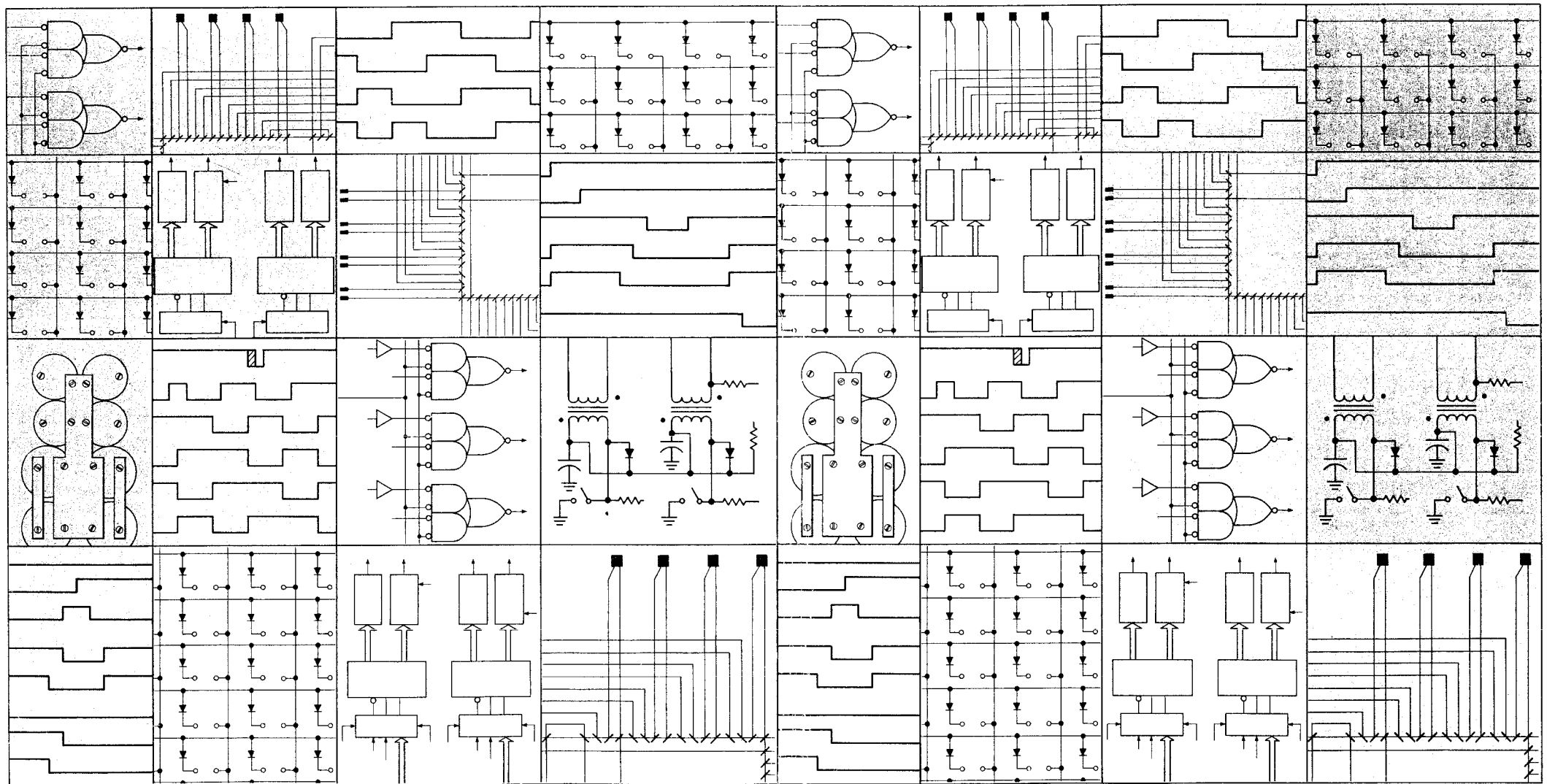


pdp8/e
pdp8/f & pdp8/m



digital

**RK8-E disk
cartridge control
engineering drawings**

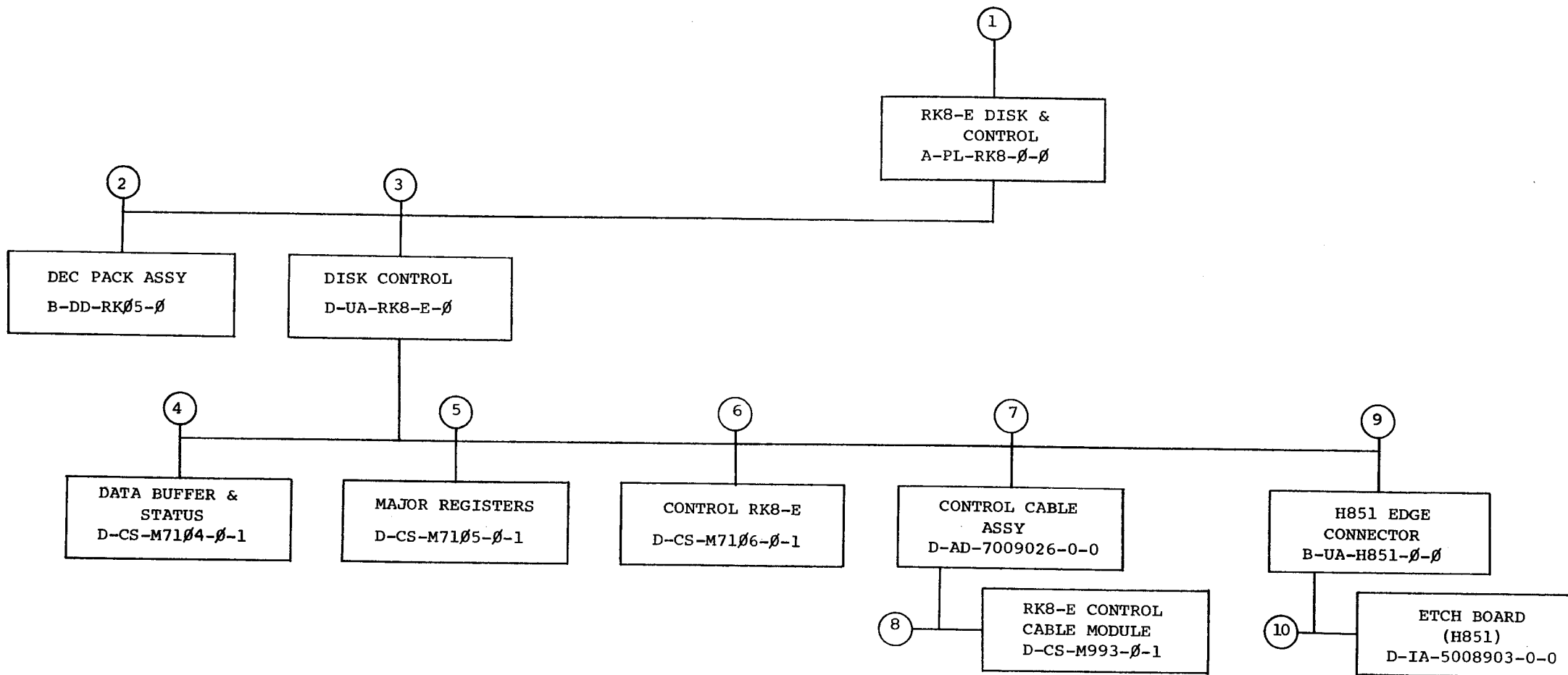
THIS IS PRINT SET

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SEQUENCE

[illegible]

DRB 106
DEC 16-(325)-1062-1A-R972



TITLE	SHEET 2 OF 3	SIZE	CODE	NUMBER	REV
RK8-E DISK & CONTROL		B	DD	RK8-Ø	

CUSTOMER PRINT SET				MECHANICAL/ELECTRICAL					CUSTOMER PRINT SET				MECHANICAL/ELECTRICAL									
				MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE					MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE	
x					1	A-PL-RK8- $\emptyset$ - $\emptyset$		1	RK8-E DISK & CONTROL		x					7	D-AD-7009026-0-0		2	CONTROL CABLE ASSY,		
X					2	B-DD-RK $\emptyset$ 5- $\emptyset$	B	5	DEC PACK ASSY		x					8	D-CS-M993- $\emptyset$ -1	*	2	RK8-E CONTROL CABLE MODULE		
																	K-CO-M993- $\emptyset$ -4		1	X-Y COORDINATE HOLE LOCATION		
																	D-AH-M993- $\emptyset$ -5		1	ASSY/DRILLING HOLE LAYOUT		
																	B-MH-M993- $\emptyset$ -6		1	MODULE ECO HISTORY		
x					3	D-UA-RK8-E- $\emptyset$		1	DISK CONTROL													
x						D-FD-RK8-E-1		4	FLOW DIAGRAM RK8-E													
x						D-TD-RK8-E-2		1	MAJOR STATES & TIMING FLOW													
x						A-AL-RK8-E-3		1	ACCESSORY SHIPPING LIST													
						A-SP-RK8-E-4		3	MODULE TEST & ACCEPTANCE FOR RK8-E		x					9	B-UA-H851- $\emptyset$ - $\emptyset$	A	1	H851 EDGE CONNECTOR		
						A-SP-RK8-E-5		39	RK8E DISK CONTROL								A-PL-H851- $\emptyset$ - $\emptyset$	A	1	H851 EDGE CONNECTOR		
x						A-SP-RK8-E-6		5	FIELD INSTALL & ACCEPT. PROC.								B-CS-H851- $\emptyset$ -1	A		EDGE CONNECTOR H851		
						A-SP-RK8-E-7		5	IN-HOUSE ACCEPT. PROC.								C-AH-H851- $\emptyset$ -5	A	1	ASSY/DRILLING HOLE LAYOUT		
																	B-MH-H851- $\emptyset$ -6		1	MODULE ECO HISTORY		
x					4	D-CS-M71 $\emptyset$ 4- $\emptyset$ -1	A	7	DATA BUFFER & STATUS													
						K-CO-M71 $\emptyset$ 4- $\emptyset$ -4		1	X-Y COORDINATE HOLE LOCATION													
						D-AH-M71 $\emptyset$ 4- $\emptyset$ -5		1	ASSY/DRILLING HOLE LAYOUT								10	D-IA-5008903-0-0	A	1	ETCH BOARD (H851)	
						B-MH-M71 $\emptyset$ 4- $\emptyset$ -6		1	MODULE ECO HISTORY									C-AH-5008903-0-5		1	ASSY/DRILLING HOLE LOCATION	
x					5	D-CS-M71 $\emptyset$ 5- $\emptyset$ -1	A	5	MAJOR REGISTERS													
						K-CO-M71 $\emptyset$ 5- $\emptyset$ -4		1	X-Y COORDINATE HOLE LOCATION													
						D-AH-M71 $\emptyset$ 5- $\emptyset$ -5		1	ASSY DRILLING HOLE LAYOUT													
						B-MH-M71 $\emptyset$ 5- $\emptyset$ -6		1	MODULE ECO HISTORY													
x					6	D-CS-M71 $\emptyset$ 6- $\emptyset$ -1	A	6	CONTROL RK8-E													
						K-CO-M71 $\emptyset$ 6- $\emptyset$ -4		1	X-Y COORDINATE HOLE LOCATION													
						D-AH-M71 $\emptyset$ 6- $\emptyset$ -5		1	ASSY/DRILLING HOLE LAYOUT													
						B-MH-M71 $\emptyset$ 6- $\emptyset$ -6		1	MODULE ECO HISTORY													

CUSTOMER PRINT SET CODES	X = PRINT OF DOCUMENT INCLUDED IN PRINT SET C = INCLUDES ALL PRINTS INDICATED ON DOCUMENT S = CONFIDENTIAL AUTHORIZED SIGNATURE REQUIRED	TITLE	RK8-E DISK & CONTROL	SHEET 3 OF 3	SIZE	CODE	B DD	NUMBER	RK8- $\emptyset$	REV
--------------------------	--	-------	----------------------	--------------	------	------	------	--------	------------------	-----

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DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

DATE 10-12-72

TITLE RK8E FIELD INSTALLATION AND ACCEPTANCE PROCEDURE

REVISIONS

REV	DESCRIPTION	CHG NO	ORIG	DATE	APPD BY	DATE

ENG	<i>[Signature]</i>	10-12-72	APPD	<i>[Signature]</i>	10/12/72	SIZE	CODE	NUMBER	REV
						A	SP	RK8-E-6	

DEC FORM NO.
DRA 107A

SHEET 1 OF 5

ENGINEERING SPECIFICATION

0191101

CONTINUATION SHEET

TITLE RK8E FIELD INSTALLATION AND ACCEPTANCE PROCEDURE

- 1.0 SHIPPING HARDWARE
 - 1.1 RK8E Control
 - 1.1.1 M7104
 - 1.1.2 M7105
 - 1.1.3 M7106
 - 1.2 RK05 Disk Drive (Maximum of 4 drives per control)
 - 1.2.1 95 to 130VAC @ 60 $\pm$ 0.5 Hz - RK05-AA
 - 1.2.2 190 to 260VAC @ 60 $\pm$ 0.5 Hz - RK05-AB
 - 1.2.3 95 to 130 VAC @ 50 $\pm$ 0.5 Hz - RK05-BA
 - 1.2.4 190 to 260 VAC @ 50 $\pm$ 0.5 Hz - RK05-BB
 - 1.3 Interface Cables and Terminator
 - 1.3.1 Interface cable between RK8E control and RK05 - 7009026
 - 1.3.2 Interface cable from one RK05 to another. BC11A
 - 1.3.3 Terminator Module (last RK05)
M930
 - 1.4 (1)Disk Cartridge, HD16 Sector, 30-10350-02.
- 2.0 SHIPPING SOFTWARE
 - 2.1 RK8E Diskless Control Test
 - Maindec-08-DHRKA-A-PB
 - Maindec-08-DHRKA-A-D
 - 2.2 RK8E Drive Control Test
 - Maindec-08-DHRKB-A-PB
 - Maindec-08-DHRKB-A-D
 - 2.3 RK8E Formatter Program
 - Maindec-08-DHRKD-A-PB
 - Maindec-08-DHRKD-A-D
 - 2.4 RK8E Data Reliability Program
 - Maindec-08-DHRKC-A-PB
 - Maindec-08-DHRKC-A-D

DEC FORM NO 16-1022
DRA 108

SIZE	CODE	NUMBER	REV
A	SP	RK8-E-6	

SHEET 2 OF 5

ENGINEERING SPECIFICATION

CONTINUATION SHEET

TITLE RK8E FIELD INSTALLATION AND ACCEPTANCE PROCEDURE

3.0 UNPACKING AND INSTALLATION

- 3.1 Unpack and inspect RK05 using the procedure in the RK05 Disk Drive Maintenance Manual, Chapter 2.
- 3.2 Using the Shipping Hardware and Software lists, verify that all items are present.
- 3.3 Insure power on the PDP-8E, 8M, 8F is turned off.
- 3.4 Check the M7104 to insure that the device code jumpers are in the correct configuration (normally 674X), refer to Table 1.

NOTE: The diagnostic programs normally recongnizes Program Device Code 674X. If it desired to operate with a different code, refer to the Diagnostic Document's Section headed "Change Program Device Codes".

TABLE 1

<u>Octal Code</u>	<u>Jumpers Installed</u>
674X	W2 W4 W6
675X	W2 W3 W4
676X	W1 W2 W6
677X	W1 W2 W3

- 3.5 Check M7105 module to insure that the priority jumpers are in the correct configuration, refer to Table 2.

SIZE	CODE	NUMBER	REV
A	SP	RK8-E-6	

SHEET 3 OF 5

ENGINEERING SPECIFICATION

CONTINUATION SHEET

TITLE RK8E FIELD INSTALLATION AND ACCEPTANCE PROCEDURE

3.0 UNPACKING AND INSTALLATION (continued)

TABLE 2

<u>Break Priority</u>	<u>Jumpers Installed</u>
Ø	W1 W4
1*	W2 W3 W5

*Normally shipped with priority 1 jumpers installed.

- 3.6 Connect the 7009026 cable to the Berg connector on the M7106 module.
- 3.7 Insert the RK8E modules into the Omnibus (refer to UA-RK8-E-Ø). Refer to Table 2-3 in Volume I of the PDP-8E Maintenance Manual for installation priorities.
- 3.8 Install H851 top connectors between the modules (refer to UA-RK8-E-Ø).
- 3.9 Following the procedure in the RK05 Maintenance Manual, Chapter 2, install the RK05.

4.0 ACCEPTANCE

- 4.1 Requirements for Acceptance
- A. ASR33 teletype, or equivalent.
 - B. Programmers console.
 - C. At least 4K of Read/Write Memory.
- 4.2 Run, in order, the programs listed in the "Shipping Software", using the loading and operating procedures in each program's document. If any errors occur, refer to the errors section of the document to evaluate the printout, and Chapter 5 of the RK8E Maintenance Manual for aids in determining the problem.

SIZE	CODE	NUMBER	REV
A	SP	RK8-E-6	

SHEET 4 OF 5

ENGINEERING SPECIFICATION

ORIGINAL

CONTINUATION SHEET

TITLE

RK8E FIELD INSTALLATION AND ACCEPTANCE PROCEDURE

4.0 ACCEPTANCE (continued)

4.3 Each program should be run the following amount of passes.

- A. Diskless Control Test - Two Passes
- B. Drive Control Test - Two Passes
- C. Formatter Program - One Pass
- D. Data Reliability Program - One Pass

4.4 Acceptable Errors

- A. One read error during the Acceptance Procedure

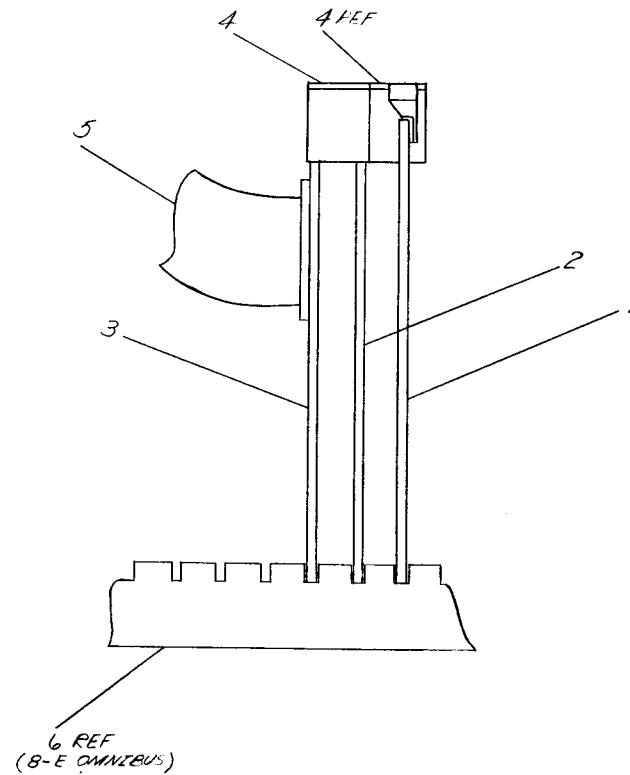
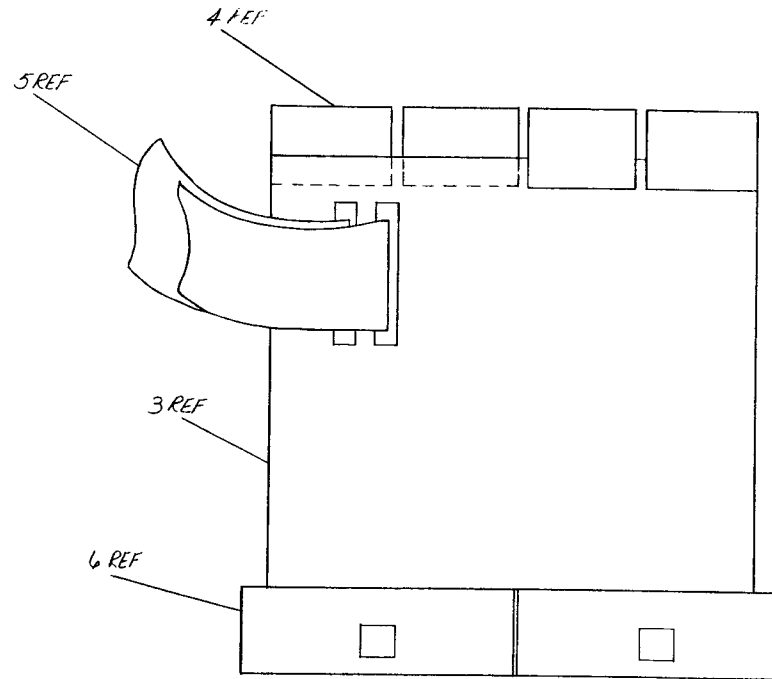
SIZE
A

CODE
SP

NUMBER
RK8-E-6

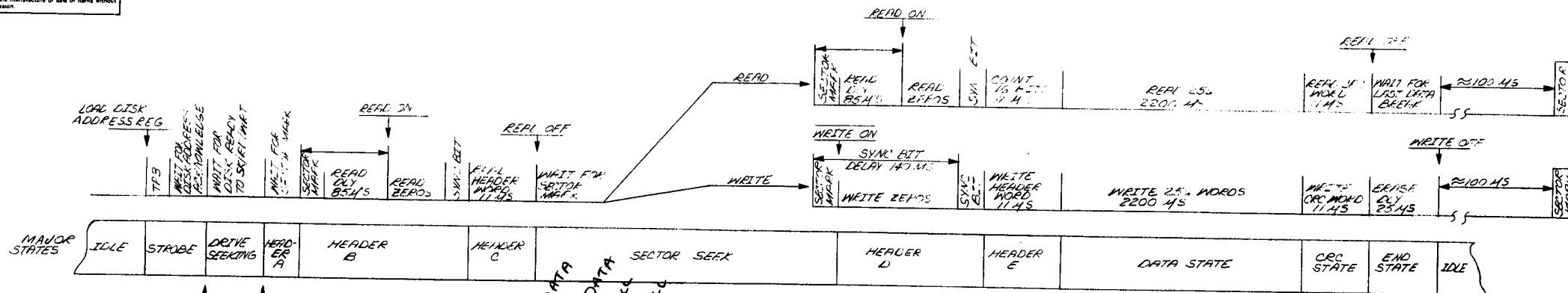
REV

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1	W993 TO BERG	D-AD-707926-00	5
4	EDGE CONNECTOR	B-UP-H951-0-0	4
1	CONTROL, RKB-E	D-CS-M7106-01	3
1	MARK REGISTERS	D-CS-M7105-0-1	2
1	DATA BUFFER STATUS	D-CS-M7104-0-1	1

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
RKB-E					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		DRN M. C.	DATE 1/14/72	TITLE DISK CONTROL	
DECIMALS	ANGLES	CHK'D.	DATE 1/14/72	digital EQUIPMENT CORPORATION NORFOLK, MASSACHUSETTS	
XXX + .005	±0°30'	ENG.	DATE 1/14/72		
XX + .02		PROJ. ENG.	DATE 1/14/72		
X + .1		PROD.	DATE 1/14/72		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY					
MATERIAL		NEXT HIGHER ASSY.			
FINISH		B-M-ANS-0			
SCALE		SIZE CODE			
SHEET 1 OF 1		NUMBER DUA RKB-E-0			
		REV			



MAJOR STATE	FUNCTION	SEEK	SY/CH/RO READ D	SY/CH/INT/WRT L	SY/RO READ A	SY/INT/WRT A
IDLE	CONTROL IS NOT BUSY. WHEN THE GO COMMAND (FLAG) IS ISSUED THE C(AC) IS LOADED INTO THE CRC* AND SECTOR-SURFACE REGISTERS (DISK ADDRESS)	✓	✓	✓	✓	✓
STROBE	STROBE THE CYLINDER ADDRESS FROM THE C(AC) REGISTER TO THE DRIVE AND WAIT FOR THE DRIVE'S "ADDRESS ACKNOWLEDGE" SIGNAL.	✓	✓	✓	✓	✓
DRIVE SEEKING	WAIT FOR THE "DISK READY TO SEEK/READ/WRITE" LEVEL FROM THE DRIVE TO SIGNIFY THAT THE HEADS ARE POSITIONED OVER THE CYLINDER ADDRESS.		✓	✓	✓	✓
HEADER A	WAIT FOR THE FIRST SECTOR MARK, THEN START THE READ DELAY.		✓	✓		
HEADER B	AT THE END OF THE READ DELAY TURN THE READ FLAP ON. ZEROS WILL BE READ UNTIL THE SYNC BIT WHICH SIGNIFYS THE BEGINNING OF A SECTOR'S DATA.		✓	✓		
HEADER C	READ THE 16 BIT HEADER WORD AND COMPARE IT WITH THE CYLINDER ADDRESS IN THE CRC REGISTER.		✓	✓		
SECTOR SEEK	IF THE HEADER WORD DOES NOT EQUAL THE CYLINDER ADDRESS SET THE "CYLINDER ADDRESS ERROR" AND GO TO THE IDLE STATE. AT EACH SECTOR MARK COMPARE THE SECTOR ADDRESS WITH THE DISK SECTOR ADDRESS LINES, IF EQUAL GO TO THE NEXT STATE.		✓	✓	✓	✓
HEADER D	AT THE BEGINNING OF THE SECTOR START THE "READ DELAY". AT THE END OF THE "READ FLAP" SET "READ." ZEROS WILL BE READ UNTIL THE SYNC BIT.		✓		✓	
	AT THE BEGINNING OF THE SECTOR START THE "SYNC BIT DELAY." ZEROS ARE WRITTEN FOR THE LENGTH OF THE DELAY. A ONE BIT (SYNC BIT) IS THEN WRITTEN.			✓		✓

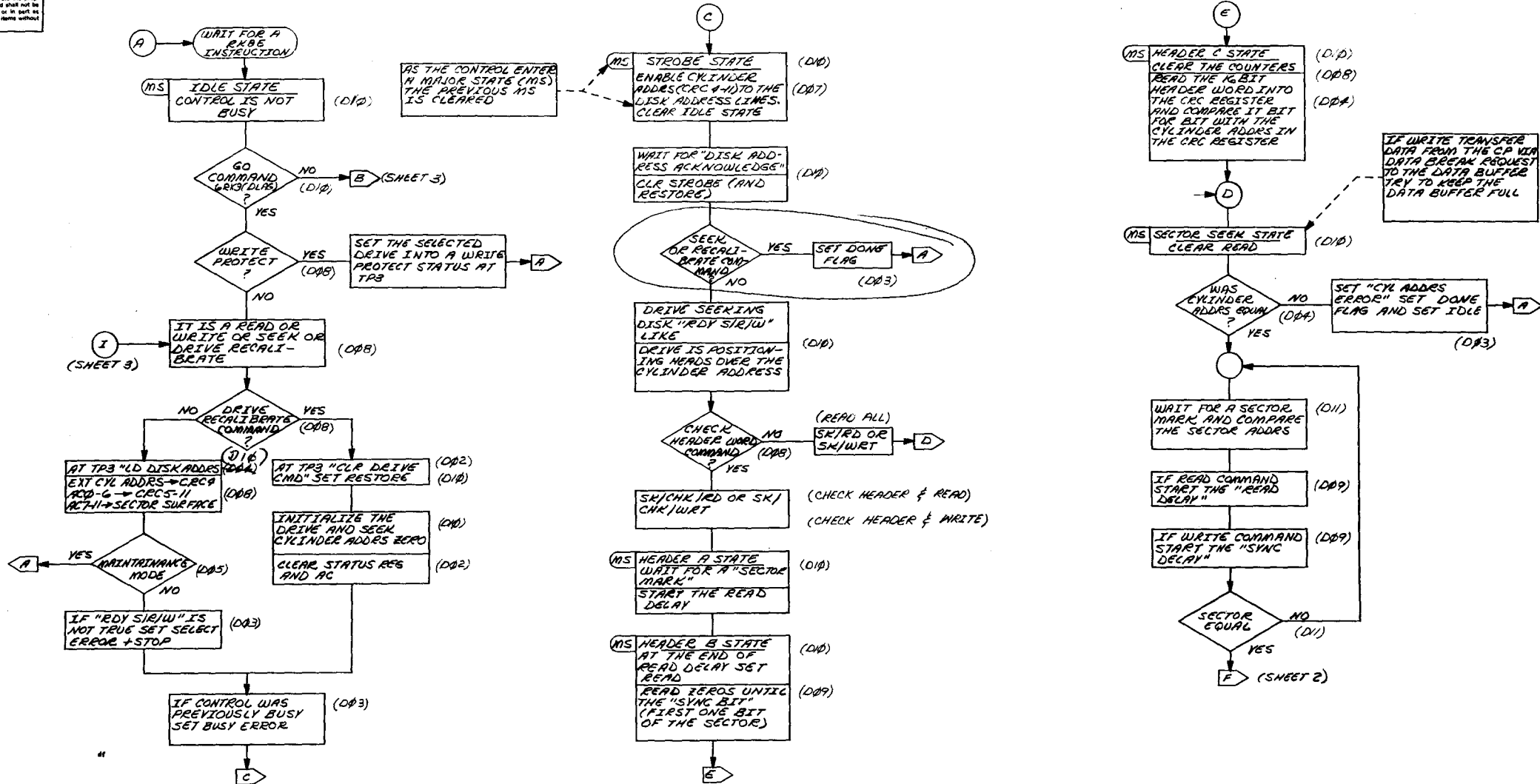
MAJOR STATE	FUNCTION	SEEK	SK/CHK/RO	SK/CHK/WRT	SK/RO	SK/WRT
HEADER E	COUNT AND IGNORE THE FIRST 16 BITS.		✓		✓	
	WRITE THE HEADER WORD SPECIFIED BY THE CRC REGISTER.			✓		✓
DATA STATE	READ 256-12 BIT WORDS FROM THE DISK INTO THE DATA BUFFER AND COMPUTE THE CRC. TRANSFER 12 BIT WORD FROM DATA BUFFER TO THE PROCESSOR. THE CONTROL WILL TRY TO KEEP DATA BUFFER EMPTY VIA DATA BREAKS.		✓		✓	
	WRITE ON THE DISK 256-12 BIT WORDS TRANSFERED FROM THE PROCESSOR TO THE DATA BUFFER. TRYING TO KEEP DATA BUFFER FULL VIA DATA BREAKS. COMPUTE CRC.			✓		✓
CRC STATE	READ AND COMPARE THE CRC WORD WITH THE COMPUTED CRC.		✓		✓	
	WRITE THE COMPUTED CRC ON THE DISK.			✓		✓
END STATE	IF THE CRC FROM THE DISK DOES NOT EQUAL THE COMPUTED CRC, SET THE "CRC ERROR" CLEAR. READ. WHEN THE DATA BUFFERS ARE EMPTIED INTO THE PROCESSOR SET THE DONE FLAG AND GO TO THE IDLE STATE.		✓		✓	
	START THE ERASE DELAY AND WRITE ZEROS. AT THE END OF THE ERASE DELAY CLEAR WRITE, SET THE DONE FLAG AND GO TO THE IDLE STATE.			✓		✓

$$CRC = \frac{3702 \text{ bits}}{x^{12} + x^{15} + 1}$$

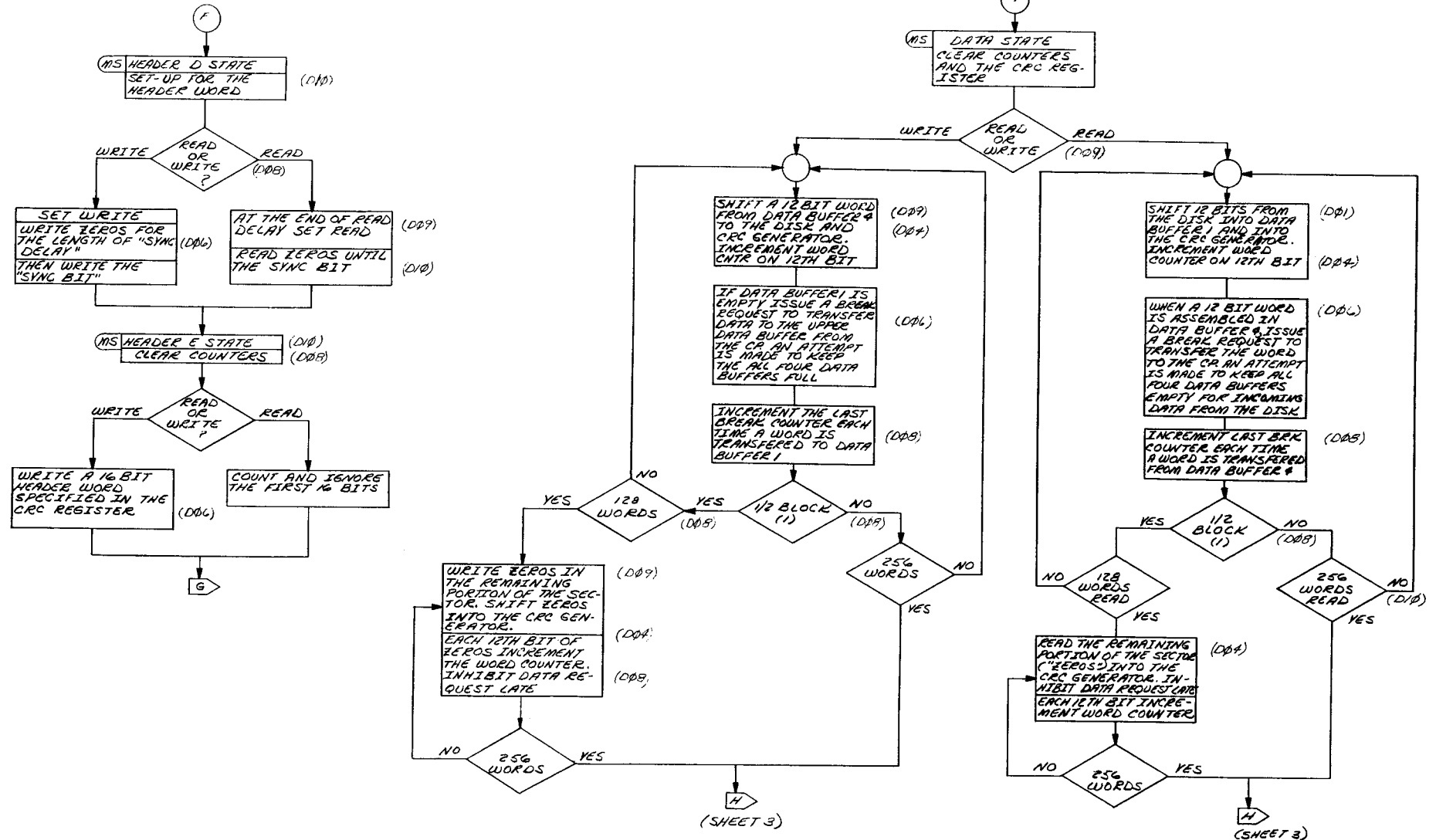
FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.		ITEM NO.
RK8-E				PARTS LIST		
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN. <i>M. P. 100</i>	DATE <i>9/27/77</i>	 DIGITAL EQUIPMENT CORPORATION WATFORD, MASSACHUSETTS		
		CHKD. <i>M. P. 100</i>	DATE <i>9/27/77</i>			
DECIMALS	ANGLES	ENG. <i>M. P. 100</i>	DATE <i>9/27/77</i>			
.XXX = .005 .XX = .02 .X = .1	10° 30'	PROJ. ENG. <i>M. P. 100</i>	DATE <i>9/27/77</i>			
REMOVE BURRS AND BREAK SHARP CORNERS. SURFACE QUALITY ☒		PROD. <i>M. P. 100</i>	DATE	TITLE MAJOR STATES TIMING & FLOW		
MATERIAL <i>7-1</i>	NEXT HIGHER ASSY.					
	<i>E-N-RK8-0</i>					
FINISH <i>1-1</i>	SCALE <i>1:1</i>		SIZE CODE		NUMBER	REV.
	SHEET <i>1</i> OF <i>1</i>		DITD RK8-E-2			
			DIST.			

14 Bit Header Word $\underbrace{5 \phi's, 4 \text{ bit Cyl. Add, } 3 \phi's}_{16 \text{ bits}}$

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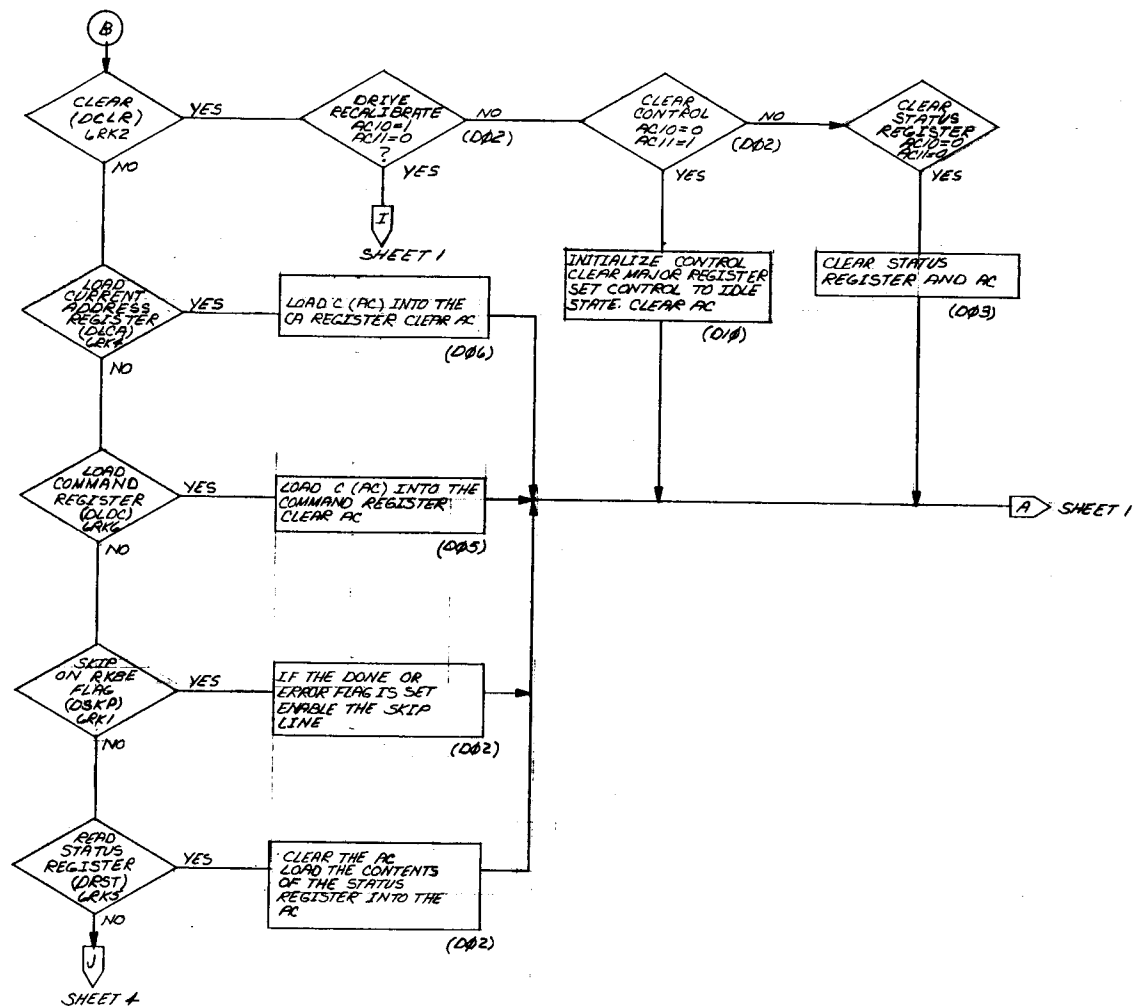
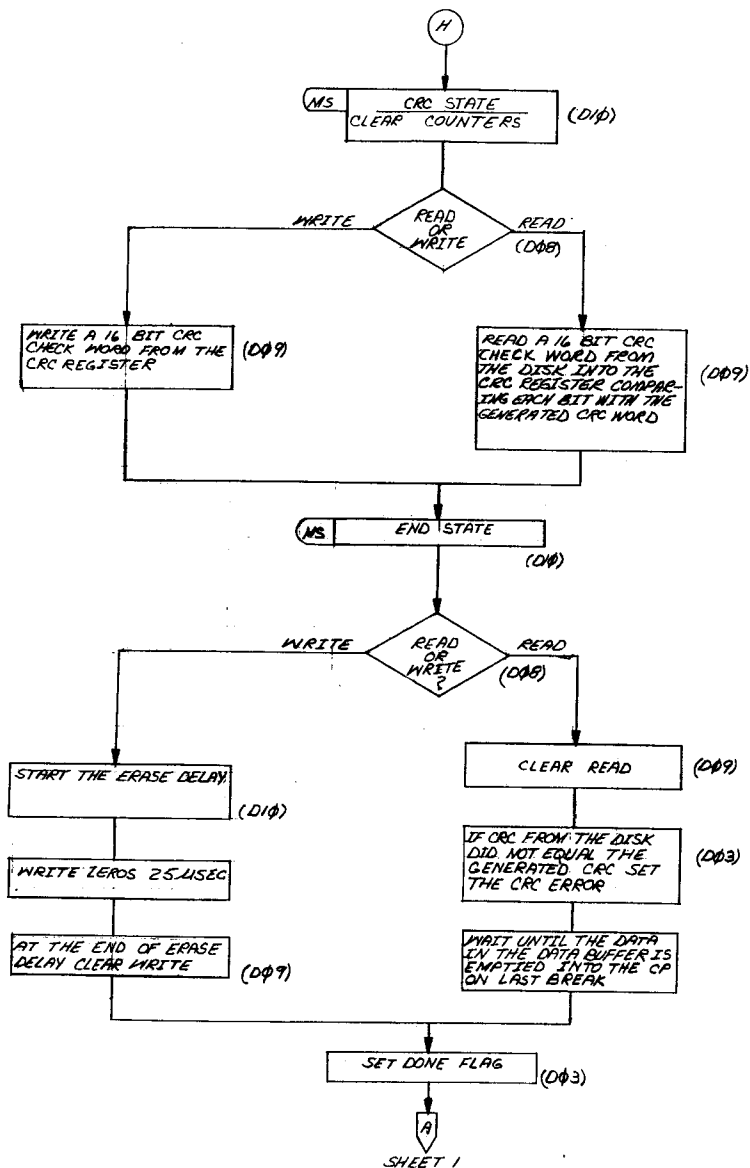
FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-E					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		DRN	DATE	PARTS LIST	
		CHGO	DATE	digital EQUIPMENT CORPORATION	
DECIMALS	ANGLES	ENG	DATE	TITLE	
XXX - .006	10° 30'	PROJ. ENG.	DATE	FLOW DIAGRAM	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		PROD.	DATE	(RK8-E)	
MATERIAL		NEXT HIGHER ASSY.		SIZE CODE	NUMBER
FINISH		FID-RK8-E		D	FD-RK8-E-1
		SCALE		REV.	
		SHEET 1 OF 4		DIST.	



REV	CHANGE NO
1	1

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
1, K2-L				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES				
TOLERANCES				
DECIMALS	ANGLES	DATE		
XXX - .005	10° 30'	DRN	DATE	
.XX - .02		CHK'D	DATE	
.X - .1		ENG	DATE	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		PROJ. ENG	DATE	
		PROD.	DATE	
MATERIAL		NEXT HIGHER ASSY.		
FINISH		E-11-K2-L		
		SCALE	SHEET 2 OF 4	
		DIST.	REV.	

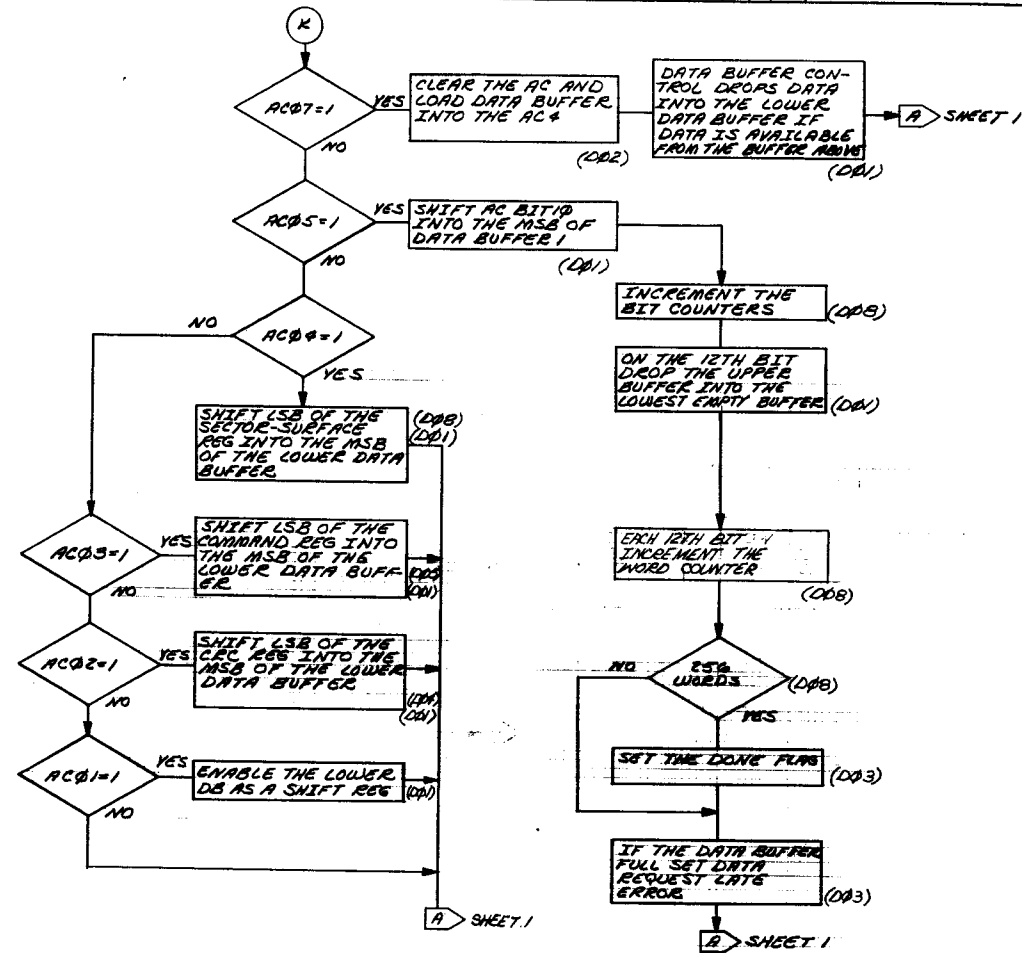
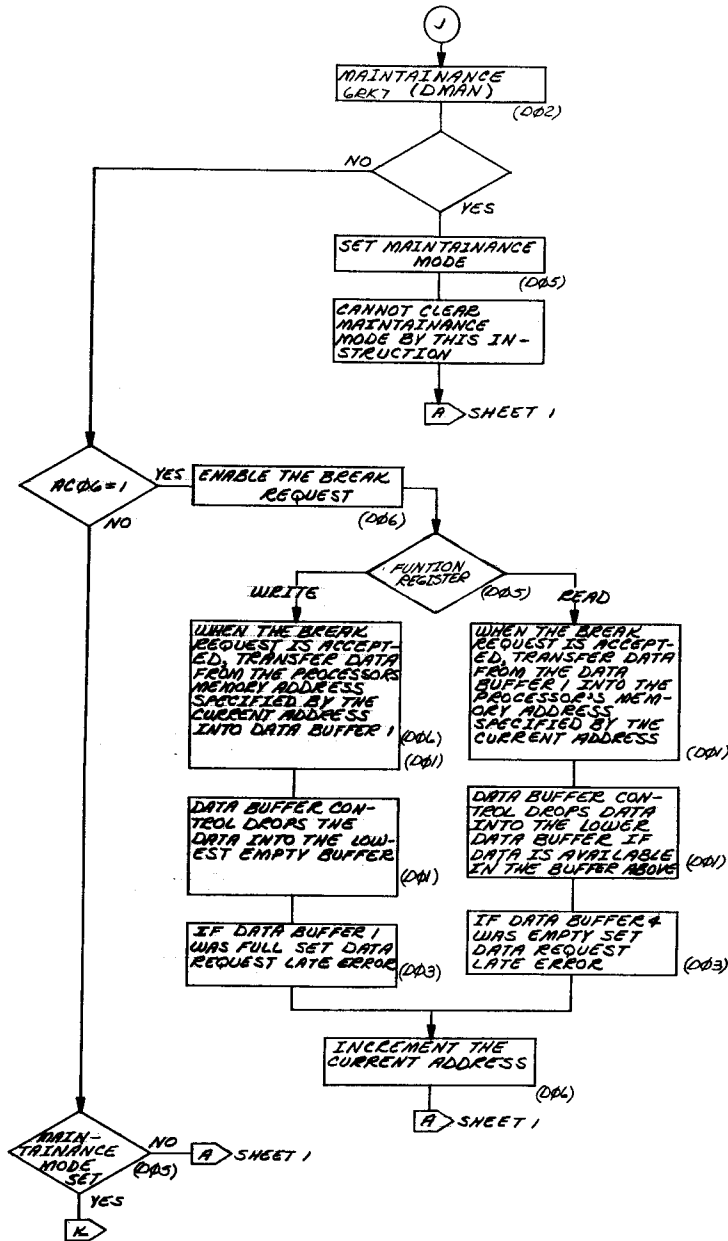
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BRUNING 40-322 15840
DEC 108W NO
DRD 102-B

REV	DATE	BY	CHK
1	10/2/72	XX	XX

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.		
RK8-E							
PARTS LIST							
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		DRN	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS			
		CHKD	DATE				
DECIMALS		ENG	DATE			TITLE FLOW DIAGRAM (RK8-E)	
ANGLES		PROJ. ENG.	DATE				
.XXX ± .005 .XX ± .02 .X ± .1		DATE	DATE				
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓		PROD	DATE				
MATERIAL		NEXT HIGHER ASSY.					
FINISH		B-DD-RK8-Ø		SIZE CODE D F D	NUMBER RK8-E-1		
		SCALE		REV.			
		SHEET 3 OF 4					



FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-E				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES	DRN. <i>[Signature]</i>	DATE 7-17-72	digital EQUIPMENT CORPORATION MASSACHUSETTS	
DECIMALS	CHK'D. <i>[Signature]</i>	DATE 10-9-72		
ANGLES	ENG. <i>[Signature]</i>	DATE 10/1/72		
XXX - .005 XX - .02 X - .1	PROV. ENG. <i>[Signature]</i>	DATE 10/1/72		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	BROD. <i>[Signature]</i>	DATE 10/1/72	FLOW DIAGRAM (RK8-E)	
MATERIAL	NEXT HIGHER ASSY.			
FINISH	B-DD-RK8-0	SCALE 4 OF 4		
	SHEET 4 OF 4			

PAGE REVISION CONTROL SHEET

[illegible]

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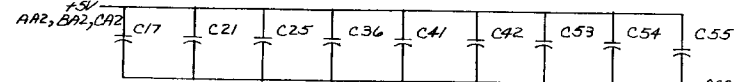
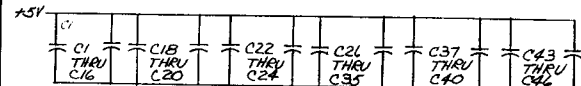
NOTES:

5 REF

1 REF

49

NUA



AC2, AF1, AN1, AT1, AF2, AN2, AT2, BC1, BF1, BN1, BT1, BC2, BF2, BN2, BT2, CC1, CF1, CN1, CT1, CC2, CF2, CN2, CT2, DC1, DF1, DN1, DT1, DC2, DF2, DN2, DT2.

AR	DESCRIPTION	QTY	REF
4	* 30 AWG WIRE, SOLID, GREEN	9105740-55	51
1	C57	GRIPLETS	7210244-0
4	C57	CAP., 1000 pf 5% DM	1000042
9	EVELET	9006750	49
9	SPLIT LUGS	9006735	48
4	E4, E10, E18, E25	I.C. DEC 74174	47
1	E7	I.C. DEC 74123	46
1	E50	I.C. DEC 7496	45
3	E16, E40, E48	I.C. DEC 7408	44
1	E33	I.C. DEC 7437	43

DEC	TH23	8	16
DEC	74174	8	16
DEC	7496	5	12
DEC	74193	8	16
DEC	8235	8	16
DEC	314	1	8
DEC	8251B	8	16
DEC	384	1	8
DEC	380	1	8
DEC	7473	4	11
DEC	7476	5	13
IC TYPE	GND	+ 5V	

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

IC PIN LOCATIONS

BRUING 4532 16899

DEC FORM NO. DED-135A

FIRST USED ON OPTION MODEL

RK8-E

ETCH BOARD REV

B

PARTS LIST

DATE 7/8/72
CHKD
ENG
PROJ
PROB
NEXT HIGHER ASSY
SCALE
SHEET 2 OF 1

digital EQUIPMENT CORPORATION
TITLE
DATA BUFFER & STATUS
SIZE CODE
NUMBER
REV. A

SEMICONDUCTOR CONVERSION CHART

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

1	E43	I.C. DEC 74193	1910018	42
4	E8, E22, E29, E49	I.C. DEC 8235	1909935	41
1	E21	I.C. DEC 74404	1909931	40
1	E36	I.C. DEC 8881	1909705	39
1	E1	I.C. DEC 314	190974	38
4	E16, E23, E27, E31	I.C. DEC 7404	1909686	37
1	E38	I.C. DEC 74474	1909667	36
1	E37	I.C. DEC 8251B	1909594	35
1	E30	I.C. DEC 384	1909486	34
4	E2, E15, E35, E42	I.C. DEC 380	1909485	33
2	E6, E26	I.C. DEC 74453	1909062	32
1	E20	I.C. DEC 74400	1909056	31
6	E3, E5, E9, E17, E29, E32	I.C. DEC 7495	1909055	30
6	E13, E19, E28, E34, E51, E53	I.C. DEC 7402	1909004	29
1	E12	I.C. DEC 7473	1905587	28
1	E14	I.C. DEC 7476	1905585	27
2	E16, E44	I.C. DEC 7440	1905579	26
1	E47	I.C. DEC 7410	1905576	25
3	E45, E46, E54	I.C. DEC 7400	1905575	24
2	E39, E52	I.C. DEC 7474	1905547	23
2	R6, E7	RES., 5.11K, 1/8W, 1%, MF	1304854	22
2	R2, R3	RES., 100, 1/4W, 5%, CC	1301322	21
2	R12, R13	RES., 4.7K, 1/4W, 5%, CC	1300447	20
1	R9	RES., 2.2K, 1/4W, 5%, CC	1300417	19
1	R11	RES., 1.0K, 1/4W, 5%, CC	1300398	18
2	R1, R4	RES., 390, 1/4W, 5%, CC	1300309	17
6	R5, R8, R10, R14, R15, R16	RES., 100, 1/4W, 5%, CC	1300229	16
2	SPACER (CABLE CLAMP)		1202704	15
40	C17 THRU C16, C18 THRU C32 THRU C38, C34 THRU C35, C37 THRU C40, C43 THRU C46	CAP., 0.1uF, 100V, 20%, DISC	1001610	14
3	C53 THRU C55	CAP., 0.1uF, 35V, 20%, TANT	1000067	13
2	C49, C56	CAP., 470pF, 100V, 5% DM	1000024	12
1	C51	CAP., 330pF, 100V, 5% DM	1000023	11
1	C52	CAP., 100pF, 100V, 5% DM	1000020	10
1	C50	CAP., 100pF, 100V, 5% DM	00018	9
1	C47	CAP., 39pF, 100V, 5% DM	1000010	8
1	C48	CAP., 10pF, 100V, 5% DM	1000006	7
6	C17, C21, C25, C36, C41, C42	CAP., 0.02uF, 100V, 20%, DISC	1000004	6
2	HANDLE, FLTP-CHTP, MAGENTA		9008337-06	5
1	ETCHED CIRCUIT BOARD		5010064	4
1	MODULE ECO HISTORY		B-MH-M7104-0-6	3
1	ASSY/DRILLING HOLE LAYOUT		D-AH-M7104-0-5	2
1	X-Y COORDINATE HOLE LOCATION		K-CO-M7104-0-4	1

QTY REF DESIGNATION DESCRIPTION PART NO. ITEM NO.

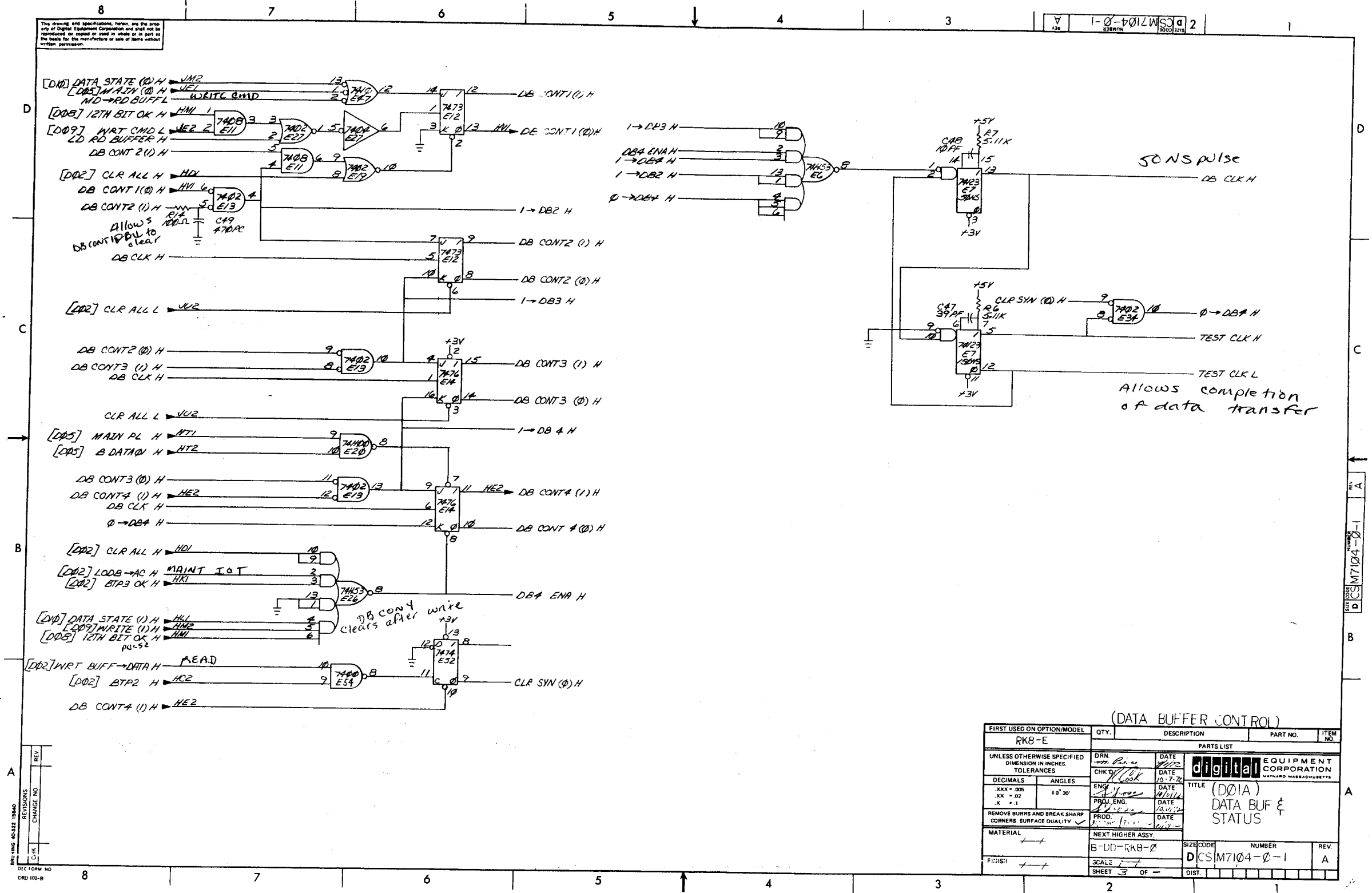
ORIGINATED A
CHANGE NO. REV
REVISIONS

DATE 7/8/72
CHKD
ENG
PROJ
PROB
NEXT HIGHER ASSY
SCALE
SHEET 2 OF 1

digital EQUIPMENT CORPORATION
TITLE
DATA BUFFER & STATUS
SIZE CODE
NUMBER
REV. A

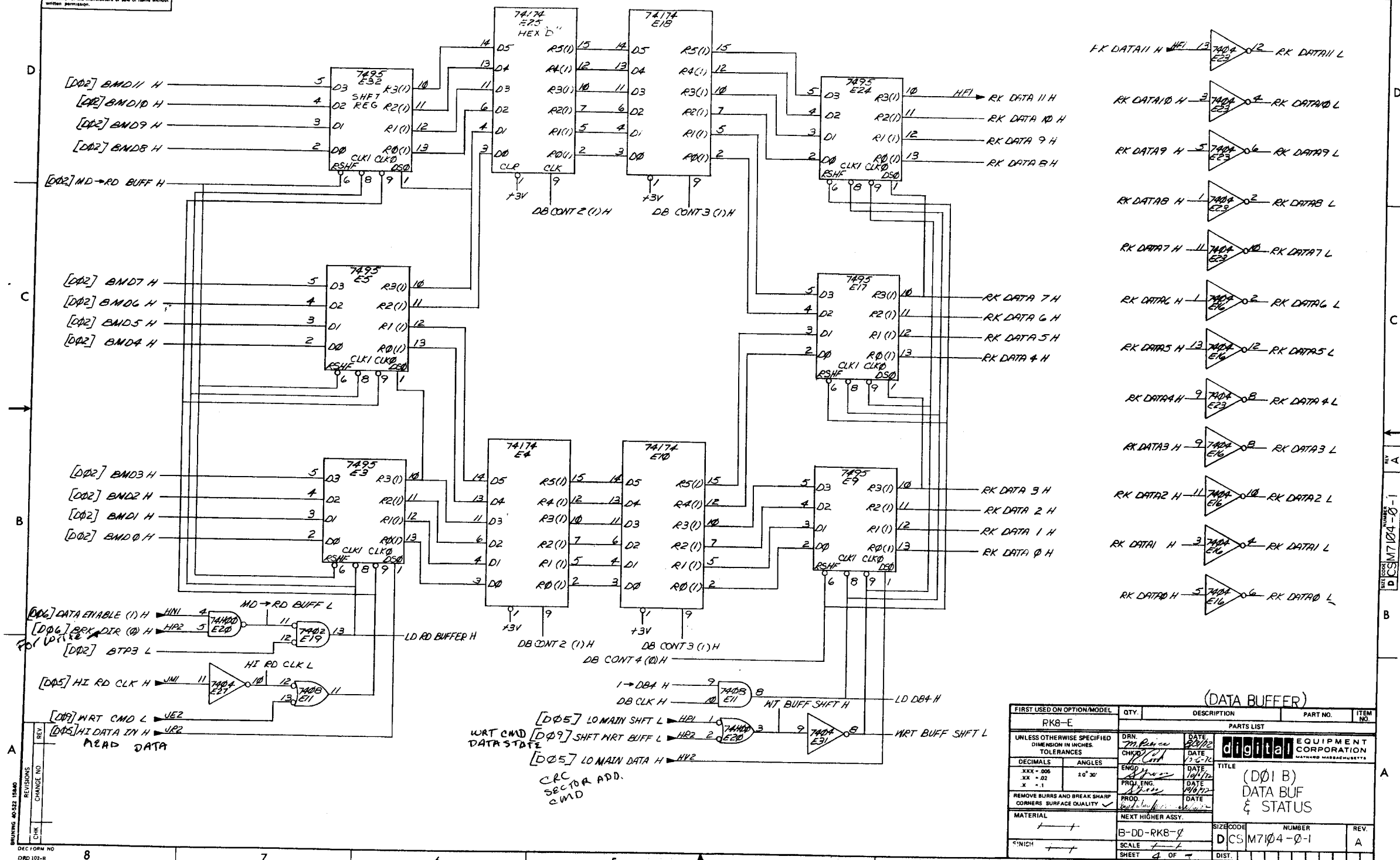
SEMICONDUCTOR CONVERSION CHART

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

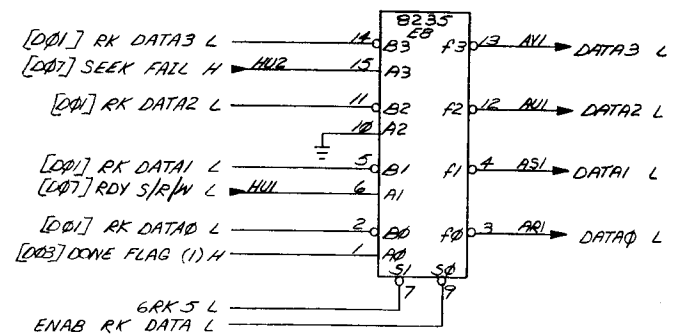


FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-E			PARTS LIST		
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN 10-10-76	DATE 10-10-76	EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
DECIMALS	ANGLES	CHK'D 10-10-76	DATE 10-10-76	TITLE (DØ1A) DATA BUF & STATUS	
.XX = .005 .XX = .02 .X = .1	±0° 30'	ENG. 10-10-76	DATE 10-10-76		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓		PROD. 10-10-76	DATE 10-10-76		
MATERIAL		PROD. 10-10-76	DATE 10-10-76		
NEXT HIGHER ASSY.					
B-DD-RK8-Ø		SIZE CODE NUMBER			
F.FINISH: ✓		DCS M7104-Ø-1			
SCALE		REV. A			
SHEET 3 OF 1		DIST.			

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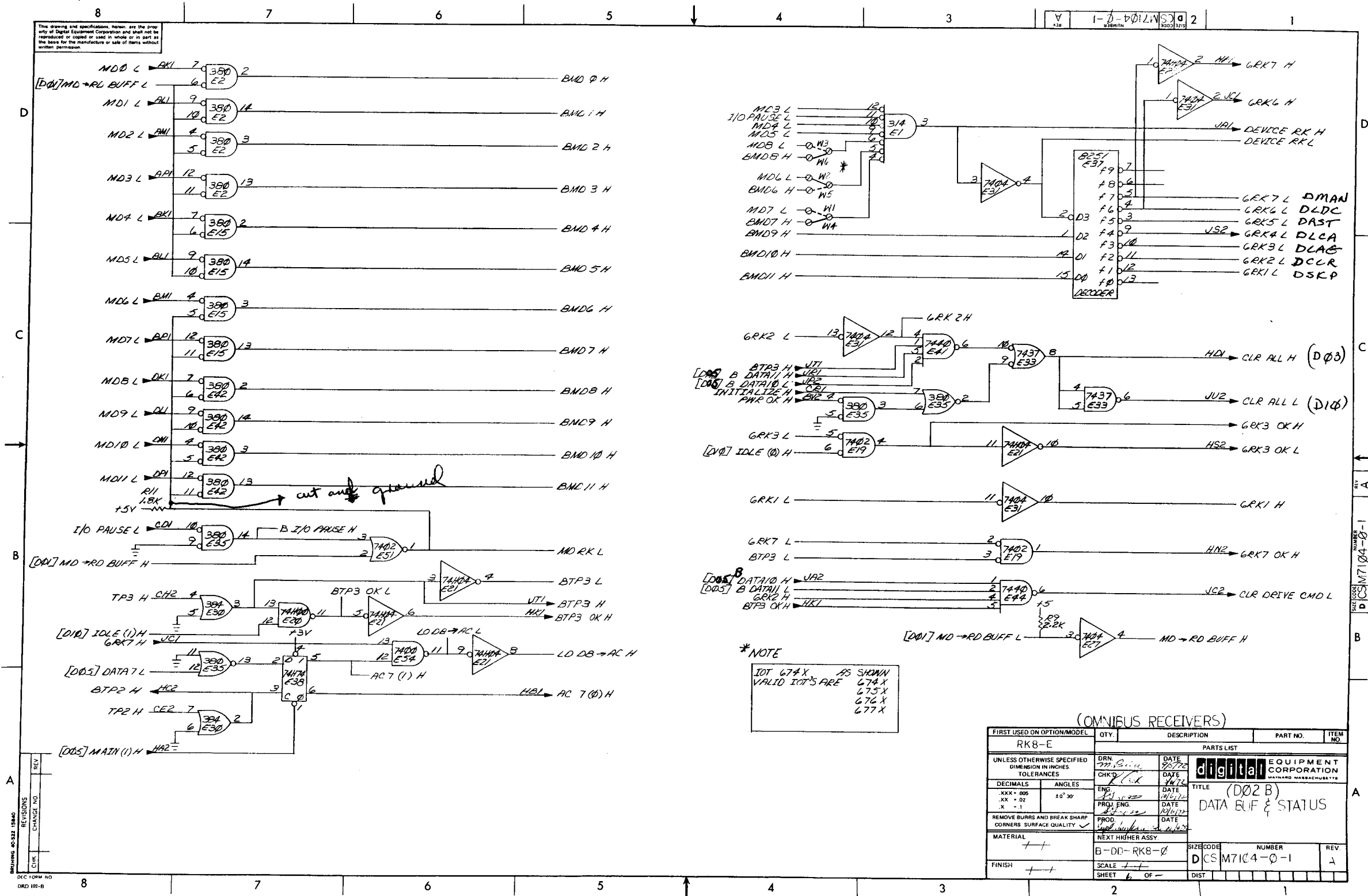


FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-E					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES			PARTS LIST		
DECIMALS			digital EQUIPMENT CORPORATION NATICK, MASSACHUSETTS		
ANGLES			TITLE (D01 B) DATA BUF & STATUS		
XXX = .006		20° 30'	SIZE CODE NUMBER		
XX = .02			DCS M7104-0-1		
X = .1			REV. A		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY			SHEET 4 OF 4		
MATERIAL			NEXT HIGHER ASSY.		
FINISH			SCALE		



FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-E					
PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		DRN <i>W. L. H. H.</i>	DATE <i>10/2/72</i>	digital EQUIPMENT CORPORATION WATFORD, MASSACHUSETTS	
DECIMALS	ANGLES	CHKD <i>R. L. C.</i>	DATE <i>10/2/72</i>	TITLE (D02A) DATA BUF & STATUS	
XXX - .006 XX - .02 X = .1	±0° 30'	ENG. <i>A. J. C.</i>	DATE <i>10/2/72</i>		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓		PROD. <i>W. L. H. H.</i>	DATE <i>10/2/72</i>		
MATERIAL <i>1-1-1</i>		PROD <i>W. L. H. H.</i>	DATE <i>10/2/72</i>		
		NEXT HIGHER ASSY.			
		B-DD-RK-E-0			
FINISH <i>1-1-1</i>	SCALE <i>1-1-1</i>	SIZE CODE D CS		NUMBER M7104-0-1	REV A
SHEET 5 OF —		DIST.			

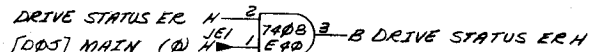
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*NOTE
IOT 674X AS SHOWN
VALID IOT'S ARE
674X
675X
676X
677X

(OMNIBUS RECEIVERS)

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-E				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES	DRN M.B. 11/11/72	DATE 9/27/72	digital EQUIPMENT CORPORATION MASSACHUSETTS	
DECIMALS	CHK'D K.L.K.	DATE 3/17/72		
ANGLES	ENG. J.P. 10/22/72	DATE 10/24/72		
XXX - 005 .XX - 02 .X - 1	PROJ. ENG. J.P. 10/22/72	DATE 10/24/72		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROD. J.P. 10/22/72	DATE 10/24/72	(D02 B) DATA BUF & STATUS	
MATERIAL	NEXT HIGHER ASSY			
FINISH	B-DD-RK8-0	SIZE CODE		
	SCALE 1-1	DIST		
	SHEET 6 OF 1		DCS M7104-0-1	
			REV 1	

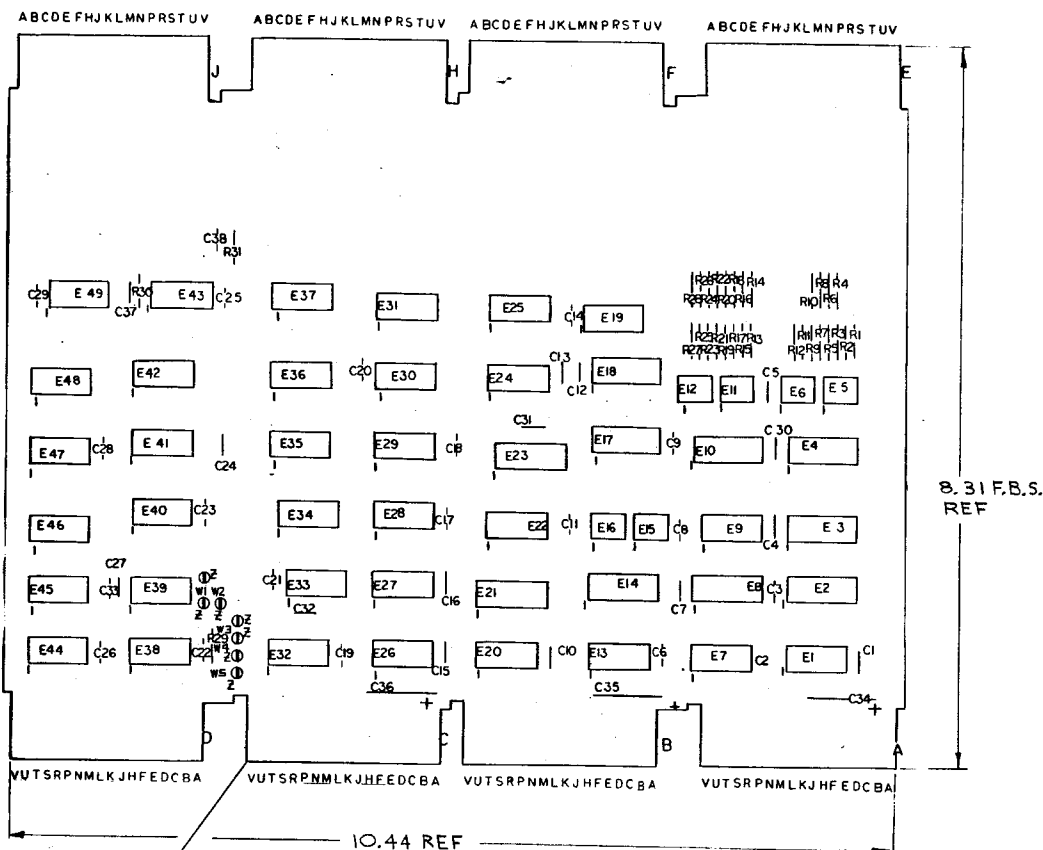


FIRST USED ON OPTION/MODEL		QTY.		DESCRIPTION		PART NO.		ITEM NO.	
RK8-E									
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES				PARTS LIST					
DECIMALS		ANGLES		TITLE					
XXX + .005		20° 30'		(D003)					
XX + .02				DATA EUF & STATUS					
X = 1									
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓									
MATERIAL		NEXT HIGHER ASSY.		SIZE CODE NUMBER REV.					
++		B-DL-RK8-0		DCS M7104-01 A					
FINISH		SCALE		DIST.					
++		SHEET							

[illegible]

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NOTES:



7		SPLIT LUG	9006735	34
1	E46	I.C. DEC 7440	1905579	33
1	E10	I.C. DEC 74155	1910656	32
1	E23	I.C. DEC 74174	1910652	31
3	E8, E18, E21	I.C. DEC 74161	1910650	30
4	E5, E6, E15, E16	I.C. DEC 75452	1910645	29
2	E11, E12	I.C. DEC 75451	1910406	28
2	E8, E14	I.C. DEC 7496	1910363	27
3	E25, E38, E41	I.C. DEC 7408	1910155	26
1	E24	I.C. DEC 7486	1910011	25
6	E16, E20, E26, E38, E44	I.C. DEC 8881	1909705	24
2	E39, E45	I.C. DEC 74474	1909667	23
3	E3, E33, E17	I.C. DEC 8271	1909615	22
2	E42, E43	I.C. DEC 7404	1909686	21
1	E27	I.C. DEC 384	1909486	20
3	E13, E22, E32	I.C. DEC 380	1909485	19
1	E38	I.C. DEC 74411	1909267	18
1	E9	I.C. DEC 74452	1909061	17
1	E37	I.C. DEC 74410	1909057	16
2	E28, E47	I.C. DEC 7402	1909004	15
6	E19, E29, E31, E36, E40, E49	I.C. DEC 7400	1905575	14
3	E34, E35, E48	I.C. DEC 7474	1905547	13
14	R2, R5, R6, R9, R10, R12, R15, R16, R17, R20, R23, R24, R27, R28	RESISTOR, 100, 1/4W, 5%	1301322	12
1	R29	RESISTOR, 1K, 1/4W, 5%	1300365	11
14	R1, R3, R4, R7, R8, R11, R13, R14, R18, R19, R21, R22, R25, R26	RESISTOR, 390, 1/4W, 5%	1300309	10
2	R30, R31	RESISTOR, 100, 1/4W, 5%	1300229	9
32	C1 THRU C33	CAP. .014UF, 100V, 20% DISC	1001610	8
3	C34 THRU C36	CAP. 6.84UF, 35V, 20% STANT	1000067	7
1	C38	CAP. 500PF, 100V, 5% D.M.	1000025	6
1	C37	CAP. 470PF, 100V, 5% D.M.	1000024	5
1		ETCHED CIRCUIT BOARD	5010065	4
REF		MODULE ECO HISTORY	B-MH-M7105-0-1	3
REF		ASSY DRILLING HOLE LAYOUT	D-MH-M7105-0-2	2
REF		X-Y COORDINATE HOLE LOCATION	K-CO-M7105-0-1	1
QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.

DEC 74155	8	16
DEC 74174	8	16
DEC 74174	8	16
DEC 74161	8	16
DEC 75452	4	8
DEC 75451	4	8
DEC 8271	8	16
DEC 384	1	8
DEC 380	1	8
IC TYPE	GND	+5V

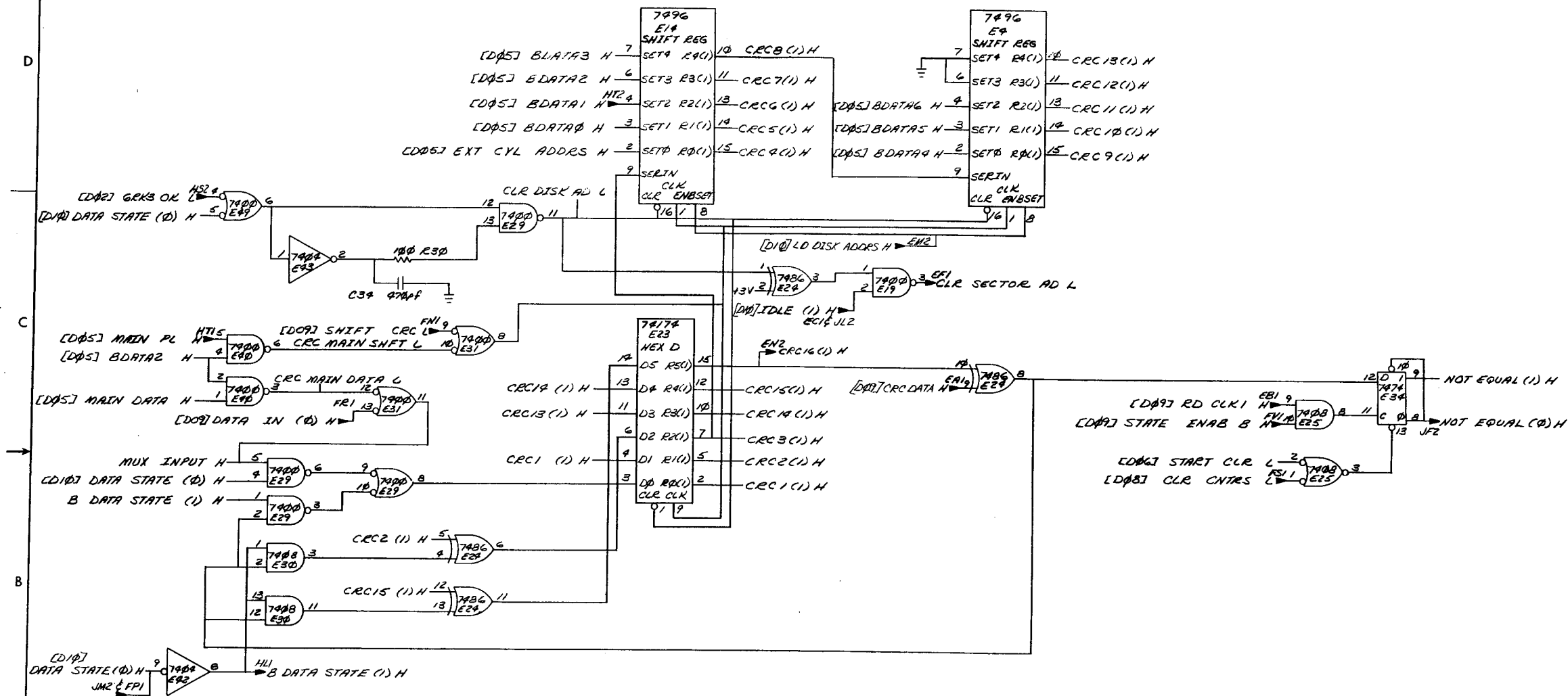
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE.

IC PIN LOCATIONS

DEC FORM NO. DED-135A

FIRST USED ON OPTION MODEL

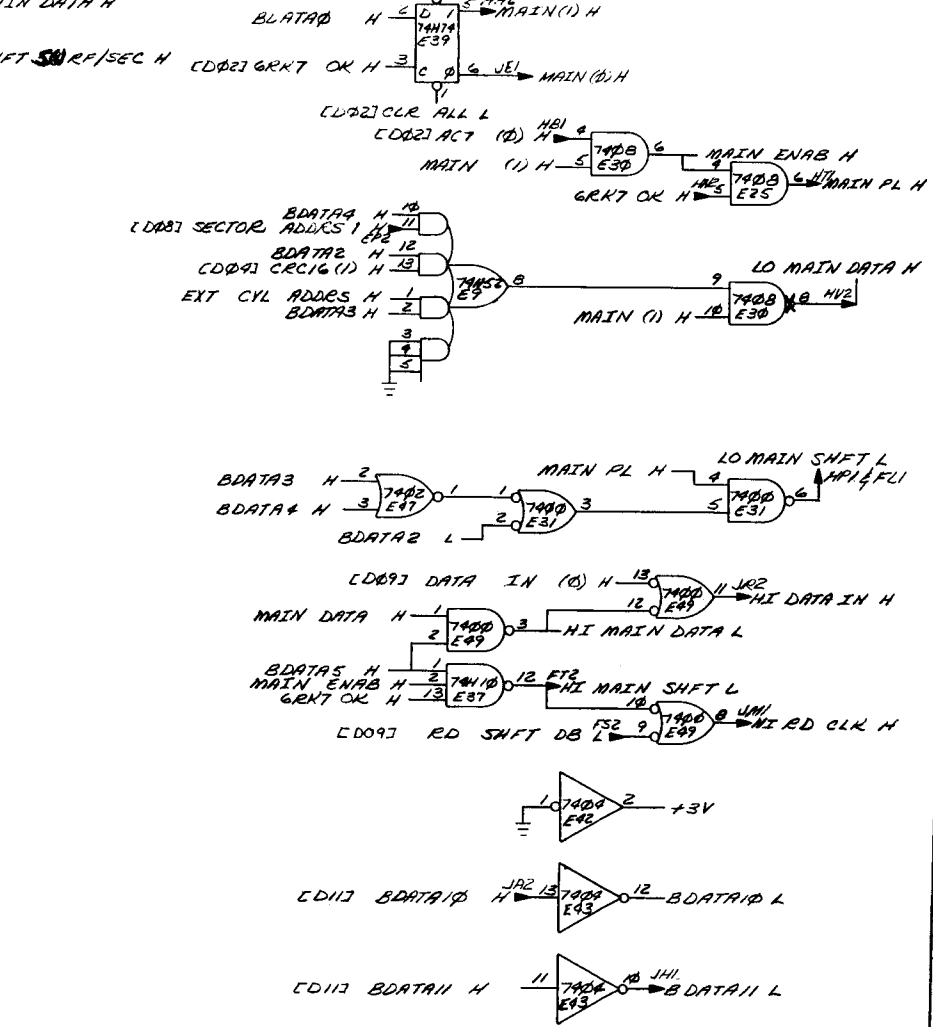
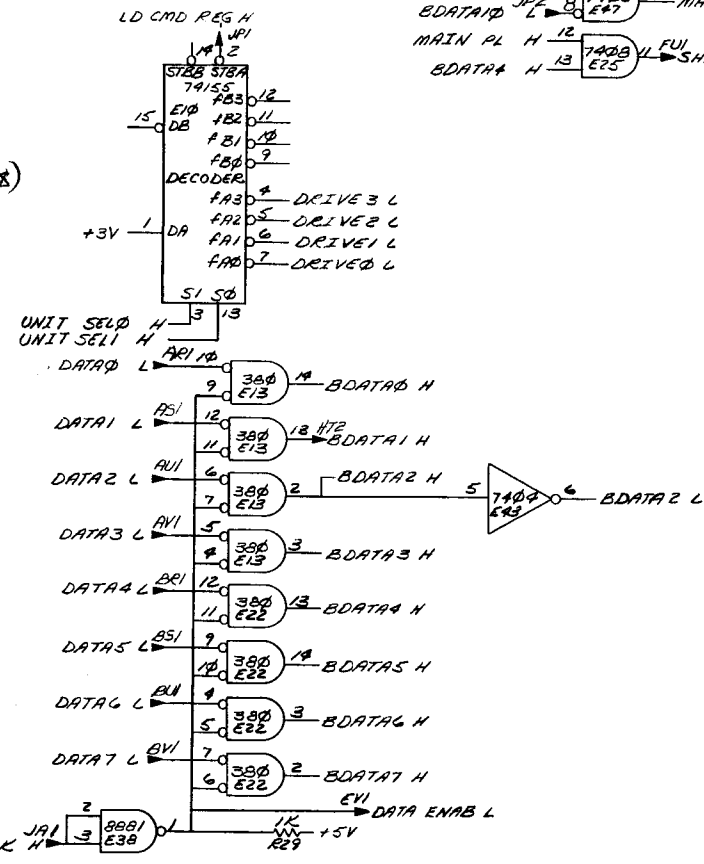
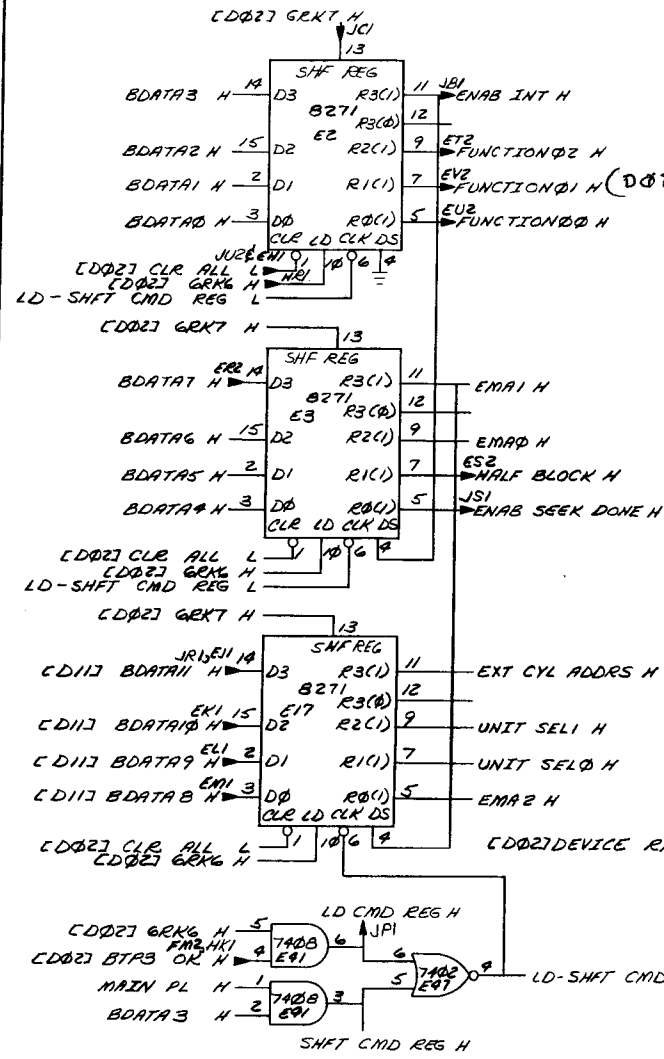
PARTS LIST			
ETCH BOARD REV			
DRN	DATE	DATE	DATE
CHKD	DATE	DATE	DATE
ENG	DATE	DATE	DATE
PROJ. ENG	DATE	DATE	DATE
PROD.	DATE	DATE	DATE
NEXT HIGHER ASSY			
DEC NO.	EIA NO.	DEC NO.	EIA NO.
SEMICONDUCTOR CONVERSION CHART			
SCALE	100.0		
SHEET	2	OF	
SIZE CODE	NUMBER	REV.	
DJCSM7105-0-1		A	
DIST.			



(CRC/DISK ADDRESS REG.)

FIRST USED ON OPTION/MODEL		QTY.		DESCRIPTION		PART NO.		ITEM NO.	
RK8-E				PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN <i>21.00</i>		DATE <i>6/2/82</i>					
		CHKD. <i>21.00</i>		DATE <i>11-2-82</i>					
DECIMALS		ANGLES		TITLE		<i>(D04)</i> MAJOR REGISTERS			
.XXX = .005 .XX = .02 .X = .1		±0° 30'							
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓		ENG. <i>21.00</i>		DATE <i>1/17/74</i>					
		PROJ. ENG. <i>21.00</i>		DATE <i>10/17/74</i>					
		PROD. <i>21.00</i>		DATE <i>10/17/74</i>					
MATERIAL		NEXT HIGHER ASSY.		SIZE CODE		NUMBER		REV	
<i>+</i>		D-UA-RK8-E-0		D		M7105-0-1		A	
FINISH		SCALE		DIST.					
<i>+</i>		SHEET 3 OF							

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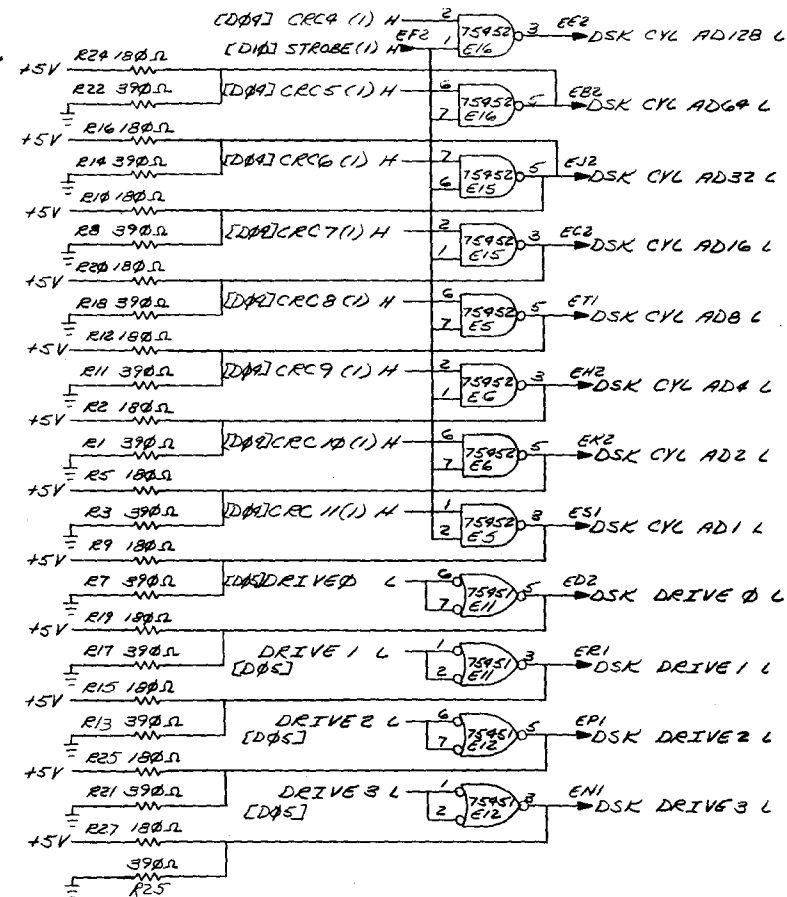
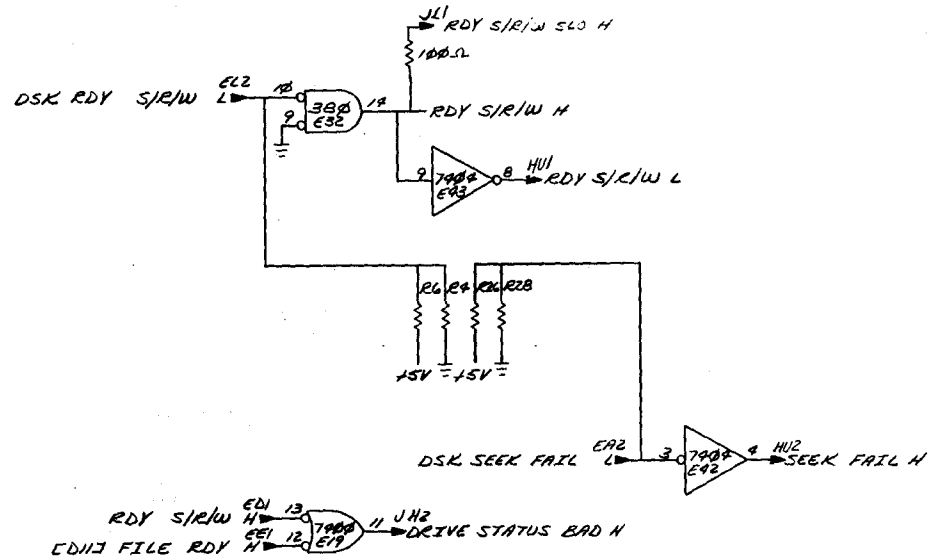


(COMMAND REG. MAINT. LOGIC)

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
RKB-E			PARTS LIST		
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		DRN	DATE	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
		CHKD	DATE		
DECIMALS	ANGLES	ENG	DATE	TITLE (D05) MAJOR REGISTER	
.XXX - .006 .XX - .02 X - .1	±0° 30'	PROJ. ENG.	DATE		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ☒		PROD.	DATE		
MATERIAL		NEXT HIGHER ASSY.		SIZE CODE NUMBER REV	
- / - /		B-DD-RKB-0			
FINISH	- / - /	SCALE	SHEET	D5CSM7105-0-1 A	
		4 of 6	DIST.		

BRUNING 65-522 19640
REV. 10-1-72
CHK
P41

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(DRIVE SIGNALS CABLE J1)

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-E				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES.		DATE	DATE	DATE
TOLERANCES		CHK'D	DATE	DATE
DECIMALS	ANGLES	ENG	DATE	DATE
XXX - .005	30' 30"	PROJ. ENG.	DATE	DATE
XX - .02		PROD.	DATE	DATE
X - .1				
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		DATE	DATE	DATE
MATERIAL		NEXT HIGHER ASSY.	SIZE/SCALE	NUMBER
FINISH		B-DD-RK9-0	D	CSM7105-0-1
		SCALE	SHEET 6 OF	DIST

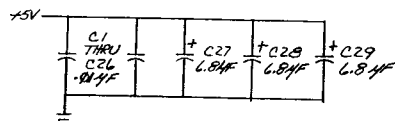
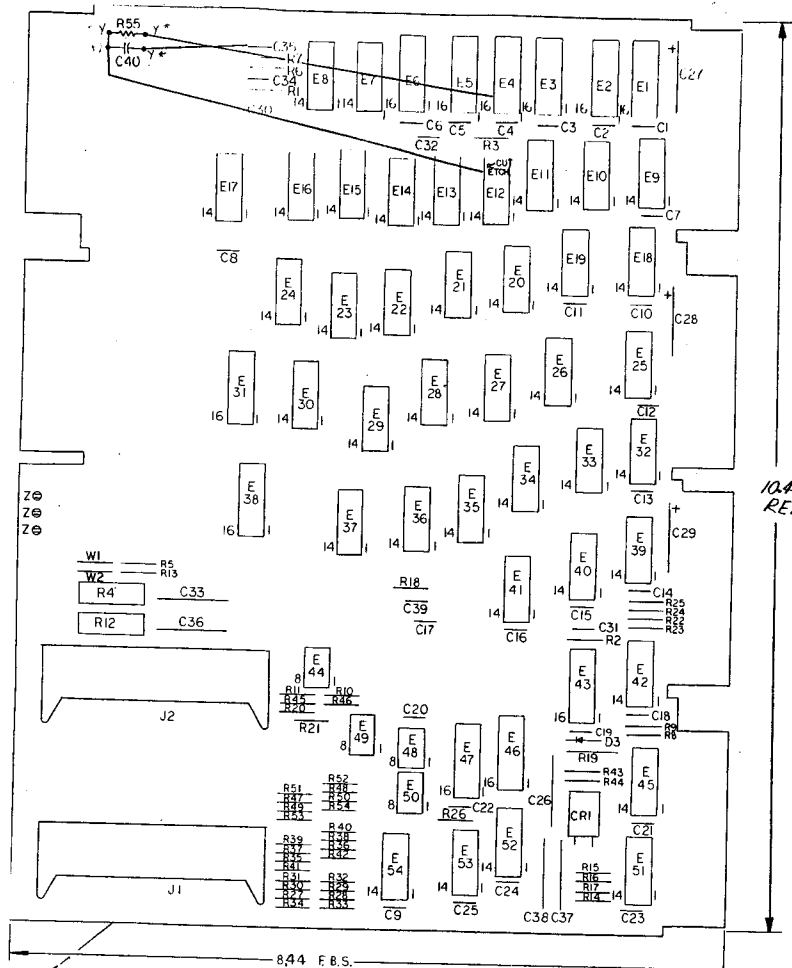
BRUNING 40-522 15840
 DEC FORM NO
 1080 100-B

REVISIONS
 CHANGE NO.
 1
 OK 3-1-76
 PDI

CSM7105-0-1
 A

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NOTES:



IC TYPE	GND	+ 5V
DEC 380	1	8
DEC 7485	8	16
DEC 7496	5	12
DEC 74155	8	16
DEC 74161	8	16

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

IC PIN LOCATIONS

DEC FORM NO. DRD-135A

QTY	REF	DESCRIPTION	PART NO.	ITEM NO.
1	C40	CAPACITOR 470PF, 100V, 5%	1000024	48
AR		#30 AWG WIRE, SOLID GREEN	9105740-55	47
4		GRIPLETS	1210244-0	46
AR	W1, W2	INSULATED JUMPER	9009185	45
2	J1, J2	CONN. 40 RT ANGLE	1209941	44 REF
1	E31	I.C. TYPE 74155	1910656	43 REF
2	E38, E43	I.C. TYPE 74123	1910436	42 REF

1	E46	I.C. TYPE 7496	1910363	41
1	E47	I.C. TYPE 7485	1910224	40
9	E15, E18 THRU E22, E24, E37, E41	I.C. TYPE 7474	1905547	39
1	E28	I.C. TYPE 74H52	1909061	38
1	E10	I.C. TYPE 74H10	1908057	37
2	E39, E39	I.C. TYPE 7410	1905576	36
2	E16, E32	I.C. TYPE 7408	1910155	35
5	E42, E51 THRU E54	I.C. TYPE 380	1909485	34
2	E11, E7	I.C. TYPE 74N04	1909931	33
3	E8, E35, E36	I.C. TYPE 7404	1909686	32
6	E13, E23, E26, E28, E30, E40	I.C. TYPE 7402	1909004	31
8	E42, E44, E45, E45, E45, E45	I.C. TYPE 7400	1905575	30
6	E1 THRU E6	I.C. TYPE 74161	1910650	29
4	E44, E48 THRU E50	I.C. TYPE 75452	1910645	28
1	C21	CRYSTAL, 2.88 MHz	1810674-3	27
2	E4, E12	POTENTIOMETER, 10K, 1/4W, 76A2	1309143-10	26
1	E19	RESISTOR, 20K, 1/4W, 5%	1309418	25
6	E13, E4, E7, E18, R55	RESISTOR, 100K, 5%, 1/4W, CC	1300229	24
1	E13	RESISTOR, 20K, 5%, 1/4W, CC	1302391	23
3	E5, E15, E17	RESISTOR, 10K, 5%, 1/4W, CC	1300479	22
1	E2	RESISTOR, 5K, 5%, 1/4W, CC	1301874	21
1	E44	RESISTOR, 3K, 5%, 1/4W, CC	1300432	20
4	E8, E9, E26, E40	RESISTOR, 1K, 5%, 1/4W, CC	1300365	19
2	E16, E16	RESISTOR, 470K, 5%, 1/4W, CC	1300316	18
17	E11, E20, E23, E25, E27, E28, E31, E33, E35, E37, E38, E41, E45, E45, E45, E51, E53	RESISTOR, 390K, 5%, 1/4W, CC	1300309	17
17	E10, E21, E22, E24, E28, E28, E32, E33, E34, E36, E38, E40, E46, E48, E50, E52, E54	RESISTOR, 100K, 5%, 1/4W, CC	1301322	16
1	D3	DIODE 6664	1100114	15
2	C33, C36	CAPACITOR, .022UF, 50V, 5% TANT	1002323	14
3	C37, C38, C26	CAPACITOR, 470PF, 100V, 5% NYLON	1009312	13
1	C31	CAPACITOR, 100PF, 100V, 5% DM	1000006	12
1	C32	CAPACITOR, 500PF, 100V, 5% DM	1000027	11
2	C34, C39	CAPACITOR, 500PF, 100V, 5% DM	1000025	10
1	C35	CAPACITOR, 330PF, 100V, 5% DM	1000023	9
1	C30	CAPACITOR, 100PF, 100V, 5% DM	1000020	8
3	C27 THRU C29	CAPACITOR, 6.2UF, 35V, 20% TANT	1000067	7
25	C1 THRU C25	CAPACITOR, .01UF, 50V, 5% DISC	1000610	6
3	TP1 THRU TP3	SPLIT LUG	900735	5
1		ETCHED CIRCUIT BOARD	5010066	4
		MODULE ECO HISTORY	B-NH-M746-B-4	3
		ASSY DRILLING HOLE LAYOUT	D-NH-M746-B-5	2
		X-Y COORDINATE HOLE LOCATION	K-00-M746-B-4	1

FIRST USED ON OPTION MODEL		ETCH BOARD REV		PARTS LIST		PART NO.		ITEM NO.	
RK8-E		B							
CHK	REV	DATE	BY	DATE	BY	DATE	BY	DATE	BY
DEC NO.		EIA NO.		DEC NO.		EIA NO.		REV.	
SEMICONDUCTOR CONVERSION CHART		D664		IN3606					
SCALE		2 OF		D664		IN3606		REV. 1	
SHEET		2 OF		D664		IN3606		REV. 1	

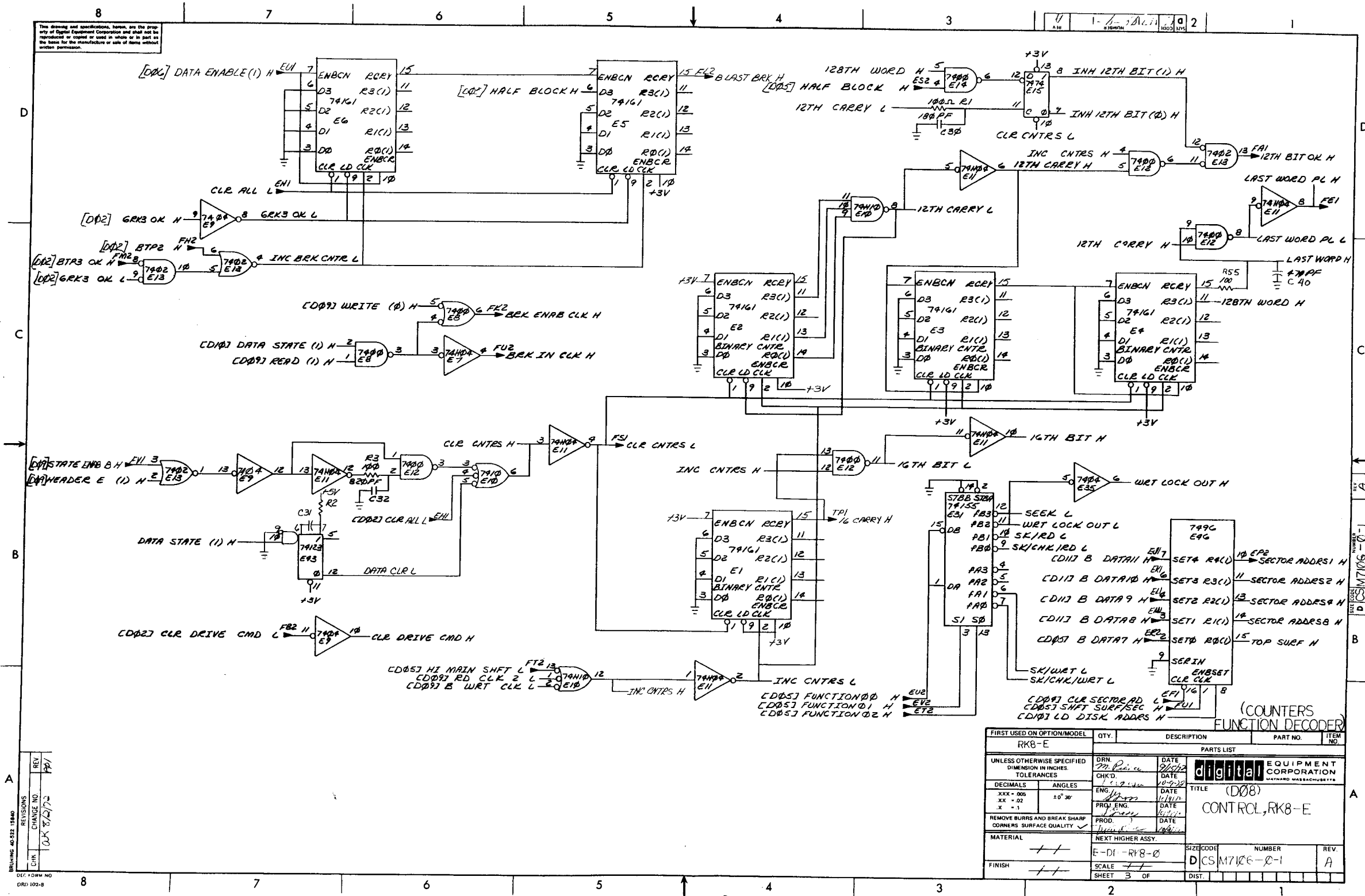
digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

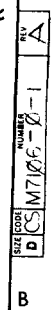
TITLE: CONTROL, RK8-E

SIZE CODE: D CS M746-E-1

NUMBER: 1

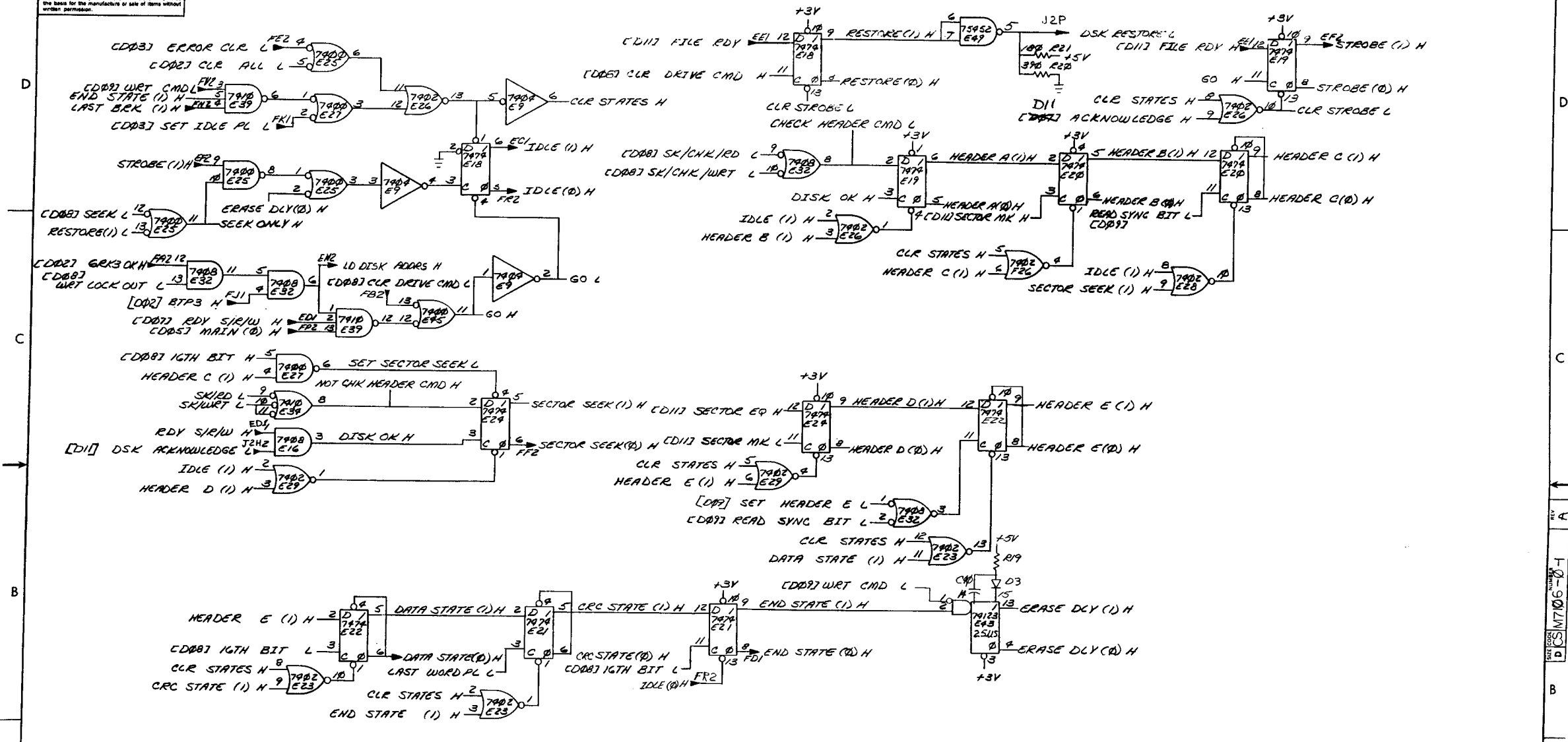
REV: 1





FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION		PART NO.		ITEM NO.
RK8-E			PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		DRN <i>2.00</i>	DATE <i>7-2-72</i>	digital EQUIPMENT CORPORATION WATNARD MASSACHUSETTS			
DECIMALS ANGLES		CHK'D <i>2-10-72</i>	DATE <i>8-2-72</i>				
.XX - .005 .XX - .02 X - .1	±0° 30'	ENG <i>2-10-72</i>	DATE <i>8-2-72</i>	TITLE <i>(D09)</i> CONTROL, RK8-E			
REMOVE BURRS AND BREAK SHAPE CORNERS SURFACE QUALITY ✓		PROJ. ENG. <i>2-10-72</i>	DATE <i>8-2-72</i>				
		PROD. <i>2-10-72</i>	DATE <i>8-2-72</i>				
MATERIAL		NEXT HIGHER ASSY.					
<i>++</i>		<i>B-11 - RK8-Ø</i>					
FINISH		SCALE <i>1/4" = 1"</i>		SIZE CODE		NUMBER	REV
<i>++</i>		SHEET <i>4</i> OF <i>4</i>		D <i>1710E-Ø-1</i>			<i>A</i>
				DIST			

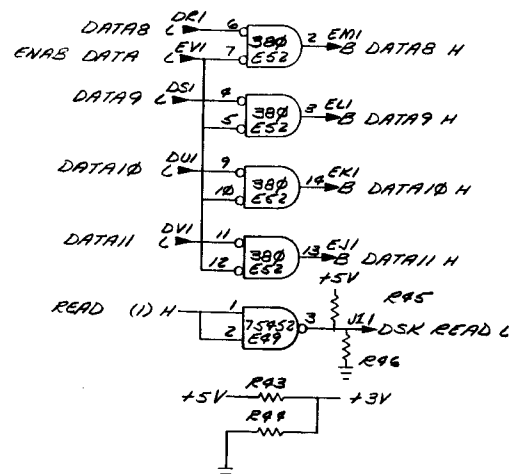
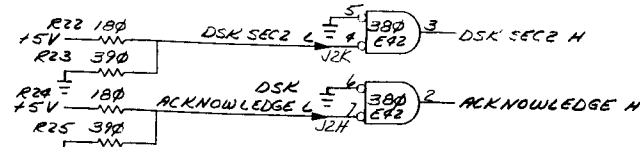
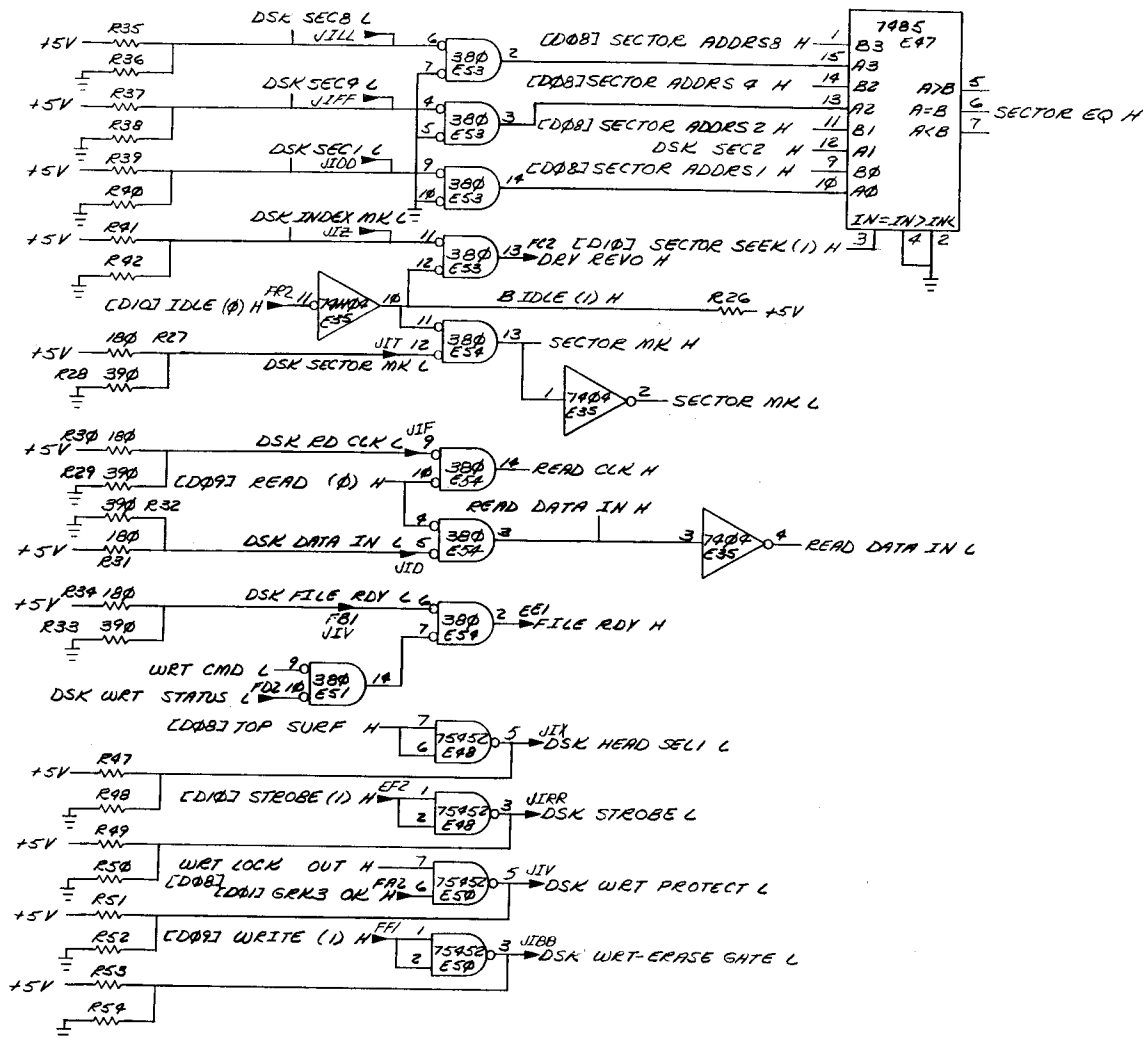
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(MAJOR STATES)

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-E				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES	DRN. <i>ad</i>	DATE 7-14-72	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DECIMALS	CHK'D.	DATE 10-4-72		
ANGLES	ENG. <i>ad</i>	DATE 10-4-72	TITLE (DI0) CONTROL, RK8-E	
.XXX - .005 .XX - .02 .X - .1	PROJ. ENG. <i>ad</i>	DATE 10-4-72		
REMOVE BURRS AND BREAK SHARP CORNERS. SURFACE QUALITY	PROD. <i>ad</i>	DATE 10-4-72	SIZE CODE DCS M7106-0-1	
MATERIAL	NEXT HIGHER ASSY.			
FINISH	B-DI-RKR-0		NUMBER A	
	SCALE			
	SHEET 5 OF		DIST.	

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J2		
UU	DSK CYL ADB L	ET1
SS	DSK CYL AD2 L	ER2
PP	DSK CYL AD9 L	EB2
MM	DSK CYL AD16 L	EC2
KK	DSK WRT CLK DATA L	E44-3
HH	DSK CYL AD12A L	EE2
EE	DSK RDY S/R/W L	EL2
CC	DSK CYL AD 32 L	EJ2
AA	DSK DRIVE 0 L	ED2
Y	DSK CYL AD1 L	ES1
W	DSK DRIVE 1 L	ER1
U	DSK CYL AD4 L	EN2
S	DSK DRIVE 2 L	EP1
P	DSK RESTORE L	E49-5
M	DSK DRIVE 3 L	EN1
K	DSK SEC2 L	E42-4
H	DSK ACKNOWLEDGE L	E42-7
E	DSK SEEK FAIL L	EC1
C	DSK CAPACITY EX L	FC1

J1		
D	DSK DATA IN L	ES4-5
F	DSK RD CLK L	ES4-9
V	DSK WRT PROTECT L	ES0-5
L	DSK READ L	E49-3
R	DSK WRT STATUS L	F02
T	DSK SECTOR MK L	ES4-12
X	DSK FILE RDY L	ES4-6
Q	DSK HEAD SEL1 L	E48-5
BB	DSK WRT-ERASE GATE L	ES3-11
DD	DSK SEC1 L	ES0-3
FF	DSK SEC4 L	ES3-9
LL	DSK SEC8 L	ES3-4
RR	DSK STROBE L	E48-3

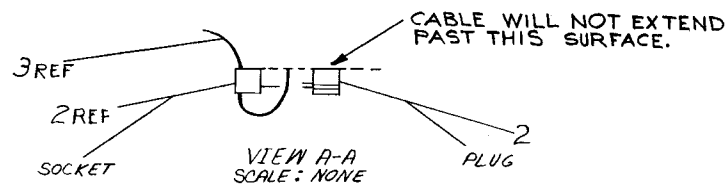
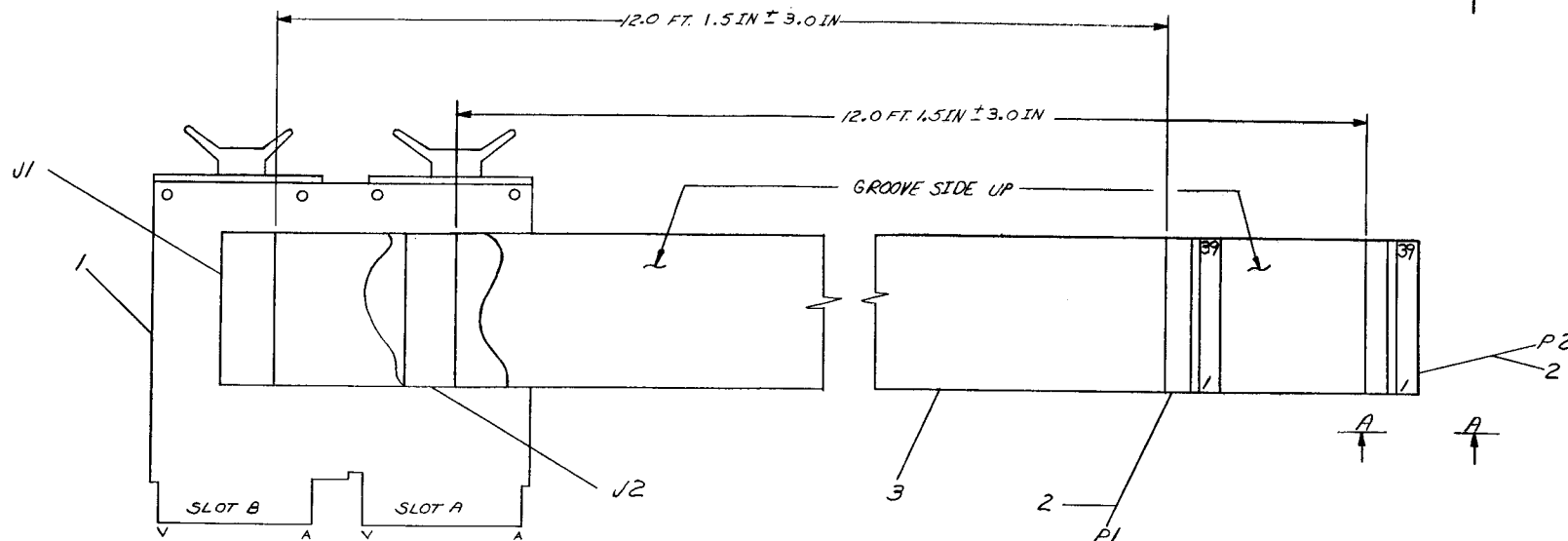
(DRIVE SIGNALS CABLE J2 DRIVERS)

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-E				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES				
DECIMALS	ANGLES	DATE	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
XXX + .005	± 0° 30'	CHK'D	TITLE (DIP) CONTROL, RK8-E	
XX - .02		END		
X - .1		PROJ. ENG.		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY				
MATERIAL				
NEXT HIGHER ASSY.				
FINISH				
SCALE				
SHEET 6 OF				
SIZE CODE				
NUMBER				
REV				
D/C S M 7106-0-1				
DIST.				

REV	1
CHANGE NO	1
CHK	OK
BRWING 40-322 18460	
DEC FORM NO	
ORD 107-B	

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- NOTES:
1. CABLE TO BE WIRED WITH GROOVE SIDE UP.
 2. WHEN ATTACHING CONN (ITEM #2) TO CABLE (ITEM #3) USE SCOTCHFLEX LOCATOR PLATE #3443-24 AND SCOTCHFLEX ASSY. PRESS #344-5 FROM 3M COMPANY.
 3. TAPE CABLE EVERY 1.5 FEET.



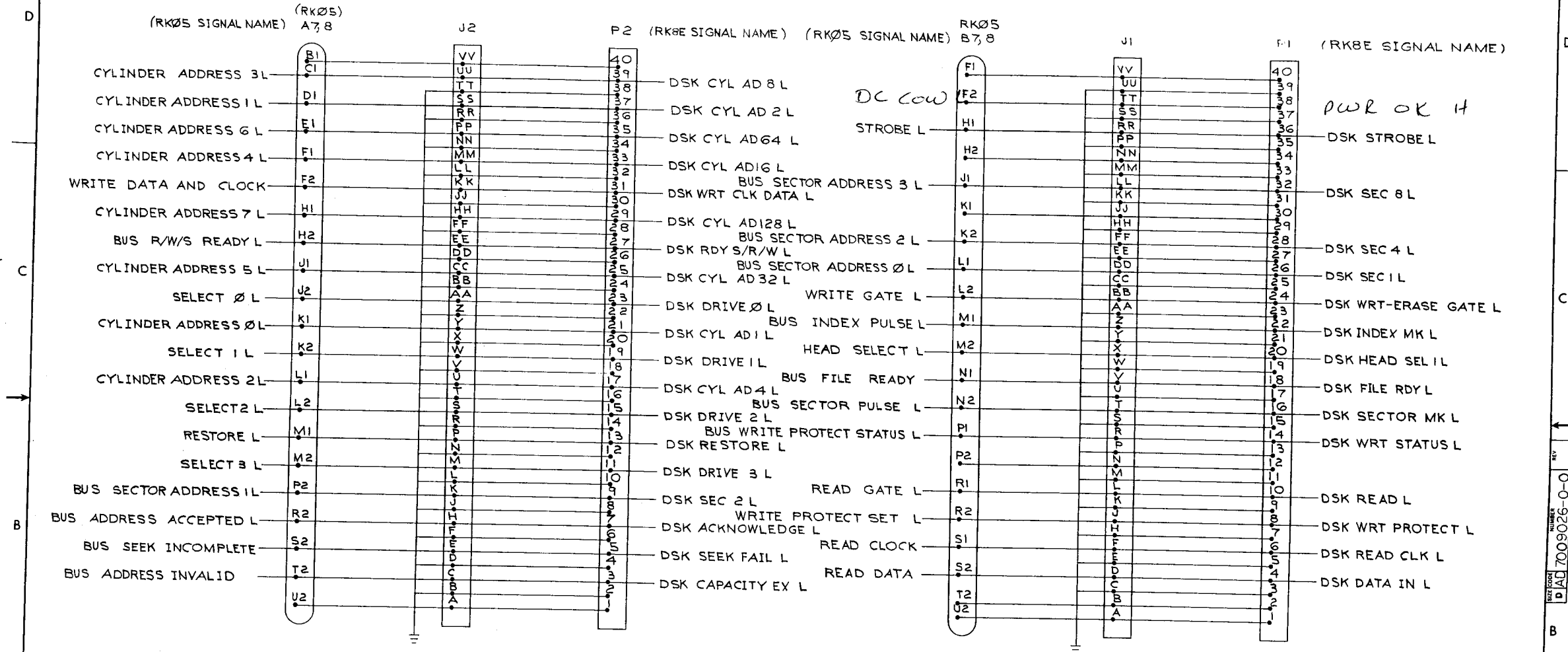
A/R	TAPE, ELECTRICAL WHI	9008880	4
2	CABLE 40 CONDUCTOR 30 AWG	910777-01	3
2	SCOTCHFLEX CONN #3443-24	12/1206	2
1	RK8-E CONTROL CABLE MOD CS-MR33-A-1		1

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-E				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		DRN. 7/1/72	DATE 8/1/72	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS
DECIMALS ANGLES		CHK'D.	DATE	
.XXX = .005 .XX = .02 X = .1		ENG.	DATE	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		PROD. ENG.	DATE	
MATERIAL		PROD.	DATE	
FINISH		NEXT HIGHER ASSY.		
		D-UA-RK8-E-0		SIZE CODE
		SCALE NONE		NUMBER
		SHEET 1 OF 2		REV.

TITLE
CONTROL CABLE
ASSY

D AD 7009026 -0-0

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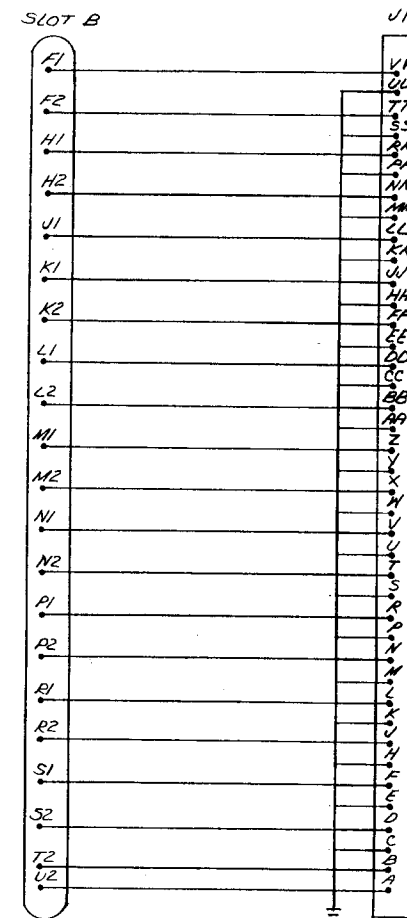


BRUNING 40-532 15840
REV
CHANGE NO
LINK
DEC FORM NO
OND 102-B

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-E				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES	DRN	DATE	PARTS LIST	
DECIMALS	CHK'D	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
ANGLES	ENG	DATE	TITLE	
XXX = .006	PROD. ENG.	DATE	CONTROL CABLE ASSY.	
XX = .02	PROD.	DATE	SIZE CODE	
X = .1	REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	DATE	NUMBER	
MATERIAL	NEXT HIGHER ASSY.		DAD 7009026-0-0	
FINISH	SCALE			



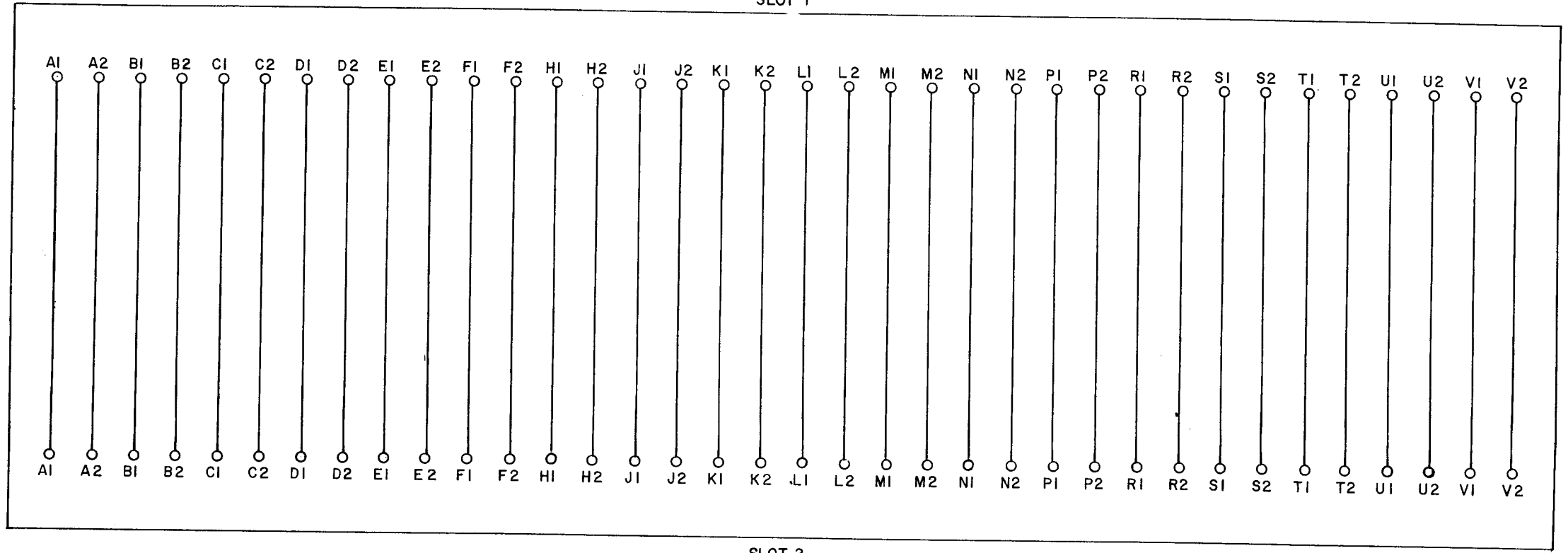
SIZE CODE	NUMBER	REV.
D D	CS-M993-0-1	



FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-E			PARTS LIST		
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN. <i>DR. Police</i>	DATE <i>01/17/72</i>	 DIGITAL EQUIPMENT CORPORATION WATFORD, MASSACHUSETTS	
		CHK'D. <i>DR. Police</i>	DATE <i>01/17/72</i>		
		PROD. ENG. <i>DR. Police</i>	DATE <i>01/17/72</i>		
DECIMALS	ANGLES	TITLE		RK8 CONTROL CABLE MODULE	
.XXX = .006	±0° 30'				
.XX = .02					
.X = .1					
REMOVE BURRS AND BREAK SHARP CORNERS. SURFACE QUALITY ☒		PROD. <i>RK</i>	DATE <i>10-13-72</i>		
MATERIAL		NEXT HIGHER ASSY.			
<i>+</i>		D-AD 7009026 0-0		SIZE CODE	NUMBER
FINISH		SCALE		REV.	
<i>+</i>		SHEET <i>3</i> OF <i>3</i>		D/C <i>M93-0-1</i>	
		DIST.			

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CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY.
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SLOT 1



SLOT 2

UNLESS OTHERWISE INDICATED:
CONNECTOR IS A 1210152

REVISIONS	CHK	CHG NO.	REV.				
	B	00002	B				
	P. GARDNER						
	J. GARDNER						
DRN. Jeanne french		DATE 7/29/70	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE EDGE CONNECTOR H851			
CHK'D		DATE 1-29-71					
ENG		DATE 1-29-71					
PROD.		DATE					
TRANSISTOR & DIODE CONVERSION CHART				SIZE B	CODE CS	NUMBER H851-0-1	REV. B
DEC EIA DEC EIA				PRINTED CIRCUIT REV. C			

THIS IS PRINT SET

x				
---	--	--	--	--

T

C-MU-RK05-0-2
D-CS-G180-0-1
D-CS-M7700-0-1
D-CS-M7702-0-1
D-CS-M7701-0-1
D-CS-G938-0-1
D-CS-H604-0-1
D-CS-5409698-0-1
D-CS-5409574-0-1
D-BD-RK05-0-1
K-WL-RK05-0-3
A-AL-RK05-0-17

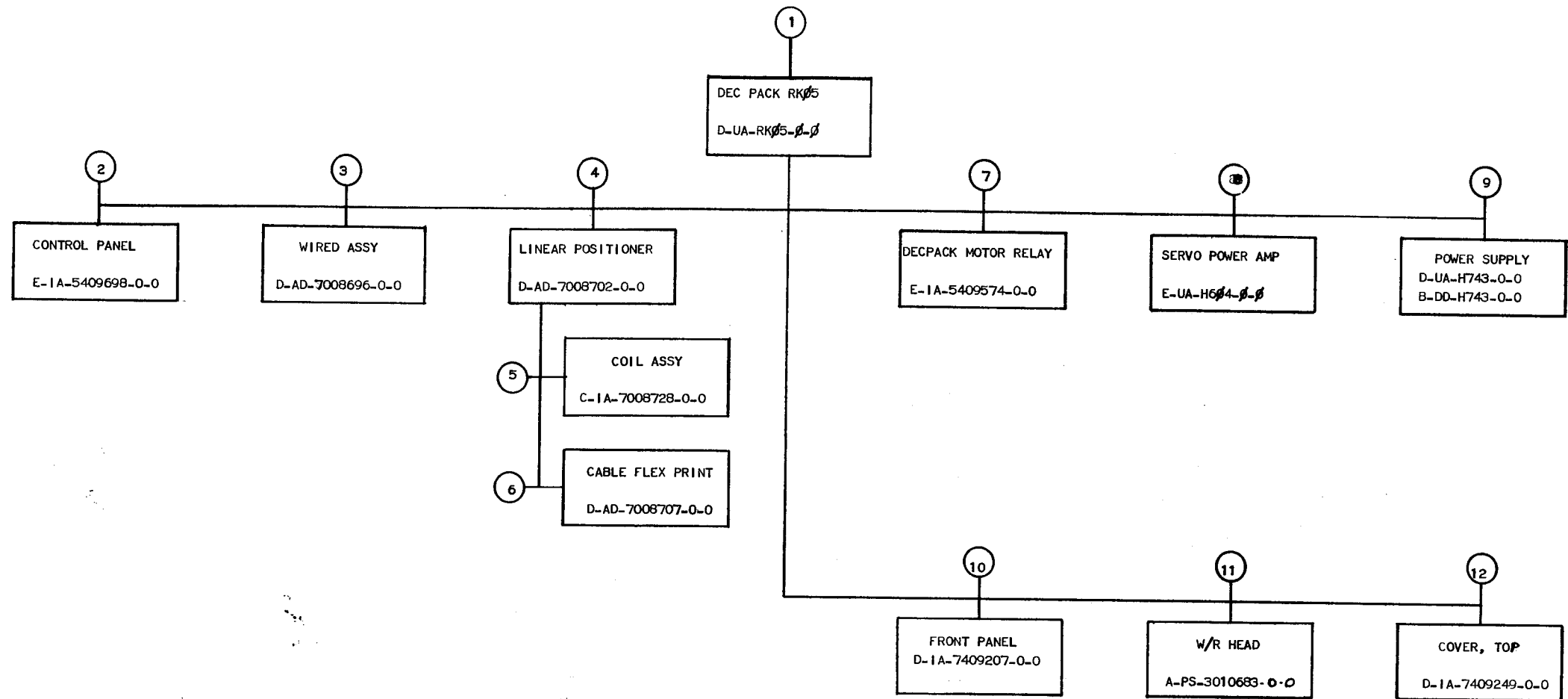
PRINT SET TYPE

[illegible]

REVISIONS			
DATE	CHG. NO.	REV	
08/11/14	RK05-14	A	
08/11/14	RK05-16	B	
08/11/14	RK05-23	C	

1977/8

5



TITLE		SIZE CODE		NUMBER	REV
DECPACK ASSY		B	DD	RK05-0	C
SHEET 2 OF 5					

DIGITAL EQUIPMENT CORPORATION WORLD-WIDE SALES AND SERVICE

146 Main Street, Maynard, Massachusetts, U.S.A. 01754
Telephone: From Metropolitan Boston: 646-8600 • Elsewhere: (617)-897-5111
TWX: 710-347-0212 Cable: DIGITAL MAYN Telex: 94-8457

UNITED STATES

NORTHEAST

REGIONAL OFFICE
275 Wyman Street, Waltham, Massachusetts 02154
Telephone: (617)-890-0320/0330 TWX: 710-324-6919

WALTHAM

15 Lunda Street, Waltham, Massachusetts 02154
Telephone: (617)-891-1030 TWX: 710-324-6919

CAMBRIDGE/BOSTON

899 Main Street, Cambridge, Massachusetts 02139
Telephone: (617)-491-6130 TWX: 710-320-1167

ROCHESTER

130 Allens Creek Road, Rochester, New York 14618
Telephone: (716)-461-1700 TWX: 710-253-3078

CONNECTICUT

240 Pomeroy Ave., Meriden, Conn. 06450
Telephone: (203)-237-8441/7466 TWX: 710-461-0054

MID-ATLANTIC — SOUTHEAST

REGIONAL OFFICE:

U.S. Route 1, Princeton, New Jersey 08540
Telephone: (609)-452-2940 TWX: 510-685-2338

NEW YORK

95 Cedar Lane, Englewood, New Jersey 07631
Telephone: (201)-871-4984, (212)-594-6955, (212)-736-0447
TWX: 710-991-9721

NEW JERSEY

1259 Route 46, Parsippany, New Jersey 07054
Telephone: (201)-335-3300 TWX: 710-987-8319

PRINCETON

U.S. Route 1
Princeton, New Jersey 08540
Telephone: (609)-452-2940 TWX: 510-685-2338

LONG ISLAND

1 Huntington Quadrangle
Suite 1507 Huntington Station, New York 11746
Telephone: (516)-694-4131, (212)-895-8095

PHILADELPHIA

Station Square Three, Paoli, Pennsylvania 19301
Telephone: (215)-647-4900/4410 Telex: 510-668-8395

WASHINGTON

Executive Building
6811 Kenilworth Ave., Riverdale, Maryland 20840
Telephone: (301)-779-1600/752-8787 TWX: 710-826-9662

DURHAM/CHAPEL HILL

2704 Chapel Hill Boulevard
Durham, North Carolina 27707
Telephone: (919)-489-3347 TWX: 510-927-0912

ORLANDO

Suite 130, 7001 Lake Ellenor Drive, Orlando, Florida 32809
Telephone: (305)-851-4450 TWX: 810-850-0180

ATLANTA

2815 Clearview Place, Suite 100,
Atlanta, Georgia 30340
Telephone: (404)-451-3734/3735/3736 TWX: 810-757-4223

INTERNATIONAL

EUROPEAN HEADQUARTERS

Digital Equipment Corporation International Europe
81 Route de l'Aire
1211 Geneva 26, Switzerland
Telephone: 42 79 50 Telex: 22 683

MID-ATLANTIC — SOUTHEAST (cont.)

KNOXVILLE

6311 Kingston Pike, Suite 21E
Knoxville, Tennessee 37919
Telephone: (615)-588-6571 TWX: 810-583-0123

CENTRAL

REGIONAL OFFICE:

1850 Frontage Road, Northbrook, Illinois 60062
Telephone: (312)-498-2500 TWX: 910-686-0655

PITTSBURGH

400 Penn Center Boulevard
Pittsburgh, Pennsylvania 15235
Telephone: (412)-243-9404 TWX: 710-797-3657

CHICAGO

1850 Frontage Road, Northbrook, Illinois 60062
Telephone: (312)-498-2500 TWX: 910-686-0655

ANN ARBOR

230 Huron View Boulevard, Ann Arbor, Michigan 48103
Telephone: (313)-761-1150 TWX: 810-223-6053

INDIANAPOLIS

21 Beachway Drive — Suite G
Indianapolis, Indiana 46224
Telephone: (317)-243-8341 TWX: 810-341-3436

MINNEAPOLIS

Suite 111, 8030 Cedar Avenue South,
Minneapolis, Minnesota 55420
Telephone: (612)-854-6562-3-4-5 TWX: 910-576-2818

CLEVELAND

Park Hill Bldg., 35104 Euclid Ave.
Willoughby, Ohio 44094
Telephone: (216)-946-8484 TWX: 810-427-2608

ST. LOUIS

Suite 110, 115 Progress Pky., Maryland Heights,
Missouri 63043
Telephone: (314)-878-4310 TWX: 910-764-0831

DAYTON

3101 Kettering Blvd., Dayton, Ohio 45439
Telephone: (513)-239-7377 TWX: 810-459-1876

MILWAUKEE

8531 W. Capitol Drive, Milwaukee, Wisconsin 53222
Telephone: (414)-463-9110 TWX: 910-262-1199

DALLAS

8855 North Stemmons Freeway
Dallas, Texas 75247
Telephone: (214)-638-4380 TWX: 910-861-4000

HOUSTON

3417 Milam Street, Suite A, Houston, Texas 77002
Telephone: (713)-524-2961 TWX: 910-881-1651

SWEDEN

Digital Equipment Aktiebolag

STOCKHOLM

Vretenvagen 2, S-171 54 Solna, Sweden
Telephone: 98 13 90 Telex: 170 50
Cable: Digital Stockholm

CENTRAL (cont.)

NEW ORLEANS

3100 Ridgelake Drive, Suite 108
Metairie, Louisiana 70002
Telephone: 504-837-0257

WEST

REGIONAL OFFICE

310 Soquel Way, Sunnyvale, California 94086
Telephone: (408)-735-9200

ANAHEIM

801 E. Ball Road, Anaheim, California 92805
Telephone: (714)-776-6932/8730 TWX: 910-59-1189

WEST LOS ANGELES

1510 Cotner Avenue, Los Angeles, California 90025
Telephone: (213)-479-3791/4318 TWX: 910-342-6993

SAN DIEGO

3444 Hancock Street
San Diego, California 92110
Telephone: (714)-298-0591, 0593 TWX: 910-373-1230

SAN FRANCISCO

1400 Terra Bella
Mountain View, California 94040
Telephone: (415)-964-6200 TWX: 910-373-1266

PALO ALTO

560 San Antonio Rd., Palo Alto, California 94306
Telephone: (415)-969-6200 TWX: 910-373-1266

OAKLAND

7850 Edgewater Drive
Oakland, California 94621
Telephone: (415)-635-5453/7830 TWX: 910-373-1266

ALBUQUERQUE

6303 Indian School Road, N.E.
Albuquerque, N.M. 87110
Telephone: (505)-296-5411/5428 TWX: 910-989-0614

DENVER

2305 South Colorado Blvd., Suite #5
Denver, Colorado 80222
Telephone: (303)-757-3332/758-1656/758-1659
TWX: 910-931-2650

SEATTLE

1521 130th N.E., Bellevue, Washington 98005
Telephone: (206)-454-4058/455-5404 TWX: 910-443-2306

SALT LAKE CITY

431 South 3rd East, Salt Lake City, Utah 84111
Telephone: (801)-328-9838 TWX: 910-925-5834

PHOENIX

4358 East Broadway Road
Phoenix, Arizona 85040
Telephone: (602)-268-3488 TWX: 910-950-4691

PORTLAND

Suite 168
5319 S.W. Canyon Court, Portland, Ore. 97221
Telephone: (503)-297-3761/3765

NEW ZEALAND

Digital Equipment Corporation Ltd.

AUCKLAND

Hilton House, 430 Queen Street, Box 2471 A,
Auckland, New Zealand
Telephone: 75-5333

INTERNATIONAL (cont.)

FRANCE

Equipment Digital S.A.R.L.

PARIS

327 Rue de Charenton, 75 Paris 12ème, France
Telephone: 344-76-07 Telex: 21339

GRENOBLE

10 rue Auguste Ravier, F-38 Grenoble, France
Telephone: (78) 87 87 32 Telex: 32 882 F (Code 212)

GERMANY

Digital Equipment GmbH

MUNICH

8 Muenchen 13, Wallensteinplatz 2
Telephone: 0811-35031 Telex: 524-226

COLOGNE

5 Koeln, Bismarckstrasse 7,
1211 Geneva 26, Switzerland
Telex: 888-2269
Telegram: Flip Chip Koeln

FRANKFURT

6078 Neu-Isenburg 2
Am Forsthaus Gravenbruch 5-7
Telephone: 06102-5526 Telex: 41-76-82

HANNOVER

3 Hannover, Podbielskistrasse 102
Telephone: 0511-69-70-95 Telex: 922-952

AUSTRIA

Digital Equipment Corporation Ges.m.b.H.

VIENNA

Mariahilferstrasse 136, 1150 Vienna 15, Austria
Telephone: 85 51 86

UNITED KINGDOM

Digital Equipment Co., Ltd.

U.K. HEADQUARTERS

Arkwright Road, Reading, Berks.
Telephone: 0734-583555 Telex: 84327

READING

The Evening Post Building, Tessa Road
Reading, Berks.

BIRMINGHAM

29/31, Birmingham Road, Sutton Coldfield, Warwicks.
Telephone: (0044) 21-355 5501 Telex: 337 060

MANCHESTER

13 Upper Precinct, Walkden, Manchester M28 5AZ
Telephone: 061-790-8411 Telex: 668666

LONDON

Bilton House, Uxbridge Road, Ealing, London W.5.
Telephone: 01-579-2334 Telex: 22371

EDINBURGH

Shiel House, Craigshill, Livingston,
West Lothian, Scotland
Telephone: 32705 / Telex: 727113

NETHERLANDS

THE HAGUE

Digital Equipment N.V.
Sir Winston Churchilllaan 370
Rijswijk/The Hague, Netherlands
Telephone: 070-995-160 Telex: 32533

BELGIUM

BRUSSELS

Digital Equipment N.V./S.A.
108 Rue D'Arlon
1040 Brussels, Belgium
Telephone: 02-138256 Telex: 25297

NORWAY

Digital Equipment

OSLO

c/o Firma Service
Waldenmarthanesgate 84-B-86
Oslo 1, Norway
Telephone: 37 19 85, 27 02 30 Telex: 166 43

DENMARK

Digital Equipment Corporation

COPENHAGEN

Vesterbrogade 140, 1620 Copenhagen V

SWITZERLAND

Digital Equipment Corporation S.A.

GENEVA

81 Route de l'Aire
1211 Geneva 26, Switzerland
Telephone: 42 79 50 Telex: 22 683

ZURICH

Scheuchzerstrasse 21
CH-8006 Zurich, Switzerland
Telephone: 01/60 35 66 Telex: 56059

ITALY

Digital Equipment S.p.A.

MILAN

Corso Garibaldi 49, 20121 Milano, Italy
Telephone: 872 748 694 394 Telex: 33615

SPAIN

MADRID

Ataio Ingenieros S.A., Enrique Larreta 12, Madrid 16
Telephone: 215 35 43 / Telex: 27249

BARCELONA

Ataio Ingenieros S.A., Ganduxer 76, Barcelona 6
Telephone: 221 44 66
Cable: Digital, Sydney

Digital Equipment Corporation Ltd.

AUSTRALIA

Digital Equipment Australia Pty. Ltd.

SYDNEY

P.O. Box 491, Crows Nest
N.S.W. Australia 3065
Telephone: 439-2566 Telex: AA20740
Cable: Digital, Sydney

MELBOURNE

60 Park Street, South Melbourne, Victoria, 3205
Telephone: 696-142 Telex: AA40616

PERTH

643 Murray Street
West Perth, Western Australia 6005
Telephone: 214-993 Telex: AA92140

BRISBANE

139 Merivale Street, South Brisbane
Queensland, Australia 4101
Telephone 444-047 Telex: AA40616

ADELAIDE

6 Montrose Avenue
Norwood, South Australia 5067
Telephone: 631-339 Telex: AA82825

CANADA

Digital Equipment of Canada, Ltd.

CANADIAN HEADQUARTERS

150 Rosamond Street, Carleton Place, Ontario
Telephone: (613)-257-2615 TWX: 610-561-1651

OTTAWA

120 Holland Street, Ottawa 3, Ontario K1Y 0X7
Telephone: (613)-725-2193 TWX: 610-562-8907

TORONTO

230 Lakeshore Road East, Port Credit, Ontario
Telephone: (416)-274-1241 TWX: 610-492-4306

MONTREAL

9675 Cote de Liesse Road
Dorval, Quebec, Canada 760
Telephone: 514-636-9393 TWX: 610-422-4124

EDMONTON

5531 - 103 Street
Edmonton, Alberta, Canada
Telephone: (403)-434-9333 TWX: 610-831-2248

VANCOUVER

Digital Equipment of Canada, Ltd.
2210 West 12th Avenue
Vancouver 9, British Columbia, Canada
Telephone: (604)-736-5616 TWX: 610-929-2006

ARGENTINA

BUENOS AIRES

Coasin S.A.
Virrey del Pino 4071, Buenos Aires
Telephone: 52-3185 Telex: 012-2284

VENEZUELA

CARACAS

Coasin S.A. (Sales only)
Apartado 50939
Salana Grande No. 1, Caracas
Telephone: 72-9637 Cable: INSTRUVEN

CHILE

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Coasin Chile Ltda. (sales only)
Casilla 14588, Correo 15, Santiago
Telephone: 396713 Cable: COACHIL

JAPAN

TOKYO

Rikei Trading Co., Ltd. (sales only)
Kozato-Kaikan Bldg.
No. 18-14, Nishi-Shimbashi 1-chome
Minato-Ku, Tokyo, Japan
Telephone: 5915246 Telex: 781-4208
Digital Equipment Corporation International
Kowa Building No. 17, Second Floor
2-7 Nishi-Azabu 1-Chome
Minato-Ku, Tokyo, Japan
Telephone: 404-5894/6 Telex: TK-6428

PHILIPPINES

Stanford Computer Corporation
P.O. Box 1608
416 Dasmariñas St., Manila
Telephone: 49-68-96 Telex: 742-0352

INDIA

H.S. Sonawala Mg Director (Sales Only)
HINDITRON SERVICES PUT LTD.
69/A Nepean Sea Road
Bombay, India