature]	12/1/76
ENG. [Signature]	12/1/76
PROJ. ENG. [Signature]	12/1/76
PHOD. [Signature]	12/1/76

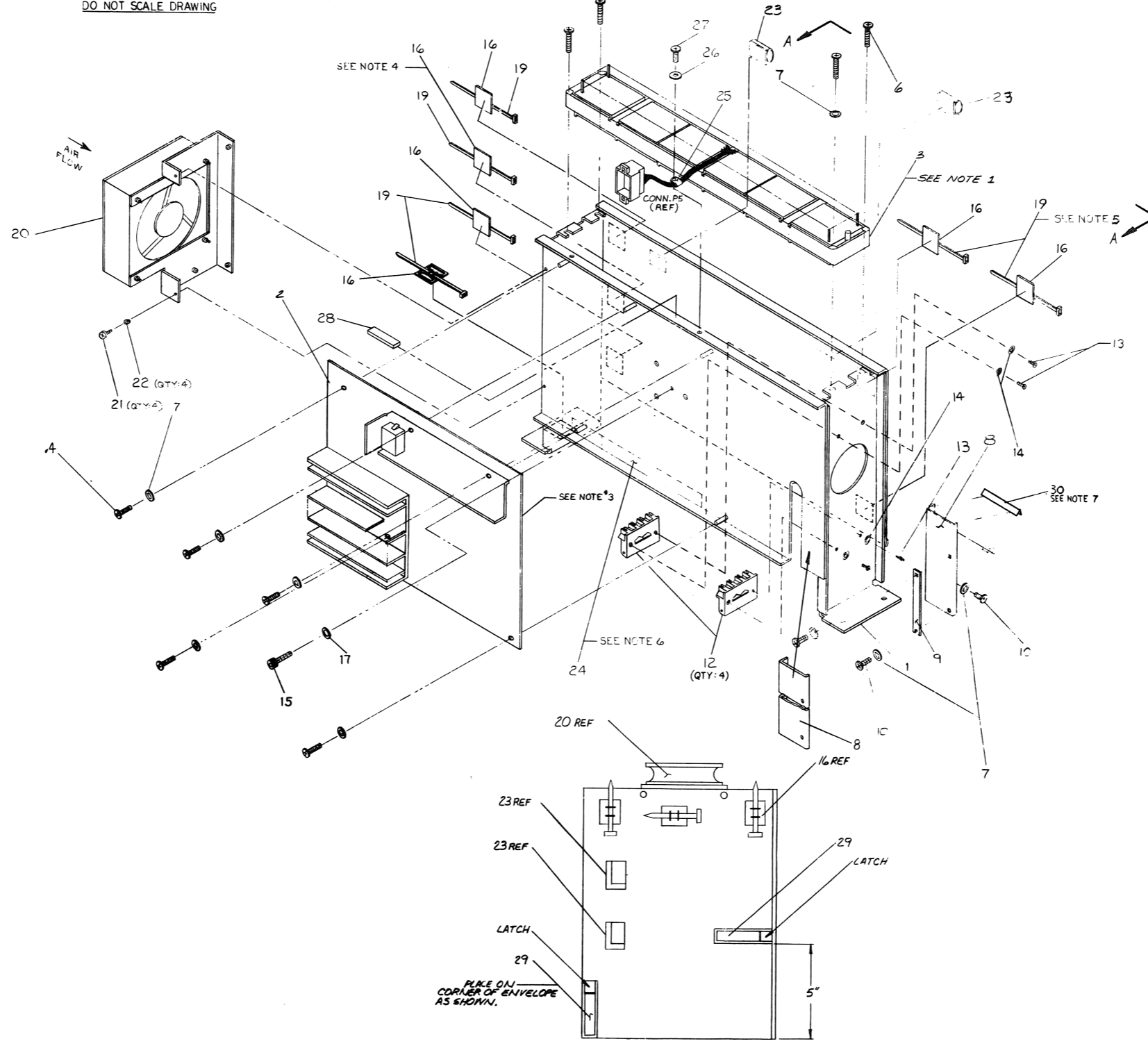
DRM [Signature]	DATE 12/1/76	FIRST USED ON	TU 16W
CHK'D [Signature]	20 SEPT 76	TITLE	TU-16W SWITCH BOX (CTRL1)
ENG. [Signature]	12/1/76	SCALE	NONE
PROJ. ENG. [Signature]	12/1/76	SHEET	1 OF 1
PHOD. [Signature]	12/1/76	SIZE	D
NEXT HIGHER ASSY.	B-DD-5412347-0	CODE	CS
SCALE	NONE	NUMBER	5412347-0-1
SHEET	1 OF 1	DIST.	B

REV. B
 DCS 5412347-0-1

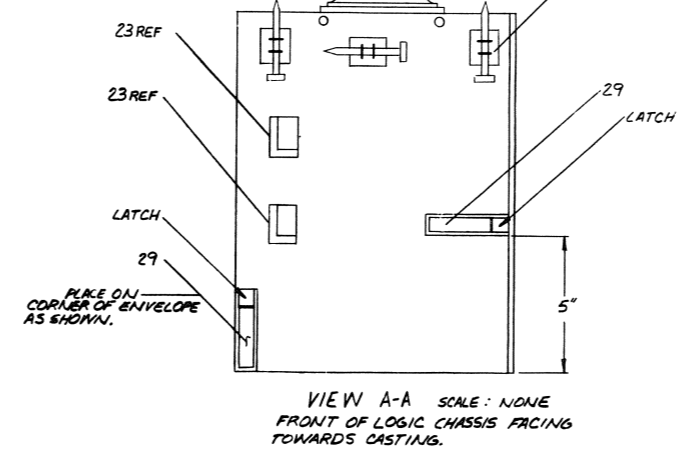
digital

THIS DRAWING AND SPECIFICATIONS, HEREIN ARE THE PROPERTY OF AEGIS EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF AEGIS EQUIPMENT CORPORATION © 1974. AEGIS EQUIPMENT CORPORATION

DO NOT SCALE DRAWING



- NOTES:**
- ITEM 3 TO BE MOUNTED UNDER FLANGES.
 - WHEN INSERTING MODULES INTO LOGIC ASSEMBLY, CARD GUIDES (ITEM 12) WILL BE ADJUSTED BY SLIDING RIGHT OR LEFT SO AS TO PROPERLY ALIGN P.C. CARDS.
 - BEFORE ASSEMBLING ITEMS 1 AND 2, COAT MATING SURFACE OF DJODE HEAT SINK WITH THERMAL COMPOUND.
 - PLACE ADHESIVE BACK MOUNT DIRECTLY IN MIDDLE OF ENVELOPE, FLUSH WITH TOP RIDGE.
 - DELETE THESE TWO MOUNTS ON TU16U DRIVERS.
 - INSTALL ITEM 24 AS SHOWN ALONG EDGE OF FLANGE 01, INSIDE PANEL SURFACE 1.375 IN. FROM TOP PANEL.
 - APPLY ADHESIVE (ITEM 31) TO TOP EDGE OF CABLE CLAMP BRACKET (ITEM 8), THEN AFF. X GROMMET (ITEM 30) TO EDGE.



HY BOND ADHESIVE	9007594	31
GROMMET, BLACK 1.25"	9008209	30
CLIP, FLAT CABLE ADHESIVE BR	1218715-00	24
IND. ELAPSED TIME	1210721	23
SCR. PHL PAN HD 6-32x50LG	9006024-01	22
WASHER FLAT #6	9006656	26
CLAMP, CABLE 3/8 DIA	9007683	25
TAPE, SCOTCH 3/4 WIDE	9008815-A	24
CLIP, PVC HARNESS	9008341	23
WASHER LOCK #4	9006688	27
SCR PAN HD 40x43LG	9006012-1	21
BRACKET, FAN ASSY	D-AH-7012911	20
TIE WRAP	9007032	19
THERMAL COMPOUND	9008866	18
WASHER, SPLIT LOCK #8	9006680	17
MOUNT ADHESIVE BACK	9008264	16
SCREW, SOCKET HD	9008464-8	15
ELECTROSTATIC SHIELD	9006021	10
WASHER, INT TOOTH LOCK #8	9006632	14
SCREW PAN FL PHL	9006010-7	13
GUIDE, CARD & EXTRATER	1210699	12
MOUNT KEYS 6-32	9006021	11
SCREW PAN FL PHL	9006021-1	10
PLATE, PRESSURE	CMD-709977	1
BRACKET, CABLE CLAMP	CIA-711535	8
WASHER, #6 INT LOCK	9006683	7
SCR PHL PAN HD	9006022-1	6
WASHER #8 INCLIN	9006707	5
SCR PHL PAN HD	9006027-1	4
LOGIC CHASSIS ASSEMBLY	D-AH-700130-00	3
PC BOARD ASSEMBLY	D-AH-701224	2
LOGIC CHASSIS	D-A-7009635-00	1

REV	DATE	BY	CHKD	DESCRIPTION
1	11-14-74	W. SMITH	H. DRAB	ISSUE FOR PRODUCTION
2	11-14-74	W. SMITH	H. DRAB	ISSUE FOR PRODUCTION
3	11-14-74	W. SMITH	H. DRAB	ISSUE FOR PRODUCTION
4	11-14-74	W. SMITH	H. DRAB	ISSUE FOR PRODUCTION
5	11-14-74	W. SMITH	H. DRAB	ISSUE FOR PRODUCTION
6	11-14-74	W. SMITH	H. DRAB	ISSUE FOR PRODUCTION
7	11-14-74	W. SMITH	H. DRAB	ISSUE FOR PRODUCTION

IC - SANC-S
REGIMAL
XXX-1-000
SEE PARTS LIST

UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES

EQUIPMENT CORPORATION
LOGIC ASSEMBLY (TU16)

AD 7009635 00

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

**COPYRIGHT © 1974,
DIGITAL EQUIP CORP**

SIZE CODE NUMBER
K WL TUI6-Ø-WL
REV. F 2

REVISIONS		REV.
CHK	CHANGE NO.	
288	TUI6-00010	A
	<i>G. Bowler 5-5-75</i>	
	<i>J. HESS</i>	
	<i>J. R. 5-7-75</i>	
289	TUI6-00013	B
	<i>G. Bowler 7-25-75</i>	
	<i>J. HESS</i>	
	<i>John R. 7-10-75</i>	
288	TUI6-00021	C
	<i>P. Innes 25 JUNE 76</i>	
	<i>H. DRAB</i>	
	<i>H. Drab 6 Jul 76</i>	
289	TUI6-00022	D
	<i>H. Drab 2 Aug 76</i>	
	<i>H. DRAB</i>	
	<i>H. Drab 2 Aug 76</i>	
AK	TUI6-00027	E
K.T.	TUI6-00030	F
B. Chipson	3 MAR. 77	
	<i>H. DRAB</i>	
	<i>H. Drab 8-9-77</i>	

FIRST USED ON OPTION MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
TUI6				
PARTS LIST				
DRN.	<i>D. Schmitt</i>	DATE	2/20/74	
CHK'D.	<i>D. Schmitt</i>	DATE	2/24/74	
ENG.	<i>J. H. Hess</i>	DATE	2-27-74	
PROG. ENG.	<i>J. H. Hess</i>	DATE	2-27-74	
PROD.	<i>D. Schmitt</i>	DATE	5-31-74	
NEXT HIGHER ASSEMBLY				
D-AD-7009605-0-0				
SCALE	<i>1/1</i>	SIZE CODE	K WL	NUMBER
SHEET	1 OF 1		TUI6-Ø-WL	REV. F

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

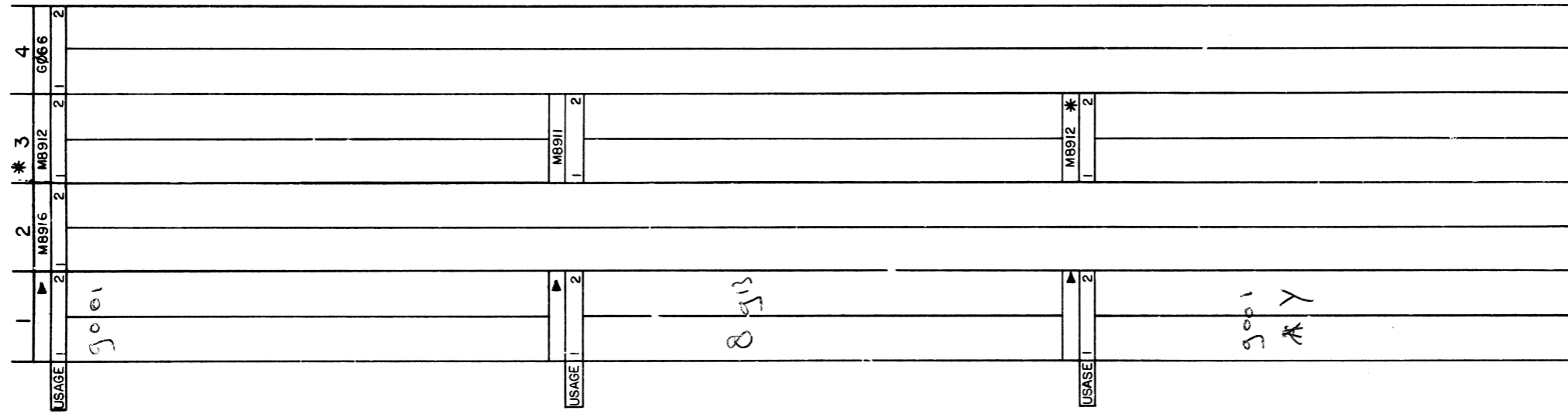
TITLE
**WIRE LIST
(TUI6)**

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1977, DIGITAL EQUIPMENT CORPORATION

NOTES:

- USE CABLE SLOTS AS FOLLOWS

	END-OF-BUS	MIDDLE-OF-BUS
A,B	M9001YB	M9001
C,D	M8913YA	M8913
E,F	M9001YC	M9001-YA
- M8912 CAN BE USED AS A TEST FUNCTION GENERATOR IN SLOT 3 A/B. IT DRIVES SERIAL NO. AND DRIVE TYPE LINES IN SLOT 3 E/F. THE TUI6 CAN NOT OPERATE ON-LINE WITH M8912 IN SLOT 3 A/B.
- ELECTROSTATIC SHIELD IS POSITIONED BETWEEN THE G066 MODULE AND THE M8911/M8912 MODULES.

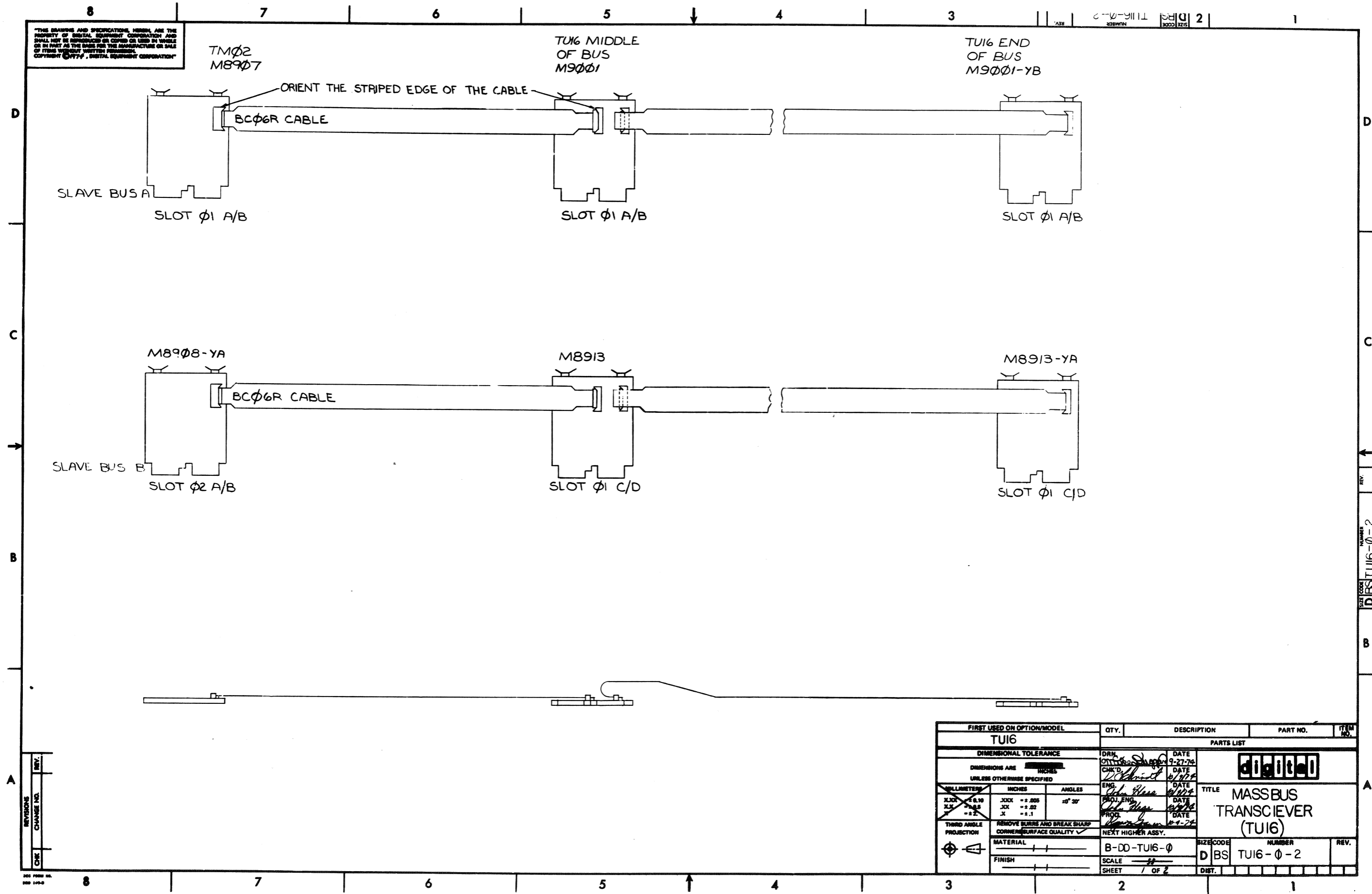


▲ SEE NOTE #1
* SEE NOTE #2

REV.	CHANGE NO.	DATE

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.	
TE16						
DIMENSIONAL TOLERANCE		PARTS LIST				
DIMENSIONS ARE MILLIMETERS INCHES UNLESS OTHERWISE SPECIFIED		DRN.	DATE			
		CHKD	DATE			
		ENG.	DATE			
		PROJ. ENG.	DATE			
		PROD.	DATE	TITLE		
		RC (S.D.) 12/22/77			MODULE UTILIZATION	
THIRD ANGLE PROJECTION		REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		NEXT HIGHER ASSY.		
MATERIAL		D-UA-TE16-0-0		SIZE CODE NUMBER REV.		
FINISH		SCALE		D MU TE16-0-MU		
		SHEET OF		DIST.		

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION.
 COPYRIGHT © 1977, DIGITAL EQUIPMENT CORPORATION



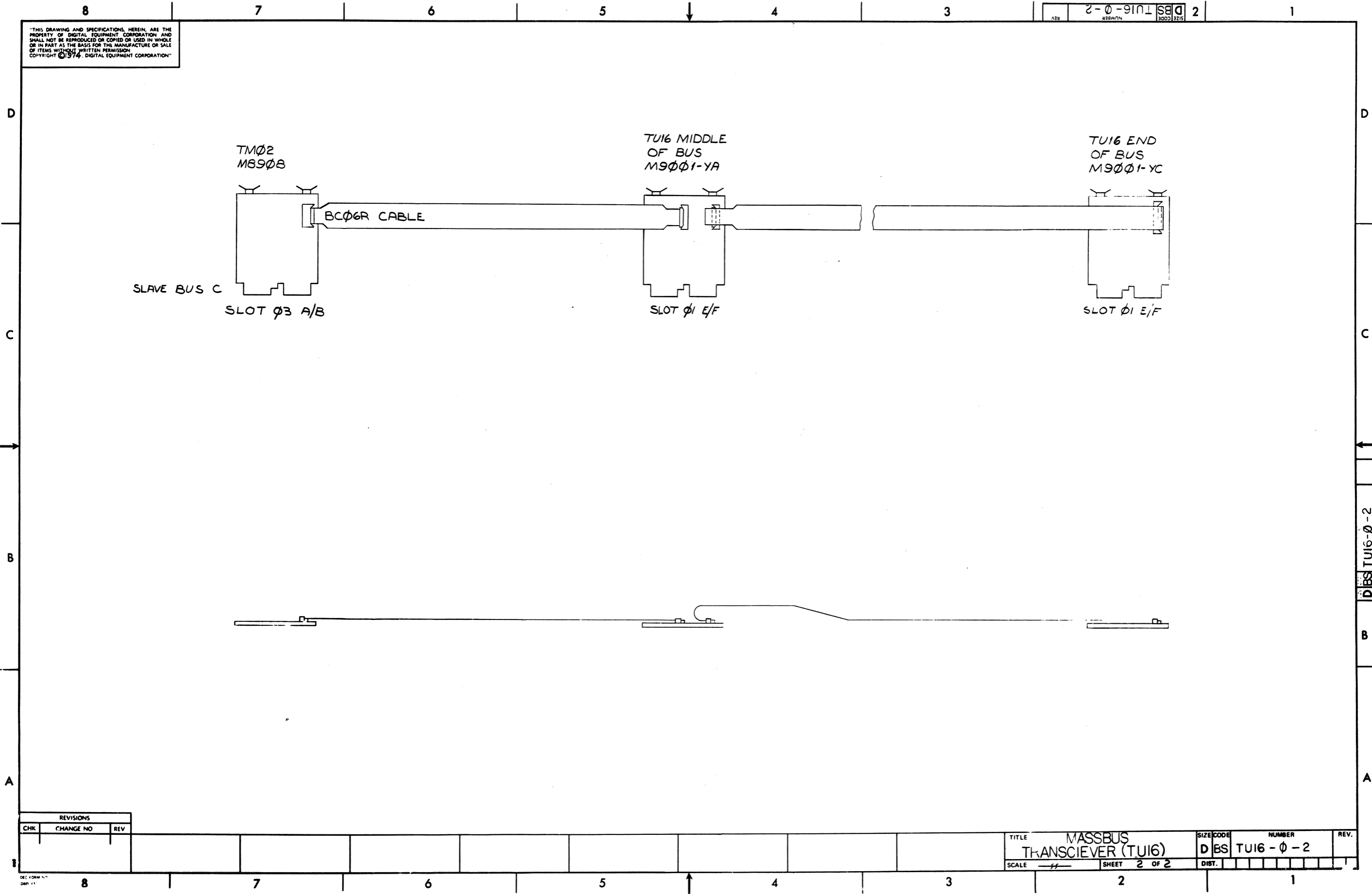
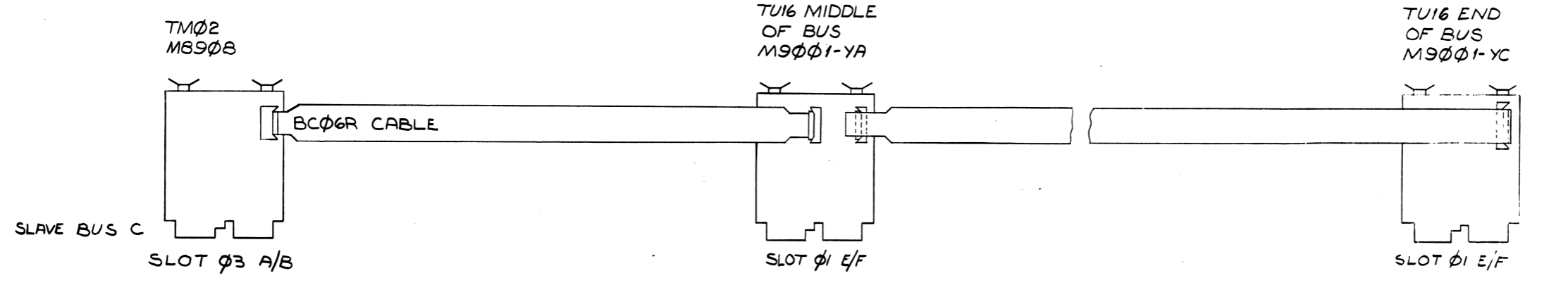
REV. 1
 CHANGE NO.
 CHECK

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
TU16					
DIMENSIONAL TOLERANCE		PARTS LIST			
DIMENSIONS ARE UNLESS OTHERWISE SPECIFIED		DRN	DATE		
MILLIMETER		CHK'D	DATE		
±0.10	±0.005	ENG.	DATE		
±0.05	±0.02	PROJ. ENG.	DATE		
±0.2	±0.1	PROD.	DATE	TITLE	
				MASSBUS	
				TRANSCIEVER	
				(TU16)	
THIRD ANGLE PROJECTION	REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	NEXT HIGHER ASSY.		SIZE CODE	NUMBER
				D BS	TU16-φ-2
MATERIAL		B-DD-TU16-φ		DIST.	
FINISH		SCALE			
		SHEET 1 OF 2			

REV. 1
 NUMBER
 D BS TU16-φ-2

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1974, DIGITAL EQUIPMENT CORPORATION"

SIZE CODE NUMBER
DBS TUI6-0-2 2



REVISIONS		
CHK	CHANGE NO	REV

TITLE	MASSBUS TRANSCIEVER (TUI6)	SIZE CODE	DBS	NUMBER	TUI6-0-2	REV.	
SCALE		SHEET	2 OF 2	DIST.			

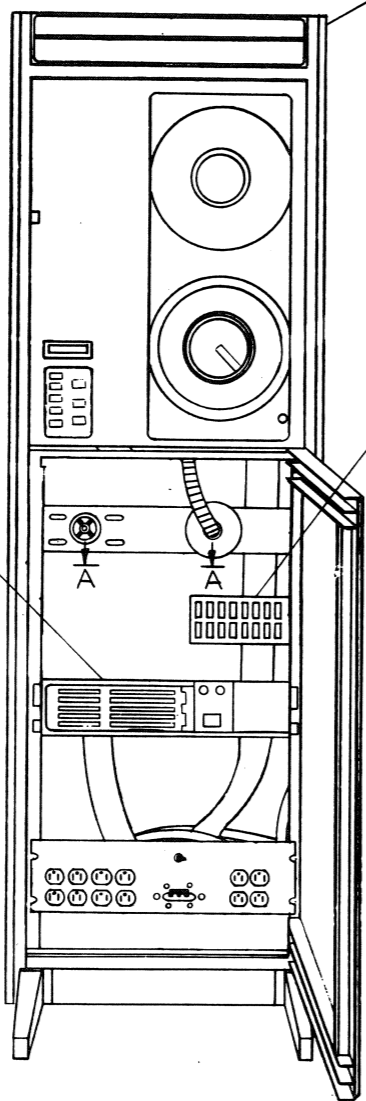
DBS TUI6-0-2

THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF THIS EQUIPMENT WITHOUT PERMISSION. COPYRIGHT © 1977, DIGITAL EQUIPMENT CORPORATION.

0-0-9131 M10 2

NUMBER	VARIATION		VOLTAGE
	DESCRIPTION		
TE16-EA	TE16-EE	TM02-FA	115V, 60HZ
TE16-EB	TE16-EF	TM02-FB	230V, 60HZ
TE16-EC	TE16-EH	TM02-FA	115V, 50HZ
TE16-ED	TE16-EJ	TM02-FB	230V, 50HZ
TE16-EK	TE16-EE	TM02-FC	115V, 60HZ
TE16-EL	TE16-EF	TM02-FD	230V, 60HZ
TE16-EM	TE16-EH	TM02-FC	115V, 50HZ
TE16-EN	TE16-EJ	TM02-FD	230V, 50HZ
TE16-AA	TE16-AE	TM02-FA	115V, 60HZ
TE16-AB	TE16-AF	TM02-FB	230V, 60HZ
TE16-AC	TE16-AH	TM02-FA	115V, 50HZ
TE16-AD	TE16-AJ	TM02-FB	230V, 50HZ

- NOTES:**
1. INFORMATION FOR CONNECTING THE CABLES TO THE TAPE TRANSPORT - REFER TO D-MU-TU16-0-MU.
 2. USE BLACK TUBING (ITEM #20) TO COVER 36.00 GND STRAP. USE TWO TIE WRAPS (ITEM #19) TO SECURE TUBING TO STRAP.
 3. GND STRAP, JUMPER FROM TM02 LOGIC BOX TO BE CONNECTED TO PWR SUPPLY TRANS-CAP ASSY.
 4. FOR MTG INFO SEE SHT 4.



FRONT VIEW

REV.	CHANGE NO.	BY	DATE
A		H. DRAB	11/10/77

OFF SHEET PARTS LIST REFER TO: PL-TE16-0-0

DESCRIPTION	DWG./PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
ANGLES	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES
10° 30'	(CHECK ONE)	OVER 0 TO 12
SURFACE QUALITY	MEDIUM	OVER 12 TO 40.0
IN	PREFERRED	OVER 40.0 TO 80.0
MICROINCHES		±.004 ±.008 ±.012 ±.016 ±.025 ±.04 ±.062 ±.1

THIRD ANGLE PROJECTION

REMOVE BURRS AND BREAK SHARP CORNERS

DO NOT SCALE DWG

QUANTITY & VARIATION

DRN. [Signature]

CHK'D [Signature]

ENG. [Signature]

PROJ. ENG. [Signature]

PROD. [Signature]

FIRST USED ON: TE16

TITLE: MAG TAPE DRIVE (TE16)

MATERIAL: B-DD-TE16-0

SCALE: 1/4" = 1"

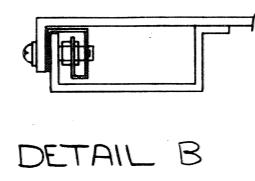
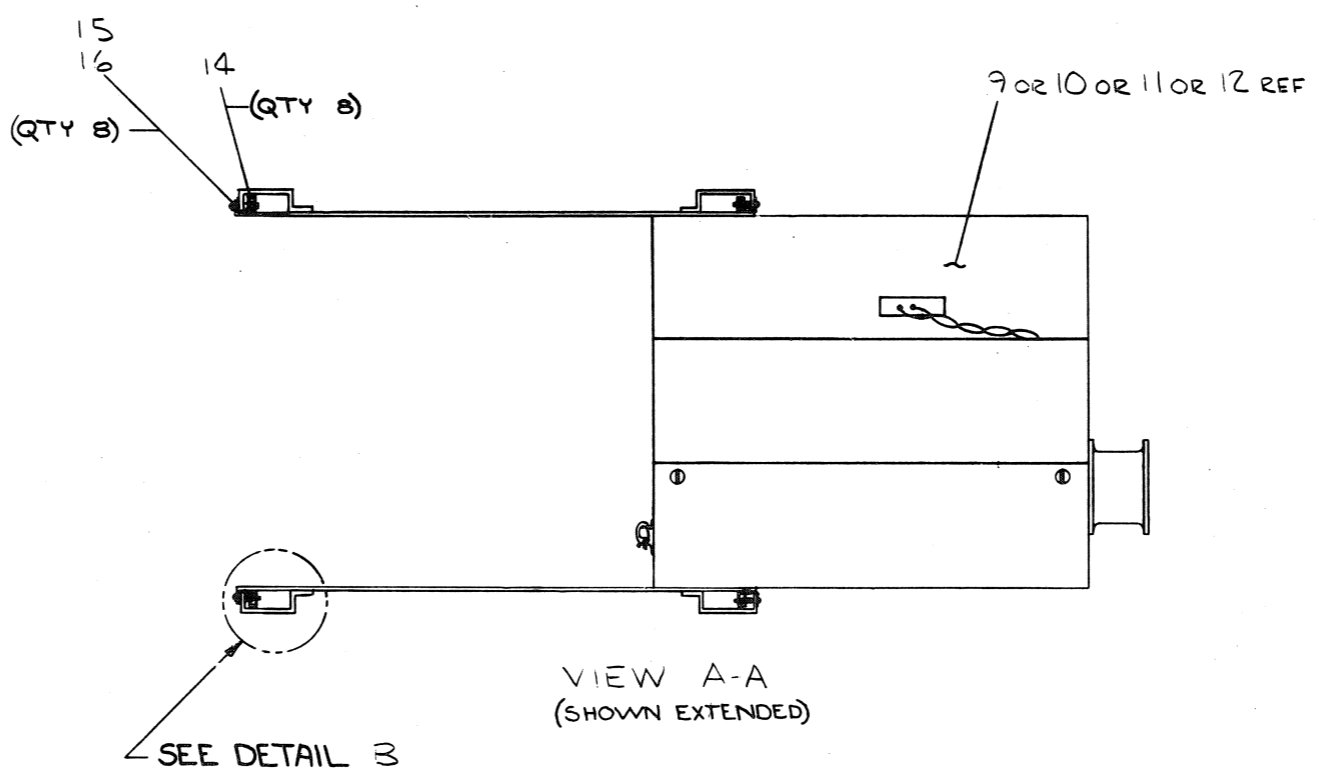
SHEET 1 OF 2

SIZE CODE: UA

NUMBER: TE16-0-0

REV.:

"THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1977, DIGITAL EQUIPMENT CORPORATION"

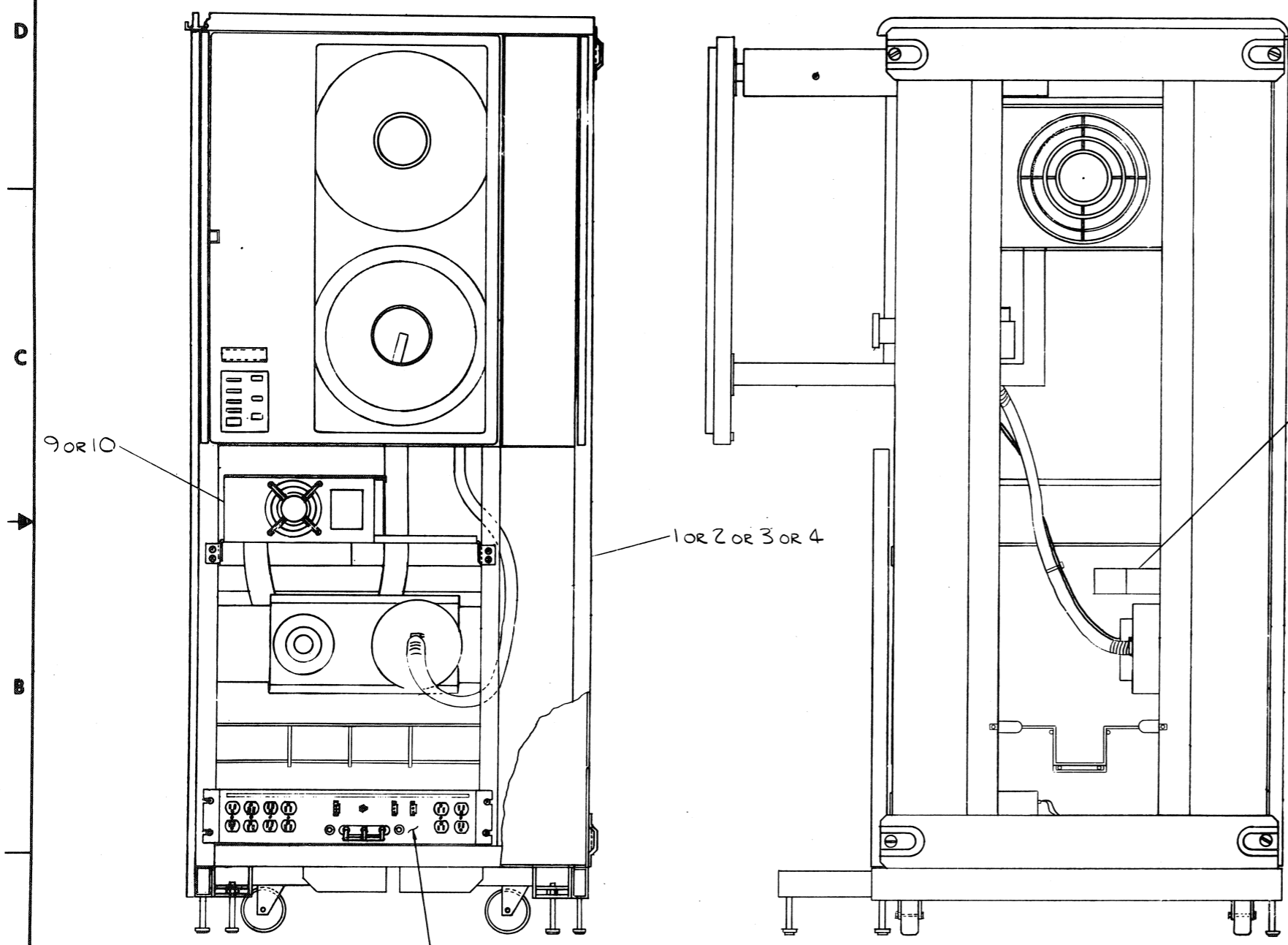


REVISIONS		
CHK	CHANGE NO.	REV.

0-0-9131M 2

NOTES:
 1. FOR INFORMATION ON SLAVE UNITS TE16-AE, TE16-AF, TE16-AH & TE16-AJ SEE D-UA-TE16-A-0 AND C-PL-TE16-A-0.

"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1977, DIGITAL EQUIPMENT CORPORATION"



LOCATION OF TINNEMAN NUTS (ITEM #14)

LOCATE ALL NUTS BY COUNTING HOLES UP FROM BOTTOM OF CABINET UPRIGHT

FRONT HOLE NUMBERS		REAR HOLE NUMBERS	
RIGHT SIDE:	31, 32*	RIGHT SIDE:	25*
LEFT SIDE:	31, 32*	LEFT SIDE:	25*

* USED WHEN INSTALLING TMØ2 AND H74Ø-DA (REF ONLY)

CAUTION
 THIS SHEET IS FOR THE TE16 IN THE H95Ø SERIES CAB

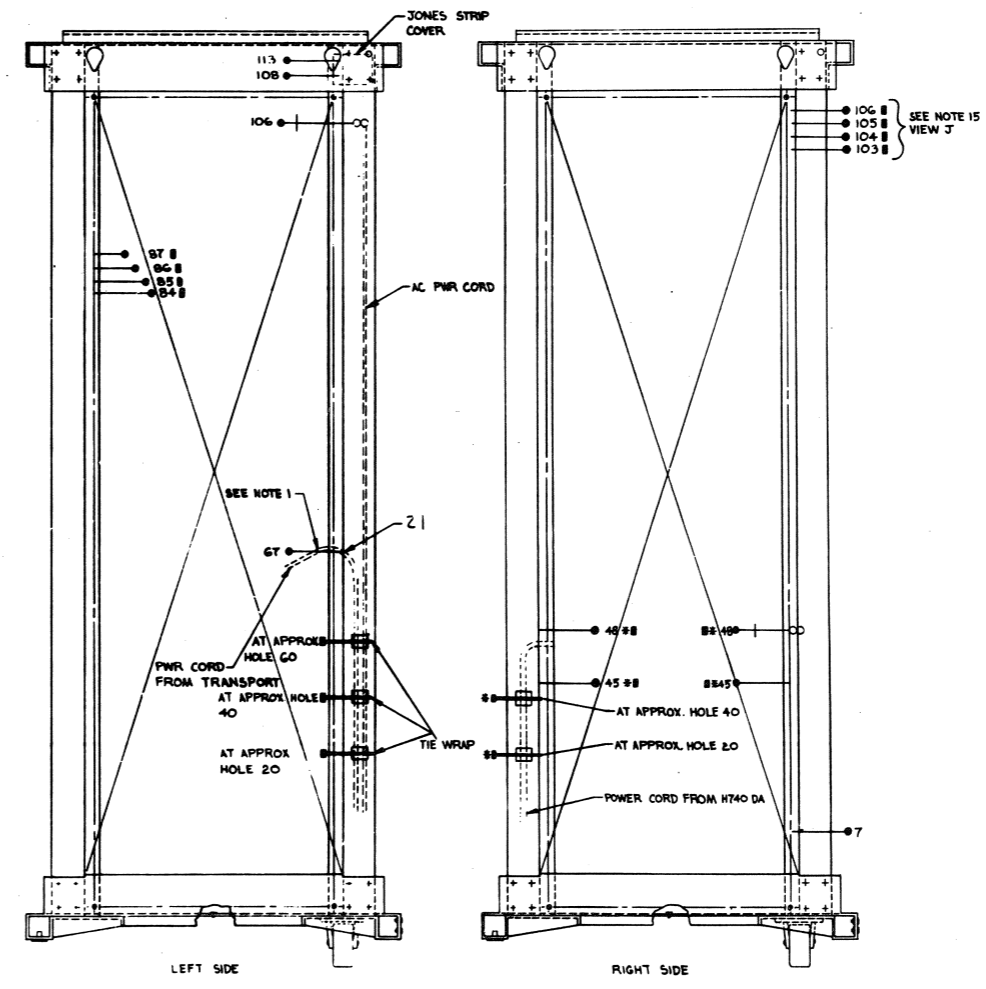
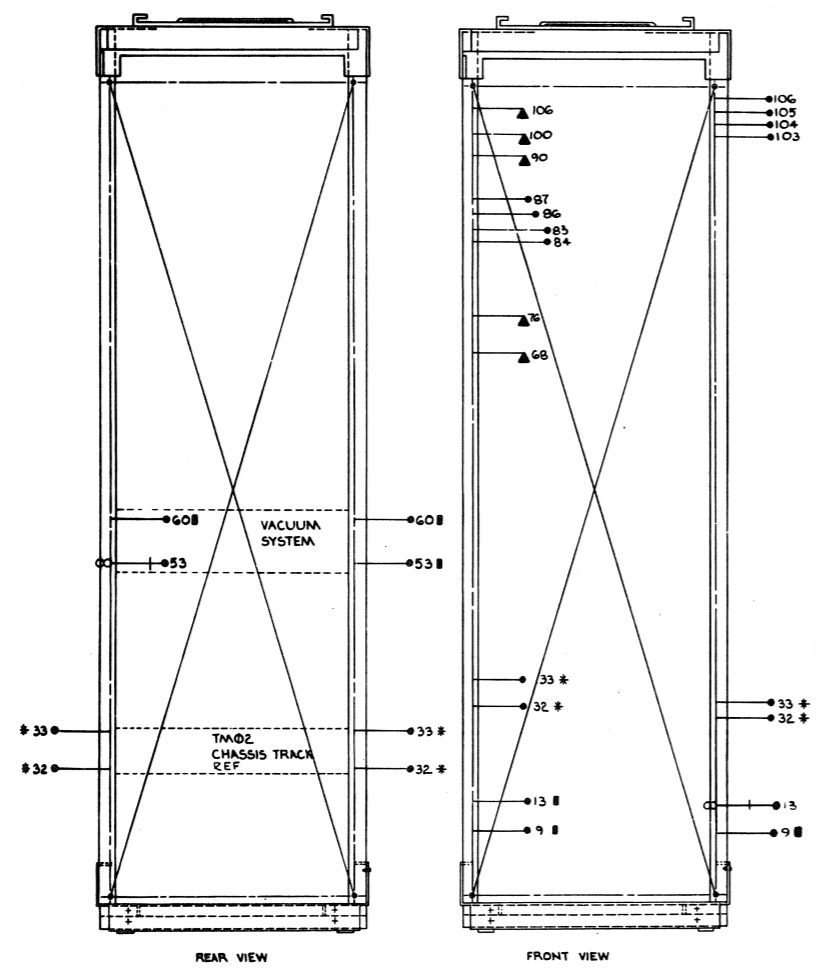
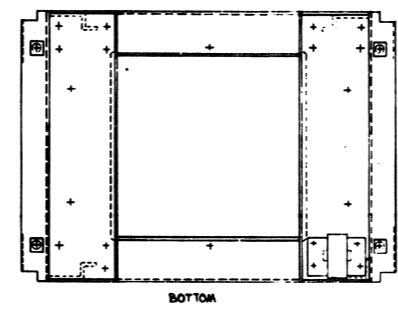
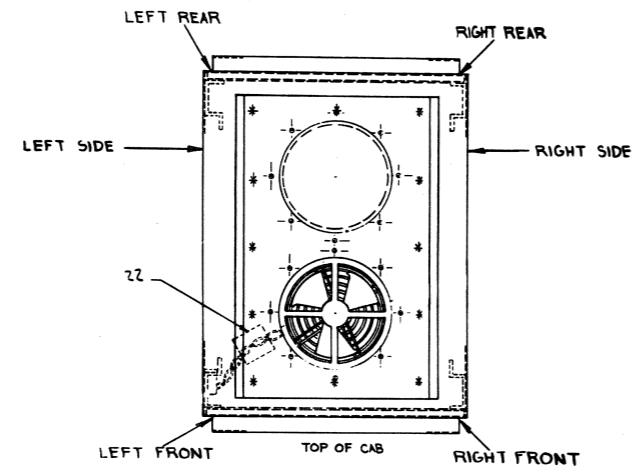
REV.	
CHG	
CHK	
DES FROM NO.	DWG 100-C

DESCRIPTION	DWG./PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
ANGLES Ø 2°	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES
SURFACE QUALITY IN	(CHECK ONE)	OVER 0 TO 0.25
QUANTITY & VARIATION	MEDIUM	0.25 TO 1.25
THIRD ANGLE PROJECTION	PREFERRED	1.25 TO 12.5
REMOVE BURRS AND BREAK SHARP CORNERS	PRECISION	12.5 TO 40.0
DO NOT SCALE DWG	EXTREMELY PRECISION	40.0 TO 80.0
MATERIAL	Ø 0.012	Ø 0.016
FINISH	Ø 0.025	Ø 0.04
	Ø 0.083	Ø 0.1
DRAWN	CHK'D	ENG
PROJ. ENG	PROD. F.	
NEXT HIGHER ASSY.		
SHEET 3 OF 4		
FIRST USED ON		REV. A
TITLE		
MAG TAPE DRIVE (TE16)		
SIZE CODE	NUMBER	REV.
D UA	TE16-0-0	A

HARDWARE AID PRINT

THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1977, DIGITAL EQUIPMENT CORPORATION

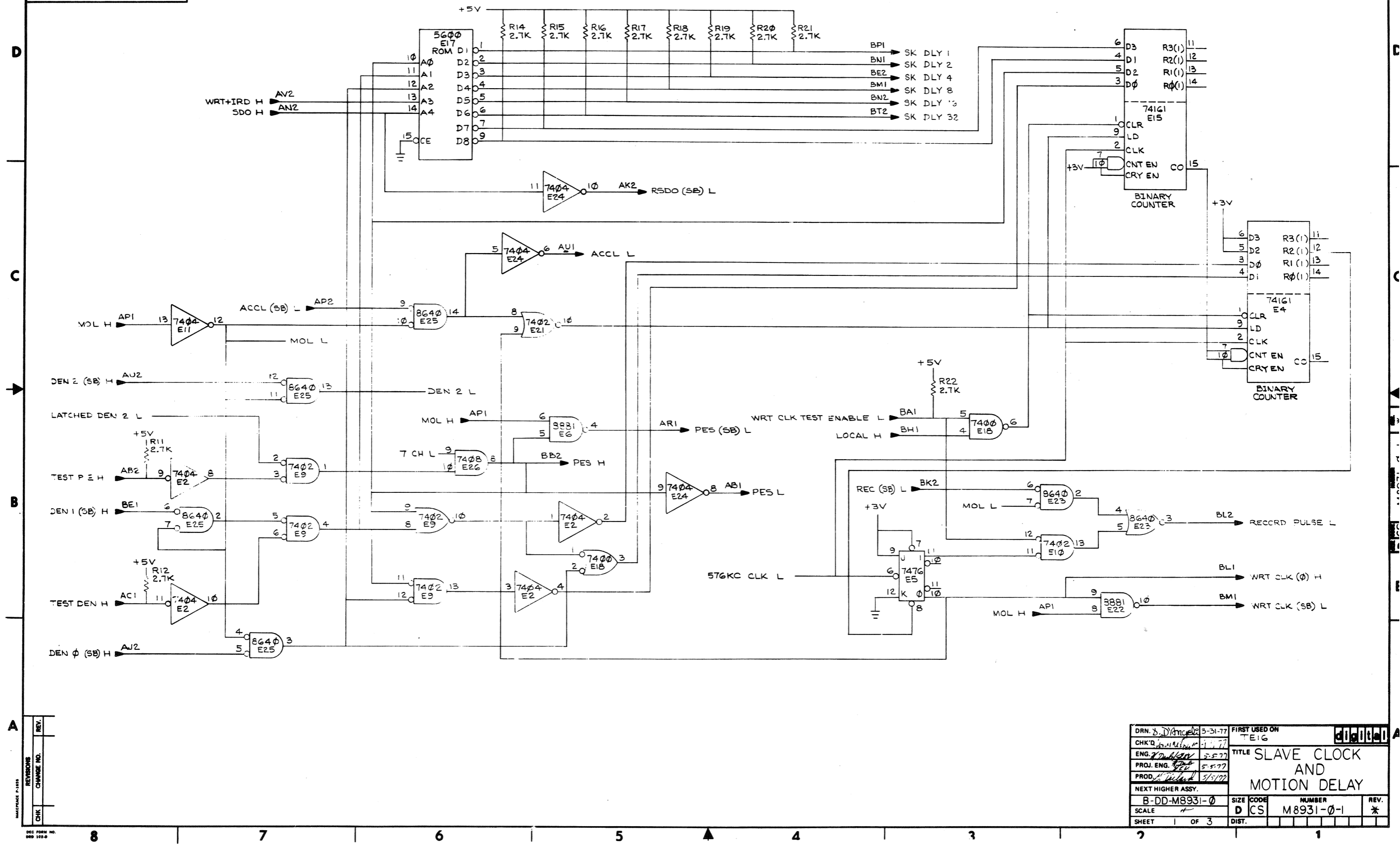
- NOTES:
1. USE .375 CLAMP (ITEM #21) FOR POWER CORD. FROM TRANSPORT USE FLAT WASHER.
 2. USE .625 CLAMP FOR BGI POWER CORD, USE FLAT WASHER.
- THIS SIGN INDICATES WHERE TINNEMAN CLIP SHOULD BE COUNTING FROM BOTTOM OF CAB
- INDICATES USE OF SCREW & KEP-NUT FOR GROUNDING PURPOSES
- INDICATES CABLE TIE MOUNT 9078GT FOR TIE WRAP
- * THIS SIGN INDICATES USED ONLY WHEN INSTALLING A TM02
- USE FLAT WASHER #10
- USE KEP-NUT #10 32



REVISIONS		
CHK	CHANCE NO	REV.

TITLE	SIZE CODE	NUMBER	REV.
MAG TAPE DRIVE (TE16)	DUA	TE16-0-0	
SCALE	SHEET	DIST.	
	4 OF 4		

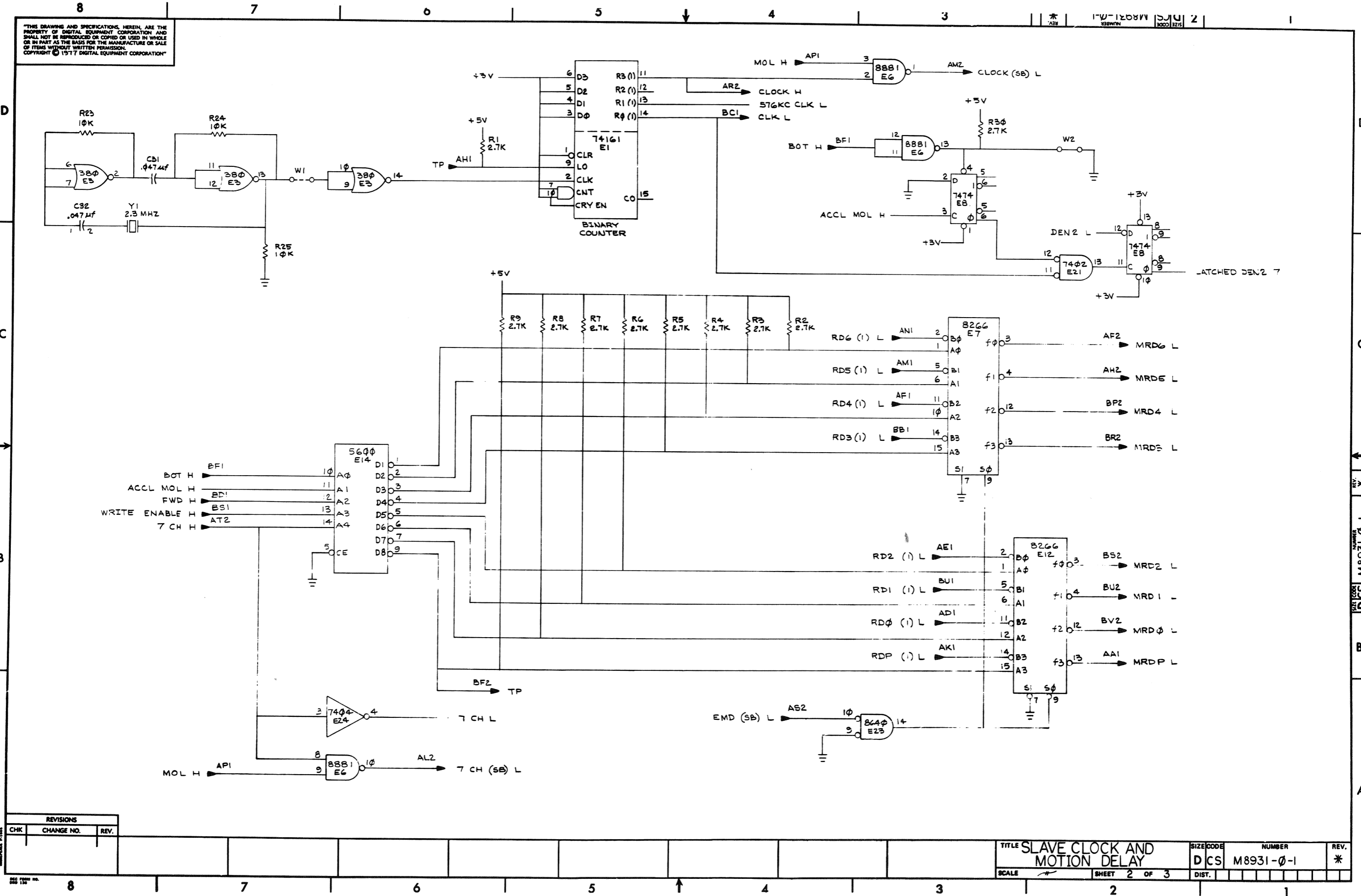
THE DESIGN AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF TEXAS INSTRUMENTS CORPORATION AND SHALL BE KEPT IN CONFIDENTIALITY TO THE EXTENT PERMITTED BY LAW. AS THE RESULT OF THE PRODUCTION OR SALE OF THIS PRODUCT, THE INFORMATION CONTAINED HEREIN IS NOT TO BE RELEASED TO THE PUBLIC OR TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF TEXAS INSTRUMENTS CORPORATION.



REV.	
CHANGE NO.	
CHK	

DRN. <i>S. D'Amico</i>	3-31-77	FIRST USED ON	TEIG
CHK'D <i>W. Miller</i>	5-5-77	TITLE	SLAVE CLOCK AND MOTION DELAY
ENG. <i>W. Miller</i>	5-5-77	SCALE	D CS
PROJ. ENG. <i>W. Miller</i>	5-5-77	NUMBER	M8931-0-1
PROD. <i>W. Miller</i>	5/5/77	REV.	*
NEXT HIGHER ASSY.		SIZE	CODE
B-DD-M8931-0		DIST.	
SHEET 1 OF 3			

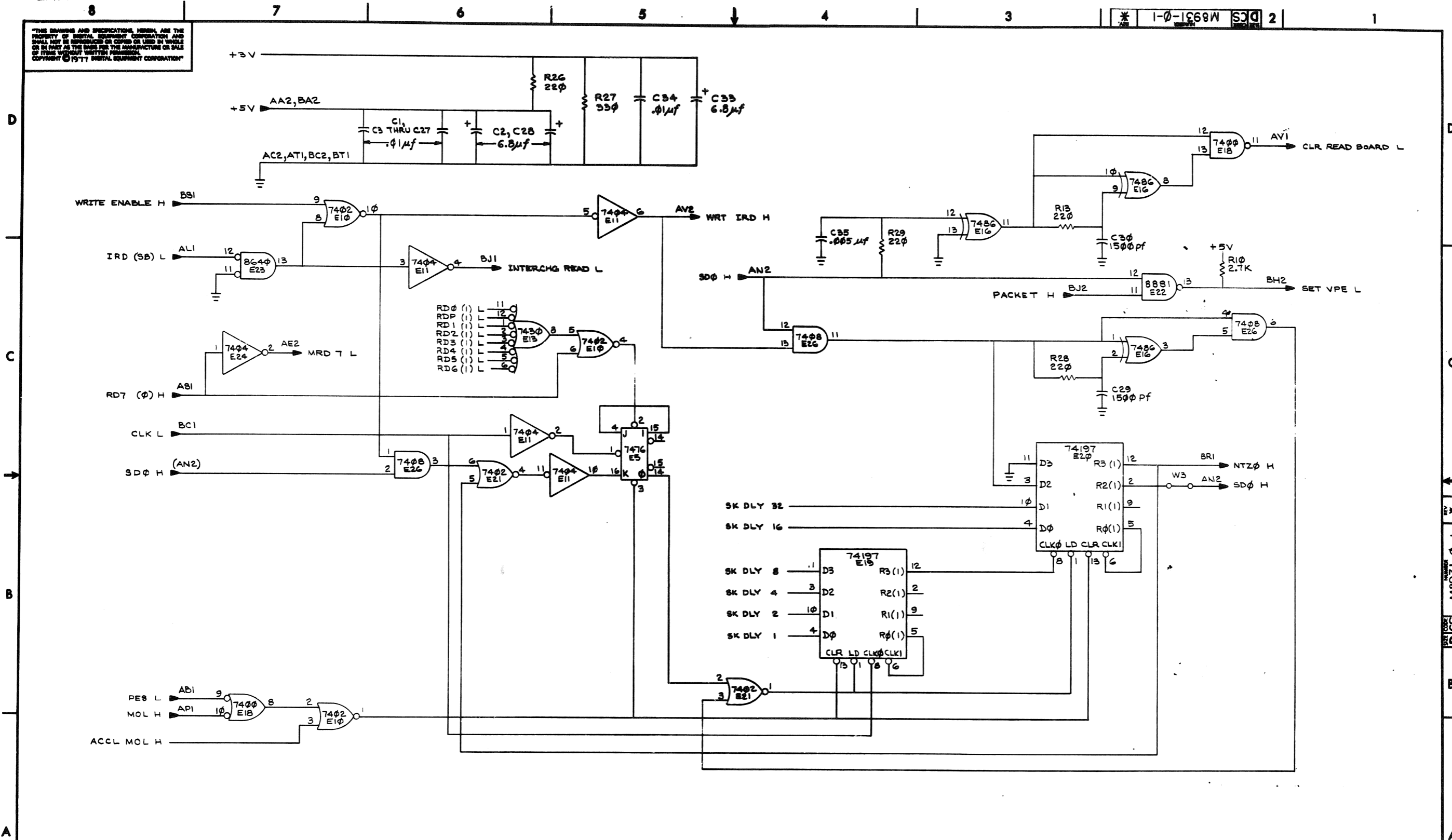
"THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1977 DIGITAL EQUIPMENT CORPORATION"



REVISIONS		
CHK	CHANGE NO.	REV.

TITLE SLAVE CLOCK AND MOTION DELAY
 SCALE SHEET 2 OF 3
 SIZE CODE DCS
 NUMBER M8931-0-1
 REV. *

"THE DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION OF DIGITAL EQUIPMENT CORPORATION."
 COPYRIGHT © 1977 DIGITAL EQUIPMENT CORPORATION



REVISIONS		
CHK	CHANGE NO.	REV.