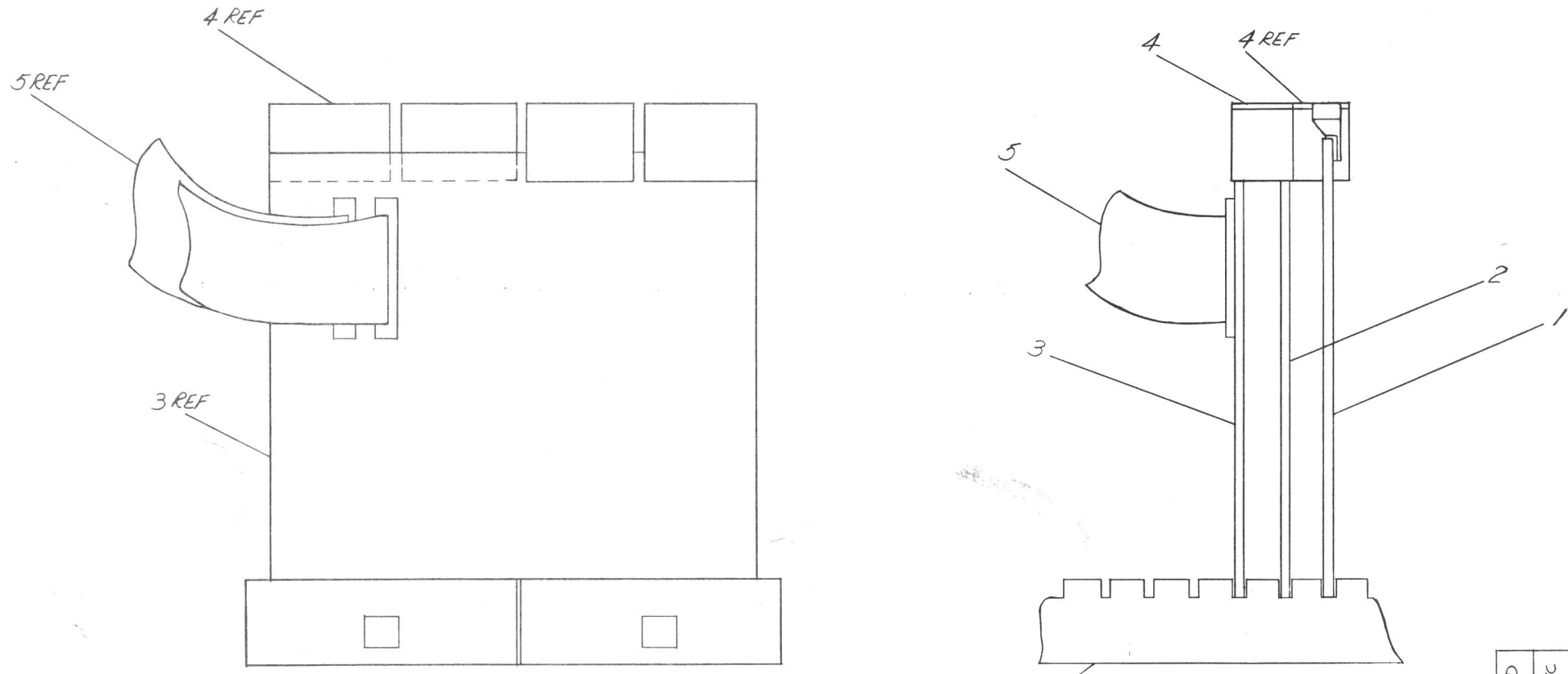


TITLE	SHEET	OF	SIZE	CODE	NUMBER	REV
RK8-F DISK & CONTROL	2	3	B	DD	RK8-F	

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0-F-8RK8-F-0 2 1



(DW8E I/O BUS CONVERTER/EXPANDER)

RK8-FD	RK8-FC	RK8-FB	RK8-FA	RK8-F	DESCRIPTION	PART NO.	ITEM NO.
1	-	-	-	-	DEC PACK DISK DRIVE 230 VAC 50 HZ	DUA-RK05B00	9
-	-	1	-	-	DEC PACK DISK DRIVE 230 VAC 60 HZ	DUA-RK05B00	8
-	1	-	-	-	DEC PACK DISK DRIVE 115 VAC 50 HZ	DUA-RK05AB0	7
-	-	-	1	-	DEC PACK DISK DRIVE 115 VAC 60 HZ	DUA-RK05AA0	6
1	1	1	1	1	M993 TO BERG	D-AD-700926-00	5
4	4	4	4	4	EDGE CONNECTOR	B-UP-H851-00	4
1	1	1	1	1	CONTROL, RK8-E	D-CS-M7106-01	3
1	1	1	1	1	MAJOR REGISTERS	D-CS-M7105-1B1	2
1	1	1	1	1	DATA BUFFER & STATUS	D-CS-M7104-1A1	1

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-F				

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRN: <i>D. Sullivan</i> DATE: 4-4-73	<p>digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS</p>
DECIMALS	CHK'D: <i>[Signature]</i> DATE: 5/24/73	
ANGLES	ENG: <i>[Signature]</i> DATE: 5/11/73	
XXX - .005	PROJ. ENG: <i>[Signature]</i> DATE: 8/11/73	
XX - .02	PROD: <i>[Signature]</i> DATE: 7/18/73	
X - .1		

MATERIAL	NEXT HIGHER ASSY.	SIZE CODE	NUMBER	REV.
FINISH	SCALE	DUA	RK8-F-0	*
	SHEET 1 OF 1	DIST.		

BRUNING 46-107 1586
 REVISIONS
 CHANGE NO. REV.
 DEC FORM NO. DRD 100-A

TITLE RK8F 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-YA TO INSURE THAT THE DEVICE code jumpers are in the correct configuration (normally 674X), refer to Table 1.

NOTE: The diagnostic programs normally recongnize 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-YB MODULE TO INSURE THAT THE PRIORITY jumpers are in the correct configuration, refer to Table 2.

SIZE A	CODE SP	NUMBER RK8-F-6	REV
-----------	------------	-------------------	-----

SHEET 3 OF 5

TITLE RK8F FIELD INSTALLATION AND ACCEPTANCE PROCEDURE

3.0 UNPACKING AND INSTALLATION (continued)

TABLE 2

<u>Break Priority</u>	<u>Jumpers Installed</u>
∅	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 RK8F modules into the Omnibus (refer to UA-RK8-F-∅). 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-F-∅).
- 3.9 Following the procedure in the RK05 Maintenance Manual, Chapter 2, install the RK05.
- 4.0 ACCEPTANCE
- 4.1 Requirements for Acceptance
- ASR33 teletype, or equivalent.
 - Programmers console.
 - 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 A	CODE SP	NUMBER RK8-F-6	REV
-----------	------------	-------------------	-----

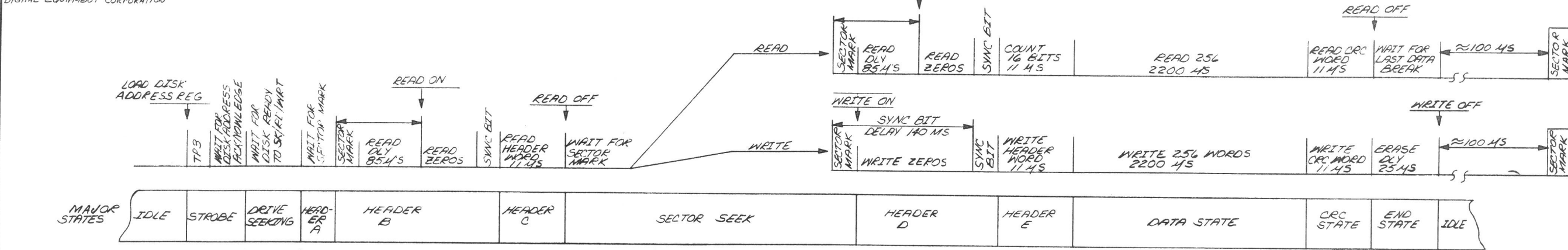
SHEET 4 OF 5

TITLE RK8F 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	CODE	NUMBER	REV
A	SP	RK8-F-6	

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IF "SEEK ONLY" GO TO IDLE AND SET DONE FLAG.
IF NOT A HEADER CHECK, GO TO SECTOR SEEK STATE.

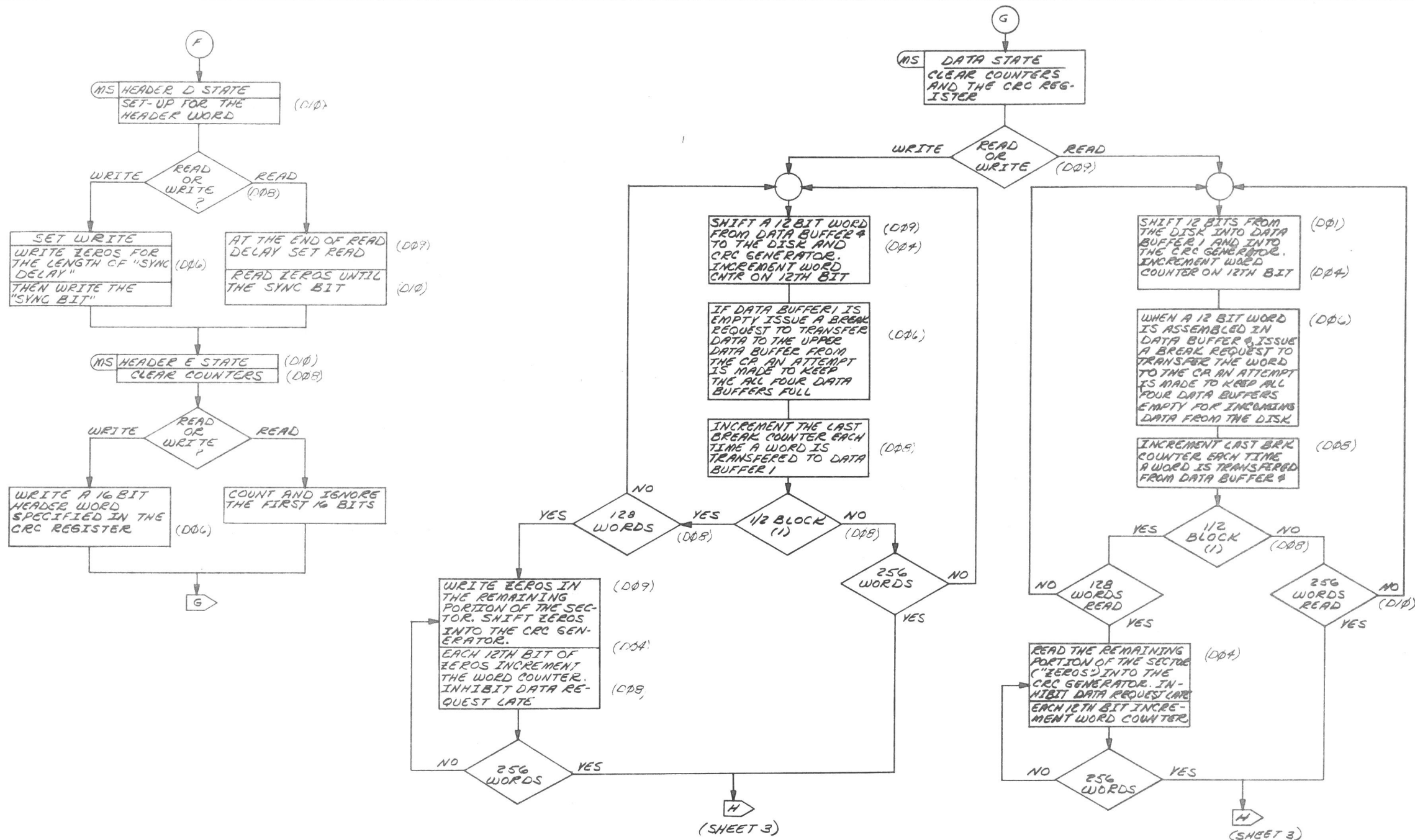
MAJOR STATE	FUNCTION	SEEK	SK/CHK/RD	SK/CHK/WRT	SK/RD	SK/WRT
IDLE	CONTROL IS NOT BUSY. WHEN THE GO COMMAND (FLAG) IS ISSUED THE C(AC) IS LOADED INTO THE CRC* AND SECTOR-SURFACE REGISTERS (DISK ADDRESS)	✓	✓	✓	✓	✓
STROBE	STROBE THE CYLINDER ADDRESS FROM THE C(AC) REGISTER TO THE DRIVE AND WAIT FOR THE DRIVE'S "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 FLOP 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 DELAY" 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/RD	SK/CHK/WRT	SK/RD	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.			✓		✓

REV	
CHG	
REVISIONS	
CHANGE NO.	

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-F				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DPN: <i>D Sullivan</i> DATE: 4-9-72 CHK'D: <i>John G. ...</i> DATE: 5/2/72 ENG: <i>...</i> DATE: 5/31/72 PROD. ENG.: <i>...</i> DATE: 4/3/72 PROD.: <i>...</i> DATE: 2/1/72		
DECIMALS: .xxx = .005 .xx = .02 .x = .1	ANGLES: ±0° 30'	TITLE: MAJOR STATES TIMING & FLOW digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓		MATERIAL: <i>+</i>	NEXT HIGHER ASSY: B-DD-RK8-F	SIZE CODE: D
		FINISH: <i>+</i>	SCALE: NONE	NUMBER: RK8-F-2
			SHEET: 1 OF 1	DIST.:

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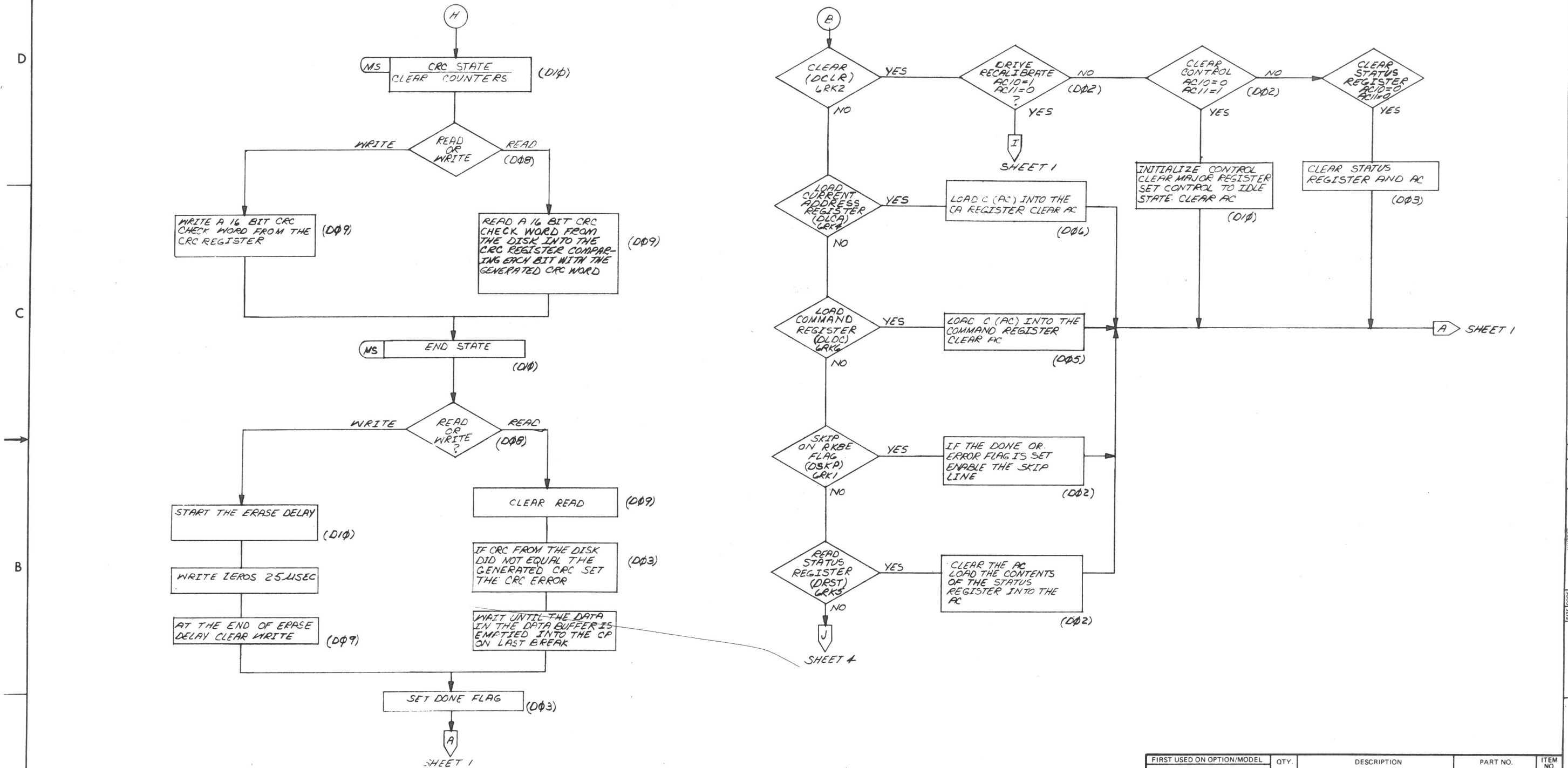


BRUNING 40-522 15840	REV
REVISIONS	CHANGE NO
CHK	

REV
NUMBER
D F D R K 8 - F - 1

FIRST USED ON OPTION/MODEL RK8-F	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES	DRN <i>D. Sullivan</i>	DATE 4.9.73	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DECIMALS .xxx = .005 .xx = .02 .x = .1	ENGR <i>John</i>	DATE 5/11/73	TITLE FLOW DIAGRAM (RK8-F)	
ANGLES ±0° 30'	PROV ENGR <i>John</i>	DATE 5/11/73	SIZE CODE D F D R K 8 - F - 1	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROP <i>John</i>	DATE 7/1/73	NUMBER *	
MATERIAL	NEXT HIGHER ASSY.	SCALE	REV.	
FINISH	B-10-RK8-F	SHEET 2 OF 4	DIST	

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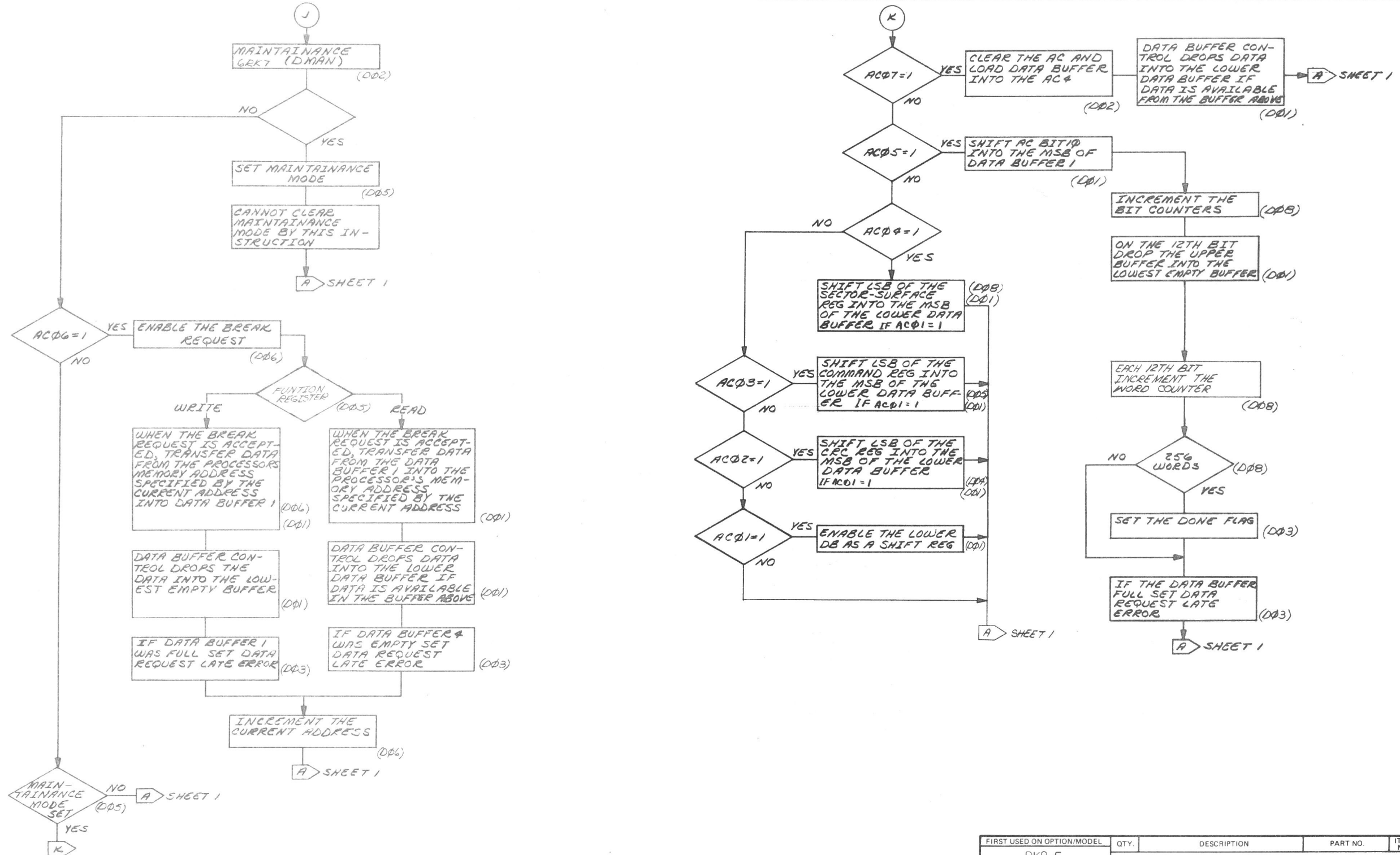


REV	
CHANGE NO	
CHK	

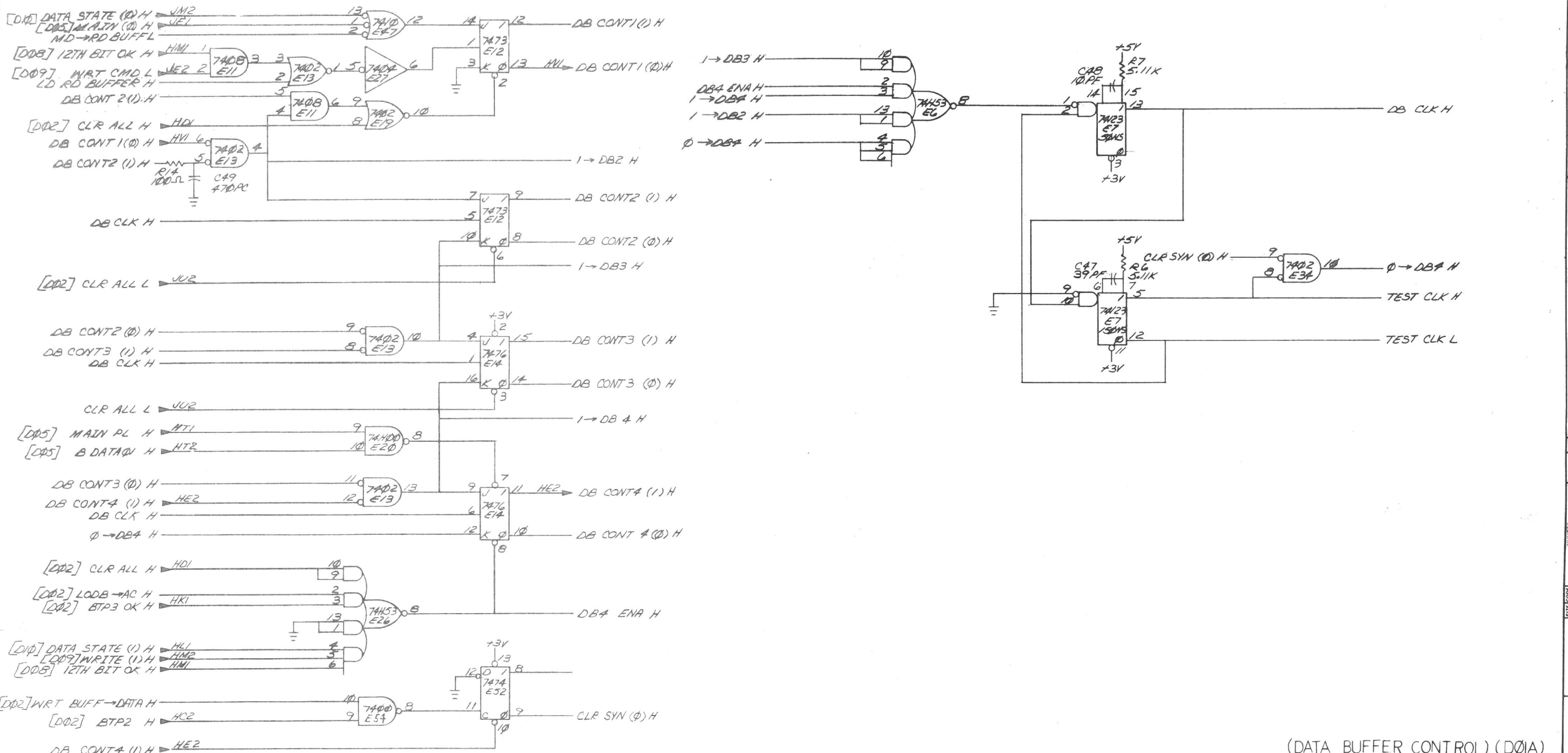
DEC FORM NO DRD 102-B

FIRST USED ON OPTION/MODEL RK8-F	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DATE 4-4-73	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS		
DECIMALS .XXX = .005 .XX = .02 .X = .1	ANGLES ±0° 30'	DATE 5/3/73	TITLE FLOW DIAGRAM (RK8-F)	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓	DATE 7/10/73	SIZE CODE NUMBER REV. D FDRK8-F-1 *		
MATERIAL	NEXT HIGHER ASSY.	SCALE	SHEET	3 OF 4

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(DATA BUFFER CONTROL) (D01A)

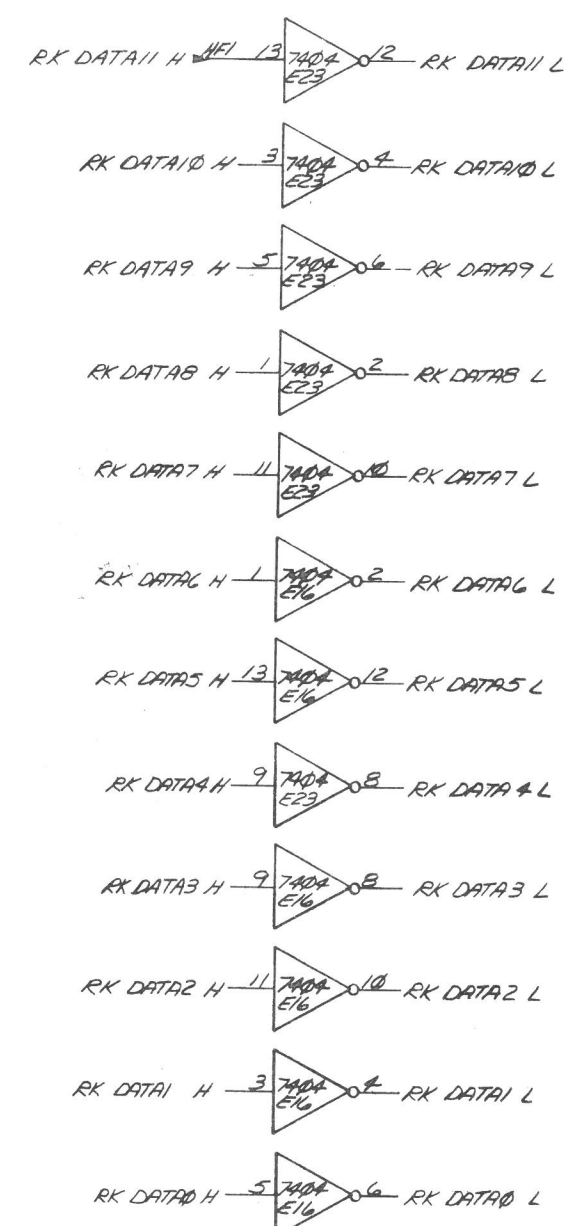
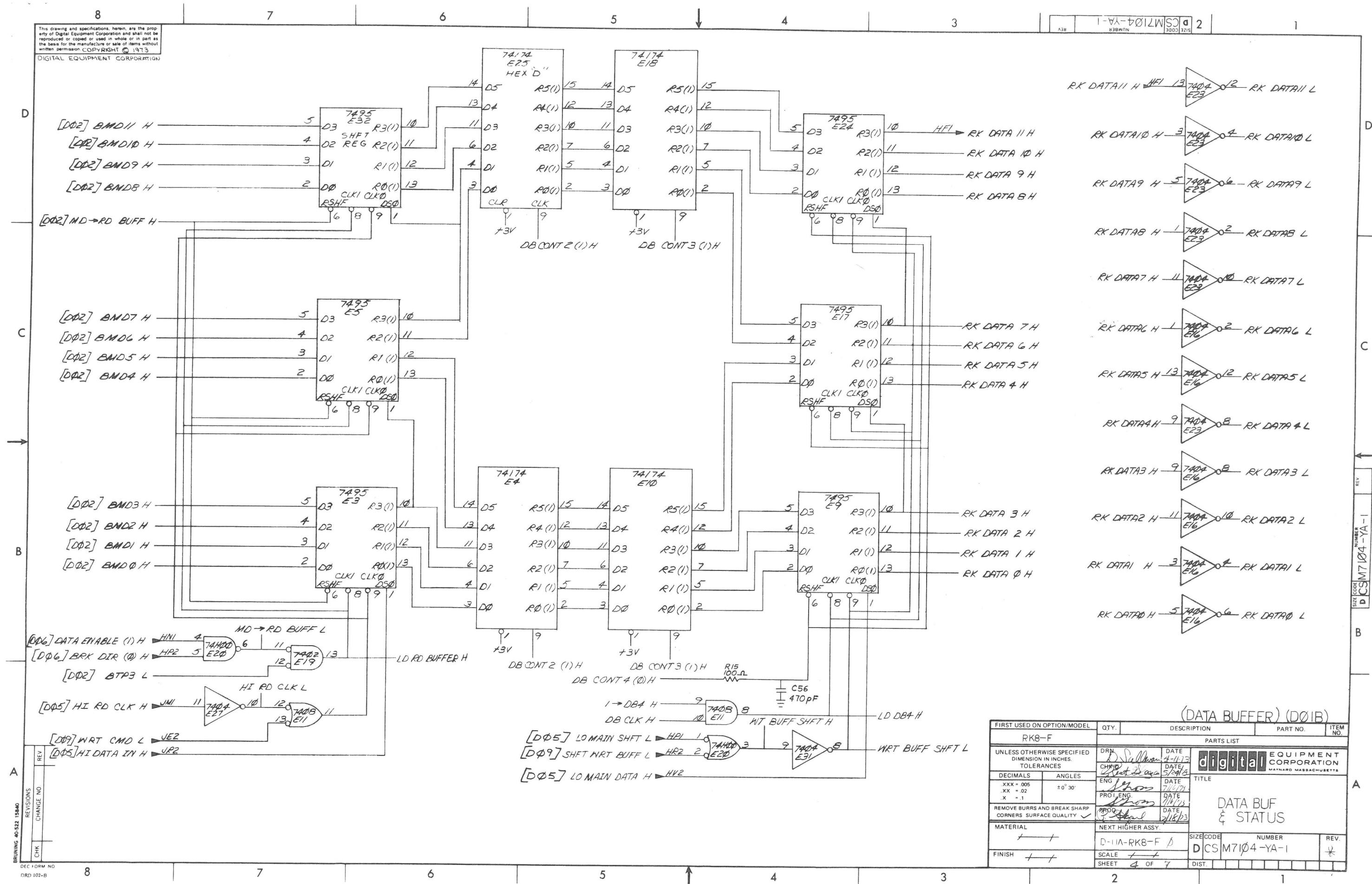
FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-F				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES.		DATE	digital EQUIPMENT CORPORATION MAYFORD MASSACHUSETTS	
TOLERANCES		9-11-73	TITLE DATA BUF & STATUS	
DECIMALS	ANGLES	DATE		
XXX = .005	±0° 30'	7/11/73		
.XX = .02		7/14/73		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		DATE	REV.	
		2/18/72	*	
MATERIAL	NEXT HIGHER ASSY.	SIZE CODE NUMBER		
++	F-11A-RK8-F 0	D CS M7104-YA-1		
FINISH	SCALE	DIST.		
++	3 OF 7			

REV	CHANGE NO

BRUNING 40-322 15640
DEC 1974
D01A-102-B

REV. NO. M7104-YA-1

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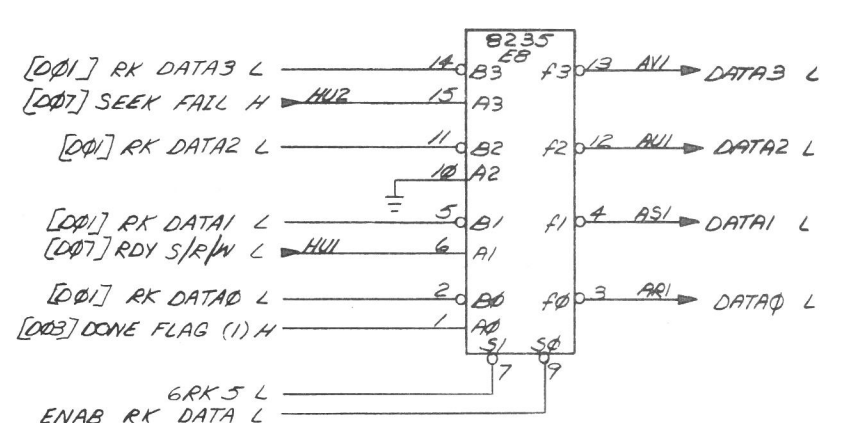
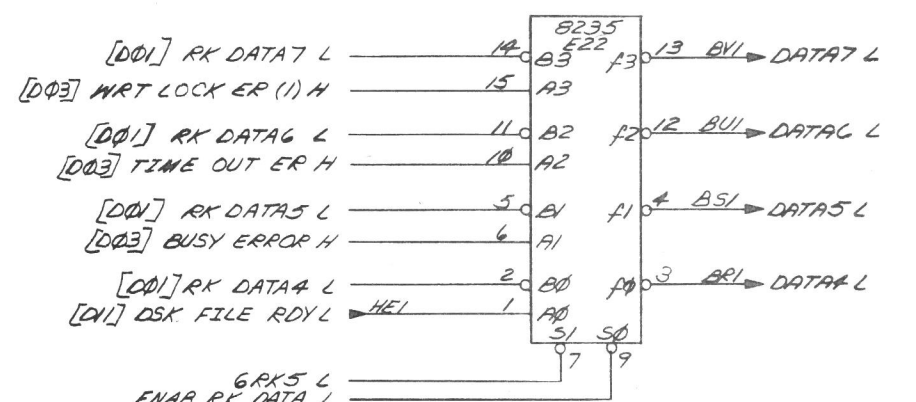
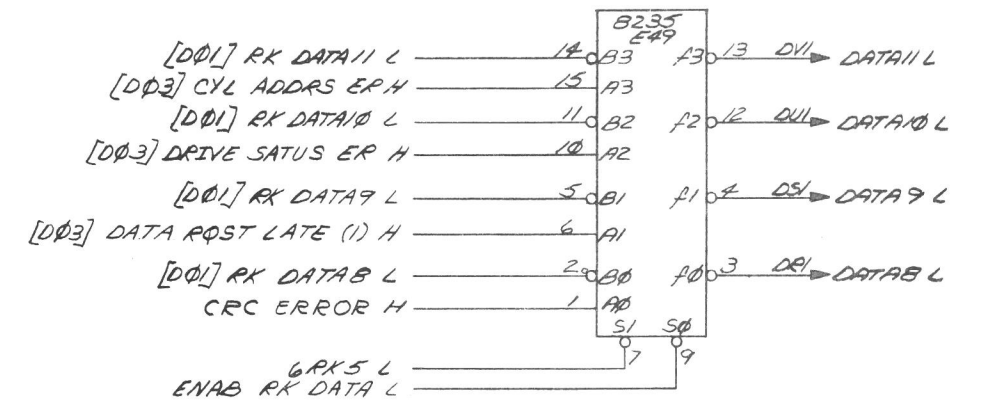
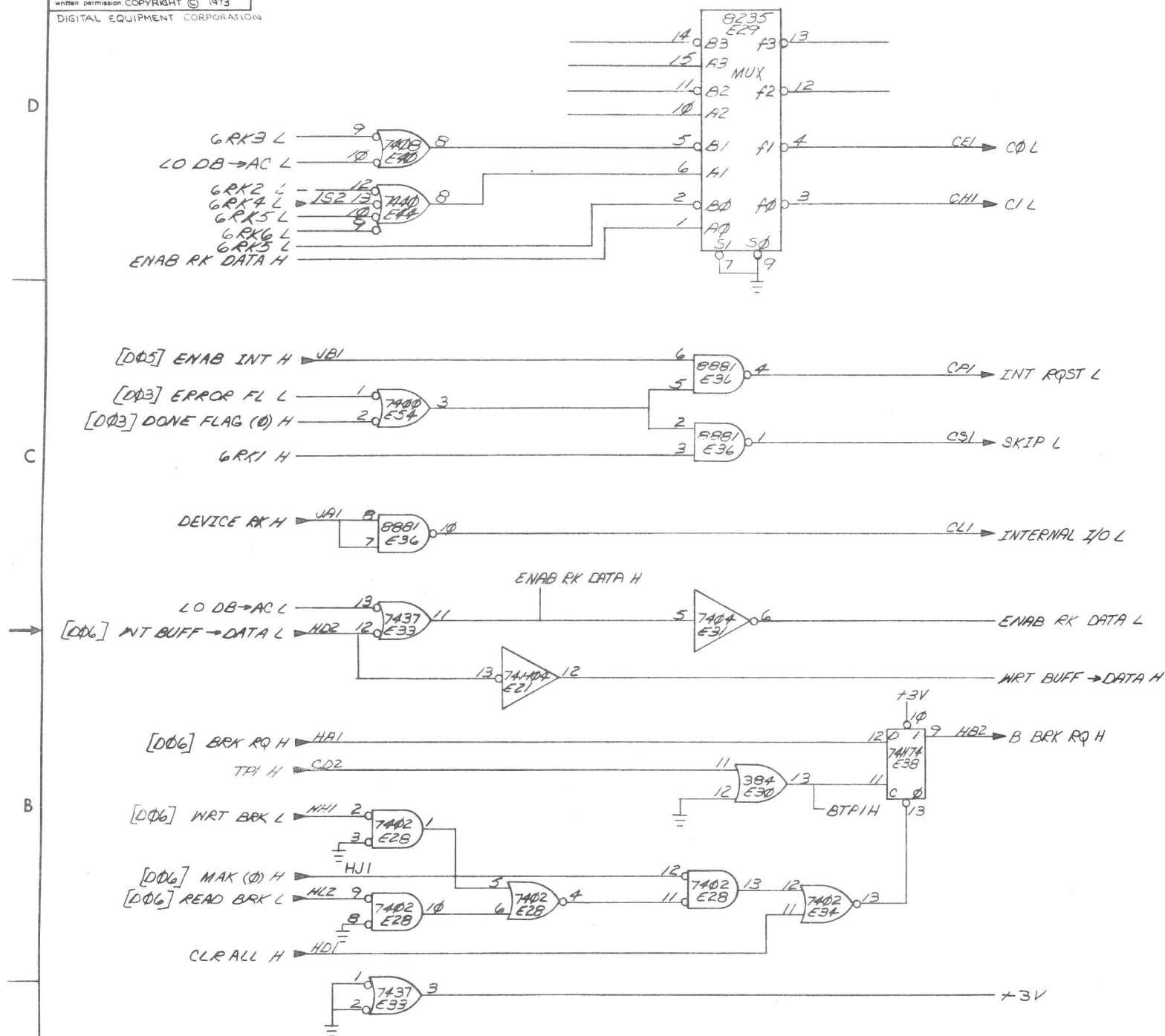


BRUNING 40-522 15840
DEC FORM NO DED 102-B

REV	CHANGE NO.

FIRST USED ON OPTION/MODEL RK8-F	QTY.	DESCRIPTION	PART NO.	ITEM NO.									
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES													
DECIMALS .xxx = .005 .xx = .02 .x = .1	ANGLES ±0° 30'	PARTS LIST											
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	<table border="1"> <tr> <td>DRN</td> <td>DATE</td> <td rowspan="4"> </td> </tr> <tr> <td>CHKD</td> <td>DATE</td> </tr> <tr> <td>ENG</td> <td>DATE</td> </tr> <tr> <td>PROJ. ENG.</td> <td>DATE</td> </tr> </table>				DRN	DATE		CHKD	DATE	ENG	DATE	PROJ. ENG.	DATE
DRN	DATE												
CHKD	DATE												
ENG	DATE												
PROJ. ENG.	DATE												
MATERIAL	NEXT HIGHER ASSY.	TITLE DATA BUF & STATUS											
FINISH		SIZE CODE D-11A-RK8-F	NUMBER CS M7104-YA-1	REV. *									
SHEET 4 OF 7		DIST.											

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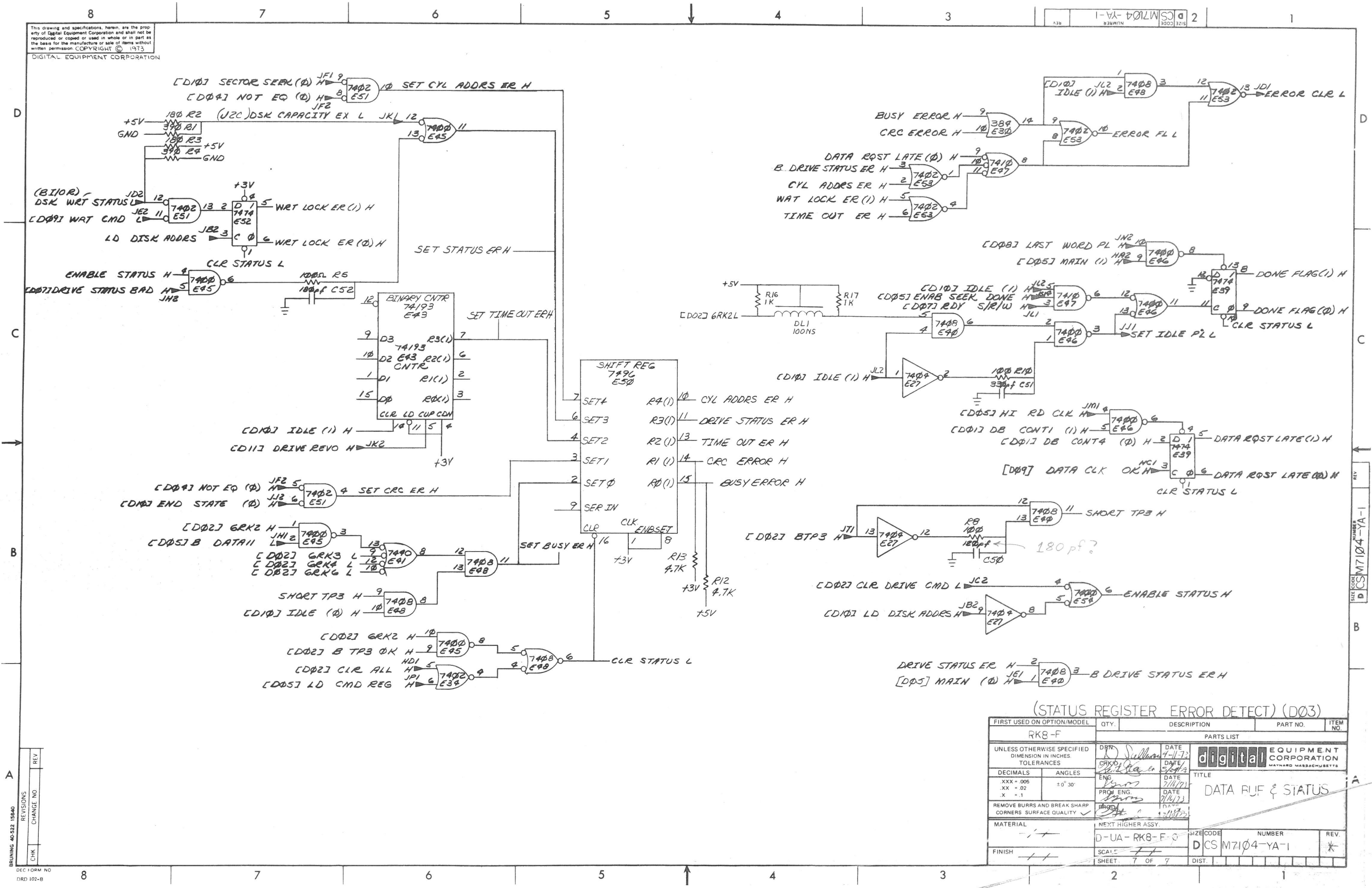


REV	
CHANGE NO	
CHK	

(OMNIBUS DRIVERS)(D02A)

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RKB-F				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED	DRY	DATE	digital EQUIPMENT CORPORATION	
DIMENSION IN INCHES	DATE	WATUARD, MASSACHUSETTS		
TOLERANCES	DATE	TITLE		
DECIMALS	ENG	DATE	DATA BUF & STATUS	
ANGLES	PROJ. ENG.	DATE		
.XXX = .005	PROB.	DATE		
.XX = .02	DATE	DATE		
.X = .1	DATE	DATE		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	DATE	DATE		
MATERIAL	NEXT HIGHER ASSY.	DATE		
FINISH	D-11A-RKE-F-y	DATE	SIZE CODE	NUMBER
	SCALE	DATE	D CS M7104-YA-1	REV.
	SHEET	DATE	DIST.	*
	5 OF 7	DATE		

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(STATUS REGISTER ERROR DETECT) (D03)

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-F				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		DRN	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS
DECIMALS ANGLES		CHKD	DATE	
.XXX = .005 .XX = .02 .X = .1		ENG	DATE	TITLE DATA BUF & STATUS
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		PROJ. ENG.	DATE	
MATERIAL		NEXT HIGHER ASSY.		FINISH
		D-UA-RK8-F-0		
SCALE		SHEET 7 OF 7		REV.
DIST.		D CS M7104-YA-1		

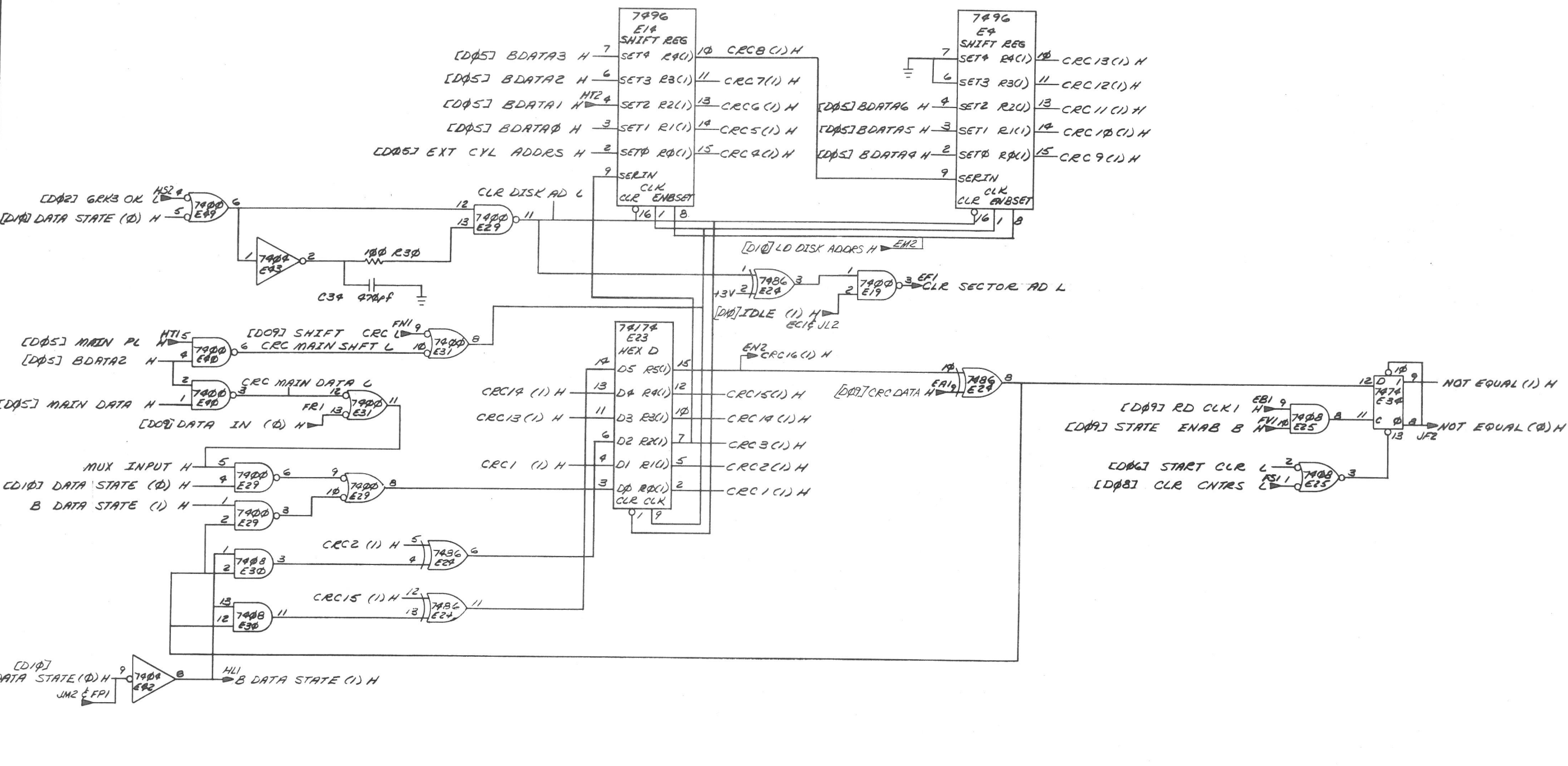
REV.	CHANGE NO.

DEC FORM NO. DRD 102-B

REV. 1
D CS M7104-YA-1

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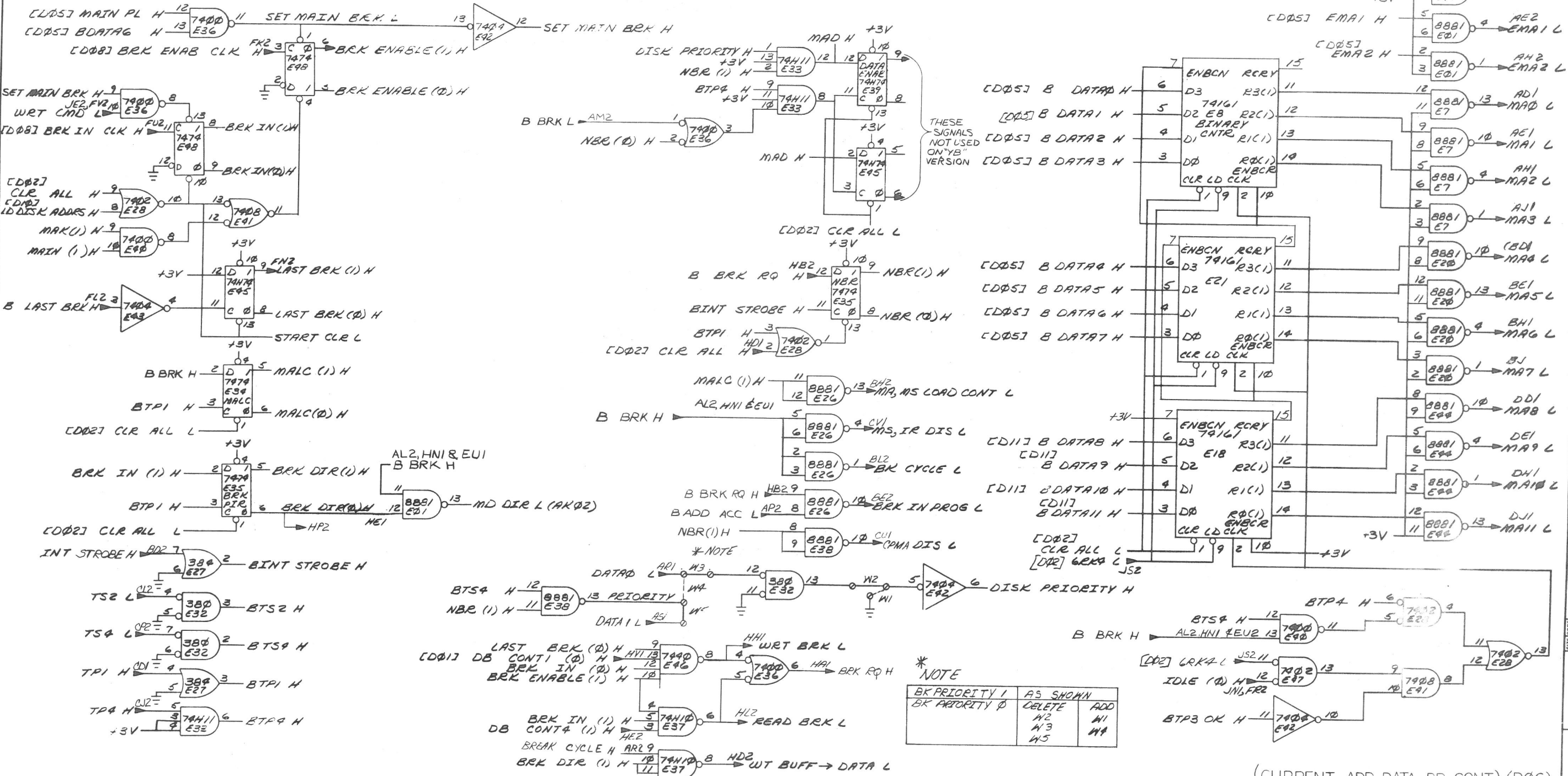
(CRC/DISK ADDRESS REG) (D04)

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-F				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES				
DECIMALS	ANGLES	PARTS LIST		
.xxx = .005	±0° 30'	DRW	DATE	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS
.xx = .02		CHKD	DATE	
.x = .1		ENG	DATE	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		PROJ. ENG.	DATE	
		PROD	DATE	
MATERIAL		NEXT HIGHER ASSY.		
FINISH		D-UA-RK8-F-0	SIZE CODE	NUMBER
		SCALE	DCS M7105-YB-1	REV.
		SHEET 3 OF 6	DIST.	B

BRUNING 40-522 15840
REVISIONS
CHANGE NO.
REV.

REV. B
DCS M7105-YB-1

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* NOTE

BK PRIORITY 1	AS SHOWN	ADD
BK PRIORITY 0	0/2	0/1
	0/3	0/4
	0/5	0/6

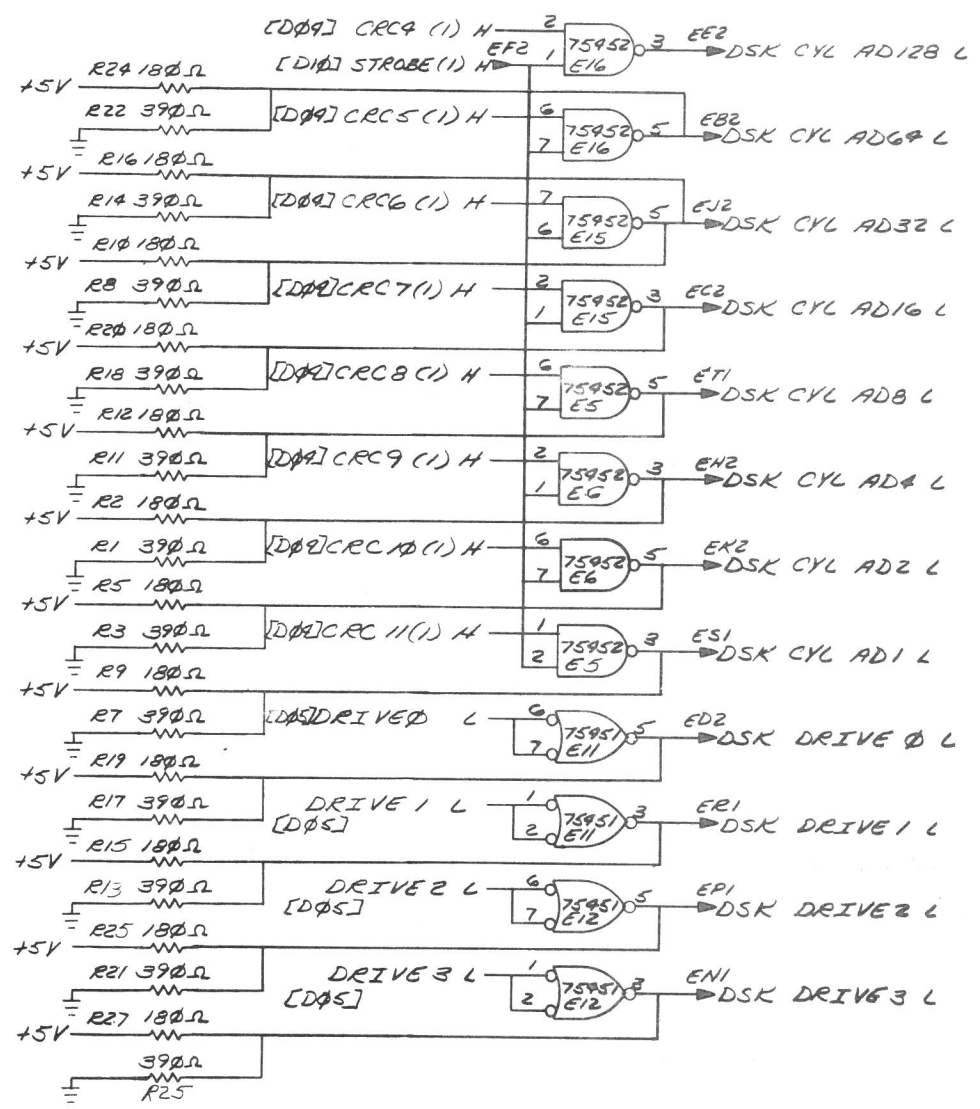
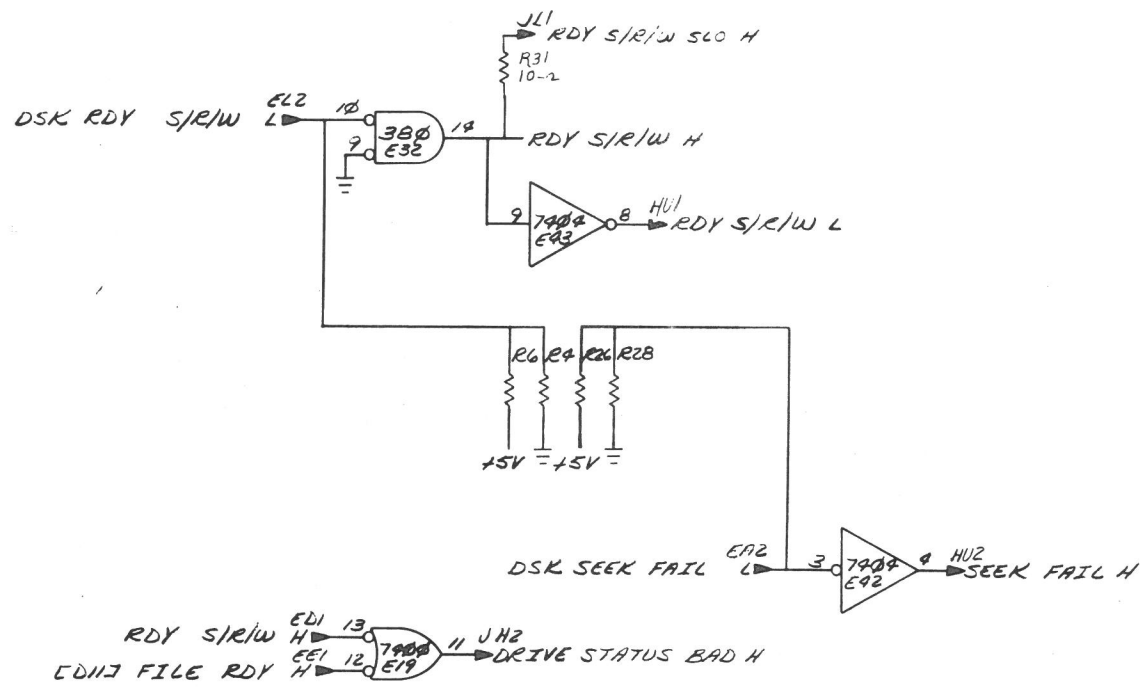
(CURRENT ADD DATA BR CONT.) (D06)

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-F				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES				
DECIMALS	ANGLES	PARTS LIST		
XXX - .005	±0° 30'	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS		
XX - .02		TITLE		
X - .1		MAJOR REGISTERS		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		MATERIAL		
		NEXT HIGHER ASSY.		
		FINISH		
		D UA-RK8-F-0		
		SCALE	SIZE CODE	NUMBER
		SHEET 5 OF 6	D CS M7105-YB-1	REV. B

BRUNING 40-532 15640
DEC FORM NO
DRD 102-B

REV. B
NUMBER
D CS M7105-YB-1

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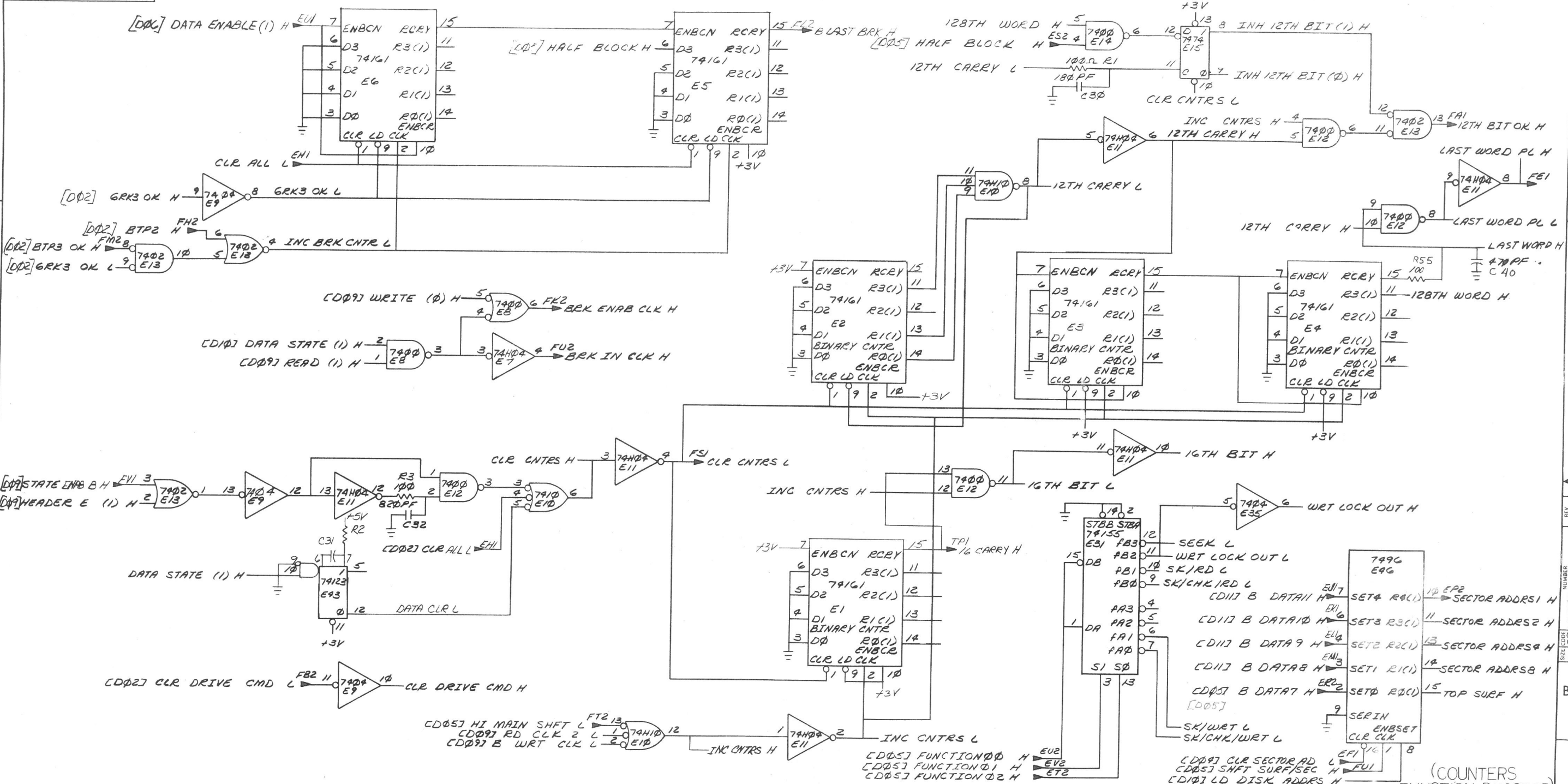


(DRIVE SIGNALS CABLE J1) (D07)

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-F				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		DRN	DATE	digital EQUIPMENT CORPORATION <small>MAYNARD MASSACHUSETTS</small>
DECIMALS	ANGLES	CHKD	DATE	
.XXX = .005	±0° 30'	ENG	DATE	
.XX = .02		PROD. ENG.	DATE	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓		PROD.	DATE	TITLE
MATERIAL		NEXT HIGHER ASSY.		MAJOR REGISTERS
FINISH		D-VA-RK8-F-0	SCALE	SIZE CODE
		SHEET 6 OF 6	DIST.	NUMBER
				REV.
				B

BRUNING 40-522 15840	REV
REVISIONS	NO
CHK	CHANGE NO
DEC FORM NO	DRD 102-B

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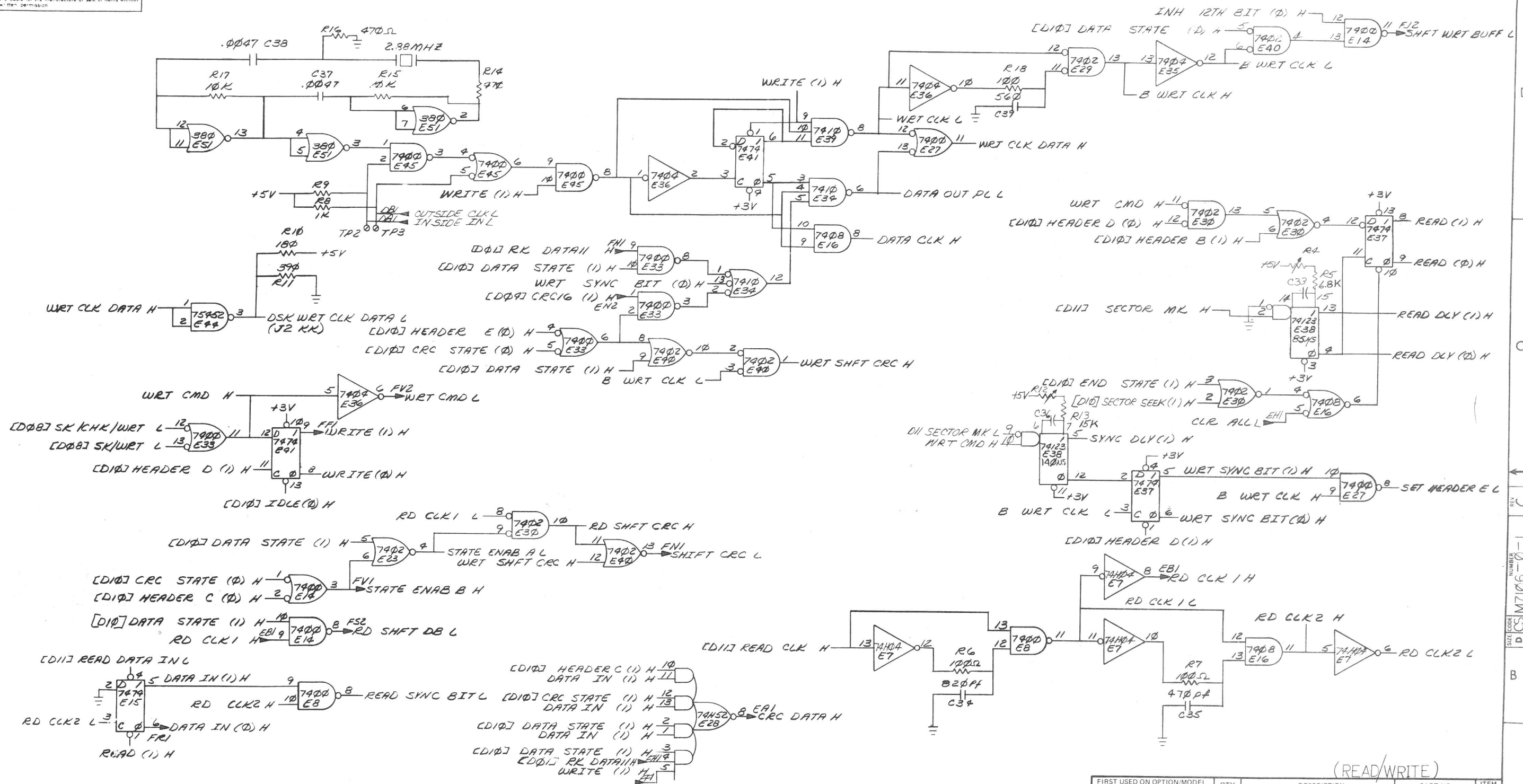


FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-E				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES				
DECIMALS	ANGLES	PARTS LIST		
.xxx = .005	±0° 30'	digital EQUIPMENT CORPORATION MAYARD, MASSACHUSETTS		
.xx = .02		TITLE (D08) CONTROL, RK8-E		
.x = .1		REMOVED BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓		
MATERIAL	NEXT HIGHER ASSY	SIZE CODE NUMBER REV. D CS M7105-0-1 A		
FINISH		SCALE +/− SHEET 3 OF 6 DIST.		

BRUNING 40-522 15840
REV. FORM NO. DPT 102-B

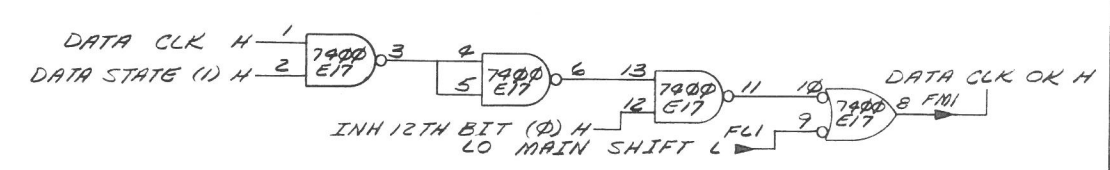
REV. A
SCALE CODE
D CS M7105-0-1

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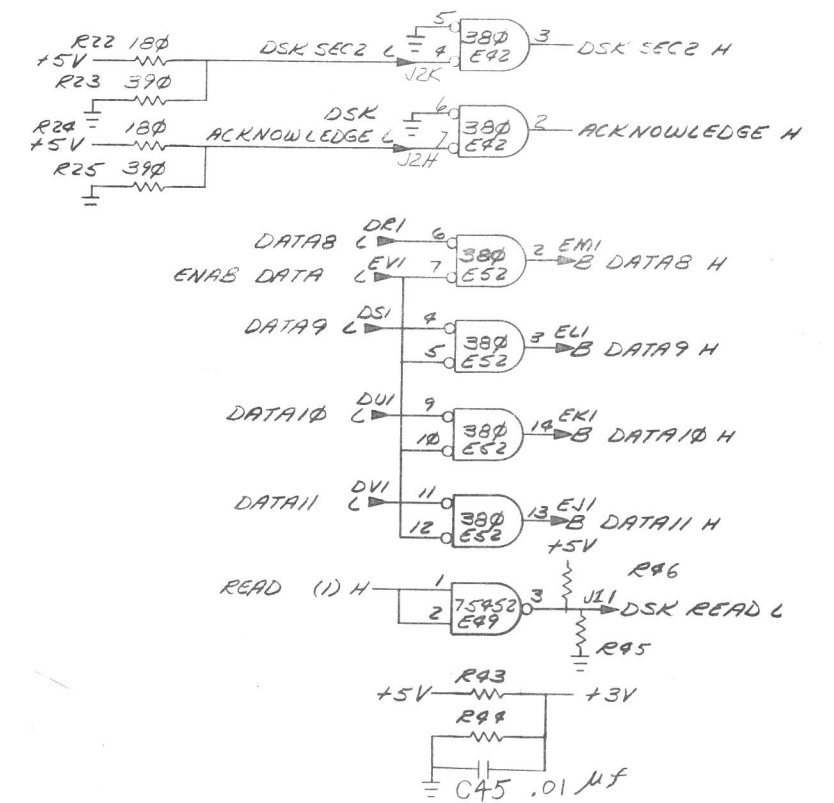
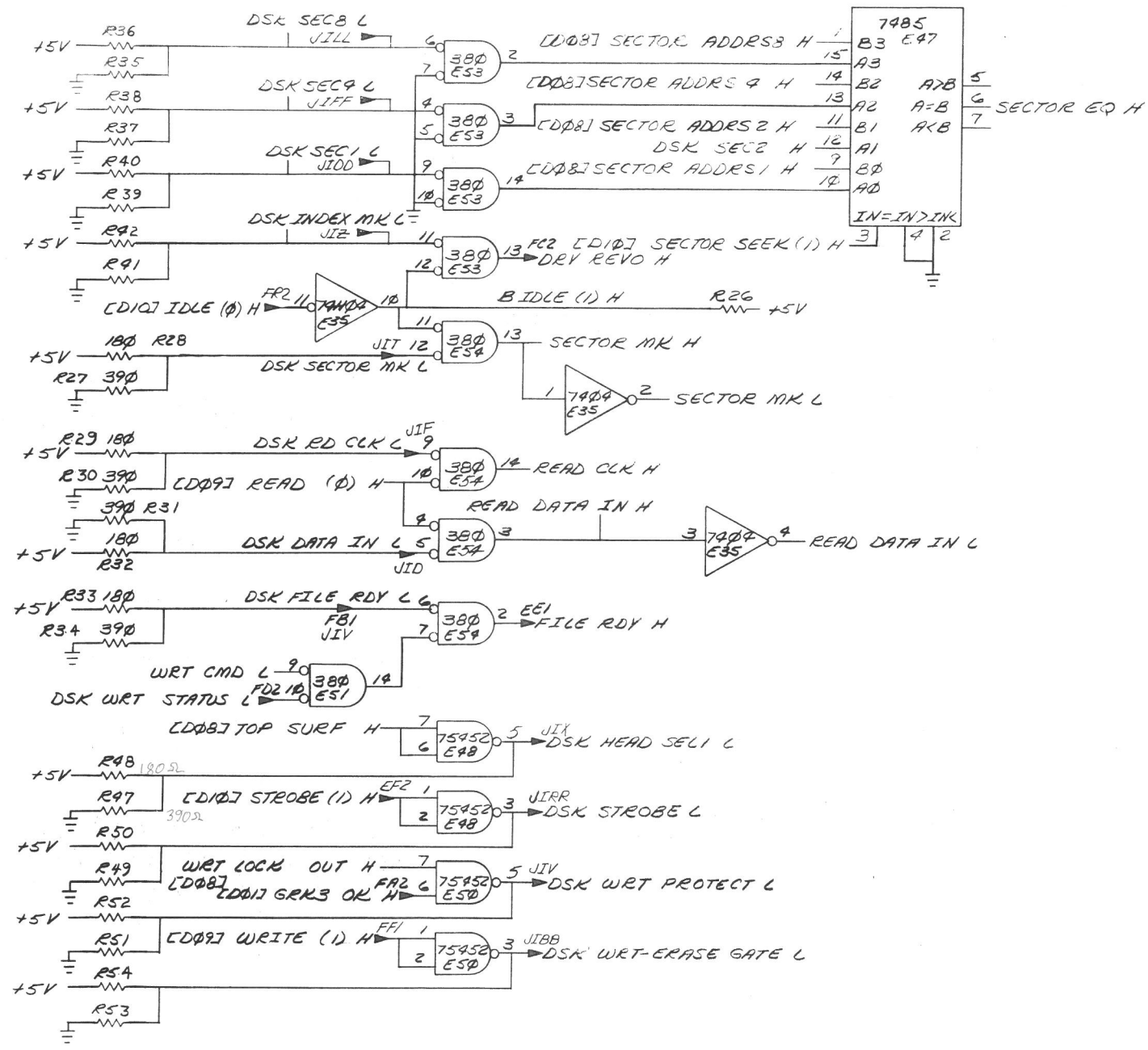
BRUNING 40-522 15840	REVISIONS	REV
CHK	CHANGE NO	

DEC FORM NO 17RD 102-B



FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK8-E				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		DRN	DATE	
DECIMALS	ANGLES	CHK'D	DATE	
.xxx = .005	± 0° 30'	ENG	DATE	
x = .1		PROJ. ENG.	DATE	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		PROD.	DATE	TITLE (D09) CONTROL, RK8-E
MATERIAL	NEXT HIGHER ASSY.			
FINISH	B-DI - RK8-E	SCALE	SIZE CODE	NUMBER
		SHEET 4 OF 6	D CS M7106-0-1	REV. C

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J2

UU	DSK CYL ADB L	ET1
SS	DSK CYL AD2 L	EK2
PP	DSK CYL AD9 L	EB2
MM	DSK CYL AD16 L	EG2
KK	DSK WRT CLK DATA L	E44-3
HH	DSK CYL AD128 L	EE2
EE	DSK RDY SIR/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	EM2
S	DSK DRIVE 2 L	EP1
P	DSK RESTORE L	E47-5
M	DSK DRIVE 3 L	EN1
K	DSK SEC 2 L	E47-4
H	DSK ACKNOWLEDGE L	E42-4
E	DSK SEEK FAIL L	E42-7
C	DSK CAPACITY EX L	FC1
GND	B, D, F, J, L, N, R, T, V, X, Z, BB, DD, FF, JJ, LL, NN, RR, TT, VV.	

J1

D	DSK DATA IN L	E54-5
F	DSK RD CLK L	E54-9
V	DSK WRT PROTECT L	E54-9
L	DSK READ L	E50-5
R	DSK WRT STATUS L	E49-3
T	DSK SECTOR MK L	FD2
Y	DSK FILE RDY L	E54-12
X	DSK HEAD SEL 1 L	E54-6
MM	DSK INDEX MK L	E48-5
BB	DSK WRT-ERASE GATE L	E53-11
DD	DSK SEC 1 L	E50-3
FF	DSK SEC 4 L	E53-9
LL	DSK SEC 8 L	E53-4
RR	DSK STROBE L	E48-3
T.T		BV2
GND	A, B, C, E, H, K, M, P, S, U, W, Y, AA, CC, EE, HH, KK, MM, PP, SS, UU.	

(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	DRN	DATE	PARTS LIST
.XXX = .005	± 0° 30'	CHK'D	DATE	
.XX = .02		ENG	DATE	
.X = .1		PROJ. ENG.	DATE	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		PROD.	DATE	TITLE (DIP) CONTROL, RK8-E
MATERIAL	NEXT HIGHER ASSY.			
FINISH				
SCALE		SIZE CODE		NUMBER
SHEET 6 OF 6		D CS M7106-0-1		
		DIST		REV
				C

A

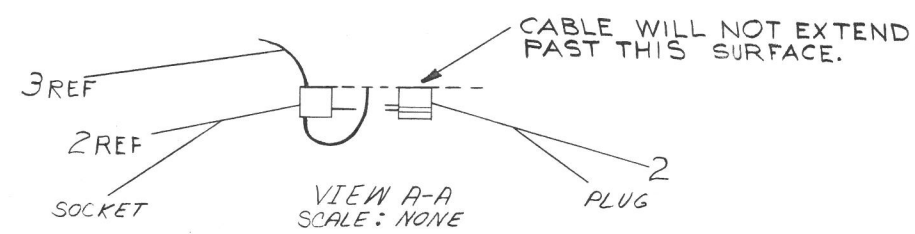
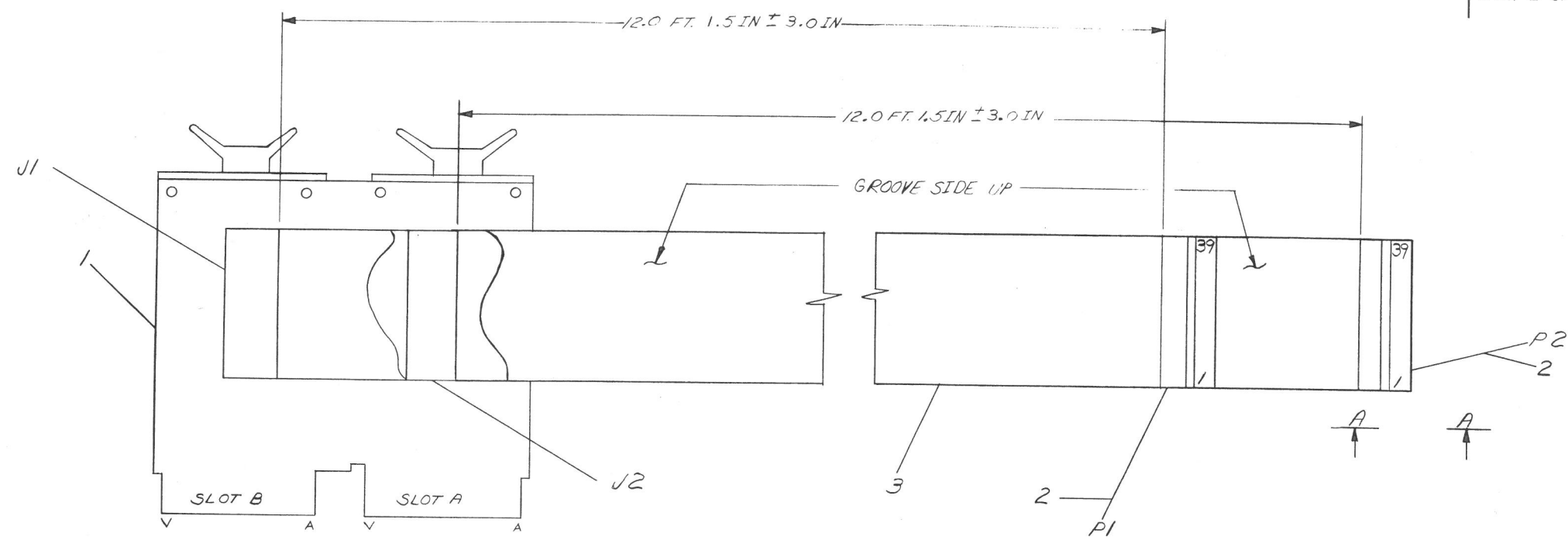
BRUNING 40522 15840	REVISIONS	REV	DATE
DEC FORM NO DRD 102-B	CHANGE NO	1	8/1
	CHK	OK	8/1/73

REV C
REV B
REV A

CS M7106-0-1

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NOTE:
 1. CABLE TO BE WIRED WITH GROOVE SIDE UP.
 2. WHEN ATTACHING CONN (ITEM #2) TO CABLE (ITEM #3), USE SCOTCHFLEX CONTACT PLATE #3443-24 AND SCOTCHFLEX ASSY. PRESS #3445 FROM 3M COMPANY.
 3. TAPE CABLE EVERY 1.5 FEET.



QTY.	DESCRIPTION	PART NO.	ITEM NO.
4	A/R TAPE, ELECTRICAL WHT.	9008880	4
2	CABLE 40 CONDUCTOR 30 AWG	9107747-01	3
2	SCOTCHFLEX CONN #3447-33M	12/1206	2
1	RK8-E CONTROL CABLE MOD-05-M993-0-1		1

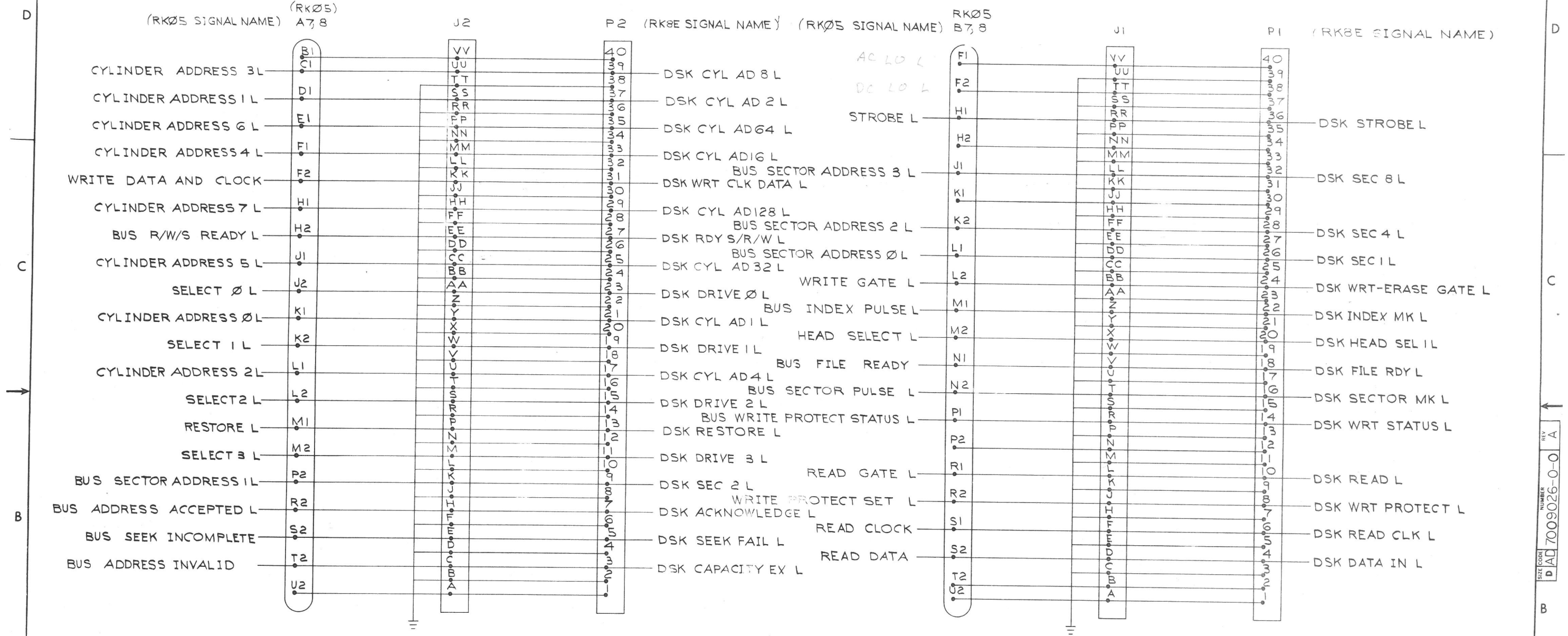
FIRST USED ON OPTION/MODEL		PARTS LIST	
RK8-E			
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	DRN. <i>Mr. R...</i>	DATE 8/14/72	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS
TOLERANCES	CHK'D.	DATE	
DECIMALS .XXX = .005 .XX = .02 .X = .1	ENG. <i>[Signature]</i>	DATE 8/17/72	TITLE CONTROL CABLE ASSY
ANGLES ±0° 30'	PROJ. ENG.	DATE 8/17/72	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓	PROD. <i>R. K. ...</i>	DATE 8-13-72	
MATERIAL	NEXT HIGHER ASSY.		
FINISH	D-14-RK8-E-0	SIZE CODE D	NUMBER 7009026-C-0
	SCALE 1/1	SHEET 1	OF 2
		DIST.	

REV	CHANGE NO.	DATE
A	00002	3-9-73
		3-15-73

BRUNING 40-107 15968
 OFC FORM NO DRD 100-A

REV. A
 NUMBER 7009026-0-0
 SIZE CODE D

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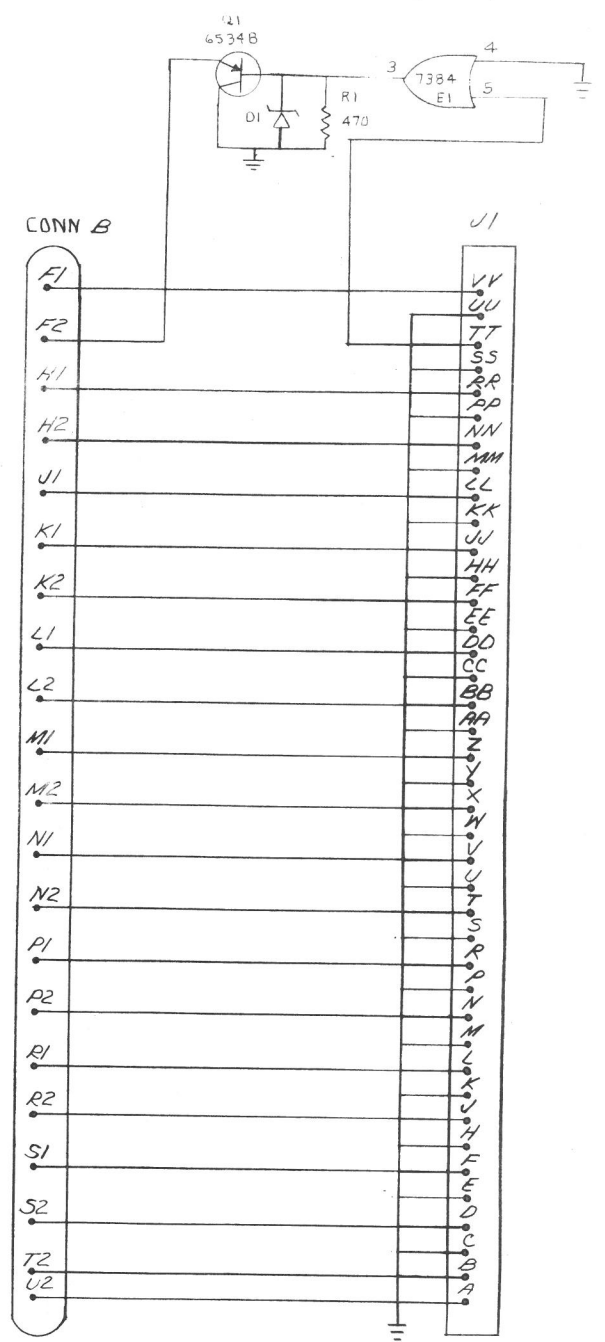
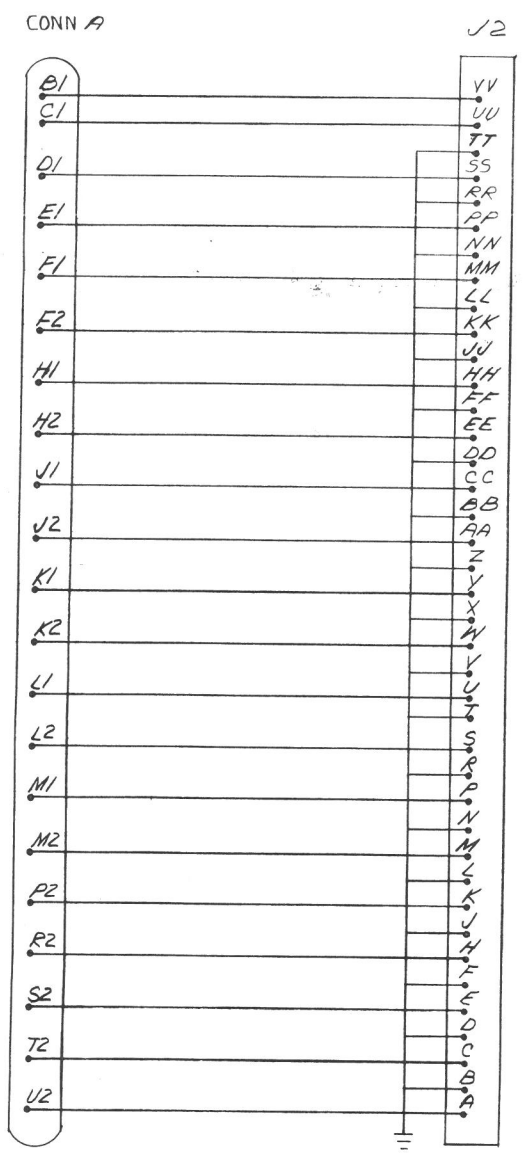


REV	
CHG	
CHK	
REV	
CHG	
CHK	

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 <small>MAYNARD, MASSACHUSETTS</small>	
DECIMALS .XXX ± .005	CHK'D	DATE		
ANGLES .XX ± .02	ENG.	DATE		
.X ± .1	PROD. ENG.	DATE		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROD.	DATE	TITLE CONTROL CABLE ASSY	
MATERIAL	NEXT HIGHER ASSY		SIZE CODE	NUMBER
FINISH	SCALE		D.A.	009026-0-0
	SHEET 2 OF 2		REV	A

This drawing was prepared using the most current information available. It is the user's responsibility to verify the information shown on this drawing against the actual equipment and components to be used. The manufacturer is not responsible for any errors or omissions in this drawing.

CSM993-0-1
 3000 3215 2

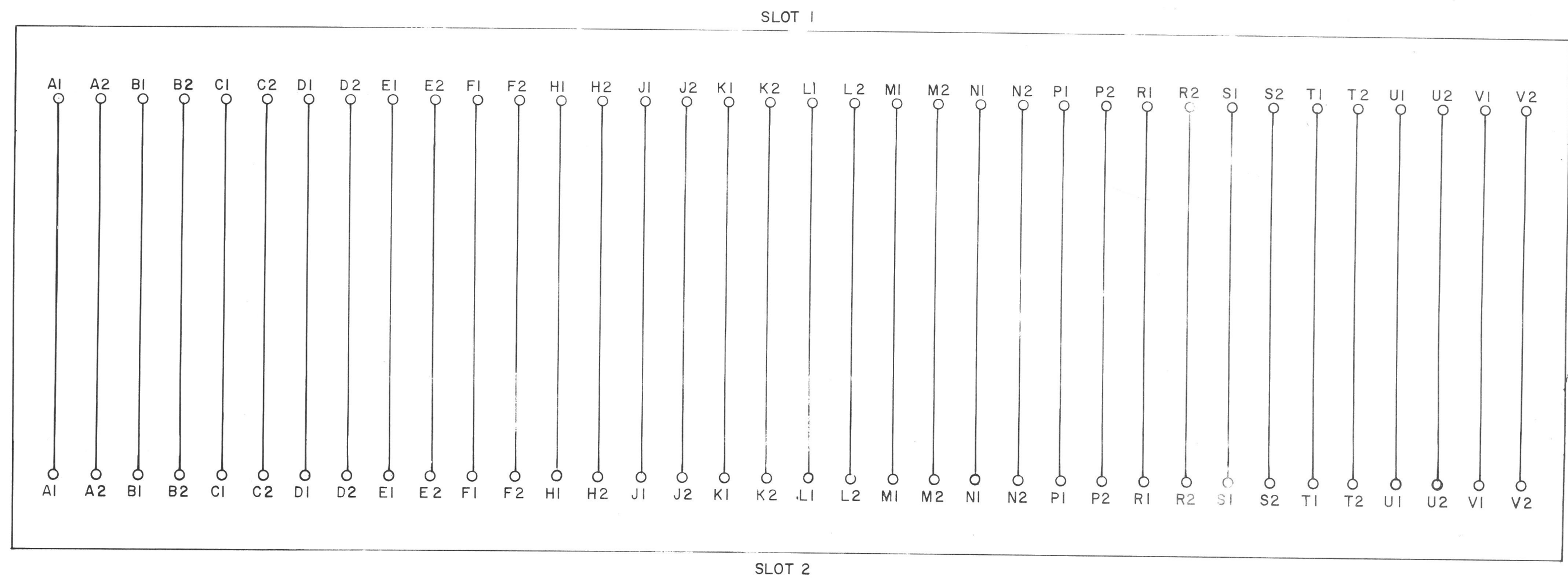


ALL UNUSED PINS ARE GROUNDED EXCEPT FOR PINS AA2, AB2, AV1 AND BB2. AA2 IS +5V.

BRUNING 40-522 15840	REVISIONS	REV
CHK	CHANGE NO	

FIRST USED ON OPTION/MODEL RK8-E	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRN. CHK'D.	DATE DATE	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
DECIMALS .005 XX .02 X .1	ANGLES ±0° 30'	DATE DATE	TITLE RK8-E CONTROL CABLE MODULE	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓	PROD.	DATE	SIZE CODE NUMBER REV D CSM993-0-1 B	
MATERIAL	NEXT HIGHER ASSY			
FINISH				

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UNLESS OTHERWISE INDICATED:
CONNECTOR IS A 1210152

REVISIONS CHK CHG NO. REV 00002 B P. GARDNER 8-3-72 J. GARDNER P.G. 00003 C R.D. Hale 11/4/72 P. GARDNER 5-3-73	DRN. jeanne french	DATE 7/29/70	TRANSISTOR & DIODE CONVERSION CHART				digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE EDGE CONNECTOR H851			
	CHK'D: [Signature]	DATE 1-29-71	DEC	EIA	DEC	EIA		SIZE B	CODE CS	NUMBER H851-0-1	REV. C
	ENG: [Signature]	DATE 1-29-71						PRINTED CIRCUIT REV. C			
	PROD. [Signature]	DATE									



