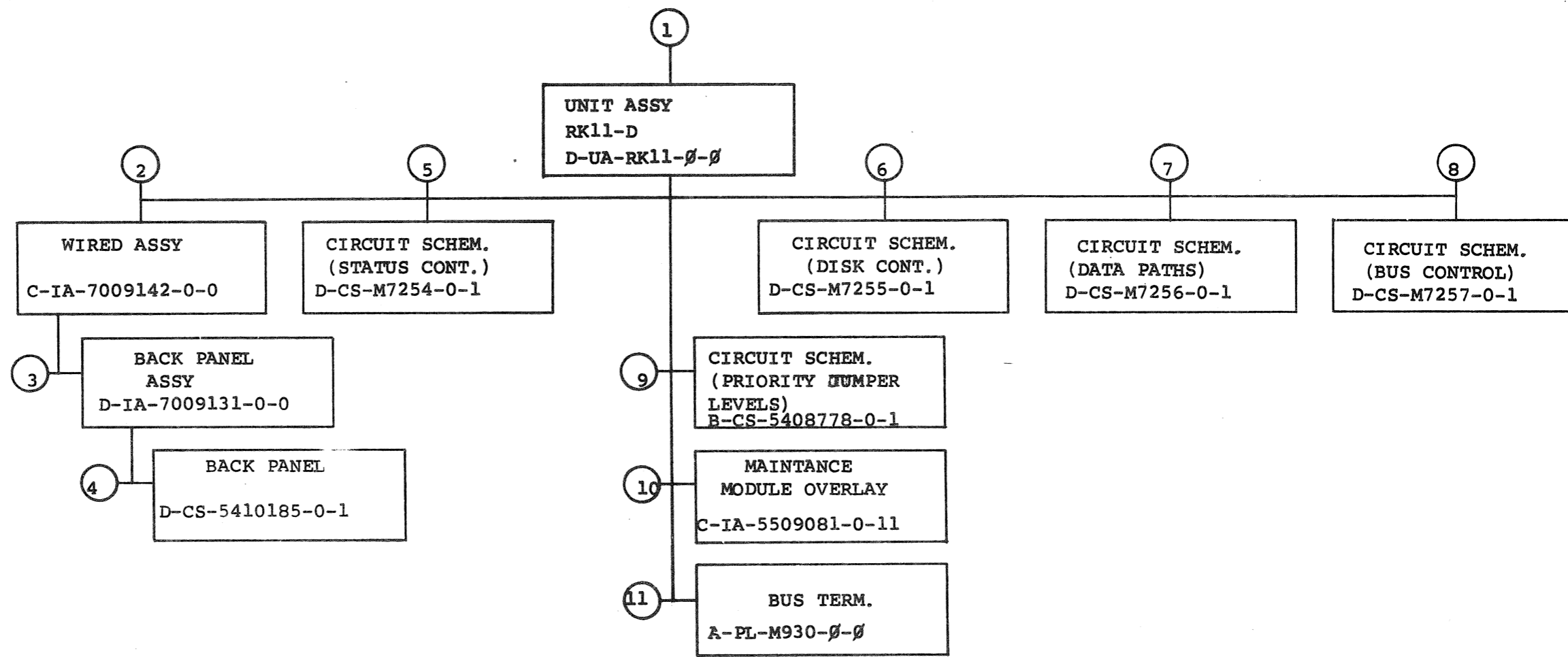


RK11-D *R. Tinga*
23786
disk drive controller
engineering drawings



TITLE	DISK CONTROL	SHEET 2 OF 4	SIZE CODE	B DD	NUMBER	RK11-D	REV	J
-------	--------------	--------------	-----------	------	--------	--------	-----	---

CUSTOMER PRINT SET						ELECTRICAL						CUSTOMER PRINT SET						ELECTRICAL					
1	MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE	1	MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE								
X		1	D-UA-RK11-0-0	B	1	UNIT ASSY (RK11-D)		X		8	D-CS-M7257-0-1	#	6	CIRCUIT SCHEMATIC (BUS CONT.)									
X			D-MU-RK11-D-1	*	1	MODULE UTILIZATION (RK11-D)					K-CO-M7257-0-4		1	X-Y COORDINATE HOLE LOCATION									
X			A-PL-RK11-D-1	*	1	MODULE UTILIZATION (RK11-D) PL					D-AH-M7257-0-5		1	ASSY DRILLING HOLE LOCATION									
			D-IA-7008992-0-0	#	1	POWER HARNESS (REF)					B-MH-M7257-0-6		1	MODULE ECO HISTORY									
X			D-IC-RK11-D-3	C	4	BACK PANEL INTERCONNECTION																	
X			D-IA-7009559-0-0	#	1	OPTION HARNESS																	
X		2	C-IA-7009142-0-0	A	1	WIRED ASSY (RK11-D)				9	B-CS-5408778-0-1		1	CIRCUIT SCHEMATIC (PRIORITY JUMPER LEVELS)									
			C-IA-7009378-0-0		1	GROUND CABLE (RK11-D)					C-IA-5408778-0-0		1	PRIORITY JUMPER LEVEL #5									
											D-IA-5008777-0-0		1	ETCH BOARD									
		3	D-IA-7009131-0-0		1	BACK PANEL		X		10	A-SS-5509081-0-11	#		MAINTENANCE MODULE OVERLAY (RK11D)									
											C-IA-5509081-0-0			MAINTENANCE MODULE OVERLAY									
X		4	D-CS-5410185-0-1	#	1	CIRCUIT SCHEMATIC (BACKPANEL)		X			D-OC-RK05-0-15	#		RK05 OPTION CONFIGURATION (REF)									
			K-CO-5410185-0-4		1	X-Y COORDINATE HOLE LOCATION																	
			E-AH-5410185-0-5		1	ASSY DRILLING HOLE LOCATION																	
			B-MH-5410185-0-6		1	MODULE ECO HISTORY																	
C			K-WL-RK11-D-2	E	1	ETCH/WIRE LIST (RK11-D)		X		11	A-PL-M030-0-0	#		BUS TERMINATOR									
X		5	D-CS-M7254-0-1	#	6	CIRCUIT SCHEMATIC (STATUS CONT)																	
			K-CO-M7254-0-4		1	X-Y COORDINATE HOLE LOCATION				12	A-SP-RK11-D-4	A	18	RK11-D ENGINEERING SPECS									
			D-AH-M7254-0-5		1	ASSY DRILLING HOLE LOCATION					A-SP-RK11-D-5		4	RK11-D CHECK OUT PROCEDURE									
			B-MH-M7254-0-6		1	MODULE ECO HISTORY		X			A-AL-RK11-D-6	*	1	RK11-D ACCESSORY LIST									
								X			A-SL-RK11-D-7	*	1	RK11-D SOFTWARE LIST									
											A-SP-RK11-D-8		4	RK11-D ACCEPTANCE PROCEDURE									
X		6	D-CS-M7255-0-1	#	7	CIRCUIT SCHEMATIC (DISK CONT.)					B-DD-RK11-TA			RK11-D,E TESTER									
			K-CO-M7255-0-4		1	X-Y COORDINATE HOLE LOCATION																	
			D-AH-M7255-0-5		1	ASSY DRILLING HOLE LOCATION																	
			B-MH-M7255-0-6		1	MODULE ECO HISTORY																	
X		7	D-CS-M7256-0-1	#	7	CIRCUIT SCHEMATIC (DATA PATHS)																	
			K-CO-M7256-0-4		1	X-Y COORDINATE HOLE LOCATION																	
			D-AH-M7256-0-5		1	ASSY DRILLING HOLE LOCATION																	
			B-MH-M7256-0-6		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

= PRINT OF DOCUMENT IS LATEST REVISION LEVEL

TITLE

DISK CONTROL

SHEET 3 OF 4

SIZE CODE
 B DD

NUMBER
 RK11-D

REV
 J

CUSTOMER PRINT SET				MECHANICAL					CUSTOMER PRINT SET				MECHANICAL				
1	MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE	1	MFG. SET	FIND NO.	DRAWING NO.	REV	NO OF SHT	DESCRIPTION	OPTION NO./FILE DATE		
		1	D-UA-RK11-0-0	A	1	UNIT ASSY (RK11-D)				8	D-CS-M7257-0-1		5	CIRCUIT SCHEMATIC (BUS CONTROL)			
											K-CO-M7257-0-4		1	X-Y COORDINATE HOLE LOCATION			
											D-AH-M7257-0-5		1	ASSY DRILLING HOLE LOCATION			
											B-MH-M7257-0-6		1	MODULE ECO HISTORY			
		2	C-IA-7009142-0-0	A	1	WIRED ASSY (RK11-D)											
			C-IA-7009378-0-0		1	GROUND CABLE (RK11-D)											
		3	D-IA-7009131-0-0		1	BACKPANEL											
			E-SC-1209583-0-1		1	CASTING, THREE BLOCK											
			A-SS-7407846-0-0		1	DECAL LOGIC SERIAL NUMBER											
		4	D-CS-5410185-0-1		1	CIRCUIT SCHEMATIC (BACKPANEL)											
			K-CO-5410185-0-4		1	X-Y COORDINATE HOLE LOCATION											
			E-AH-5410185-0-5		1	ASSY DRILLING HOLE LOCATION											
			B-MH-5410185-0-6		1	MODULE ECO HISTORY											
		5	D-CS-M7254-0-1		5	CIRCUIT SCHEMATIC (STATUS CONT.)											
			K-CO-M7254-0-4		1	X-Y COORDINATE HOLE LOCATION											
			D-AH-M7254-0-5		1	ASSY DRILLING HOLE LOCATION											
			B-MH-M7254-0-6		1	MODULE ECO HISTORY											
		6	D-CS-M7255-0-1		6	CIRCUIT SCHEMATIC (DISK CONT.)											
			K-CO-M7255-0-4		1	X-Y COORDINATE HOLE LOCATION											
			D-AH-M7255-0-5		1	ASSY DRILLING HOLE LOCATION											
			B-MH-M7255-0-6		1	MODULE ECO HISTORY											
		7	D-CS-M7256-0-1		6	CIRCUIT SCHEMATIC (DATA PATHS)											
			K-CO-M7256-0-4		1	X-Y COORDINATE HOLE LOCATION											
			D-AH-M7256-0-5		1	ASSY DRILLING HOLE LOCATION											
			B-MH-M7256-0-6		1	MODULE ECO HISTORY											

CUSTOMER PRINT SET CODES
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C = INCLUDES ALL PRINTS INDICATED ON DOCUMENT
S = CONFIDENTIAL AUTHORIZED SIGNATURE REQUIRED

= PRINT OF DOCUMENT IS LATEST REVISION LEVEL

TITLE DISK CONTROL

SHEET 4 OF 4
SIZE CODE B DD

NUMBER RK11-D

REV J

NOTE:
 FOR PROPER OPERATION OF RKII-D, E
 THE RK05 DRIVE MUST HAVE AN M7705
 REV. J OR LATER AND HAVE A
 BACK PANEL OF REV. A OR LATER.
 FOR RKII-E THE RK05 MUST ALSO
 HAVE A G180 REV. K OR LATER.

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4	UNIBUS OUT	M7257	BUS CONTROL
3	POWER CONN. W130 K M11A MAINTENANCE BOARDS (OPTIONAL)	M7256	DATA PATHS CONTROL
2	BC11-A DISK CABLE	M7255	DISK CONTROL
1	UNIBUS IN M920 INTERNAL CONNECTOR OR BC11-A CABLE	M7254	STATUS CONTROL

REV.	
CHG.	
NO.	

FIRST USED ON OPTION/MODEL
 RKII-D

DO NOT SCALE DRAWING
 UNLESS OTHERWISE SPECIFIED
 DIMENSIONS IN INCHES
 TOLERANCES
 DECIMALS FRACTIONS ANGLES
 ± .005 ± 1/64 ± 0°30'
 FINAL SURFACE QUALITY 1
 REMOVE BURRS AND BREAK SHARP
 CORNERS
 MATERIAL
 FINISH

QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST			
		EQUIPMENT CORPORATION BATHURST, MASSACHUSETTS	
TITLE MODULE UTILIZATION			
NEXT HIGHER ASSY B-DD-RKII-D		NUMBER DMURKII-D-1	
SCALE NONE		REV.	
SHEET 2 OF 1		DIST.	

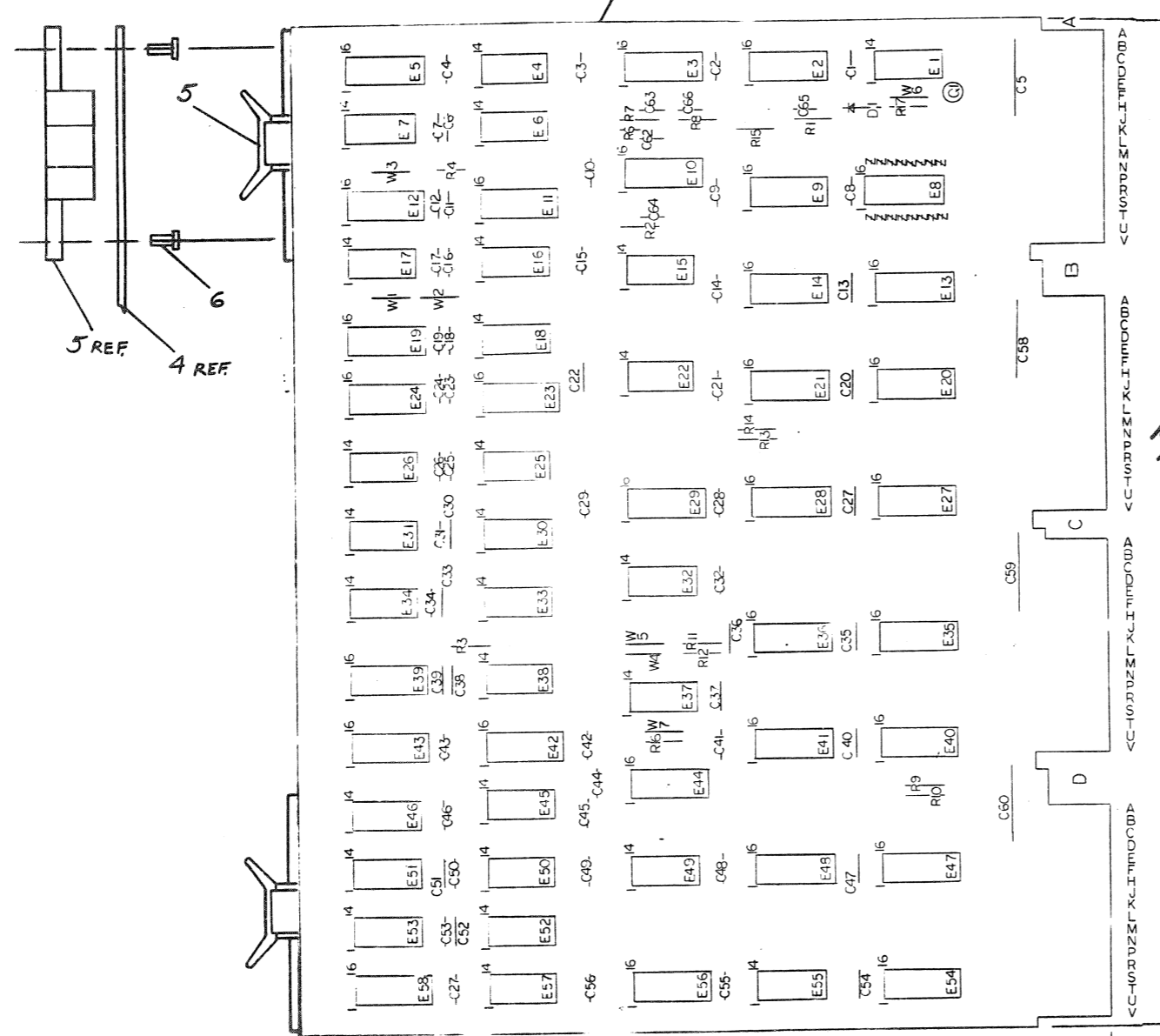
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NOTES:

* IF NECESSARY USE I.C. DEC 8875 P/N 1910647
 ** IC DEC 384 P/N 1909486 OR 5384 P/N 1910394 MAY BE SUBSTITUTED FOR 7384 IN E26. EI MUST BE A 7384

**PIN NOMENCLATURE
 MODULE RK11-D**

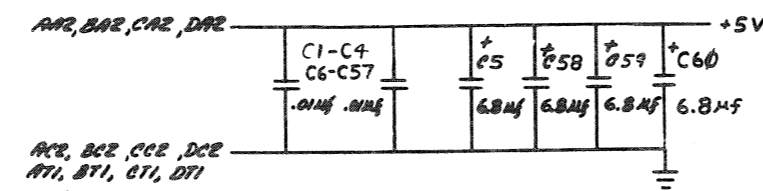
QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
1	Q1	TRANSISTOR DEC 6534B	1503409-01	5
1	E8	IC SOCKET	1209838	49
7	W1-W7	INSULATED WAFER I-2007-1	9009185	48
1	E39	I.C. DEC 7425	1903050	47
2	E23, E41	I.C. DEC 7425	1910651	46
1	E55	I.C. DEC 8815	1909713	45
1	E9	I.C. DEC 74155	1909063	44
2	E17, E52	I.C. DEC 74153	1909062	43
1	E38	I.C. DEC 7408	1910155	42
1	E45	I.C. DEC 74111	1909367	41
5	E21, E27, E28, E29, E40	I.C. DEC 74123	1910018	40
4	E12, E19, E24, E56	I.C. DEC 74161	1910650	39
1	E57	I.C. DEC 74174	1909667	38
3	E6, E7, E37	I.C. DEC 7474	1905597	37
1	E53	I.C. DEC 74152	1909061	35
2	E15, E22	I.C. DEC 7437	1910091	34
2	E1, E26	I.C. DEC 7384	1910393	33
1	E30	I.C. DEC 8881	1909705	32
3	E2, E3, E10	I.C. DEC 74123	1910436	31
3	E9, E42, E44	I.C. DEC 4015	1910087	30
2	E31, E32	I.C. DEC 7420	1905577	29
1	E16	I.C. DEC 7410	1905576	28
3	E18, E34, E49	I.C. DEC 7400	1905525	27
2	E46, E50	I.C. DEC 7402	1909009	26
8	E3, E4, E24, E25, E26, E27, E28, E29, E30, E31, E32, E33, E34, E35, E36, E37, E38, E39, E40, E41, E42, E43, E44, E45, E46, E47, E48, E49, E50, E51, E52, E53, E54, E55, E56, E57, E58	I.C. DEC 74153	1909937	25
1	E11	I.C. DEC 7456	1910363	24
1	E25	I.C. DEC 7427	1910878	23
2	E51, E33	I.C. DEC 7404	1909686	22
1	E43	I.C. DEC 7442	1910096	21
3	R10, R12, R14	RES. 750 Ω 1/4 W 5%	1501401	20
3	R9, R11, R13	RES. 330 Ω 1/4 W 5%	1500295	19
3	R8, R15, R16	RES. 1 K 1/4 W 5%	1500365	18
1	R1	RES. 47K 1/4 W 5%	1502177	17
1	R4	RES. 5K 1/4 W 5%	1500482	16
4	R2, R6, R7, R8	RES. 10 K 1/4 W 5%	1500475	15
1	R17	RES. 470 Ω 1/4 W 5%	1500316	14
1	D1	DIDDE IN748A 3.9V	1100122	13
2	C62, C63	CAP. 47PF 100V 5% DM	1000011	12
1	C65	CAP. 390 PF 100V 5% DM	1001631	11
1	C64	CAP. 56PF 100V 5% DM	1000012	10
1	C66	CAP. 120 PF 100V 5% DM	1000018	9
56	C1-C4, C6-C57	CAP. .01 MF 100V 50% AXIAL	1001610	8
4	C5, C58, C59, C60	CAP. 6.8 MF 35V, MK TANT	1005306	7
8		EYELET (S-S-4-7) STANSON	9006232	6
4		HANDLE (RIP-ON) MAGENTA	9008337-05	5
1		ETCHED CIRCUIT BOARD	5009985	4
87		MODULE 650 HISTORY	B-M-M7254-0-6	3
87		ASSEMBLING HOLE LAYOUT	B-M-M7254-0-5	2
87		X-Y COORDINATE HOLE LOCATION	K-C9-M7254-0-4	1



IC TYPE	GND	+5V
I.C. DEC 74175	8	16
I.C. DEC 74161	8	16
I.C. DEC 7384	1	8
I.C. DEC 4015	8	16
I.C. DEC 7496	12	5
I.C. DEC 74193	8	16
I.C. DEC 74153	?	16
I.C. DEC 74123	8	16
I.C. DEC 7425	12	5
I.C. DEC 7442	8	16

IC PIN LOCATIONS

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



FIRST USED ON OPTION MODEL
RK11-D

ETCH BOARD REV **E**

DATE 4-5-73
 DATE 5-29-73
 DATE 5/20/73
 DATE 4/1/73
 DATE 1/29/73

digital EQUIPMENT CORPORATION
 MAYNARD MASSACHUSETTS

TITLE
**STATUS CONTROL
 RK11-D**

DEC 6534B NONE
 IN748A IN748A

NEXT HIGHER ASSY
 B-DD-RK11-D

SCALE NONE
 SHEET 2 OF

SEMICONDUCTOR CONVERSION CHART

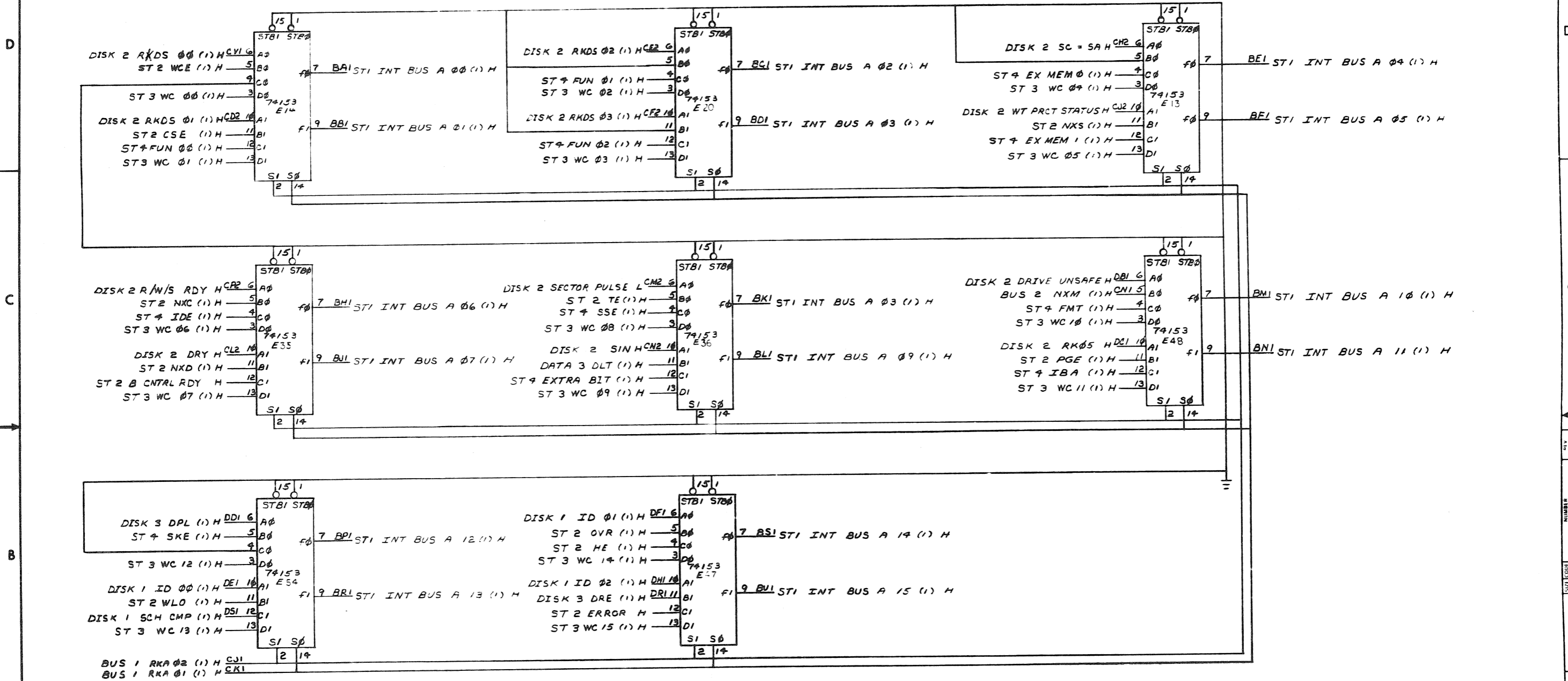
DATE CODE
 DCS M7254-0-1

NUMBER
 M7254-0-1

BRUNING 40-522 16099
 DEC FORM NO

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CSM7254-0-1 2



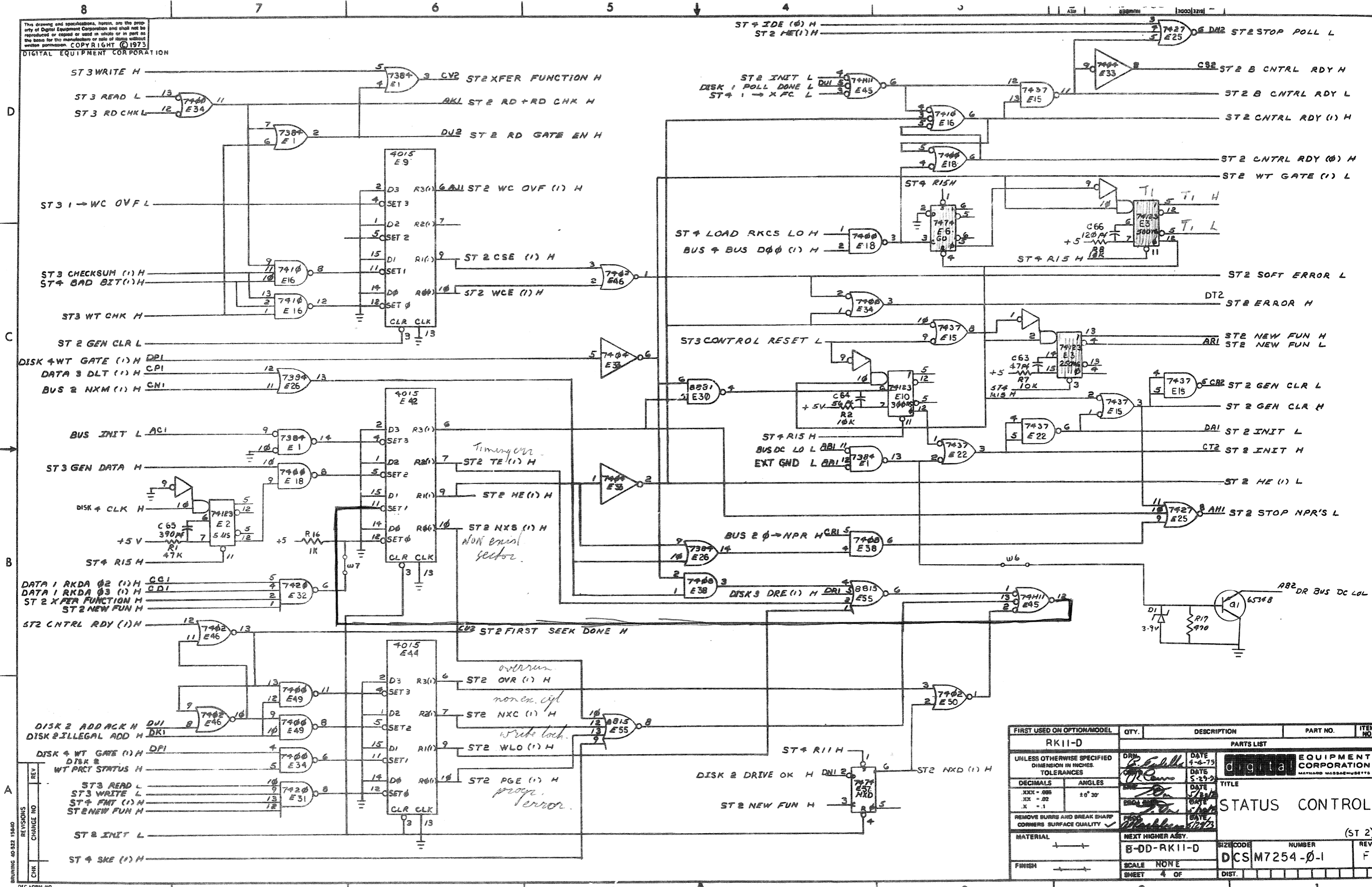
- NOTES:
1. CUT W3 FOR 16 BIT OPERATION (RK11-D)
 2. CUT W1 FOR 18 BIT OPERATION (RK11-E)
CUT W2 FOR 16 BIT OPERATION (RK11-D)
 3. CUT W5 FOR NORMAL OPERATION (CHECKS HEADER 16 TIMES BEFORE FLAGGING SEEK ERROR)
CUT W4 FOR RK11-C COMPATABILITY (CHECKS HEADER ONCE)

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK11-D		PARTS LIST		
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRN <i>R. G. Smith</i>	DATE 4-4-73	 digital EQUIPMENT CORPORATION <small>MAYNARD, MASSACHUSETTS</small>	
DECIMALS	CHK <i>R. G. Smith</i>	DATE 5-27-73		
ANGLES	ENG <i>R. G. Smith</i>	DATE 7-27-73		
XXX - .005 XX - .02 X - .1	PRFL <i>R. G. Smith</i>	DATE 7-27-73		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	APP <i>R. G. Smith</i>	DATE 7-27-73	TITLE STATUS CONTROL	
MATERIAL	NEXT HIGHER ASSY.	SIZE CODE NUMBER (ST.) B-DD-RK11-D DCS M7254-0-1		
FINISH	SCALE NONE	REV C		
	SHEET 3 OF	DIST.		

REVISIONS
CHANGE NO. REV.

CSM7254-0-1

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FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK11-D				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DATE 4-6-75	 EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
DECIMALS	ANGLES	DATE 5-29-75		
XXX - .005	± 0° 30'	DATE 7/2/75	TITLE STATUS CONTROL (ST 2)	
.XX - .02		DATE 7/2/75		
.X - .1		DATE 7/2/75		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY				
MATERIAL	NEXT HIGHER ASSY.		SIZE CODE	NUMBER
	B-DD-RK11-D		DCSM7254-0-1	REV. F
FINISH	SCALE NONE		SHEET 4 OF	

REVISIONS
 CHANGE NO.
 CHK
 REV
 DATE

NUMBER
 DC SM 7254-0-1

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NOTES:

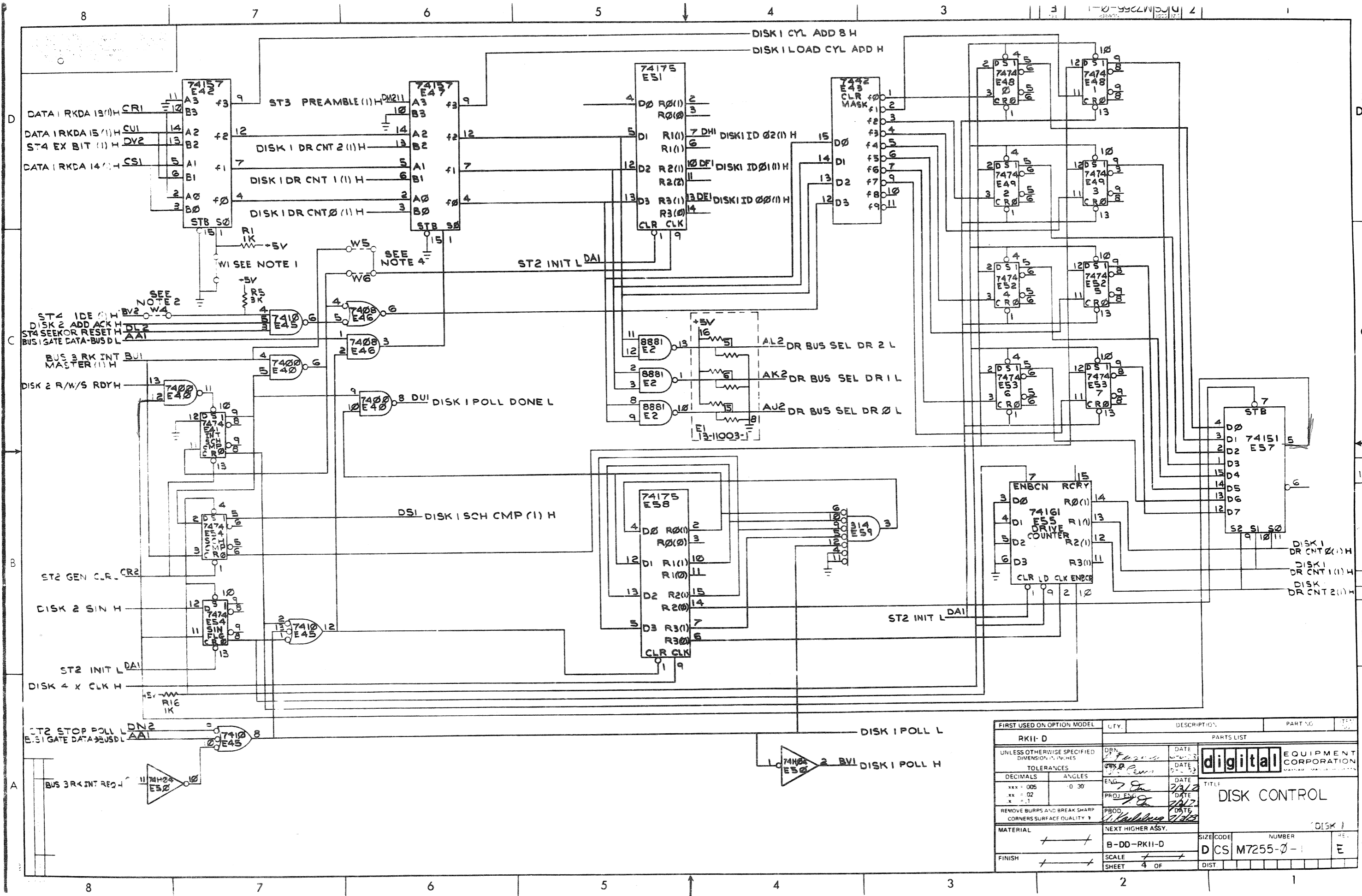
- 1) INSTALL W1 FOR RK05.
- 2) CUT W4 FOR RKII-C COMPATIBILITY (NORMAL OPERATION)
- 3) FOR RKII-D/RK05) CUT JUMPER W3 FOR RKII-E (18 BIT RK05) CUT JUMPER W2.
- 4) FOR NORMAL OPERATION INSTALL W6 (CHANGES ID BITS ONLY FOR SEARCH COMPLETE INTERRUPT). INSTALL W5 TO CHANGE ID BITS FOR ANY INTERRUPT.
- 5) INSTALL PROPER CRYSTAL IN SPLIT LUGS AS OUTLINED IN TABLE 1.

	DISK	BITS/WORD	MHZ	DEC P/N
RKII-D	RK05	16	2.880	18-10694-3
RKII-E	RK05	18	3.090	18-10694-4

U 170-99271500 2

REV.	
CHANGE NO.	
CHK	

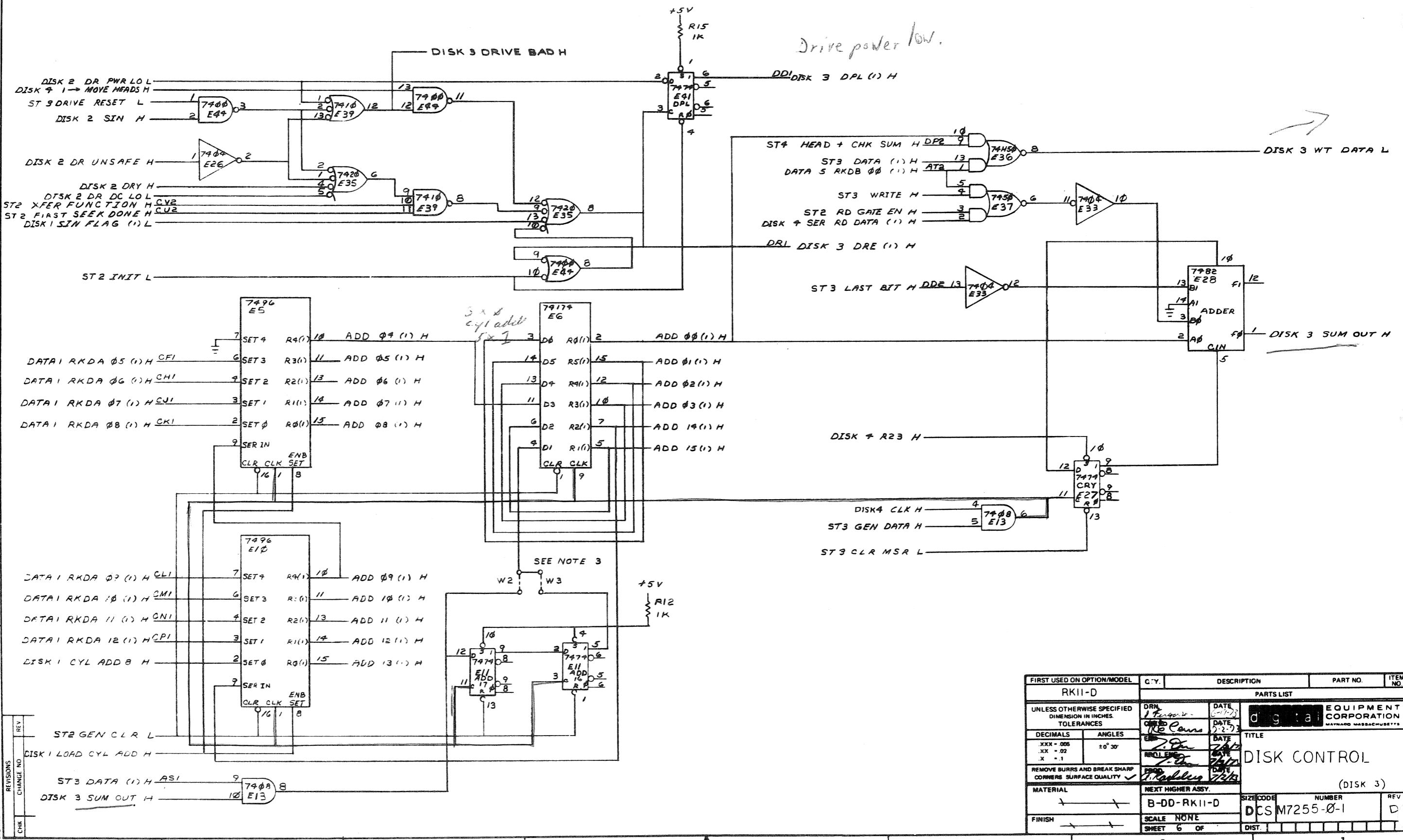
FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	REV. NO.
RKII-D		PARTS LIST		
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	DRN	DATE	 digital EQUIPMENT CORPORATION MAINTENANCE DIVISION TITLE DISK CONTROL RKII-D	
TOLERANCES	CHK'D	DATE		
DECIMALS	ENG.	DATE		
ANGLES	PROL-ENG	DATE		
.xxx = .005 .xx = .02 .x = .1	PROD.	DATE		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY 4				
MATERIAL	NEXT HIGHER ASSY.		SIZE CODE	NUMBER
+ +	B-DD-RKII-D		D CS	M7255-0-1
FINISH	SCALE NONE		SHEET	3 OF
+ +			DIST.	



FIRST USED ON OPTION MODEL	QTY.	DESCRIPTION	PART NO.	REV.	
RK11-D					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES					
TOLERANCES					
DECIMALS	ANGLES	DATE	PARTS LIST		
xxx = .005	0.30	2/13			
PROJECT	DATE	TITLE			
x = .1	2/12	DISK CONTROL			
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY					
MATERIAL	NEXT HIGHER ASSY.		SIZE CODE	NUMBER	
FINISH	B-DD-PK11-D		D CS	M7255-0-1	
SCALE			SHEET	4 OF	
DIST			DISK 1		

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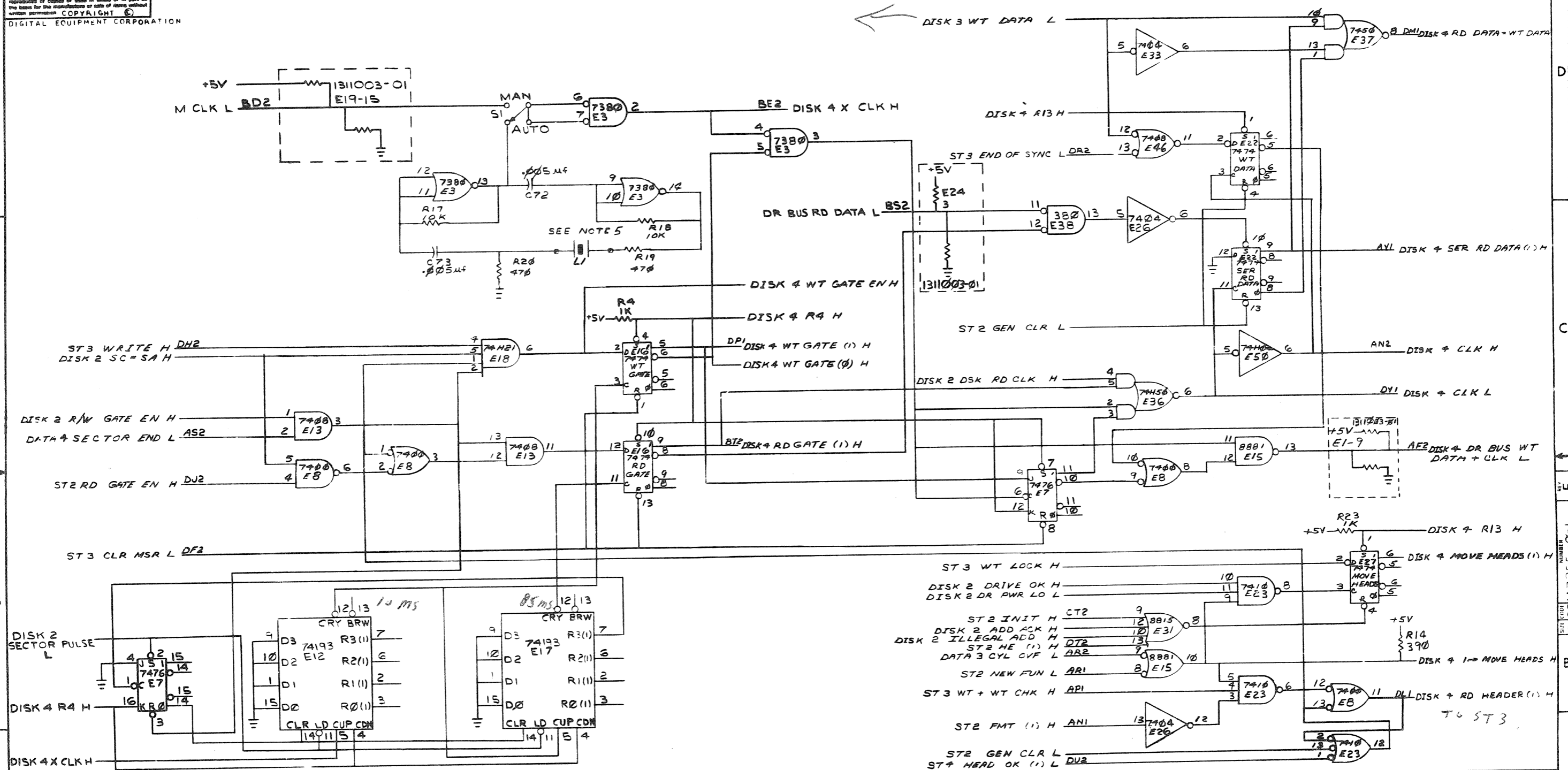
DIGITAL EQUIPMENT CORPORATION



REV	CHG	NO	DATE

FIRST USED ON OPTION/MODEL	QTY	DESCRIPTION	PART NO.	ITEM NO
RK11-D				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		DATE 10/23	DIGITAL EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
DECIMALS	ANGLES	DATE 10/23	TITLE DISK CONTROL	
.XXX - .005	±0° 30'	DATE 10/23	(DISK 3)	
.XX - .02		DATE 10/23		
.X - .1		DATE 10/23		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		DATE 10/23		
MATERIAL	NEXT HIGHER ASSY.	DATE		
FINISH	B-DD-RK11-D	DATE		
	SCALE NONE	DATE		
	SHEET 6 OF	DATE		
		DIST		

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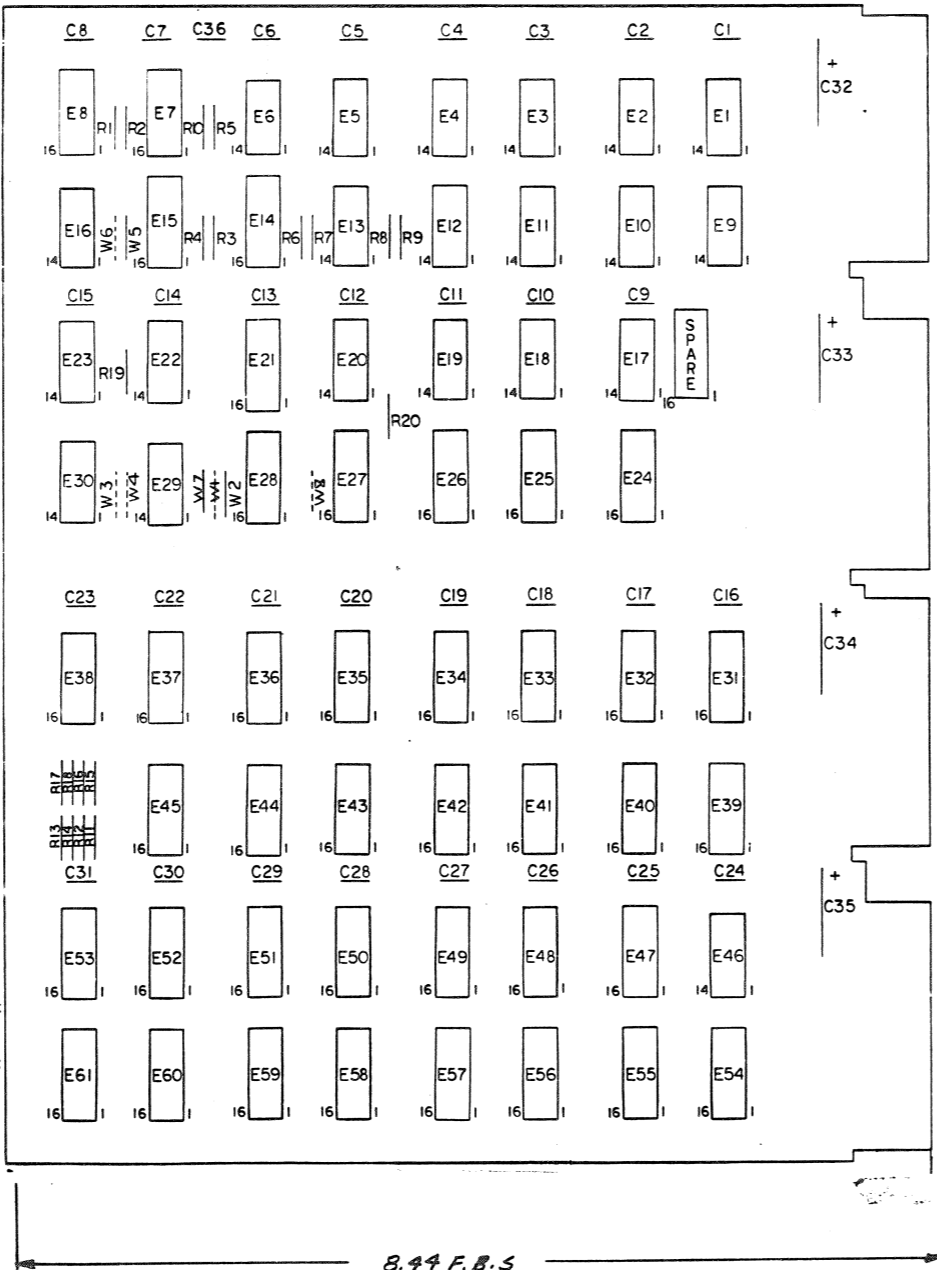
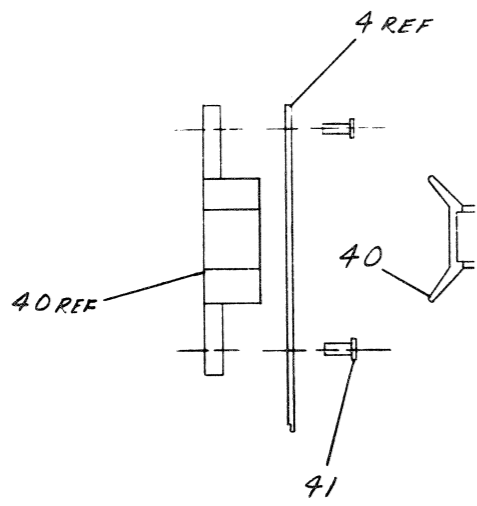


REV	CHG	NO

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO	ITEM NO
RK11-D				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES	DRN 1/16	DATE 1-19-74	DIGITAL EQUIPMENT CORPORATION MIDDLETOWN, MASSACHUSETTS	
DECIMALS .005	ANGLES 0° 30'	DATE 2-2-73		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	DATE 7/27/77	DATE 7/27/77	TITLE DISK CONTROL (DISK 4)	
	DATE 11/20/78	DATE 11/20/78		
MATERIAL	NEXT HIGHER ASSY.	SIZE CODE	NUMBER	REV
	B-DD-RK11-D	DCS	M7255-0-1	E
FINISH	SCALE NONE	SHEET 7 OF		

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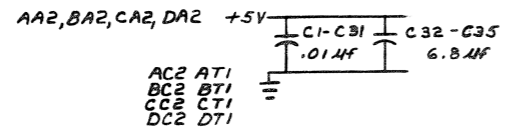
NOTES:



PIN NOMENCLATURE
MODULE RK11-D

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
1	R6	5.6K 1/4 W 5% CC	1301874	41
3	W2, W5, W7	INSULATED JUMPER L-2007-1	9002145	42
8		EYELET #654-7 E.B. STIMPSON	9006732	43
4		HANDLE, FLIP CHIP MAGENTA	9005337-6	40
4	E52, E53, E60, E61	I.C. DEC 74157	1910655	39
8	E48-E51, E56-E59	I.C. DEC 74153	1919937	38
1	E46	I.C. DEC 8281 DC	1909490	37
1	E38	DIP RESISTOR PACK	1311003-02	36
5	E33-E37	I.C. DEC 74170	1910738	35
7	E31, E32, E39, E40, E47, E54, E55	I.C. DEC 74193	1910018	34
1	E30	I.C. DEC 380	1909985	33
10	E29-E28, E41-E45	I.C. DEC 8271	1909615	32
1	E23	I.C. DEC 8881	1909705	31
2	E22, E29	I.C. DEC 7473	1905587	30
1	E21	I.C. DEC 4007	1909867	29
1	E18	I.C. DEC 7421	1909058	28
1	E17	I.C. DEC 7437	1910091	27
1	E13	I.C. DEC 7412	1909955	26
1	E12	I.C. DEC 7400	1905575	25
4	E11, E16, E19, E20	I.C. DEC 7474	1905547	24
1	E10	I.C. DEC 74110	1909057	23
1	E9	I.C. DEC 74155	1909063	22
1	E8	I.C. DEC 74161	1910650	21
3	E7, E14, E15	I.C. DEC 74123	1910436	20
1	E5	I.C. DEC 74174	1909607	19
2	E4, E6	I.C. DEC 74150	1909360	18
1	E3	I.C. DEC 7402	1909004	17
1	E2	I.C. DEC 74184	1909931	16
1	E1	I.C. DEC 7408	1910155	15
4	R15-R18	RES. 680Ω 1/4W 5% CC	1301924	14
4	R11-R14	RES. 330Ω 1/4W 5% CC	1300295	13
1	R10	RES. 20K 1/4W 5% CC	1302391	12
4	R8, R9, R19, R20	RES. 1K 1/4W 5% CC	1300365	11
4	R3-R5, RT	RES. 5.11K 1/4W 1% MF	1304854	10
1	R2	RES. 390Ω 1/4W 5% CC	1300309	9
1	R1	RES. 180Ω 1/4W 5% CC	1301322	8
1	C36	CAP. 150PF 100V 5% D.M.	1000019	7
4	C32-C35	CAP. 6.8UF 35V 20% TANT	1000067	6
31	C1-C31	CAP. .01UF 100V 20% DISC.	1001610	5
1		ETCHED CIRCUIT BOARD	5009987	4
REF		MODULE ECO HISTORY	B-MH-M7256-0-6	3
REF		ASSY/DRILLING HOLE LAYOUT	D-MH-M7256-0-5	2
REF		X-Y COORDINATE HOLE LOCATION	K-CO-M7256-0-4	1

DEC NO.	QTY	REF
DEC 4007	8	16
DEC 7473	11	4
DEC 74170	8	16
DEC 74193	8	16
DEC 74161	8	16
DEC 74157	8	16
DEC 74153	8	16
DEC 8271	8	16
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		



FIRST USED ON OPTION MODEL
RK11-D

ETCH BOARD REV D

REVISIONS

REV	CHG	ORIGINATED	CHK
1	A		

DRN: [Signature] DATE: 9-20-72
 CHN: [Signature] DATE: 10/20/72
 EBN: [Signature] DATE: 10/20/72
 PROJ: [Signature] DATE: 10/20/72
 PROJ: [Signature] DATE: 10/20/72

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE: DATA PATHS

SIZE CODE: DCS NUMBER: M7256-0-1

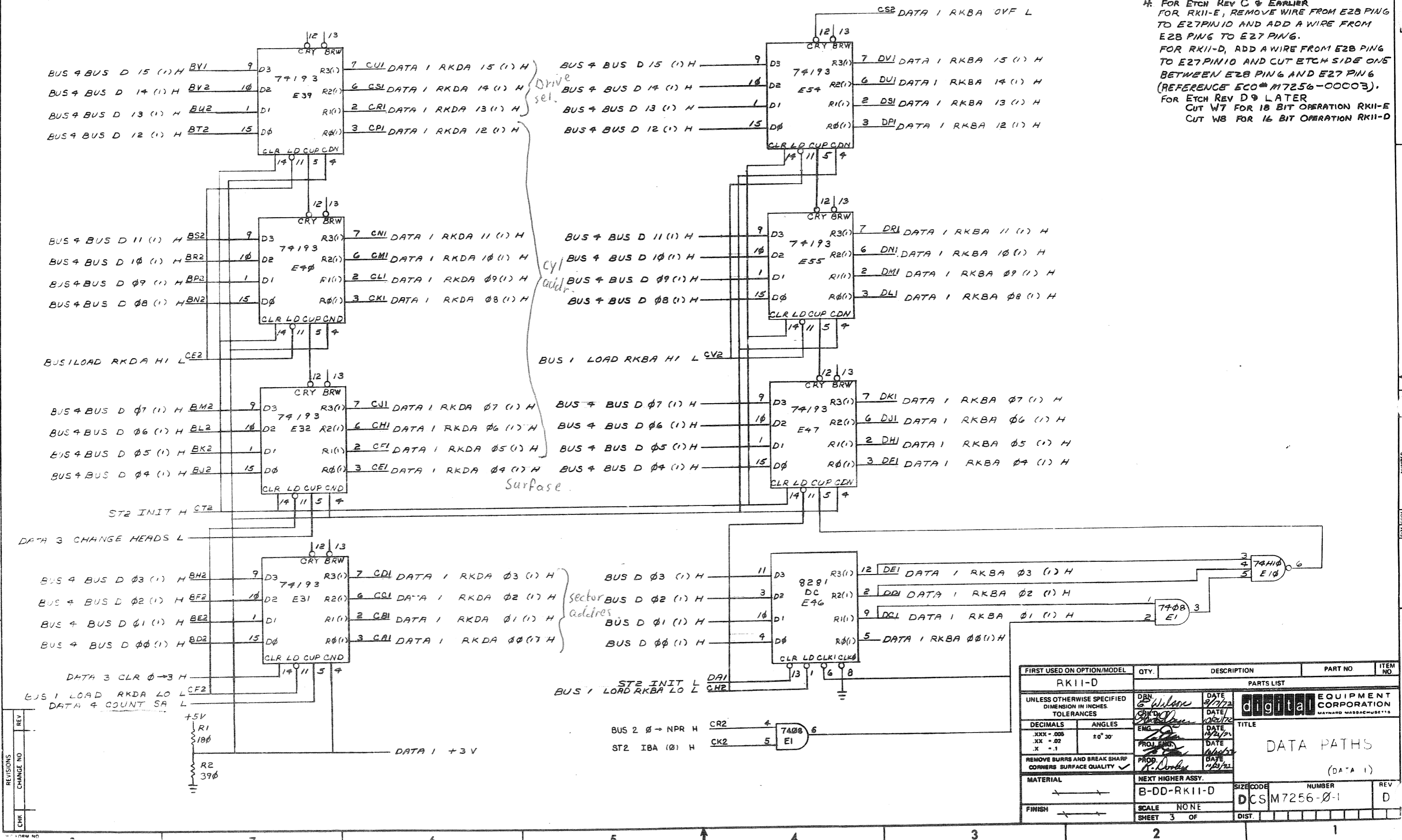
SCALE: 1:1 SHEET 2 OF 1

SEMICONDUCTOR CONVERSION CHART

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NOTES:

- CUT W1 FOR 16 BIT OPERATION (RK11-D)
CUT W2 FOR 18 BIT OPERATION (RK11-E)
- CUT W3+W4 FOR 16 BIT OPERATION
- CUT W5 FOR 18 BIT OPERATION
CUT W6 FOR 16 BIT OPERATION
- FOR ETCH REV C & EARLIER
FOR RK11-E, REMOVE WIRE FROM E28 PING TO E27 PIN10 AND ADD A WIRE FROM E28 PING TO E27 PIN10 AND CUT ETCH SIDE ONE BETWEEN E28 PING AND E27 PIN6 (REFERENCE ECO# M7256-00003).
FOR ETCH REV D & LATER
CUT W7 FOR 18 BIT OPERATION RK11-E
CUT W8 FOR 16 BIT OPERATION RK11-D



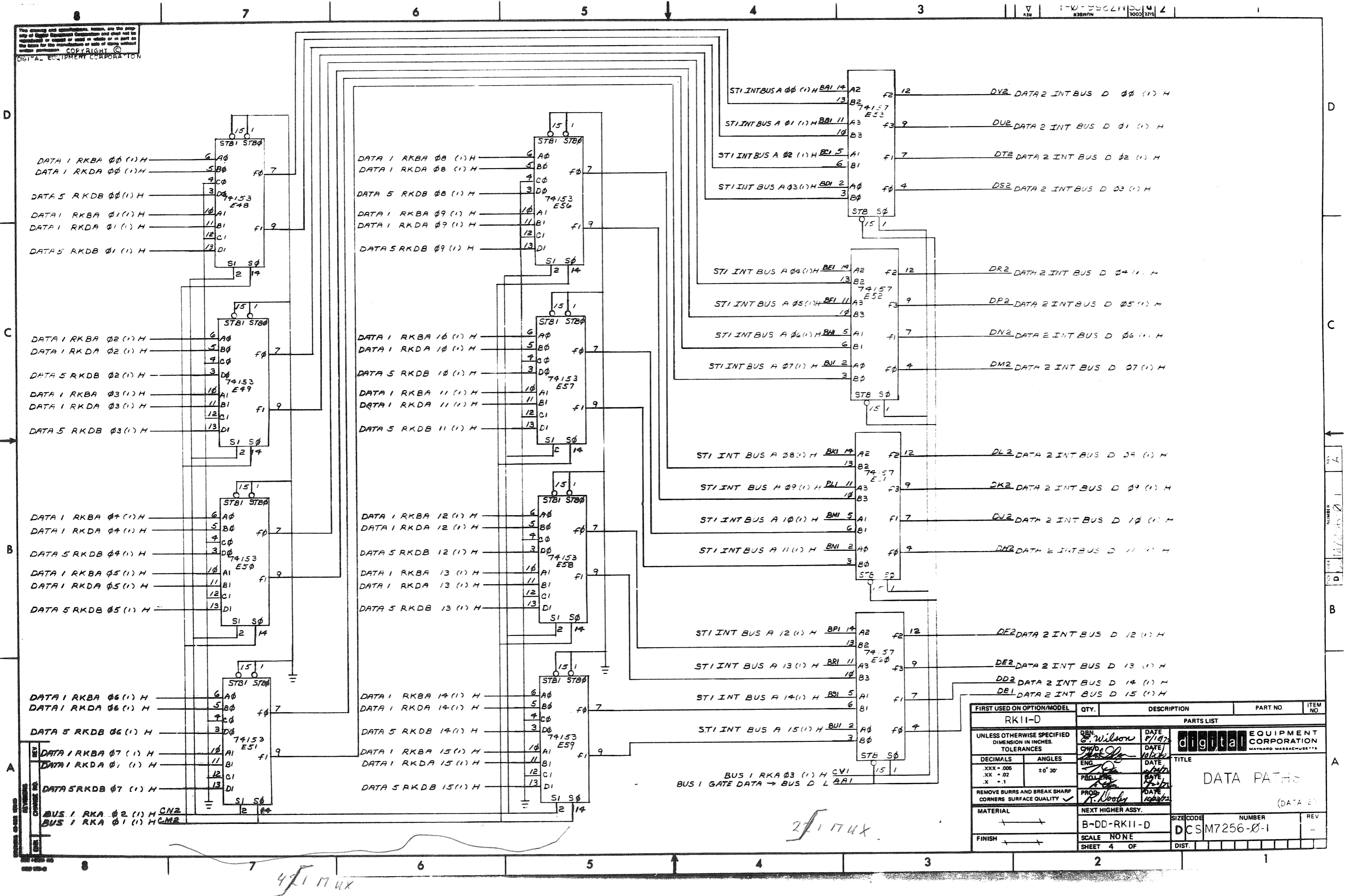
FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO	ITEM NO.
RK11-D				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN: <i>G. Wilson</i> DATE: 9/27/72	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DECIMALS	ANGLES	ENG: <i>[Signature]</i> DATE: 10/21/72		
.XXX - .008	±0° 30'	PROJ ENGR: <i>[Signature]</i> DATE: 11/24/72	TITLE DATA PATHS (DATA 1)	
.XX - .02		PROD: <i>[Signature]</i> DATE: 11/24/72		
.X - .1		REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		
MATERIAL	NEXT HIGHER ASSY.	SCALE	SIZE CODE	NUMBER
	B-DD-RK11-D	NONE	DCSM7256-0-1	
FINISH		SHEET	DIST.	REV
		3 OF		D

REVISIONS
CHANGE NO

NUMBER
DCSM7256-0-1

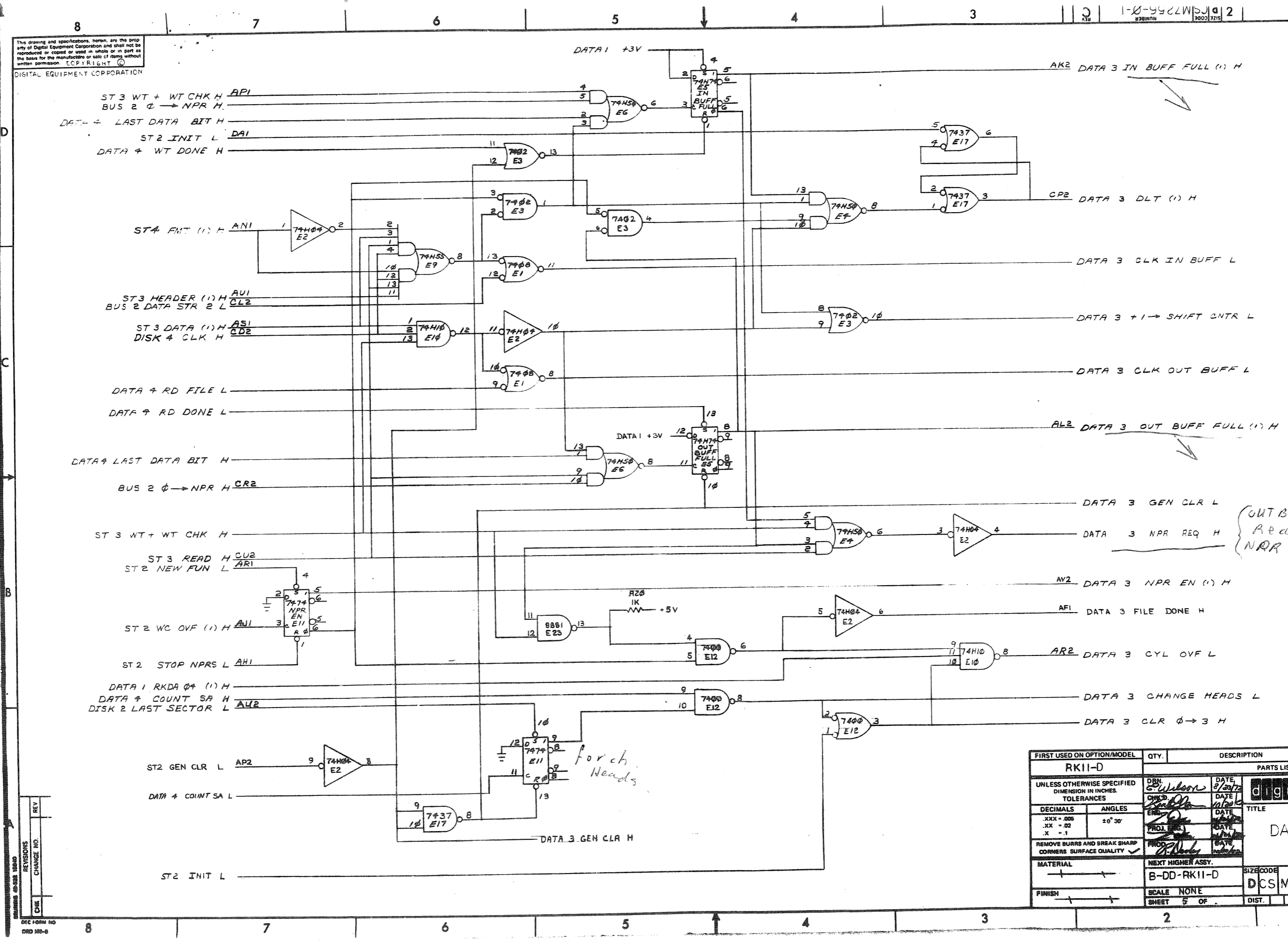
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FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK11-D				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES				
DECIMALS	ANGLES	PARTS LIST		
.XXX - .005	±0° 30'	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		
.XX - .02		TITLE		
.X - .1		DATA PATHS		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY				
MATERIAL	NEXT HIGHER ASSY.	SIZE CODE	NUMBER	REV
	B-DD-RK11-D	DCS	M7256-0-1	
FINISH	SCALE NONE	SHEET	4 OF	DIST.

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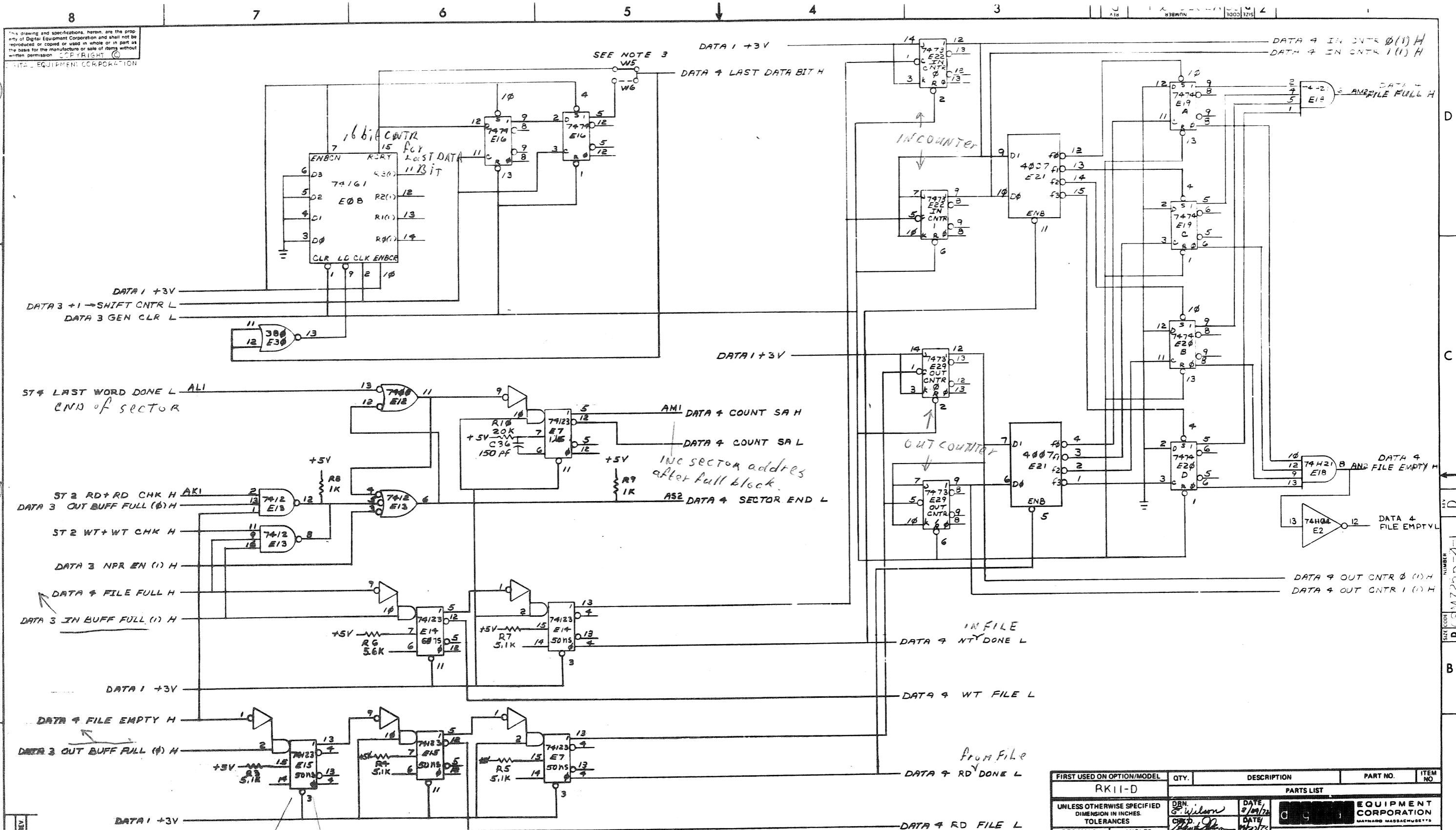


OUT Buff Full
Read.
NPR enable

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK11-D				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES		PARTS LIST		
DECIMALS	ANGLES	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS		
.XXX - .005	±0° 30'	TITLE		
.XX - .02		DATE		
.X - .1		DATE		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		DATE		
MATERIAL		NEXT HIGHER ASSY.		
FINISH		B-DD-RK11-D		
		SCALE	NUMBER	REV.
		NONE	DCS M7256-01	
		SHEET	OF	DIST.
		5		

REV.	CHANGE NO.	DESCRIPTION

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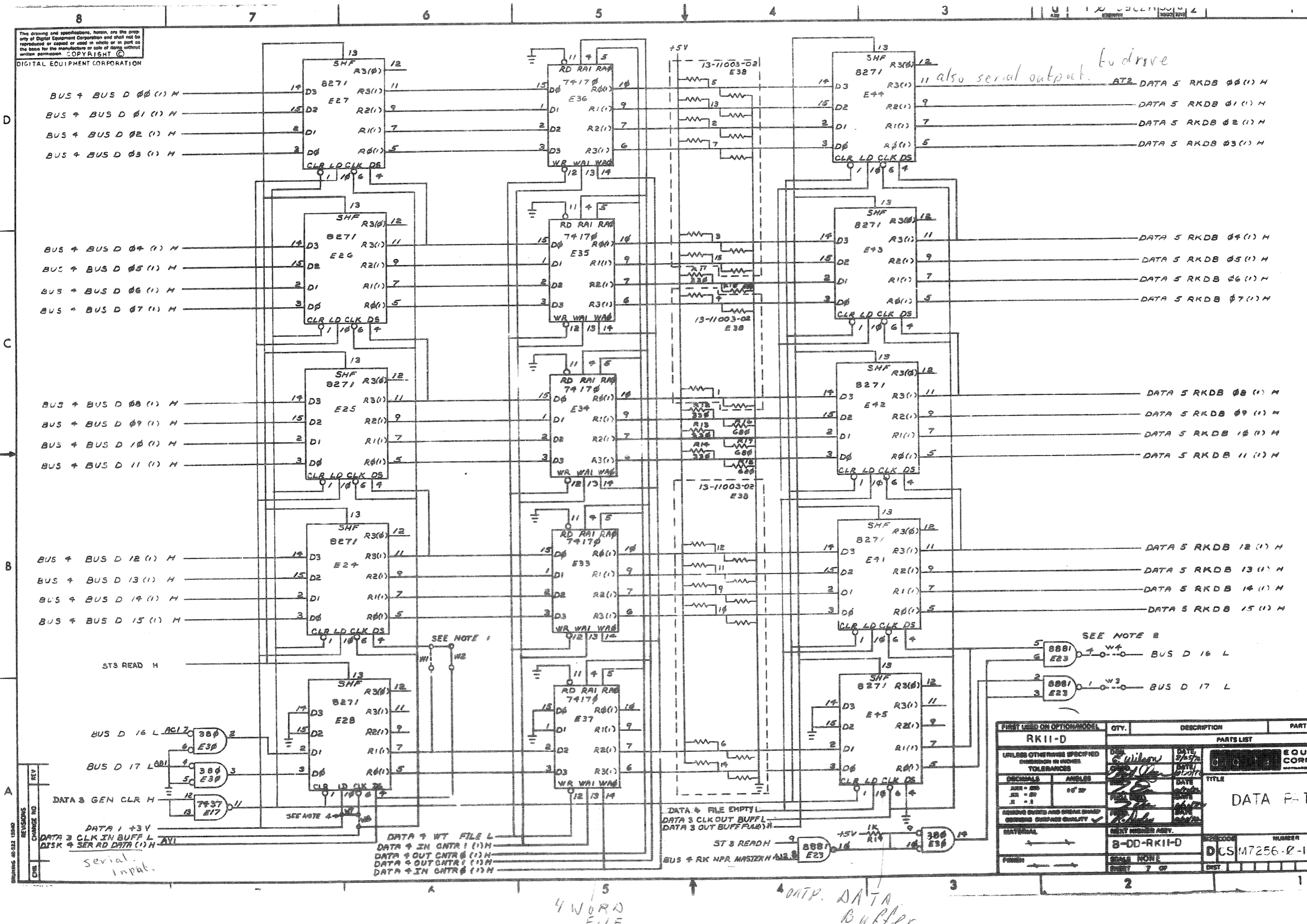
need some time to write

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK11-D		PARTS LIST		
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRN. <i>G. Wilson</i>	DATE <i>3/29/72</i>	EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	
DECIMALS	ANGLES	DATE <i>3/29/72</i>	TITLE	
.XX - .005	±0° 30'	DATE <i>3/29/72</i>	DATA PATHS	
.XX - .02		DATE <i>3/29/72</i>		
.X - .1		DATE <i>3/29/72</i>		
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROB. <i>No. Woolley</i>	DATE <i>3/29/72</i>		
MATERIAL	NEXT HIGHER ASSY.	SIZE CODE	NUMBER	REV
	B-DD-RK11-D	DCS	M7256-01	D
FINISH	SCALE NONE	SHEET	6 OF	

REV	DESCRIPTION

SIZE CODE: DCS M7256-01
 NUMBER: 1
 SHEET: 6 OF

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FIRST USED ON OPTION MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK11-D				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOLERANCES				
DECIMALS	ANGLES	DATE	EQUIPMENT CORPORATION	
FRAMES	80° 30'	DATE	TITLE	
MATERIAL				
NEXT NUMBER ASSEMBLY				
8-DD-RK11-D				
SCALE NONE				
DGS M7256-R-1				
FORM 7 OF				

REVISIONS
 CHANGE NO.
 REV.

M7256-R-1

PAGE REVISION CONTROL SHEET

SH NO.

PAGE REVISIONS

REMARKS

SH NO.	A	B	C	D	E	F	G	H
1	A	B	C	D	E	F		H
2	A	B	C	C	D	E		E
3	A	A	B	B	B	B		B
4	A	A	A	A	A	B		B
5	A	B	B	C	D	D		D
6	A	A	A	A	A	A		A

Buffer+file comp
 Read:
 1) Ser. Id. data from RK05
 2) Read H end shift when clock in buff. true
 3) COUNT NR of bit loaded.
 - Read
 - clk from disk
 - data for the 175N.
 - F177

50L write in file
 INENTR → we write in buf in 4 word file
 wr. file starts in file da. 50L inc CNTA.

(BUS 1)
 (BUS 2)
 (BUS 3)
 (BUS 4)

FIRST USED ON OPTION/MODEL
 RK11-D

digital
EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

TITLE
BUS CONTROL
(RK11-D)

DATE	DATE	DATE	DATE	DATE
<i>10/23/72</i>	<i>10/23/72</i>	<i>10/23/72</i>	<i>10/23/72</i>	<i>10/23/72</i>

DRN. *[Signature]*
 CRK'D. *[Signature]*
 ENG. *[Signature]*
 PROJ. ENG. *[Signature]*
 PROD. *[Signature]*

NEXT HIGHER ASSY.
 B-DD-RK11-D
 SCALE *[Signature]*
 SHEET 1 OF 6

SIZE CODE NUMBER REV.
 B CS M7257-0-1 H

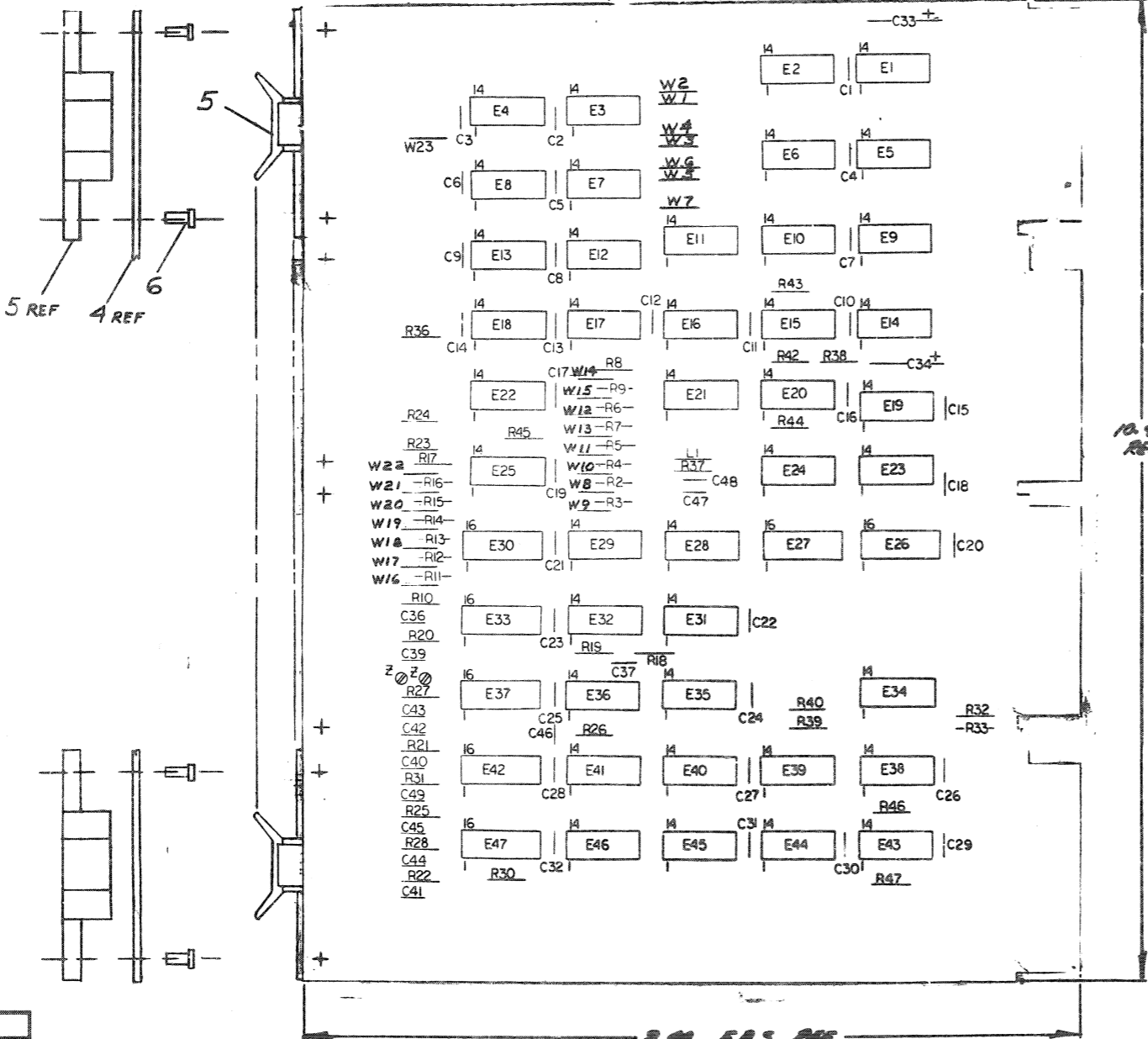
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ECO NO.	REV.	ENG.	DATE
00001	B	—	12-15-72
00002	B	26-73	70
00003	B	5-23-78	02
00004	B	11-13-78	28
00005	B	11-19-74	28
646A	B	2-11-74	28

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NOTES:

* IF ITEM #10 IS NOT AVAILABLE
USE PART NO. 1010274-00 OR
USE PART NO. 1001610(.0145, 100V, 20%)



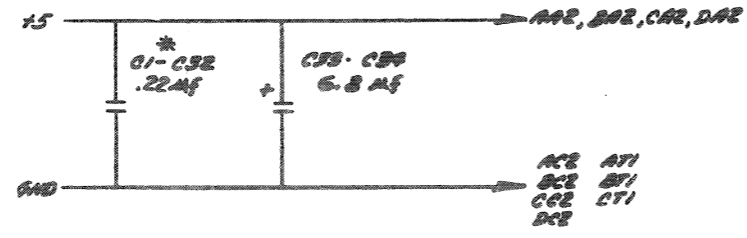
PIN NOMENCLATURE
MODULE RK11-D

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
1	C1	COND 97Mh	1610271	46
2		SPR1 2095	9006735	45
28	W1-W23	INSULATED JUMPER (-2007-1)	9009185	44
1	E21	I.C. DEC 7457	1910091	43
1	E20	I.C. DEC 7416	1909928	42
2	E22, E25	I.C. DEC 8292	1909712	41
7	E15, E16, E17, E18, E19, E20	I.C. DEC 580	1909485	40
1	E9	I.C. DEC 319	1909704	39
1	E30	I.C. DEC 74157	1909936	38
4	E31, E32, E33, E34	I.C. DEC 7408	1910155	37
3	E35, E36, E37	I.C. DEC 74174	1909667	36
2	E38, E39	I.C. DEC 7474	1905547	35
3	E18, E19, E46	I.C. DEC 7584	1910393	34
12	E2, E3, E7, E10, E12, E15, E17, E29, E39, E6	I.C. DEC 8881	1909705	33
4	E38, E37, E42, E47	I.C. DEC 74123	1910436	32
1	E23	I.C. DEC 7420	1905577	31
1	E39	I.C. DEC 7400	1905575	30
2	E24, E43	I.C. DEC 7402	1909004	29
2	E26, E27	I.C. DEC 7492	1910046	28
1	R18	RES. 100 R 1/4 W 5%	1300229	27
4	R28, R29, R36, R43	RES. 300 R 1/4 W 5%	1300309	26
4	R2, R33, R40, R42	RES. 180 R 1/4 W 5%	1301322	25
25	R2-R9, R11, R17, R19, R26, R32, R37, R39, R44, R46, R47	RES. 1K 1/4 W 5%	1300365	24
1	R27	RES. 47K 1/4 W 5%	1302177	23
7	R10, R20, R22, R25, R28, R31	RES. 5.6 K 1/4 W 5%	1301874	22
				21
1	C48	CAP. 15 PF 100V 5% DM	1000007	20
2	C42, C46	CAP. 330 PF 100V 5% DM	1000023	19
1	C43	CAP. 1800 PF 100V 5% DM	1002424	18
1	C47	CAP. 100 PF 100V 5% DM	1000016	17
1	C36	CAP. 270 PF 100V 5% DM	1000022	16
1	C39	CAP. 33 PF 100V 5% DM	1000009	15
1	C40	CAP. 97 PF 100V 5% DM	1000011	14
1	C45	CAP. 18 PF 100V 5% DM	1002608	13
2	C49, C41	CAP. 10 PF 100V 5% DM	1000006	12
1	C44	CAP. 87 PF 100V 5% DM	1001739	11
* 32	C1-C32	CAP. 22M 50V-20% 870+180V	1010274-01	10
2	C33, C34	CAP. 6.8 M 35V 10% TANT	1005306	9
1	C37	CAP. 470 PF 100V 5% DM	1000054	8
				7
8		EXHLET (85-9-7) STANDARD	9006732	6
4		HANDLE FLIP-CHIP MOUNTING	9008337-06	5
1		STANDARD CIRCUIT BOARD	9003990	4
REF		MODULE PCB METER	8701-17857-0-6	3
REF		ASSY/BOARDING REF CURRENT	8701-17857-0-5	2
REF		X-Y COORDINATE AND LOCATION	8701-17857-0-4	1

IC TYPE	GND	+5V
I.C. DEC 514	1	8
I.C. DEC 7457	8	16
I.C. DEC 7416	8	16
I.C. DEC 8292	8	16
I.C. DEC 580	1	8

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

IC PIN LOCATIONS



FIRST USED ON OPTION MODEL
RK11-D

ETCH BOARD REV B

ORIGINATOR: D
CHANGE NO.:
REVISIONS:

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

SEMICONDUCTOR CONVERSION CHART

DATE: 12/22/72
PROJ: BJS CONTROL
AUTH: [Signature]
DATE: 12/22/72

TITLE: BJS CONTROL RK11-D

SCALE: NONE

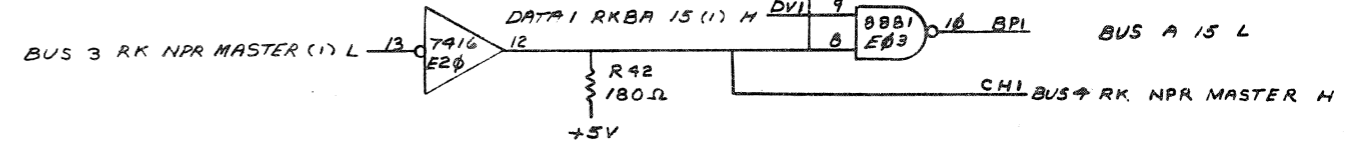
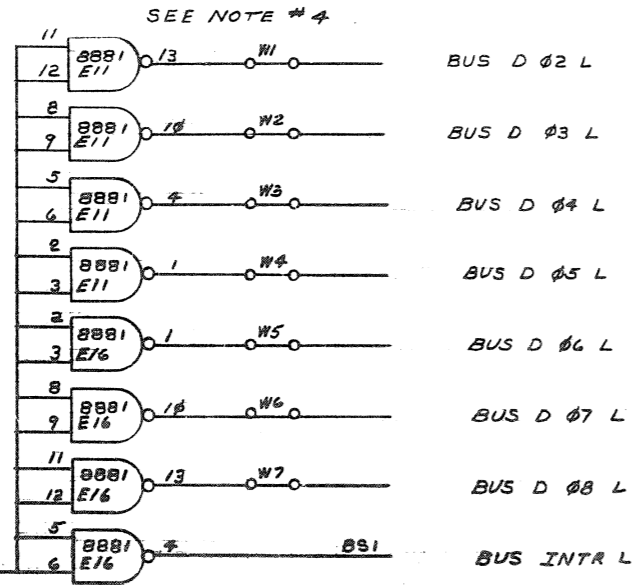
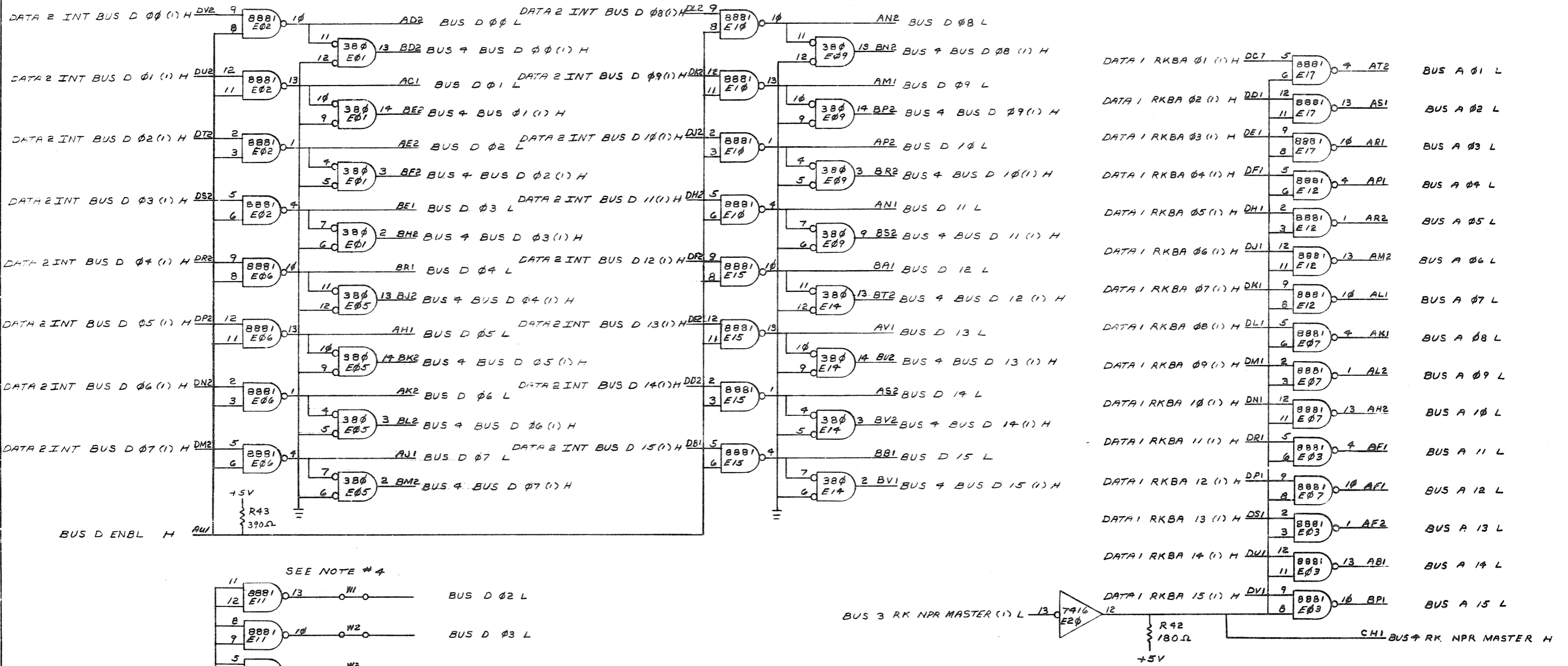
SHEET 2 OF

DIST. CODE: DICS M7257-0-1

REVISIONS: E

BRUNING 40-522 16699
DEC FORM NO. 1162

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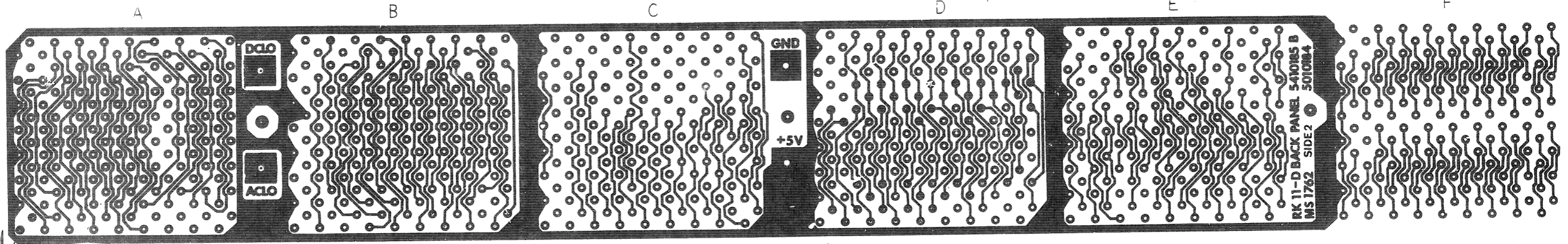
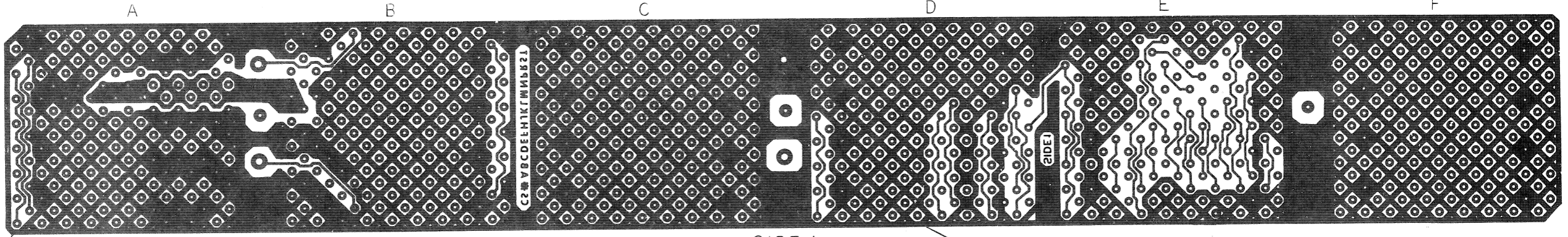


REV	CHANGE NO

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RKII-D				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES				
DECIMALS		ANGLES		
.XXX - .008		20° 30'		
.XX - .02				
.X - .1				
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY				
MATERIAL		NEXT HIGHER ASSY.		
FINISH		B-DD-RKII-D		
		SCALE	NONE	
		SHEET	6 OF	
		SIZE CODE	DCS	
		NUMBER	M7257-0-1	
		REV.	A	

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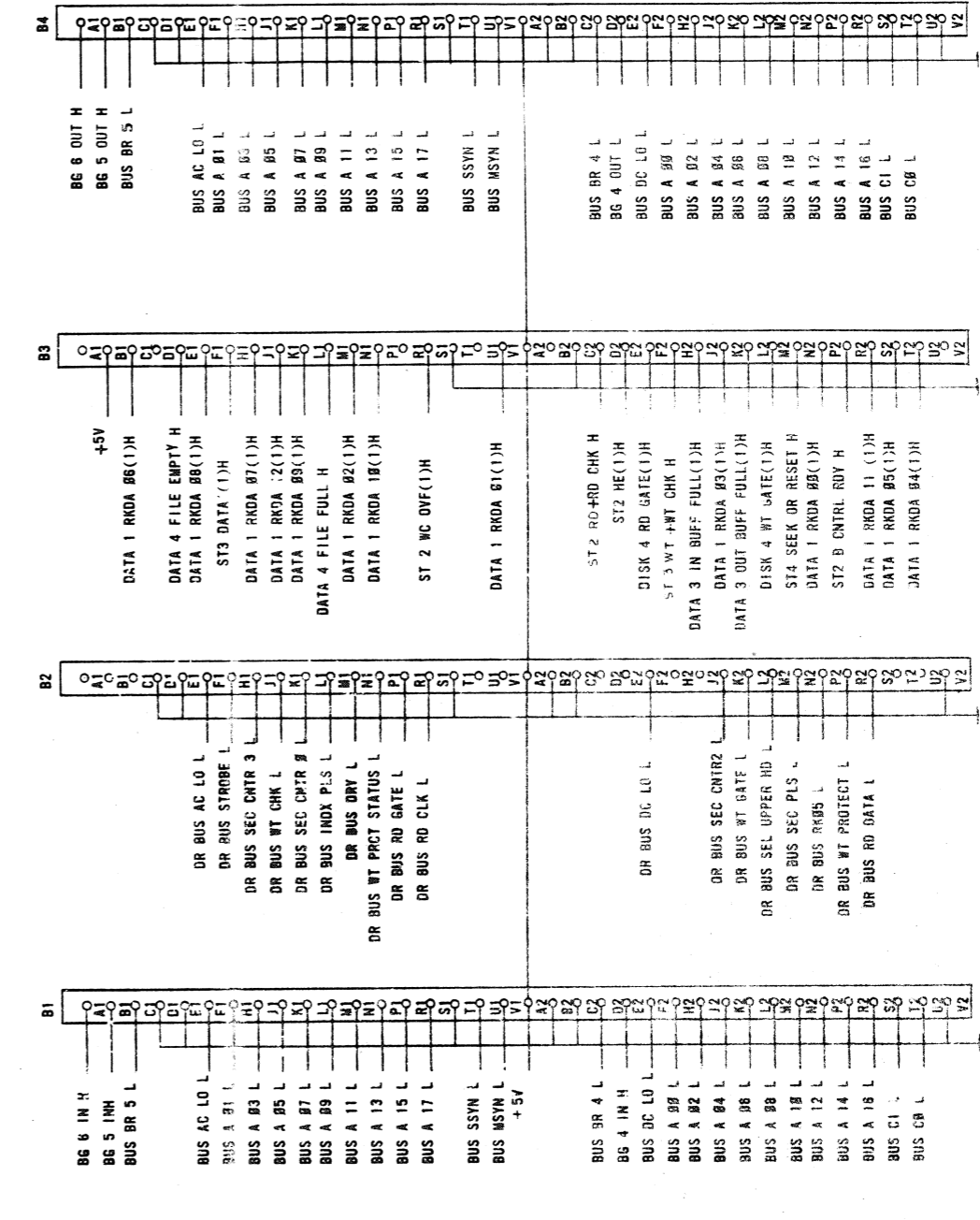
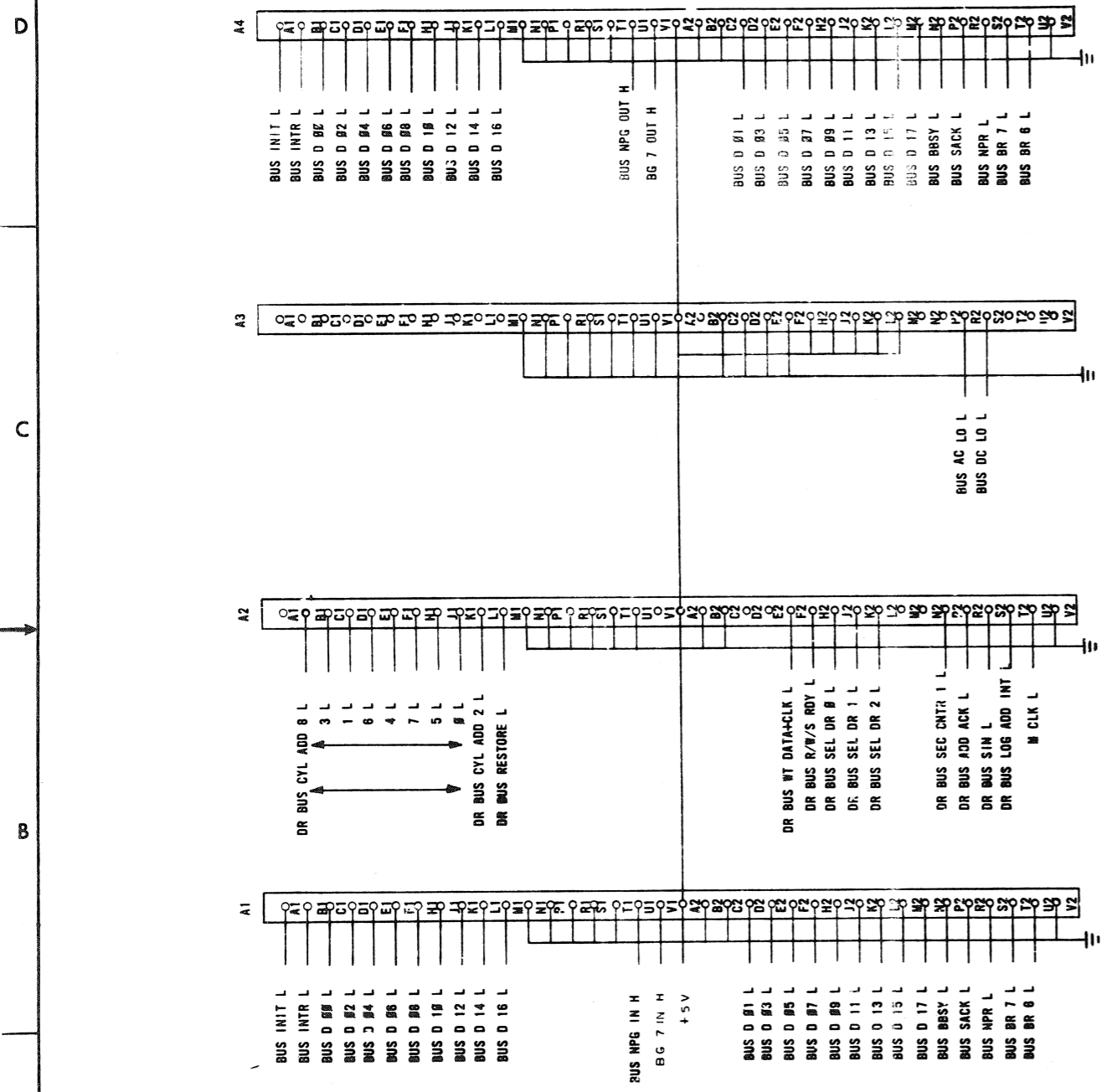
REVISIONS	NO.	REV.
CHK	CHANGE NO.	ORIGINATED
		A

ETCH REV		PARTS LIST	
FIRST USED OR OPTION/MODEL	QTY.	DESCRIPTION	PART NO. ITEM NO.
RK11-D			
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRN. DATE	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
DECIMALS .XXX = .008	10/17/72	TITLE	
.XX = .02	11/11/72	CIRCUIT SCHEMATIC (RK11-D)	
.X = .1	11/17/72	SIZE CODE	NUMBER
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	1/2/73	D	CS 541085 B
MATERIAL	NEXT HIGHER ASSY.	REV	
FINISH	B-DD-RK11-D	1	
SHEET	OF	DIST.	

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REV 2
NUMBER B-00-RK11-D-3
SIZE CODE D1C



BRUNING 40-322 18640

REV	CHANGE NO.

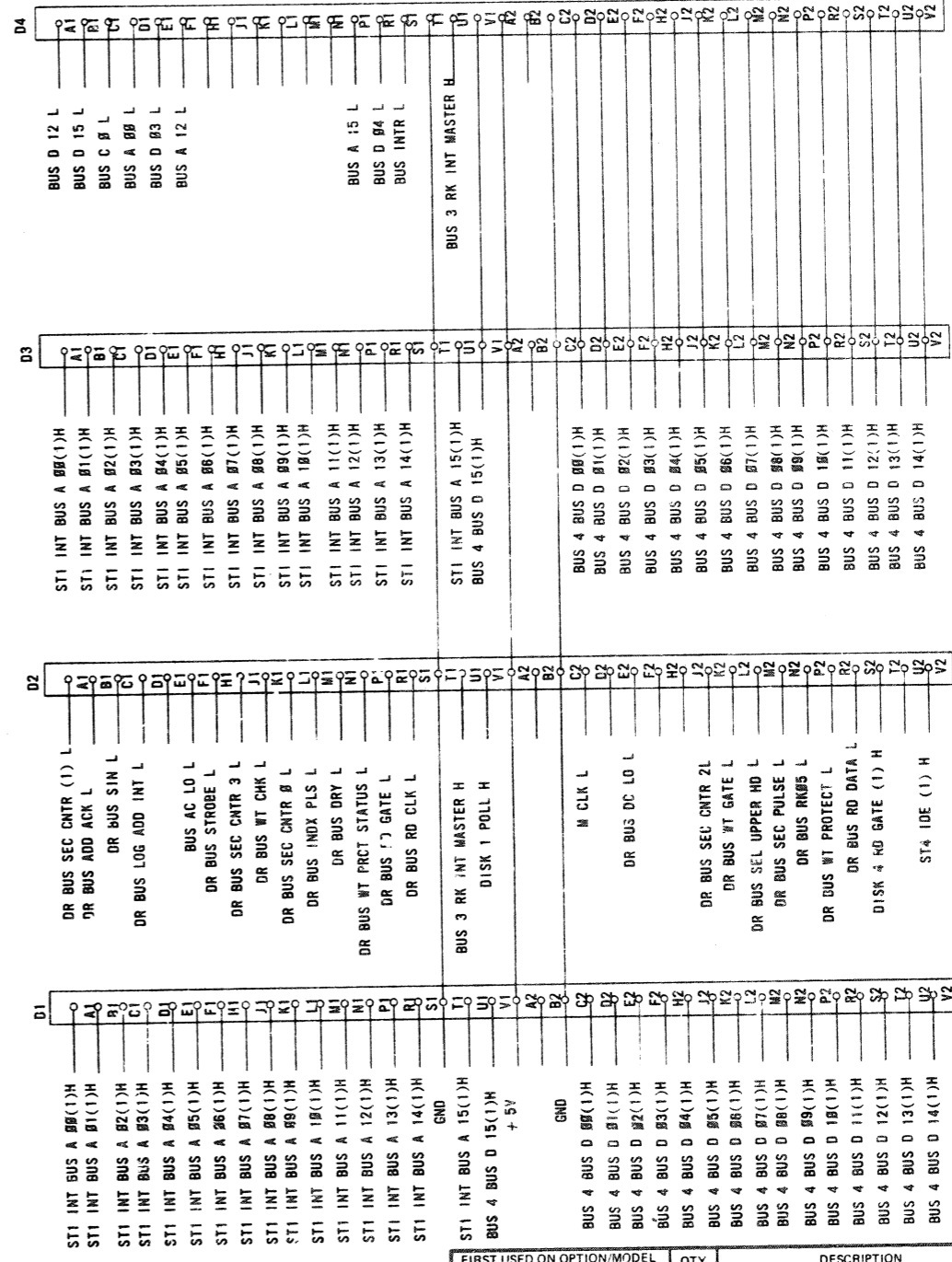
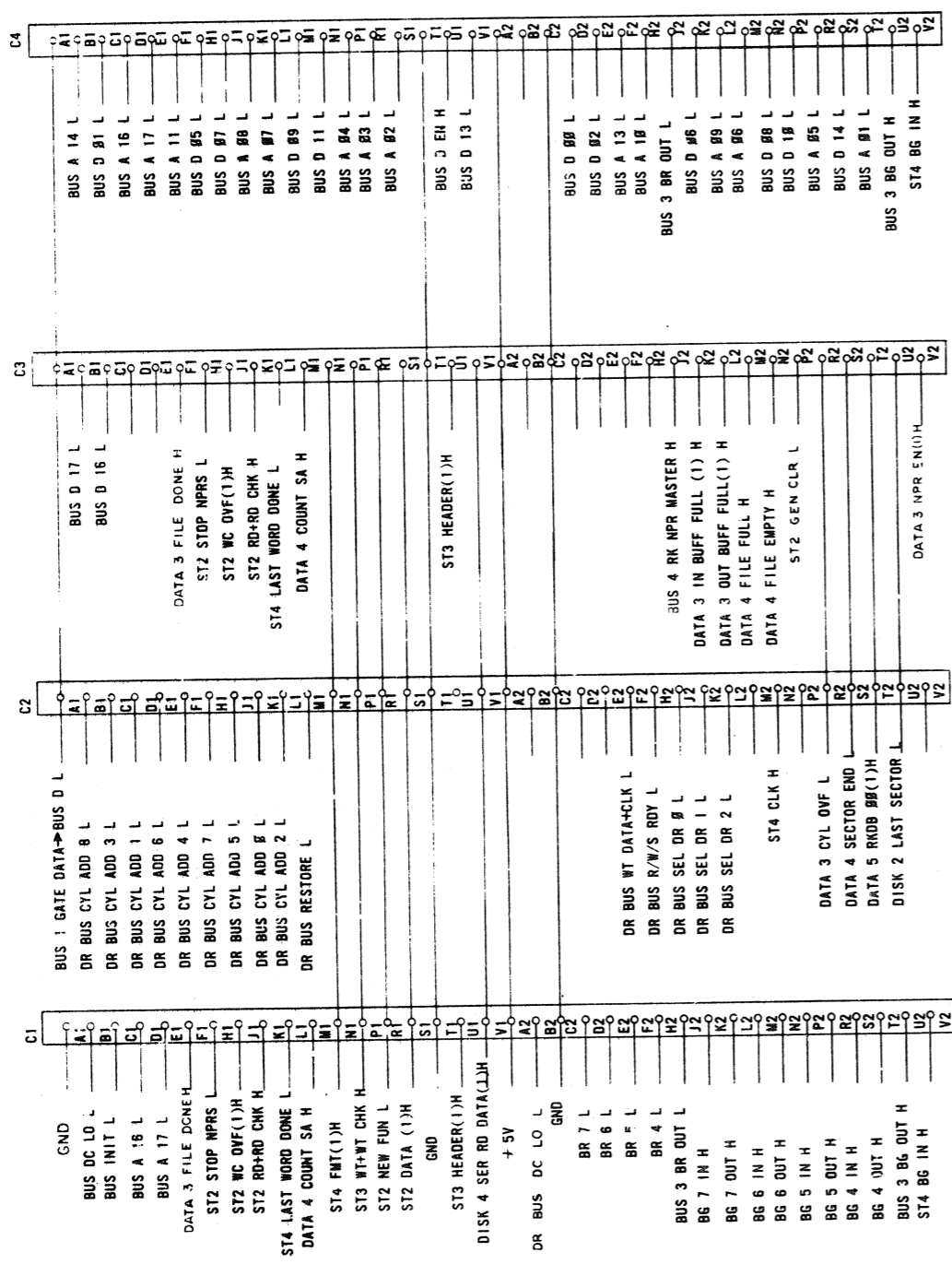
FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK11-D				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DATE 9-20-72 DATE 11/1/72	PARTS LIST	
DECIMALS	ANGLES	ENG. DATE 11/1/72	TITLE	
XXX - DIM	±0.001	PROBLEM DATE 11/1/72	RK11-D BACKPANEL	
XX - 02		PROD. DATE 11/1/72	SIZE CODE	
X - 1			NUMBER	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY			D1C RK11-D-3	
MATERIAL	NEXT HIGHER ASSY.		REV	
FINISH	B-00-RK11-D		DIST	
	SCALE		SHEET 2 OF	

REV 2
NUMBER B-00-RK11-D-3
SIZE CODE D1C

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DIGITAL EQUIPMENT CORPORATION

REV	NO	CHANGE NO



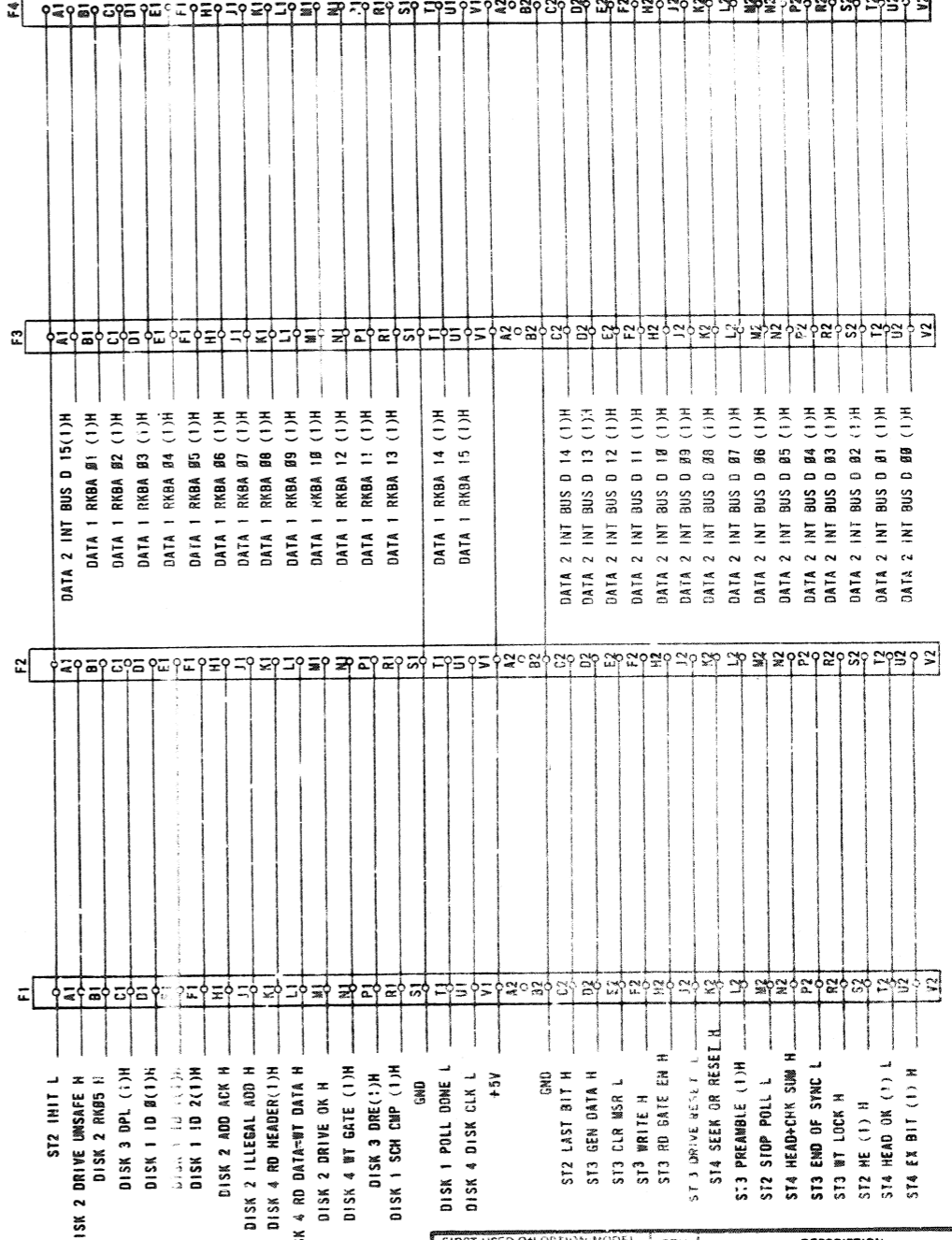
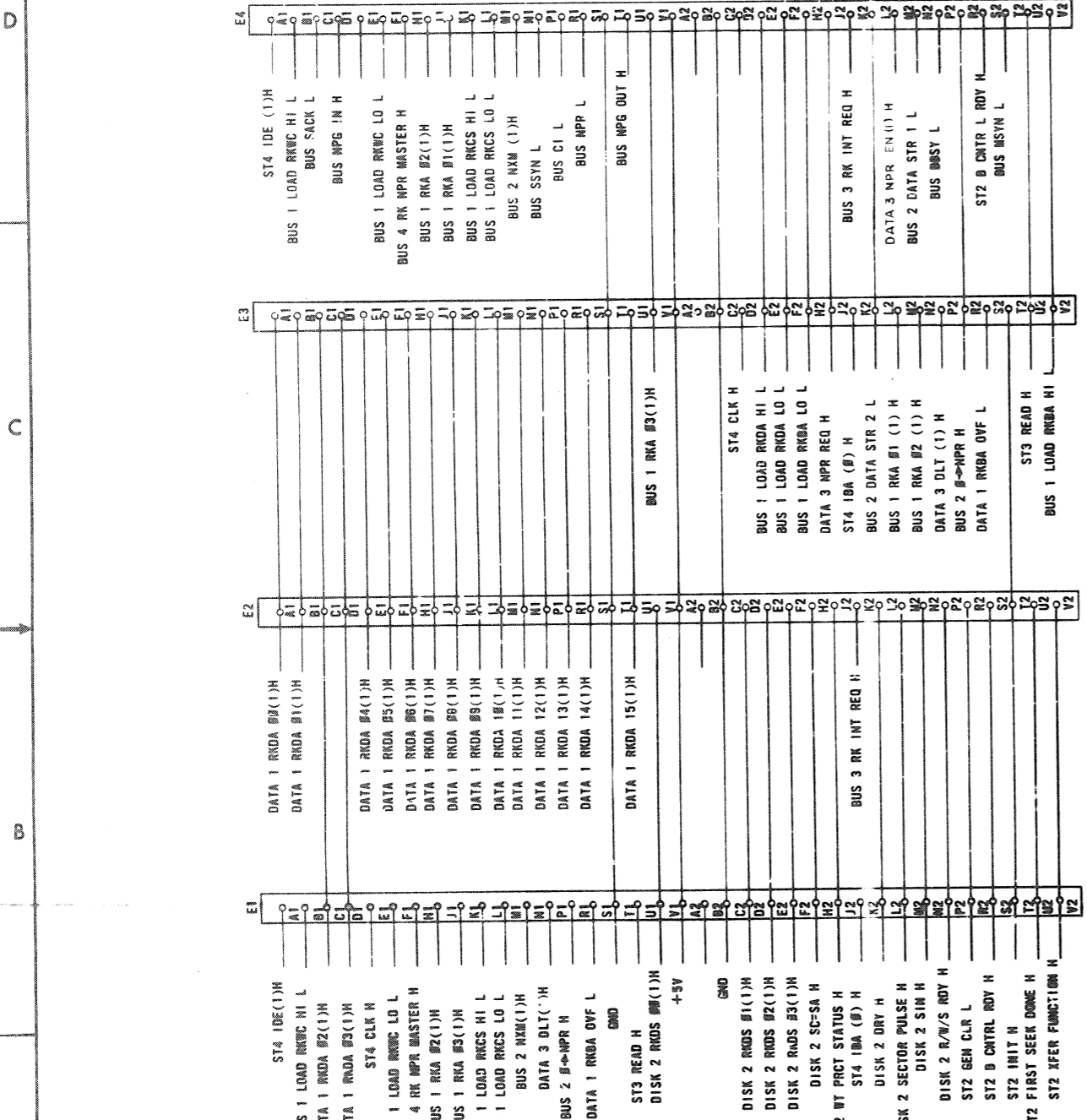
FIRST USED ON OPTION/MODEL	QTY	DESCRIPTION	PART NO.	ITEM NO.
RK11-D				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES	DATE 9-20-70	DATE 11/1/72	digital EQUIPMENT CORPORATION MARYLAND MASSACHUSETTS	
DECIMALS .XXX = .005 .XX = .02 X = .1	ANGLES ±0° 30'	DATE 11/1/72	TITLE	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROJ. ENG. W. D. Dwyer	DATE 11/1/72	RK11-D BACKPANEL	
MATERIAL	NEXT HIGHER ASSY.	SCALE	SIZE CODE	NUMBER
FINISH	B-DD-RK11-D	3	D I C	RK11-D-3
		SHEET 3 OF	DIST.	REV C

REV C NUMBER D I C R K I I - D - 3

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DIGITAL EQUIPMENT CORPORATION

2 D I C R K I I - D - 3



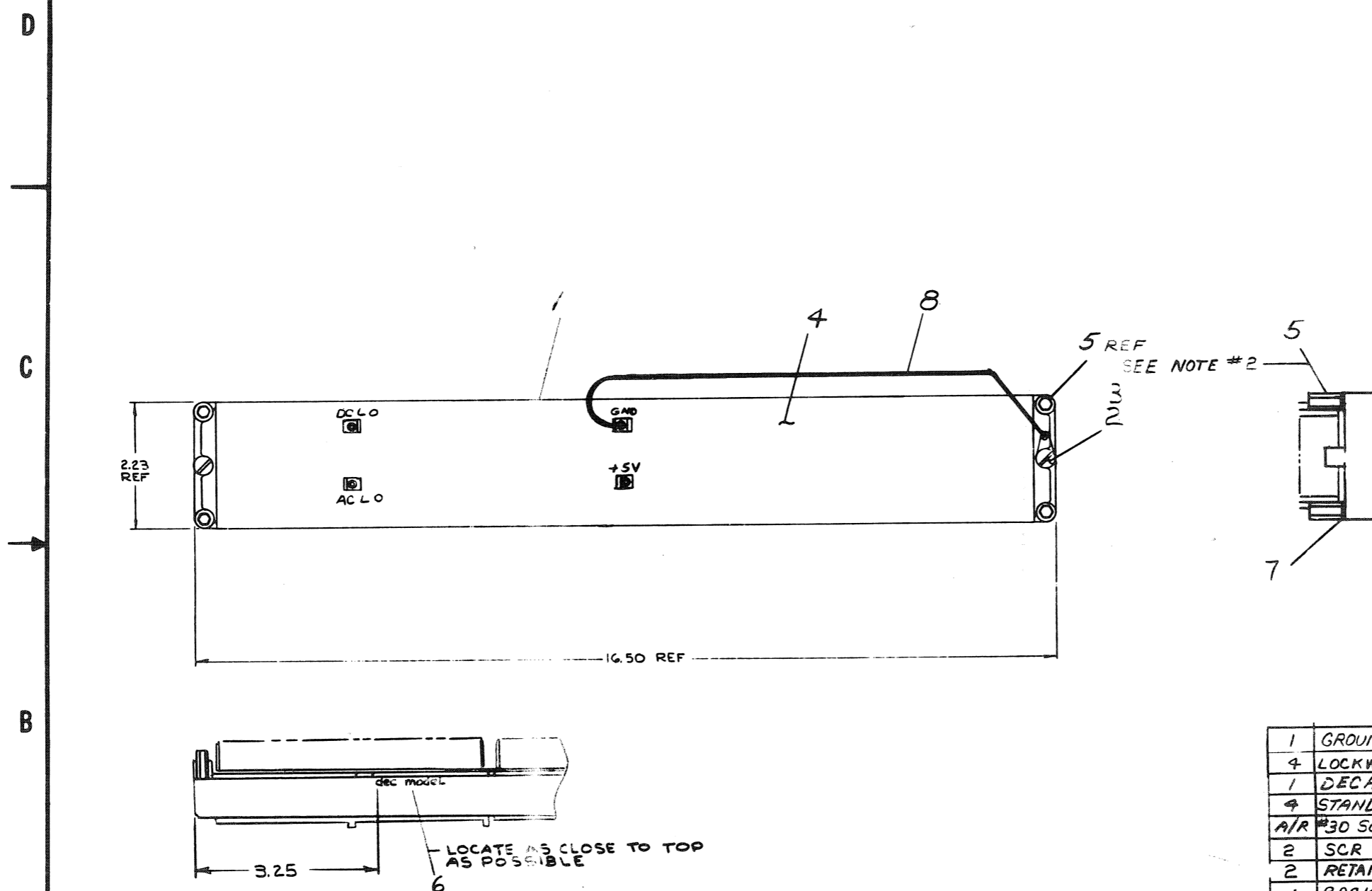
CHK	CHANGE NO	REV

REVISIONS

FIRST USED ON OPTION/MODEL	QTY	DESCRIPTION	PART NO	ITEM NO
RKII-D				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES				
DECIMALS	ANGLES	DATE		
.XXX - .005	±0° 30'	DATE	EQUIPMENT CORPORATION	
.XX - .02		DATE	MAYNARD MASSACHUSETTS	
.X - .1		DATE		
REMOVE BLAIRS AND BREAK SHARP CORNERS SURFACE QUALITY				
MATERIAL	NEXT HIGHER ASSY	TITLE		
FINISH	SCALE	RKII-D BACKPANEL		
		SIZE CODE	NUMBER	REV
		DIC	RKII-D-3	A
	SHEET 4 OF	DIST.		

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- NOTES:**
1. USE YELLOW WIRE ITEM #4 FOR MACHINE WRAPPED.
 2. INSTALL STAND-OFFS (ITEM #5) BEFORE AWT.
 3. FOR CIRCUIT SCHEMATIC REFER TO D-CS-5410185-0-1
 4. INSTALL GROUND CABLE (ITEM #8) AFTER AWT.



QTY.	DESCRIPTION	PART NO.	ITEM NO.
1	GROUND CABLE	CIA-7009378-0-0	8
4	LOCKWASHER #6 EXT TOOTH	9007649	7
1	DECAL LOGIC SERIAL NUMBER	A-55-740789-00	6
4	STAND-OFF JAN #176 B	9009120-1	5
A/R	#30 SOLID CONDUCTOR KYNAR	9105740-99	4
2	SCR CAPTIVE (8-32X1.78)	9008157	3
2	RETAINING RING	9009316-1	2
1	BACK PANEL (RK11-D)	D-IA-700913100	1

FIRST USED ON OPTIGN/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK11-D				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DBN. <i>G. Wilson</i>	DATE <i>9/25/72</i>	 digital EQUIPMENT CORPORATION <small>MAYNARD MASSACHUSETTS</small>
DECIMALS	ANGLES	CHK'D <i>[Signature]</i>	DATE <i>10/1/72</i>	
.XXX = .005	±0° 30'	ENG. <i>[Signature]</i>	DATE <i>10/1/72</i>	
.XX = .02		PROJ. ENG. <i>[Signature]</i>	DATE <i>11/2/72</i>	
REMOVE BURRS AND BREAK SHARP CORNERS. SURFACE QUALITY ✓		PROD. <i>[Signature]</i>	DATE <i>11/2/72</i>	TITLE WIRED ASS'Y (RK11-D)
MATERIAL		NEXT HIGHER ASSY.		
FINISH		B-DD-RK11-D		SIZE CODE
		SCALE		NUMBER
		SHEET 1 OF 1		CIA 7009142-0-0
				REV. A

REV. A	DATE 11-12-73
CHKD. NO. 10-1	ORA
PK11-D-0010	R. Come

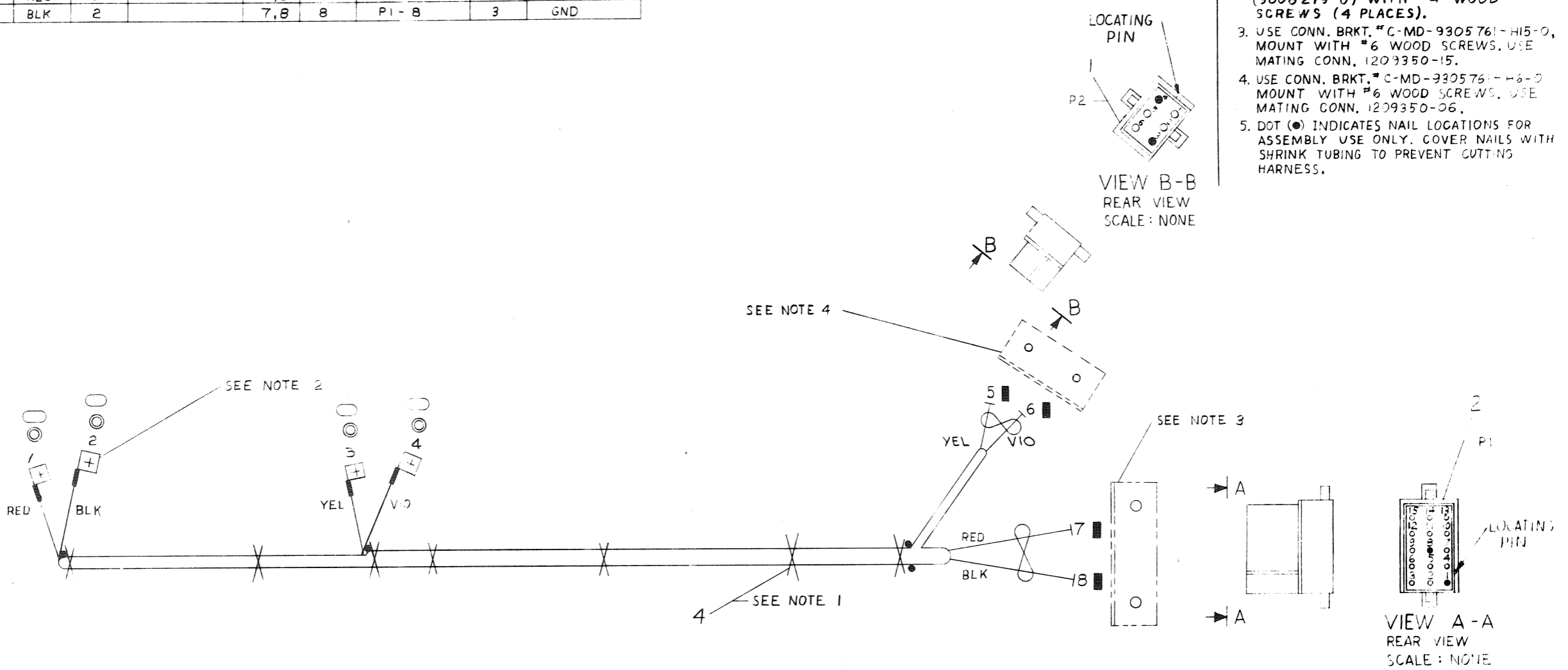
44-107 11009

NUMBER 7009142-0-0
 CODE CIA
 REV. A

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WIRE TABLE										
ITEM NO	DESCRIPTION			FROM			TO			SIGNAL
	AWG	COLOR	POINT	CONNECTION	TERM	POINT	CONNECTION	TERM		
6	#18	YEL	3		7,8	5	P2-4	3	AC LO	
TWP	#18	VIO	4		7,8	6	P2-3	3	DC LO	
5	#14	RED	1		7,8	7	P1-1	3	-5	
TWP	#14	BLK	2		7,8	8	P1-8	3	GND	

- NOTES:
- USE TIE WRAPS (X) ITEM #4 APPROXIMATELY EVERY THREE (3) INCHES WHEN NECESSARY, AND AT EVERY BREAKOUT POINT.
 - ATTACH MALE FASTON DEC # (3008219-0) WITH #4 WOOD SCREWS (4 PLACES).
 - USE CONN. BRKT. #C-MD-9305761-H15-0, MOUNT WITH #6 WOOD SCREWS, USE MATING CONN. 1209350-15.
 - USE CONN. BRKT. #C-MD-9305761-H6-0 MOUNT WITH #6 WOOD SCREWS, USE MATING CONN. 1209350-06.
 - DOT (●) INDICATES NAIL LOCATIONS FOR ASSEMBLY USE ONLY. COVER NAILS WITH SHRINK TUBING TO PREVENT CUTTING HARNESS.



○	A/R	TUBING, SHRINKABLE 3/16ID X 9/16	9107305-02	8
○	4	CONN, SOLDERLESS	3003262-00	7
	A/R	WIRE #18 AWG TWP YEL/VIO	3107430-47	6
	A/R	WIRE #14 AWG TWP BLK/RED	3107440-02	5
X	A/R	WRAP, TIE	9007031	4
■	4	PIN, MALE	1209378-01	3
	1	HOUSING, CONN. 15 PIN	1209351-15	2
	1	HOUSING, CONN. 6 PIN	1209351-06	1

FIRST USED ON OPT / MCD	SYM.	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK11-D					
PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES	DRN. <i>B. B. Indipit</i>	DATE 9-29-73	digital EQUIPMENT CORPORATION		
TOLERANCES	CHK'D. <i>D. J. Jones</i>	DATE 9/29/73	TITLE		
DECIMALS .xxx = .005	ENG. <i>D. J. Jones</i>	DATE 9/11/73	OPTION HARNESS		
ANGLES .xx = .02	PROJ. ENG.	DATE 9/11/73	RK11-D		
.x = .1	REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY V	PROD. <i>W. H. Jones</i>	DATE 10/11/73	SIZE CODE	
MATERIAL	NEXT HIGHER ASSY.	SCALE 1/1		NUMERICAL	
SEE PARTS LIST	FINISH	SHEET 1 OF 1	DIST	7009554-00	

DO NOT REDUCE
DO NOT BUILD FROM REDUCED PRINT

CAUTION - DRAWING SIZE AND SCALE REDUCED FOR MICROFILM NOT TO BE USED FOR PRODUCTION

REV	CHANGE NO

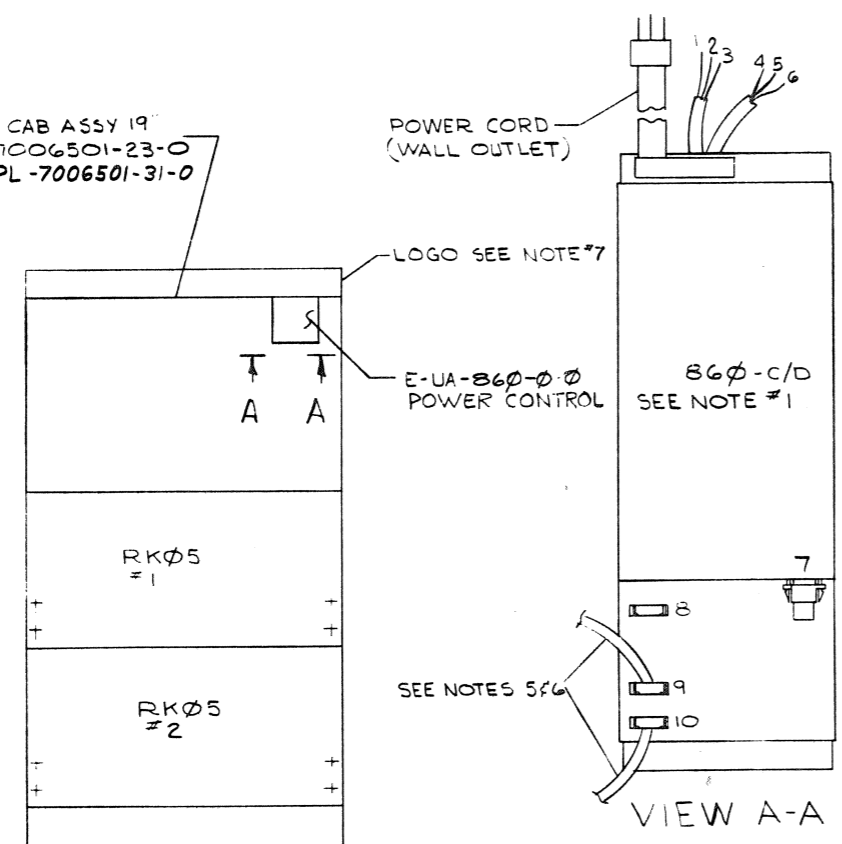
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NOTES:

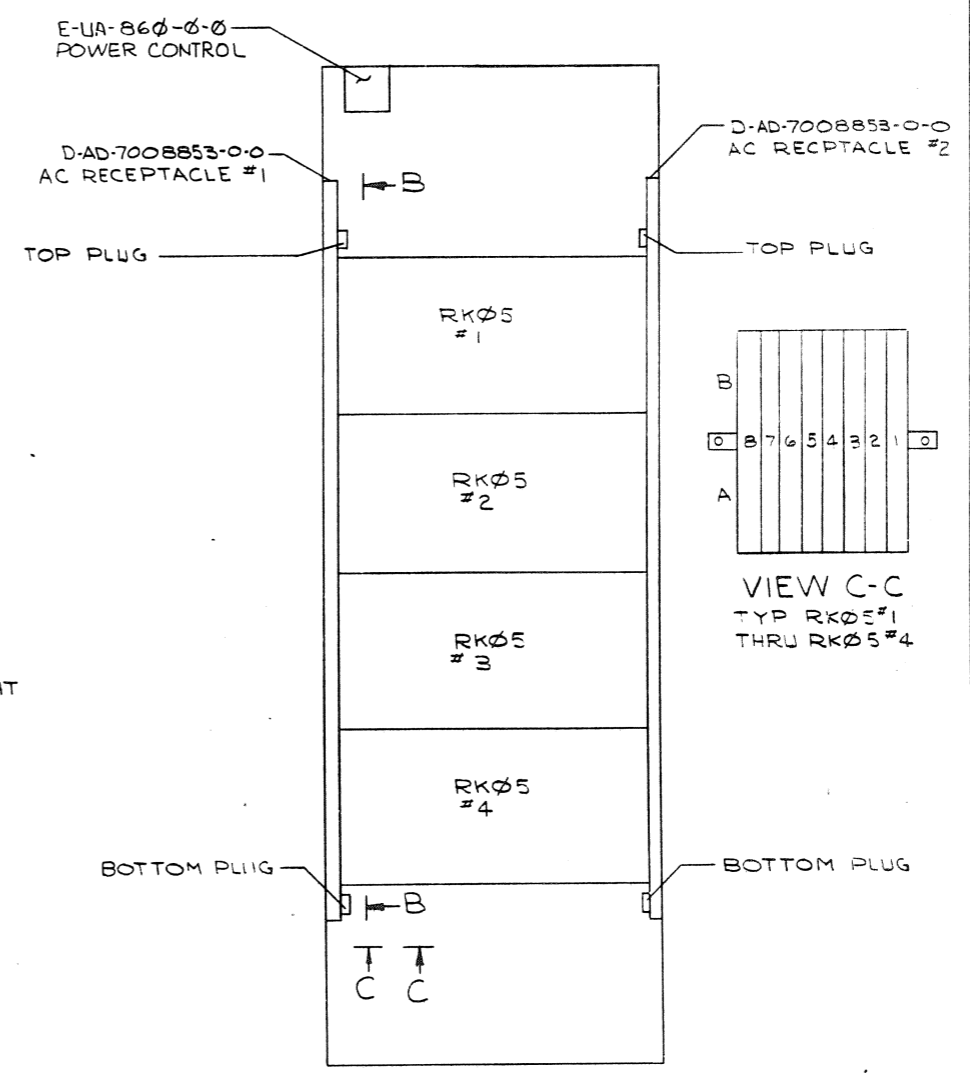
- TO REWORK 860-A & B TO 860-C & D REFER TO DRAWING E-UA-860-B-0.
- IF LESS THAN 4 DRIVES, THE M330 MODULE IS MOVED TO THE LAST DRIVE ON THE BUS IN THE SLOT NORMALLY OCCUPIED BY THE OUTCOMING BC11A CABLE.
- IF MORE THAN 4 DRIVES, EACH WILL BE CONFIGURED SIMILARLY IN A SECOND CAB.
- AS REQUIRED BY CONTROLLER, THE INCOMING CABLE TO RK05 #5 MAY COME DIRECTLY FROM A DISK CONTROL OR FROM THE SLOT NORMALLY OCCUPIED BY THE M330 IN RK05 #4. (SEE NOTE #2). POWER AND CABLING INFORMATION ALSO APPLY TO CAB #2.
- IN A SYSTEM USING PDP-11/15, 11/20, OR PDP-8 PROCESSORS AND IF 860 OR 861 POWER CONTROL IS FIRST IN THE CHAIN OF POWER CONTROLS, CONNECT P1 OF CABLE #7008964 TO POWER CONTROL AND P2 OF 2 CABLE #7008964 TO H720-E/F IN THE PROCESSOR. DO NOT USE ANY OTHER JUMPER PLUG IN THE PROCESSOR POWER SUPPLY. IN ALL OTHER SITUATIONS USE CABLE #7008288 FOR INTERCONNECTIONS.
- PLUGS 8, 9 AND 10 ARE WIRED IN PARALLEL USE ANY PLUGS AS REQUIRED. NO JUMPER PLUG IS REQUIRED ON THE 860 OR 861 POWER CONTROL.
- USE BLANK LOGO. COLOR TO COINCIDE WITH PRODUCT LINE.
- TO MOUNT CHASSIS SLIDES ON RACK USE MOUNTING HARDWARE KIT #7009276 OR ITEMS.
 - TINNERMAN NUT #9007786
 - #10-32 PHL TRUSS #9006074-3 HD SCR 5/8 LG
 - #10 EXTERNAL TOOTH #9007651 WASHER
 LOCATION OF MOUNTING HOLES TO BE AS FOLLOWS: STARTING FROM BOTTOM OF RACK HOLE NUMBERS FOR FRONT AND REAR, LEFT AND RIGHT

21, 24
39, 42
57, 60
75, 78
- USE THE PRE-FOLDED CREASES ON THE DISK BUS CABLE FOR CLAMPING. DO NOT PULL THE CABLE TIGHT AGAINST PRE-FILTER. LEAVE SERVICE LOOP SO THAT HAND CAN FIT BETWEEN THE CABLE AND FILTER.
- RK05'S PLUG INTO SWITCHED AC OUTLETS ONLY.

BASIC CAB ASSY 19"
C-PL-7006501-23-0
OR C-PL-7006501-31-0

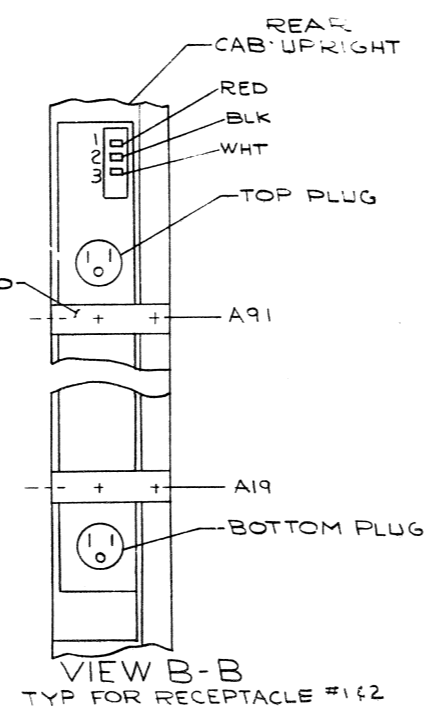


FRONT VIEW



REAR VIEW

CONFIGURATION WITH 860 POWER CONTROL



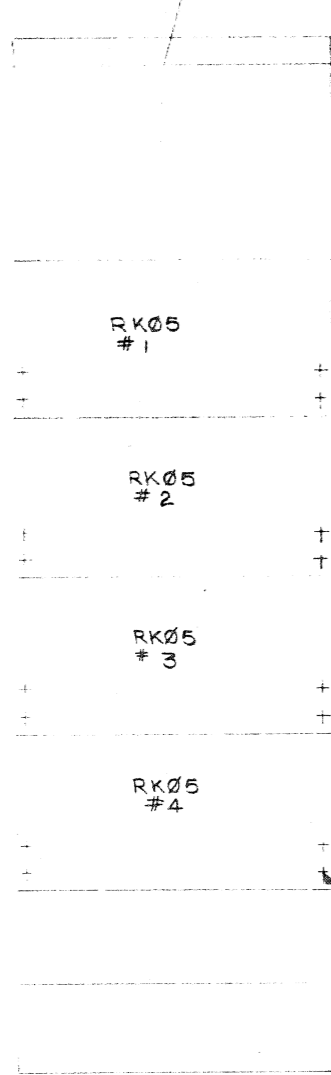
VIEW B-B
TYP FOR RECEPTACLE #1 & 2

REV	CHANGE NO	DATE	BY	CHK'D
1	RK05-00029	3-20-72	G. SCHNEIDER	
2			G. SCHNEIDER	
3			G. SCHNEIDER	
4			G. SCHNEIDER	
5			G. SCHNEIDER	
6			G. SCHNEIDER	
7			G. SCHNEIDER	
8			G. SCHNEIDER	

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
RK05				
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN. DATE 5/10/72	digital EQUIPMENT CORPORATION	
DECIMALS ANGLES		CHK'D. DATE 6-21-72	MAYNARD MASSACHUSETTS	
.XXX - .005	±0° 30'	ENG. DATE 7-12-72	TITLE	
.XX - .02		PROD. ENG. DATE 7-12-72	RK05	
.X - .1		PROD. DATE 7-12-72	OPTION CONFIGURATION	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY		PROD. DATE 7/31/72	SIZE CODE NUMBER REV	
MATERIAL	NEXT HIGHER ASSY.		D00	PK05-0-13
FINISH			1	B
	SCALE		SHEET	1 OF 3

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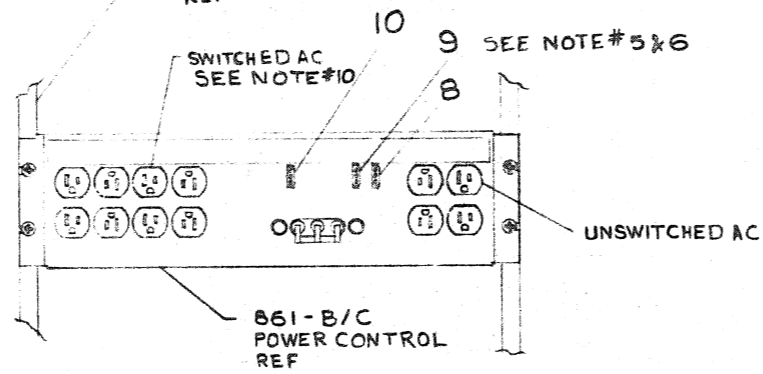
BASIC CABINET ASSY 19"
C-PL-7006501-23-0
REF C-PL-7006501-31-0



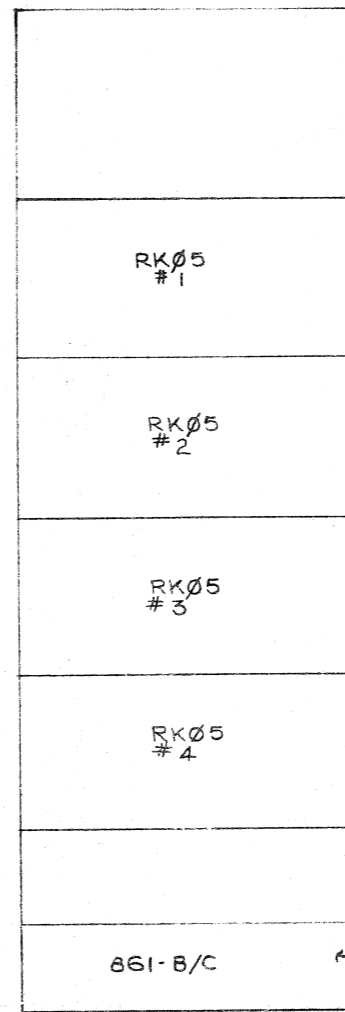
FRONT VIEW

LOGO SEE NOTE #7

BASIC CAB ASSY 19"
C-PL-7006501-23-0
REF



DETAIL "A"
NOT TO SCALE



REAR VIEW

CONFIGURATION WITH 861 POWER CONTROL

BRUNING 40 107 15868
REVISIONS
CHANGE NO.
CHK
REV

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES		DRN. <i>W. J. [Signature]</i>	DATE 7-10-72	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS
DECIMALS .005 .XX .02 .X .1		CHK'D. <i>W. J. [Signature]</i>	DATE 7-10-72	
ANGLES ±0° 30'		ENG. E. SIMMONS	DATE 7-12-72	TITLE RK05 OPTION CONFIGURATION
REMOVE BURRS AND BREAK SHARP CORNERS. SURFACE QUALITY ✓		PROJ. ENG. E. SIMMONS	DATE 7-12-72	
MATERIAL		PROD. A. KARLSBERG	DATE 7-31-72	
FINISH		NEXT HIGHER ASSY.		SIZE CODE D OC
		SCALE		NUMBER RK05 - 0 - 15
		SHEET 2 OF 3		REV. B

REV. B
NUMBER D100 RK05 - 0 - 15
REV. B

POWER CORD CONNECTIONS WITH 860 POWER CONTROL

FROM	TO
RK05#1	AC RECEPTACLE #1 TOP PLUG
RK05#2	AC RECEPTACLE #2 TOP PLUG
RK05#3	AC RECEPTACLE #2 BOTTOM PLUG
RK05#4	AC RECEPTACLE #1 BOTTOM PLUG

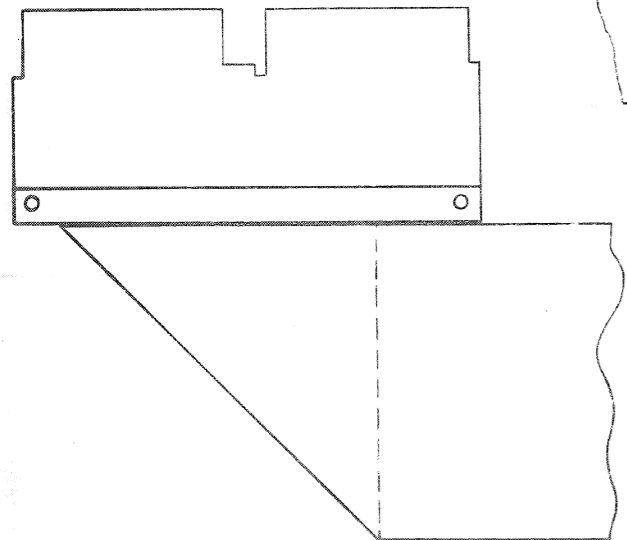
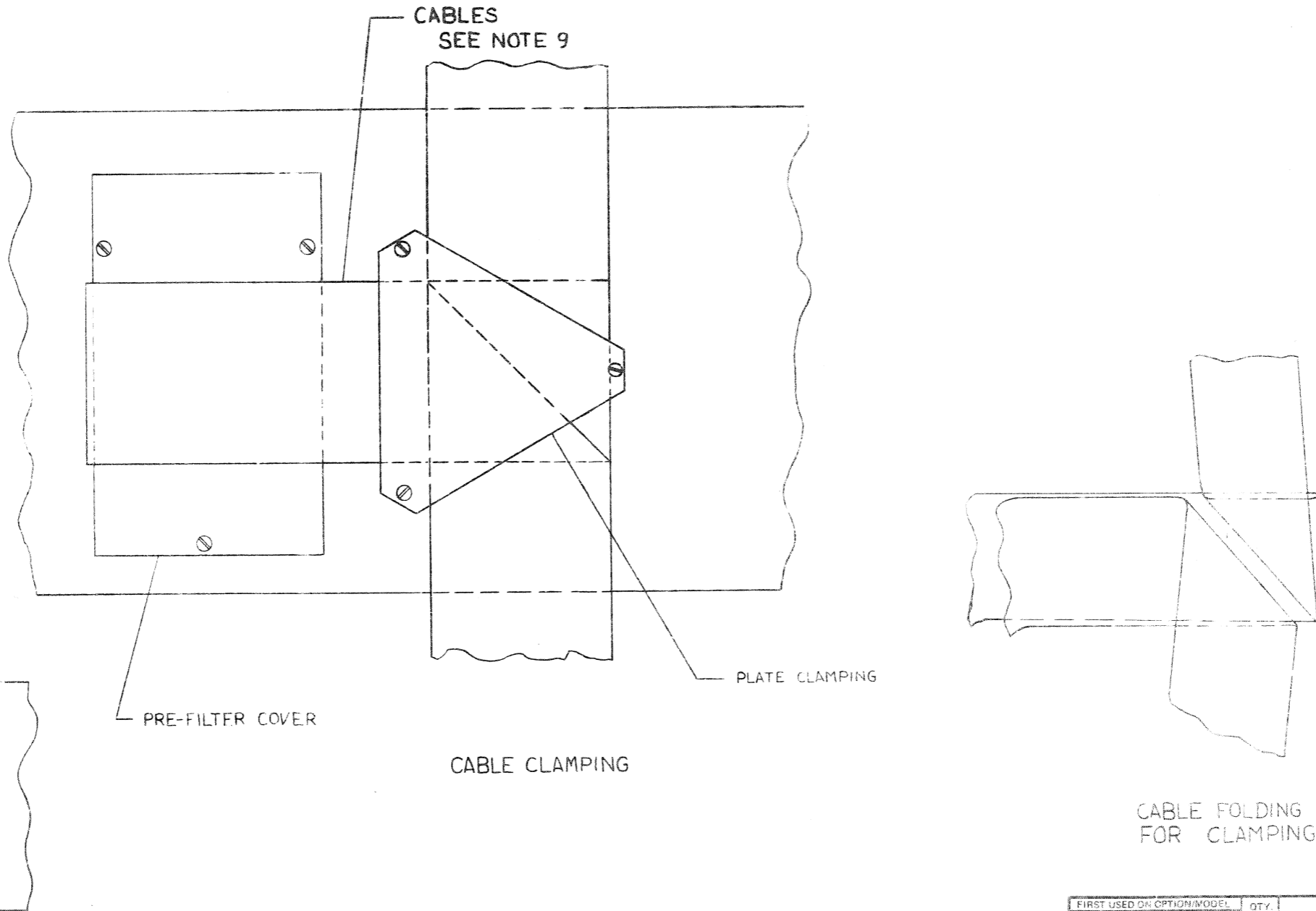
BUS CABLE CONNECTIONS

FROM		TO		CABLE	REMARKS
DEVICE	LOCATION	DEVICE	LOCATION		
DISK CONTROL	A/R	RK05#1	AB8	BC11A	LENGTH A/R
RK05#1	AB7	RK05#2	AB7	BC11A-6	
RK05#2	AB8	RK05#3	AB8	BC11A-6	
RK05#3	AB7	RK05#4	AB7	BC11A-6	
RK05#4	AB8	—	—	M930	MODULE

860 POWER CONNECTIONS

AWG	COLOR	FROM	TO	REMARKS
10 TWP	BLK	860-PT#1*	RECP #1-1	SEE VIEW B-B
	WHT	860-PT2*	#1-2	
	RED	860-PT3*	#1-3	
10 TWP	BLK	860-PT4*	#2-1	SEE VIEW B-B
	WHT	860-PT5*	#2-2	
	RED	860-PT6*	RECP #2-3	

*(ASTERISK) INDICATES WIRE POINTS ON 860 POWER CONTROL MARKED WITH BRADY MARKERS.



FIRST FOLD FOR UNIBUS CABLE

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES	DRN	DATE	digital EQUIPMENT CORPORATION <small>MAYNARD MASSACHUSETTS</small>	
DECIMALS FRACTIONS	CHK'D	DATE		
XXX - 005	ENG	DATE	TITLE RK05 OPTION CONFIGURATION	
XX - 02	PROD. ENG	DATE		
X - 1	PROD.	DATE	SIZE CODE DOC-RK05-0-15	
MATERIAL	NEXT HIGHER ASSY			
FINISH	SCALE	SHEET	NUMBER B	

REV.	CHANGE NO.	DATE

DOC-RK05-0-15

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FIRST USED ON OPTION MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
RKII-D					
PARTS LIST					
DRN	DATE	digital EQUIPMENT CORPORATION <small>MAYNARD, MASSACHUSETTS</small> TITLE ETCH/WIRE LIST (RKII-D)			
<i>E. Wilson</i>	9/27/72				
CHK'D.	DATE				
<i>P. Fitzgerald</i>	10/11/72				
ENG.	DATE				
<i>Tom Em</i>	10/11/72				
PROJ. ENG.	DATE				
<i>Tom Em</i>	10/11/72				
PROD.	DATE				
<i>R. Woolley</i>	11/2/72				
NEXT HIGHER ASSEMBLY					
C-1A-7009142-0-0		SIZE CODE	NUMBER	REV.	
SCALE		K/WL	RKII-D-2	E	
SHEET	OF	DIST.			

REVISIONS		REV.
CHK	CHANGE NO.	
<i>PM</i>	RKIID-00003	A
Beasley 12-4-72		
T. ORR		
<i>PM</i>	RKIID-00005	B
<i>B. Blodgett</i> 4-3-73		
T. ORR		
<i>PM</i>	RKIID-00009	C
<i>E. Allain</i> 9-26-73		
T. ORR		
<i>PM</i>	RKIID-00011	D
<i>J. Chastin</i> 11-12-73		
ORR		
<i>PM</i>	RKIID-00013	E
<i>S. Mendenhall</i> 2-5-74		
T. ORR		

RUN NAME	A/P	PIN	ORDER	BAY -	C	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
BUS D09 (1)	H	D01P2	1-01 *	H	D01						1	HAND WIRE			62
BUS D09 (1)	H	D03P2	1-02 *	H	D01						2	HAND WIRE			62
BUS D09 (1)	H	D04P2	1-03 *	H	D01							H TO WHERE	6-0/8		62
BUS D10	L	A01J1	1-01 *	H	D02						2	HAND WIRE			63
BUS D10	L	A04J1	1-02 *		D02						1	TO HERE			63
BUS D10	L	C04P2	1-03 *		D01								12-0/8		63
BUS D10 (1)	H	D01R2	1-01 *	H	D01						1	HAND WIRE			64
BUS D10 (1)	H	D03R2	1-02 *	H	D01						2	HAND WIRE			64
BUS D10 (1)	H	D04R2	1-03 *	H	D01							H TO WHERE	6-0/8		64
BUS D11	L	A01K2	1-01 *	H	D02						2	HAND WIRE			65
BUS D11	L	A04K2	1-02 *		D02						1	TO HERE			65
BUS D11	L	C04N1	1-03 *		D01								11-6/8		65
BUS D11 (1)	H	D01S2	1-01 *	H	D01						1	HAND WIRE			66
BUS D11 (1)	H	D03S2	1-02 *	H	D01						2	HAND WIRE			66
BUS D11 (1)	H	D04S2	1-03 *	H	D01							H TO WHERE	6-0/8		66
BUS D12	L	A01K1	1-01 *	H	D02						2	HAND WIRE			67
BUS D12	L	A04K1	1-02 *		D02						1	TO HERE			67
BUS D12	L	D04A1	1-03 *		D01								13-0/8		67
BUS D12 (1)	H	D01T2	1-01 *	H	D01						1	HAND WIRE			68
BUS D12 (1)	H	D03T2	1-02 *	H	D01						2	HAND WIRE			68
BUS D12 (1)	H	D04T2	1-03 *	H	D01							H TO WHERE	6-0/8		68
BUS D13	L	A01L2	1-01 *	H	D02						2	HAND WIRE			69
BUS D13	L	A04L2	1-02 *		D02						1	TO HERE			69
BUS D13	L	C04V1	1-03 *		D01								12-4/8		69
BUS D13 (1)	H	D01U2	1-01 *	H	D01						1	HAND WIRE			70
BUS D13 (1)	H	D03U2	1-02 *	H	D01						2	HAND WIRE			70
BUS D13 (1)	H	D04U2	1-03 *	H	D01							H TO WHERE	6-0/8		70

RUN NAME	A/P	PIN	ORDER	BAY -	G	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
BUS D14	L	A01L1	1-01 *	H	D02						2	HAND WIRE			71
BUS D14	L	A04L1	1-02 *		D02						1	TO HERE			71
BUS D14	L	C04S2	1-03 *		D01								12-0/8		71
BUS D14 (1)	H	D01V2	1-01 *	H	D01						1	HAND WIRE			72
BUS D14 (1)	H	D03V2	1-02 *	H	D01						2	HAND WIRE			72
BUS D14 (1)	H	D04V2	1-03 *	H	D01							H TO WHERE	6-0/8		72
BUS D15	L	A01M2	1-01 *	H	D02						2	HAND WIRE			73
BUS D15	L	A04M2	1-02 *		D02						1	TO HERE			73
BUS D15	L	D04B1	1-03 *		D01								13-0/8		73
BUS D15 (1)	H	D01V1	1-01 *	H	D01						1	HAND WIRE			74
BUS D15 (1)	H	D03V1	1-02 *	H	D01						2	HAND WIRE			74
BUS D15 (1)	H	D04V1	1-03 *	H	D01							H TO WHERE	6-0/8		74
BUS D16	L	A01M1	1-01 *	H	D02						2	HAND WIRE			75
BUS D16	L	A04M1	1-02 *		D02						1	TO HERE			75
BUS D16	L	C03C1	1-03 *		D01								10-4/8		75
BUS D17	L	A01N2	1-01 *	H	D02						2	HAND WIRE			76
BUS D17	L	A04N2	1-02 *		D02						1	TO HERE			76
BUS D17	L	C03B1	1-03 *		D01								10-4/8		76
BUS DC LO	L	A03S2	1-01 *		D02						1				77
BUS DC LO	L	B04F2	1-02 *		D02						2				77
BUS DC LO	L	B01F2	1-03 *		D02						1				77
BUS DC LO	L	C01B1	1-04 *		D01								12-4/8		77
BUS INIT	L	A04A1	1-01 *	H	D02						2	HAND WIRE			78
BUS INIT	L	A01A1	1-02 *		D02						1	TO HERE			78
BUS INIT	L	C01C1	1-03 *		D01								11-4/8		78
BUS INTR	L	A01B1	1-01 *	H	D02						2	HAND WIRE			79
BUS INTR	L	A04B1	1-02 *		D02						1	TO HERE			79
BUS INTR	L	D04S1	1-03 *		D01								15-6/8		79

RUN NAME	A/P	PIN	ORDER	BAY	ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
GND 01		C01A1	C01C2	1-01 *	1							1				147
GND 01		C01C2		1-02 *	H	D01						2		HAND WIRE		147
GND 01		A01B2		1-03 *	H		D02					1		HAND WIRE		147
GND 01		A01C2		1-04 *	H		D02					2		HAND WIRE		147
GND 01		A01N1		1-05 *	H		D02					1		HAND WIRE		147
GND 01		A01P1		1-06 *	H		D02					2		HAND WIRE		147
GND 01		A01R1		1-07 *	H		D02					1		HAND WIRE		147
GND 01		A01S1		1-08 *	H		D02					2		HAND WIRE		147
GND 01		A01T1		1-09 *	H		D02					1		HAND WIRE		147
GND 01		A01V2		1-10 *	H		D02					2		HAND WIRE		147
GND 01		B01B2		1-11 *	H		D02					1		HAND WIRE		147
GND 01		B01C2		1-12 *	H		D02					2		HAND WIRE		147
GND 01		B01D1		1-13 *	H		D02					1		HAND WIRE		147
GND 01		B01E1		1-14 *	H		D02					2		HAND WIRE		147
GND 01		B01T1		1-15 *	H		D02					1		HAND WIRE		147
GND 01		B01V2		1-16 *	H		D02					2		HAND WIRE		147
GND 01		C01T1		1-17 *	H		D01					1		HAND WIRE		147
GND 01		D01C2		1-18 *	H		D01					2		HAND WIRE		147
GND 01		D01T1		1-19 *	H		D01					1		HAND WIRE		147
GND 01		E01C2		1-20 *	H		D01					2		HAND WIRE		147
GND 01		E01T1		1-21 *	H		D01					1		HAND WIRE		147
GND 01		F01C2		1-22 *	H		D01					2		HAND WIRE		147
GND 01		F01T1		1-23 *	H		D01					1		H TO WHERE		147
GND 01																147

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GND 02		A02B2		1-01 *	H		D02					2		HAND WIRE		148
GND 02		A02C2		1-02 *	H		D02					1		HAND WIRE		148
GND 02		A02N1		1-03 *	H		D02					2		HAND WIRE		148
GND 02		A02P1		1-04 *	H		D02					1		HAND WIRE		148
GND 02		A02R1		1-05 *	H		D02					2		HAND WIRE		148
GND 02		A02S1		1-06 *	H		D02					1		HAND WIRE		148
GND 02		A02T1		1-07 *	H		D02					2		HAND WIRE		148
GND 02		A02V2		1-08 *	H		D02					1		HAND WIRE		148
GND 02		A02U1		1-09 *	H		D02					2		HAND WIRE		148
GND 02		B02B2		1-10 *	H		D02					1		HAND WIRE		148
GND 02		B02C2		1-11 *	H		D02					2		HAND WIRE		148
GND 02		B02D1		1-12 *	H		D02					1		HAND WIRE		148
GND 02		B02E1		1-13 *	H		D02					2		HAND WIRE		148
GND 02		B02T1		1-14 *	H		D02					1		HAND WIRE		148
GND 02		B02V2		1-15 *	H		D02					2		HAND WIRE		148
GND 02		C02C2		1-16 *	H		D01					1		HAND WIRE		148
GND 02		C02T1		1-17 *	H		D01					2		HAND WIRE		148
GND 02		D02C2		1-18 *	H		D01					1		HAND WIRE		148
GND 02		D02T1		1-19 *	H		D01					2		HAND WIRE		148
GND 02		E02C2		1-20 *	H		D01					1		HAND WIRE		148
GND 02		F02T1		1-21 *	H		D01					2		HAND WIRE		148
GND 02		F02C2		1-22 *	H		D01					1		HAND WIRE		148
GND 02		F02T1		1-23 *	H		D01					1		H TO WHERE		148
GND 02																148

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GND 03		A03C2		1-01 *	H		D02					1		HAND WIRE		149
GND 03		A03D2		1-02 *	H		D02					2		HAND WIRE		149
GND 03		A03E2		1-03 *	H		D02					1		HAND WIRE		149
GND 03		A03F2		1-04 *	H		D02					2		HAND WIRE		149
GND 03		A03N1		1-05 *	H		D02					1		HAND WIRE		149
GND 03		A03P1		1-06 *	H		D02					2		HAND WIRE		149
GND 03		A03R1		1-07 *	H		D02					1		HAND WIRE		149
GND 03		A03S1		1-08 *	H		D02					2		HAND WIRE		149
GND 03		A03T1		1-09 *	H		D02					1		HAND WIRE		149
GND 03		A03U1		1-10 *	H		D02					2		HAND WIRE		149
GND 03		A03V1		1-11 *	H		D02					1		HAND WIRE		149
GND 03		B03C2		1-12 *	H		D02					2		HAND WIRE		149
GND 03		B03T1		1-13 *	H		D02					1		HAND WIRE		149
GND 03		C03C2		1-14 *	H		D01					2		HAND WIRE		149
GND 03		C03T1		1-15 *	H		D01					1		HAND WIRE		149
GND 03		D03C2		1-16 *	H		D01					2		HAND WIRE		149
GND 03		D03T1		1-17 *	H		D01					1		HAND WIRE		149
GND 03		F03C2		1-18 *	H		D01					2		HAND WIRE		149
GND 03		F03T1		1-19 *	H		D01					1		HAND WIRE		149
GND 03		F03C2		1-20 *	H		D01					2		HAND WIRE		149
GND 03		F03T1		1-21 *	H		D01					1		H TO WHERE		149
GND 03																149

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GND 04		A04B2		1-01 *	H		D02					1		HAND WIRE		150
GND 04		A04C2		1-02 *	H		D02					2		HAND WIRE		150
GND 04		A04N1		1-03 *	H		D02					1		HAND WIRE		150
GND 04		A04P1		1-04 *	H		D02					2		HAND WIRE		150
GND 04		A04R1		1-05 *	H		D02					1		HAND WIRE		150
GND 04		A04S1		1-06 *	H		D02					2		HAND WIRE		150
GND 04		A04T1		1-07 *	H		D02					1		HAND WIRE		150
GND 04		A04V2		1-08 *	H		D02					2		HAND WIRE		150
GND 04		B04B2		1-09 *	H		D02					1		HAND WIRE		150
GND 04		B04C2		1-10 *	H		D02					2		HAND WIRE		150
GND 04		B04D1		1-11 *	H		D02					1		HAND WIRE		150
GND 04		F04E1		1-12 *	H		D02					2		HAND WIRE		150
GND 04		B04T1		1-13 *	H		D02					1		HAND WIRE		150
GND 04		R04V2		1-14 *	H		D01					2		HAND WIRE		150
GND 04		C04C2		1-15 *	H		D01					1		HAND WIRE		150
GND 04		C04T1		1-16 *	H		D01					2		HAND WIRE		150
GND 04		D04C2		1-17 *	H		D01					1		HAND WIRE		150
GND 04		D04T1		1-18 *	H		D01					2		HAND WIRE		150
GND 04		F04C2		1-19 *	H		D01					1		HAND WIRE		150
GND 04		F04T1		1-20 *	H		D01					2		HAND WIRE		150
GND 04		F04C2		1-21 *	H		D01					1		HAND WIRE		150
GND 04		F04T1		1-22 *	H		D01					1		H TO WHERE		150
GND 04																150

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Run Name	A/P	Pin Name	Order Pin	Order Pin	Q	Draw RV PG Y	X	Z	Remarks	Length	Exceptions	Run Number
RKDB 00 (1)	H	C02T2	1-01 *	H	D01		1		HAND WIRE			261
RKDB 00 (1)	H	C03T2	1-02 *	H	D01				H TU WHERE			261
RKDB 00 (1)			1							2-6/8		261
RKDS 00 (1)	H	E01V1	1-01 *	H	D01		1		HAND WIRE			262
RKDS 00 (1)	H	E02V1	1-02 *	H	D01				H TU WHERE			262
RKDS 00 (1)			1							2-6/8		262
RKDS 01 (1)	H	E01D2	1-01 *	H	D01		1		HAND WIRE			263
RKDS 01 (1)	H	E02D2	1-02 *	H	D01				H TU WHERE			263
RKDS 01 (1)			1							2-6/8		263
RKDS 02 (1)	H	E01E2	1-01 *	H	D01		1		HAND WIRE			264
RKDS 02 (1)	H	E02E2	1-02 *	H	D01				H TU WHERE			264
RKDS 02 (1)			1							2-6/8		264
RKDS 03 (1)	H	E01F2	1-01 *	H	D01		1		HAND WIRE			265
RKDS 03 (1)	H	E02F2	1-02 *	H	D01				H TU WHERE			265
RKDS 03 (1)			1							2-6/8		265
SC=SA	H	E01H2	1-01 *	H	D01		1		HAND WIRE			266
SC=SA	H	E02H2	1-02 *	H	D01				H TU WHERE			266
SC=SA			1							2-6/8		266
SCH CMP (1)	H	F01S1	1-01 *	H	D01		1		HAND WIRE			267
SCH CMP (1)	H	F02S1	1-02 *	H	D01				H TU WHERE			267
SCH CMP (1)			1							2-6/8		267
SECTOR END	L	C02S2	1-01 *	H	D01		1		HAND WIRE			268
SECTOR END	L	C03S2	1-02 *	H	D01				H TU WHERE			268
SECTOR END			1							2-6/8		268
SECTOR PULSE	H	E01M2	1-01 *	H	D01		1		HAND WIRE			269
SECTOR PULSE	H	E02M2	1-02 *	H	D01				H TU WHERE			269
SECTOR PULSE			1							2-6/8		269
SEEK OR RESET	H	R03N2	1-01 *	H	D02		1		HAND WIRE			270
SEEK OR RESET	H	F02L2	1-02 *	H	D01		2		H TU WHERE			270
SEEK OR RESET	H	F01L2	1-03 *	H	D01				H TU WHERE			270
SEEK OR RESET			1							15-4/8		270
SER RD DATA (1)	H	C01V1	1-01 *	H	D01		2		HAND WIRE			271
SER RD DATA (1)	H	C02V1	1-02 *	H	D01		1		HAND WIRE			271
SER RD DATA (1)	H	C03V1	1-03 *	H	D01				H TU WHERE			271
SER RD DATA (1)			1							5-4/8		271

Run Name	A/P	Pin Name	Order Pin	Order Pin	Q	Draw RV PG Y	X	Z	Remarks	Length	Exceptions	Run Number
SIN	H	E01N2	1-01 *	H	D01		1		HAND WIRE			272
SIN	H	F02N2	1-02 *	H	D01				H TU WHERE			272
SIN			1							2-6/8		272
STOP NPRS	L	C01H1	1-01 *	H	D01		1		HAND WIRE			273
STOP NPRS	L	C03H1	1-02 *	H	D01				H TU WHERE			273
STOP NPRS			1							3-2/8		273
STOP POLL	L	F01N2	1-01 *	H	D01		1		HAND WIRE			274
STOP POLL	L	F02N2	1-02 *	H	D01				H TU WHERE			274
STOP POLL			1							2-6/8		274
WC OVF (1)	H	R03S1	1-01 *	H	D02		1		HAND WIRE			275
WC OVF (1)	H	C03J1	1-02 *	H	D01		2		H TU WHERE			275
WC OVF (1)	H	C01J1	1-03 *	H	D01				H TU WHERE			275
WC OVF (1)			1							7-2/8		275
WRITE	H	F01H2	1-01 *	H	D01		1		HAND WIRE			276
WRITE	H	F02H2	1-02 *	H	D01				H TU WHERE			276
WRITE			1							2-6/8		276
WT GATE (1)	H	R03M2	1-01 *	H	D02		1		HAND WIRE			277
WT GATE (1)	H	F02P1	1-02 *	H	D01		2		H TU WHERE			277
WT GATE (1)	H	F01P1	1-03 *	H	D01				H TU WHERE			277
WT GATE (1)			1							16-2/8		277
WT LOCK	H	F01S2	1-01 *	H	D01		1		HAND WIRE			278
WT LOCK	H	F02S2	1-02 *	H	D01				H TU WHERE			278
WT LOCK			1							2-6/8		278
WT PRCT STATUS	H	E01J2	1-01 *	H	D01		1		HAND WIRE			279
WT PRCT STATUS	H	E02J2	1-02 *	H	D01				H TU WHERE			279
WT PRCT STATUS			1							2-6/8		279
WT+WT CHK	H	R03H2	1-01 *	H	D02		1		HAND WIRE			280
WT+WT CHK	H	C03P1	1-02 *	H	D01		2		HAND WIRE			280
WT+WT CHK	H	C02P1	1-03 *	H	D01		1		HAND WIRE			280
WT+WT CHK	H	C01P1	1-04 *	H	D01				H TU WHERE			280
WT+WT CHK			1							11-2/8		280
XFER FUNCTION	H	F01V2	1-01 *	H	D01		1		HAND WIRE			281
XFER FUNCTION	H	F02V2	1-02 *	H	D01				H TU WHERE			281
XFER FUNCTION			1							2-6/8		281

ERROR LISTING

WIRE WRAP RUN NAME HND288.V22(22) 11/06/73

15-JAN-74 23:58 EXCEPTIONS RUN NUMBER

Table with columns: RUN NAME, A/P, PIN, ORDER, BAY, PIN, ORDER, Q, DRAW, RV, PG, Y, X, Z, REMARKS, LENGTH, EXCEPTIONS, RUN NUMBER. Contains error details for various components like A01A2, F01J1, etc.

ERROR LISTING

RK11D.E RUN NAME HND288.V22(22) 11/06/73

15-JAN-74 23:58 EXCEPTIONS RUN NUMBER

Table with columns: RUN NAME, A/P, PIN, ORDER, BAY, PIN, ORDER, Q, DRAW, RV, PG, Y, X, Z, REMARKS, LENGTH, EXCEPTIONS, RUN NUMBER. Contains error details for various components like R04K2, R04K1, etc.

ERROR LISTING

Table with columns: RUN_NAME, A/P, PIN, ORDER, BAY, ORDER, Q, DRAW, RV, PG, Y, X, Z, REMARKS, LENGTH, EXCEPTIONS, RUN NUMBER. Contains error details for BUS D01 through BUS D11.

Table with columns: RUN_NAME, A/P, PIN, ORDER, BAY, ORDER, Q, DRAW, RV, PG, Y, X, Z, REMARKS, LENGTH, EXCEPTIONS, RUN NUMBER. Contains error details for D0352 through F04L2.

RUN NAME	A/P	PIN	ORDER	PIN	BAY	ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
DISK CLK	L	F02V1			1-02 *				D01							H TO WHERE	93
DLT (1)	H	E01P1			1-01 *		H		D01			1				HAND WIRE	94
DPL (1)	H	E03P2			1-02 *		H		D01							H TO WHERE	94
DPL (1)	H	F01D1			1-01 *		H		D01							HAND WIRE	95
DPL (1)	H	F02D1			1-02 *		H		D01							HAND WIRE	95
DRE (1)	H	F01R1			1-01 *		H		D01							H TO WHERE	132
DRE (1)	H	F02R1			1-02 *		H		D01							HAND WIRE	133
DRIVE OK	H	F01N1			1-01 *		H		D01							H TO WHERE	133
DRIVE OK	H	F02N1			1-02 *		H		D01							HAND WIRE	134
DRIVE RESET	L	F01K2			1-01 *		H		D01							H TO WHERE	134
DRIVE RESET	L	F02K2			1-02 *		H		D01							HAND WIRE	135
DRIVE UNSAFE	H	F01B1			1-01 *		H		D01							H TO WHERE	135
DRIVE UNSAFE	H	F02B1			1-02 *		H		D01							HAND WIRE	136
DRY	H	E01L2			1-01 *		H		D01							H TO WHERE	136
END OF SYNC	L	F01R2			1-02 *		H		D01							HAND WIRE	137
END OF SYNC	L	F02R2			1-01 *		H		D01							H TO WHERE	137
EX BIT	L	F01V2			1-02 *		H		D01							HAND WIRE	138
EX BIT	H	F02V2			1-01 *		H		D01							H TO WHERE	138
EX BIT	H	C01F1			1-02 *		H		D01							HAND WIRE	139
FILE DONE	H	C03F1			1-01 *		H		D01							H TO WHERE	139
FILE DONE	H	E01U2			1-02 *		H		D01							HAND WIRE	142
FIRST SEEK DONE	H	E02U2			1-01 *		H		D01							H TO WHERE	142
FIRST SEEK DONE	H	C01M1			1-02 *		H		D01							HAND WIRE	143
FMT (1)	H	C02M1			1-02 *		H		D01							H TO WHERE	143
FMT (1)	H	C03M1			1-03 *		H		D01							HAND WIRE	143
FMT (1)	H	C02A1			1-01 *		H		D01							H TO WHERE	144
GATE DATA TO BUS D	L	C03A1			1-02 *		H		D01							HAND WIRE	144
GATE DATA TO BUS D	L	C04A1			1-03 *		H		D01							H TO WHERE	144
GATE DATA TO BUS D	L	E01R2			1-01 *		H		D01							HAND WIRE	145
GEN CLR	L	E02R2			1-02 *		H		D01							TU HERE	145
GEN CLR	L	F01E2			1-01 *		H		D01							HAND WIRE	146
GEN DATA	H	F02E2			1-02 *		H		D01							H TO WHERE	146
GEN DATA	H	C01C2			1-02 *		H		D01							HAND WIRE	147
GND 01		A01B2			1-03 *		H	D01								HAND WIRE	147
GND 01		A01C2			1-04 *		H		D02							HAND WIRE	147
GND 01		A01N1			1-05 *		H		D02							HAND WIRE	147
GND 01		A01P1			1-06 *		H		D02							HAND WIRE	147
GND 01		A01R1			1-07 *		H		D02							HAND WIRE	147
GND 01		A01S1			1-08 *		H		D02							HAND WIRE	147
GND 01		A01T1			1-09 *		H		D02							HAND WIRE	147
GND 01		A01V2			1-10 *		H		D02							HAND WIRE	147
GND 01		B01B2			1-11 *		H		D02							HAND WIRE	147
GND 01		B01C2			1-12 *		H		D02							HAND WIRE	147
GND 01		B01D1			1-13 *		H		D02							HAND WIRE	147
GND 01		B01E1			1-14 *		H		D02							HAND WIRE	147
GND 01		B01T1			1-15 *		H		D02							HAND WIRE	147
GND 01		B01V2			1-16 *		H		D02							HAND WIRE	147
GND 01		C01T1			1-17 *		H		D01							HAND WIRE	147
GND 01		D01C2			1-18 *		H		D01							HAND WIRE	147
GND 01		D01T1			1-19 *		H		D01							HAND WIRE	147
GND 01		E01C2			1-20 *		H		D01							HAND WIRE	147
GND 01		E01T1			1-21 *		H		D01							HAND WIRE	147

ERROR LISTING

RUN NAME	A/P	PIN	ORDER	PIN	BAY	ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
GND 01		F01C2			1-22 *		H		D01				2			HAND WIRE	147
GND 01		F01T1			1-23 *		H		D01							H TO WHERE	147
GND 02		A02B2			1-01 *		H		D02				2			HAND WIRE	148
GND 02		A02C2			1-02 *		H		D02				1			HAND WIRE	148
GND 02		A02N1			1-03 *		H		D02				2			HAND WIRE	148
GND 02		A02P1			1-04 *		H		D02				1			HAND WIRE	148
GND 02		A02R1			1-05 *		H		D02				2			HAND WIRE	148
GND 02		A02S1			1-06 *		H		D02				1			HAND WIRE	148
GND 02		A02T1			1-07 *		H		D02				2			HAND WIRE	148
GND 02		A02V2			1-08 *		H		D02				1			HAND WIRE	148
GND 02		A02U1			1-09 *		H		D02				2			HAND WIRE	148
GND 02		B02B2			1-10 *		H		D02				1			HAND WIRE	148
GND 02		B02C2			1-11 *		H		D02				2			HAND WIRE	148
GND 02		B02D1			1-12 *		H		D02				1			HAND WIRE	148
GND 02		B02E1			1-13 *		H		D02				2			HAND WIRE	148
GND 02		B02T1			1-14 *		H		D02				1			HAND WIRE	148
GND 02		B02V2			1-15 *		H		D02				2			HAND WIRE	148
GND 02		C02C2			1-16 *		H		D01				1			HAND WIRE	148
GND 02		C02T1			1-17 *		H		D01				2			HAND WIRE	148
GND 02		D02C2			1-18 *		H		D01				1			HAND WIRE	148
GND 02		D02T1			1-19 *		H		D01				2			HAND WIRE	148
GND 02		E02C2			1-20 *		H		D01				1			HAND WIRE	148
GND 02		E02T1			1-21 *		H		D01				2			HAND WIRE	148
GND 02		F02C2			1-22 *		H		D01				1			HAND WIRE	148
GND 02		F02T1			1-23 *		H		D01				2			HAND WIRE	148
GND 03		A03C2			1-01 *		H		D02				1			H TO WHERE	149
GND 03		A03D2			1-02 *		H		D02				2			HAND WIRE	149
GND 03		A03E2			1-03 *		H		D02				1			HAND WIRE	149
GND 03		A03F2			1-04 *		H		D02				2			HAND WIRE	149
GND 03		A03N1			1-05 *		H		D02				1			HAND WIRE	149
GND 03		A03P1			1-06 *		H		D02				2			HAND WIRE	149
GND 03		A03R1			1-07 *		H		D02				1			HAND WIRE	149
GND 03		A03S1			1-08 *		H		D02				2			HAND WIRE	149
GND 03		A03T1			1-09 *		H		D02				1			HAND WIRE	149
GND 03		A03U1			1-10 *		H		D02				2			HAND WIRE	149
GND 03		A03V1			1-11 *		H		D02				1			HAND WIRE	149
GND 03		B03C2			1-12 *		H		D02				2			HAND WIRE	149
GND 03		B03T1			1-13 *		H		D02				1			HAND WIRE	149
GND 03		C03C2			1-14 *		H		D01				2			HAND WIRE	149
GND 03		C03T1			1-15 *		H		D01				1			HAND WIRE	149
GND 03		D03C2			1-16 *		H		D01				2			HAND WIRE	149
GND 03		D03T1			1-17 *		H		D01				1			HAND WIRE	149
GND 03		E03C2			1-18 *		H		D01				2			HAND WIRE	149
GND 03		E03T1			1-19 *		H		D01				1			HAND WIRE	149
GND 03		F03C2			1-20 *		H		D01				2			HAND WIRE	149
GND 03		F03T1			1-21 *		H		D01				1			H TO WHERE	149
GND 04		A04B2			1-01 *		H		D02				1			HAND WIRE	150
GND 04		A04C2			1-02 *		H		D02				2			HAND WIRE	150
GND 04		A04N1			1-03 *		H		D02				1			HAND WIRE	150
GND 04		A04P1			1-04 *		H		D02				2			HAND WIRE	150
GND 04		A04R1			1-05 *		H		D02				1			HAND WIRE	150
GND 04		A04S1			1-06 *		H		D02				2			HAND WIRE	150
GND 04		A04T1			1-07 *		H		D02				1			HAND WIRE	150

RK11D.E HND288.V22(22) '06/73 BAY - ORDER

Table with columns: RUN_NAME, A/P, PIN, NAME, ORDER, PIN, Q, DRAW, RV, PG, Y, X, Z, REMARKS, P, HAND WIRE, LENGTH, 23:58 EXCEPTIIONS, RUN NUMBER.

ERROR LISTING

RK11D.E HND288.V22(22) 11/06/73 BAY - ORDER

Table with columns: RUN_NAME, A/P, PIN, NAME, ORDER, PIN, Q, DRAW, RV, PG, Y, X, Z, REMARKS, P, HAND WIRE, LENGTH, 23:58 EXCEPTIIONS, RUN NUMBER.

RUN NAME	A/P	PIN	NAME	ORDER	PIN	BAY	ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN	NUMBER
INT BUS D15 (1)																			
LAST BIT	H	F04B1				1-02	*	H	D01							H TU WHERE		195	
LAST BIT	H	F01D2				1-01	*	H	D01							HAND WIRE		196	
LAST BIT	H	F02D2				1-02	*	H	D01							H TU WHERE		196	
LAST BIT	L	C02U2				1-01	*	H	D01							HAND WIRE		197	
LAST BIT	L	C03U2				1-02	*	H	D01							H TU WHERE		197	
LAST SECTOR	L	C01L1				1-01	*	H	D01							HAND WIRE		198	
LAST WORD DONE	L	C03L1				1-02	*	H	D01							H TU WHERE		198	
LAST WORD DONE	L	E03V2				1-01	*	H	D01							HAND WIRE		199	
LOAD RKBA HI	L	E04V2				1-02	*	H	D01							H TU WHERE		199	
LOAD RKBA HI	L	E03H2				1-01	*	H	D01							HAND WIRE		200	
LOAD RKBA LO	L	E04H2				1-02	*	H	D01							H TU WHERE		200	
LOAD RKBA LO	L	E01L1				1-01	*	H	D01							HAND WIRE		201	
LOAD RKCS HI	L	F04L1				1-02	*	H	D01							H TU WHERE		201	
LOAD RKCS HI	L	E01M1				1-01	*	H	D01							HAND WIRE		202	
LOAD RKCS LO	L	E04M1				1-02	*	H	D01							H TU WHERE		202	
LOAD RKCS LO	L	E03E2				1-01	*	H	D01							HAND WIRE		203	
LOAD RKDA HI	L	E04E2				1-02	*	H	D01							H TU WHERE		203	
LOAD RKDA HI	L	E03F2				1-01	*	H	D01							HAND WIRE		204	
LOAD RKDA LO	L	E04F2				1-02	*	H	D01							H TU WHERE		204	
LOAD RKDA LO	L	E01B1				1-01	*	H	D01							HAND WIRE		205	
LOAD RKWC HI	L	E04B1				1-02	*	H	D01							H TU WHERE		205	
LOAD RKWC HI	L	E01F1				1-01	*	H	D01							HAND WIRE		206	
LOAD RKWC LO	L	E04F1				1-02	*	H	D01							H TU WHERE		206	
NEW FUN	L	C01R1				1-01	*	H	D01							HAND WIRE		208	
NEW FUN	L	C02R1				1-02	*	H	D01							H TU WHERE		208	
NEW FUN	L	C03R1				1-03	*	H	D01							HAND WIRE		208	
NPR REQ	H	E03J2				1-01	*	H	D01							H TU WHERE		210	
NPR REQ	H	E04J2				1-02	*	H	D01							HAND WIRE		211	
NXM (1)	H	E01N1				1-01	*	H	D01							H TU WHERE		211	
NXM (1)	H	E04N1				1-02	*	H	D01							HAND WIRE		213	
POLL DONE	L	F01U1				1-01	*	H	D01							H TU WHERE		213	
POLL DONE	L	F02U1				1-02	*	H	D01							HAND WIRE		214	
PREAMBLE (1)	H	F01M2				1-01	*	H	D01							H TU WHERE		214	
PREAMBLE (1)	H	F02M2				1-02	*	H	D01							HAND WIRE		215	
PREAMBLE (1)	H	E01P2				1-01	*	H	D01							H TU WHERE		215	
R/W/S RDY	H	F01M1				1-01	*	H	D01							HAND WIRE		216	
R/W/S RDY	H	F02M1				1-02	*	H	D01							H TU WHERE		218	
RD DATA=WT DATA	H	F01J2				1-01	*	H	D01							HAND WIRE		218	
RD DATA=WT DATA	H	F02J2				1-02	*	H	D01							H TU WHERE		218	
RD GATE EN	H	F01L1				1-01	*	H	D01							HAND WIRE		219	
RD GATE EN	H	F02L1				1-02	*	H	D01							H TU WHERE		219	
RD HEADER (1)	H	C03K1				1-02	*	H	D01							HAND WIRE		220	
RD HEADER (1)	H	C01K1				1-03	*	H	D01							H TU WHERE		220	
RD+RD CHK	H	C01K1				1-03	*	H	D01							HAND WIRE		220	
RD+RD CHK	H	E01U1				1-01	*	H	D01							H TU WHERE		221	
RD+RD CHK	H	E03U2				1-02	*	H	D01							HAND WIRE		221	
READ	H	E04U2				1-03	*	H	D01							H TU WHERE		221	
READ	H	D02U1				1-01	*	H	D01							HAND WIRE		222	
READ	H	D04U1				1-02	*	H	D01							H TU WHERE		222	
RK INT MASTER	H	E02K2				1-01	*	H	D01							HAND WIRE		223	
RK INT MASTER	H	F04K2				1-02	*	H	D01							H TU WHERE		223	
RK INT REQ	H	E04H1				1-02	*	H	D01							HAND WIRE		224	
RK INT REQ	H	E01H1				1-03	*	H	D01							H TU WHERE		224	
RK NPR MASTER	H																		
RK NPR MASTER	H																		

ERROR LISTING

RUN NAME	A/P	PIN	NAME	ORDER	PIN	BAY	ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN	NUMBER
RK05																			
RK05	H	F01C1				1-01	*	H	D01							HAND WIRE		225	
RKA 01 (1)	H	F02C1				1-02	*	H	D01							H TU WHERE		225	
RKA 01 (1)	H	E01K1				1-01	*	H	D01							HAND WIRE		226	
RKA 01 (1)	H	E04K1				1-02	*	H	D01							H TU WHERE		226	
RKA 02 (1)	H	E03M2				1-03	*	H	D01							HAND WIRE		226	
RKA 02 (1)	H	E01J1				1-01	*	H	D01							H TU WHERE		227	
RKA 02 (1)	H	F04J1				1-02	*	H	D01							HAND WIRE		227	
RKA 02 (1)	H	E03N2				1-03	*	H	D01							H TU WHERE		227	
RKA 03 (1)	H	E03V1				1-01	*	H	D01							HAND WIRE		228	
RKA 03 (1)	H	E04V1				1-02	*	H	D01							H TU WHERE		228	
RKBA 01 (1)	H	F03C1				1-01	*	H	D01							HAND WIRE		229	
RKBA 01 (1)	H	F04C1				1-02	*	H	D01							H TU WHERE		229	
RKBA 02 (1)	H	F03D1				1-01	*	H	D01							HAND WIRE		230	
RKBA 02 (1)	H	F04D1				1-02	*	H	D01							H TU WHERE		230	
RKBA 03 (1)	H	F03E1				1-01	*	H	D01							HAND WIRE		231	
RKBA 03 (1)	H	F04E1				1-02	*	H	D01							H TU WHERE		231	
RKBA 04 (1)	H	F03F1				1-01	*	H	D01							HAND WIRE		232	
RKBA 04 (1)	H	F04F1				1-02	*	H	D01							H TU WHERE		232	
RKBA 05 (1)	H	F03H1				1-01	*	H	D01							HAND WIRE		233	
RKBA 05 (1)	H	F04H1				1-02	*	H	D01							H TU WHERE		233	
RKBA 06 (1)	H	F03J1				1-01	*	H	D01							HAND WIRE		234	
RKBA 06 (1)	H	F04J1				1-02	*	H	D01							H TU WHERE		234	
RKBA 07 (1)	H	F03K1				1-01	*	H	D01							HAND WIRE		235	
RKBA 07 (1)	H	F04K1				1-02	*	H	D01							H TU WHERE		235	
RKBA 08 (1)	H	F03L1				1-01	*	H	D01							HAND WIRE		236	
RKBA 08 (1)	H	F04L1				1-02	*	H	D01							H TU WHERE		236	
RKBA 09 (1)	H	F03M1				1-01	*	H	D01							HAND WIRE		237	
RKBA 09 (1)	H	F04M1				1-02	*	H	D01							H TU WHERE		237	
RKBA 10 (1)	H	F03N1				1-01	*	H	D01							HAND WIRE		238	
RKBA 10 (1)	H	F04N1				1-02	*	H	D01							H TU WHERE		238	
RKBA 11 (1)	H	F03R1				1-01	*	H	D01							HAND WIRE		239	
RKBA 11 (1)	H	F04R1				1-02	*	H	D01							H TU WHERE		239	
RKBA 12 (1)	H	F03P1				1-01	*	H	D01							HAND WIRE		240	
RKBA 12 (1)	H	F04P1				1-02	*	H	D01							H TU WHERE		240	
RKBA 13 (1)	H	F03S1				1-01	*	H	D01							HAND WIRE		241	
RKBA 13 (1)	H	F04S1				1-02	*	H	D01							H TU WHERE		241	
RKBA 14 (1)	H	F03U1				1-01	*	H	D01							HAND WIRE		242	
RKBA 14 (1)	H	F04U1				1-02	*	H	D01							H TU WHERE		242	
RKBA 15 (1)	H	F03V1				1-01	*	H	D01							HAND WIRE		243	
RKBA 15 (1)	H	F04V1				1-02	*	H	D01							H TU WHERE		243	
RKBA OVF	L	E01S1				1-01	*	H	D01							HAND WIRE		244	
RKBA OVF	L	F03S2				1-02	*	H	D01							H TU WHERE		244	
RKDA 00 (1)	H	E03A1				1-02	*	H	D01							HAND WIRE		245	
RKDA 00 (1)	H	E02A1				1-03	*	H	D01							H TU WHERE		245	
RKDA 01 (1)	H	E03B1				1-02	*	H	D01							HAND WIRE		246	
RKDA 01 (1)	H	F02B1				1-03	*	H	D01							H TU WHERE		246	
RKDA 02 (1)	H	E03C1				1-02	*	H	D01							HAND WIRE		247	
RKDA 02 (1)	H	E02C1				1-03	*	H	D01							H TU WHERE		247	
RKDA																			

ERROR LISTING

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 RUN_NAME A/P PIN ORDER PIN BAY - ORDER 15-JAN-74 LENGTH EXCEPTIONS RUN NUMBER

RUN_NAME	A/P	PIN	ORDER	PIN	BAY -	ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
RKDA 04 (1)	H	E02E1	1-03	*	H	D01								H TU WHERE			249
RKDA 05 (1)	H	E03F1	1-02	*	H	D01							2	HAND WIRE			250
RKDA 06 (1)	H	E02F1	1-03	*	H	D01							2	H TU WHERE			251
RKDA 07 (1)	H	E03H1	1-02	*	H	D02								HAND WIRE			251
RKDA 08 (1)	H	E02H1	1-03	*	H	D01							2	H TU WHERE			252
RKDA 09 (1)	H	E03J1	1-02	*	H	D01							2	HAND WIRE			252
RKDA 10 (1)	H	E02J1	1-03	*	H	D01							2	H TU WHERE			253
RKDA 11 (1)	H	E03K1	1-02	*	H	D01							2	HAND WIRE			253
RKDA 12 (1)	H	E02K1	1-03	*	H	D01							2	H TU WHERE			254
RKDA 13 (1)	H	E03L1	1-02	*	H	D01							2	HAND WIRE			254
RKDA 14 (1)	H	E02L1	1-03	*	H	D01							2	H TU WHERE			255
RKDA 15 (1)	H	E03M1	1-02	*	H	D01							2	HAND WIRE			255
RKDA 16 (1)	H	E02M1	1-03	*	H	D01							2	H TU WHERE			256
RKDA 17 (1)	H	E03N1	1-02	*	H	D01							2	HAND WIRE			256
RKDA 18 (1)	H	E02N1	1-03	*	H	D01							2	H TU WHERE			257
RKDA 19 (1)	H	E03P1	1-02	*	H	D01							2	HAND WIRE			257
RKDA 20 (1)	H	E02P1	1-03	*	H	D01							1	H TU WHERE			258
RKDA 21 (1)	H	E02R1	1-01	*	H	D01							1	HAND WIRE			258
RKDA 22 (1)	H	E03R1	1-02	*	H	D01							1	H TU WHERE			259
RKDA 23 (1)	H	E02S1	1-01	*	H	D01							1	HAND WIRE			259
RKDA 24 (1)	H	E03S1	1-02	*	H	D01							1	H TU WHERE			260
RKDA 25 (1)	H	E02U1	1-01	*	H	D01							1	HAND WIRE			260
RKDA 26 (1)	H	E03U1	1-02	*	H	D01							1	H TU WHERE			261
RKDB 00 (1)	H	C02T2	1-01	*	H	D01							1	HAND WIRE			261
RKDB 01 (1)	H	C03T2	1-02	*	H	D01							1	H TU WHERE			262
RKDS 00 (1)	H	E01V1	1-01	*	H	D01							1	HAND WIRE			262
RKDS 01 (1)	H	E02V1	1-02	*	H	D01							1	H TU WHERE			263
RKDS 02 (1)	H	E01D2	1-01	*	H	D01							1	HAND WIRE			263
RKDS 03 (1)	H	E02D2	1-02	*	H	D01							1	H TU WHERE			264
RKDS 04 (1)	H	E01E2	1-01	*	H	D01							1	HAND WIRE			264
RKDS 05 (1)	H	E02E2	1-02	*	H	D01							1	H TU WHERE			265
RKDS 06 (1)	H	E01F2	1-01	*	H	D01							1	HAND WIRE			265
RKDS 07 (1)	H	E02F2	1-02	*	H	D01							1	H TU WHERE			265
SC=SA	H	E01H2	1-01	*	H	D01							1	HAND WIRE			266
SC=SA	H	E02H2	1-02	*	H	D01							1	H TU WHERE			266
SCH CMP (1)	H	F01S1	1-01	*	H	D01							1	HAND WIRE			267
SCH CMP (1)	H	F02S1	1-02	*	H	D01							1	H TU WHERE			267
SECTOR END	L	C02S2	1-01	*	H	D01							1	HAND WIRE			268
SECTOR END	L	C03S2	1-02	*	H	D01							1	H TU WHERE			268
SECTOR PULSE	H	E01M2	1-01	*	H	D01							1	HAND WIRE			269
SECTOR PULSE	H	E02M2	1-02	*	H	D01							2	H TU WHERE			269
SEEK OR RESET	H	F02L2	1-02	*	H	D01							2	HAND WIRE			270
SEEK OR RESET	H	F01L2	1-03	*	H	D01							2	H TU WHERE			270
SER RD DATA (1)	H	C01V1	1-01	*	H	D01							1	HAND WIRE			271
SER RD DATA (1)	H	C02V1	1-02	*	H	D01							1	H TU WHERE			271
SER RD DATA (1)	H	C03V1	1-03	*	H	D01							1	HAND WIRE			272
SIN	H	E01N2	1-01	*	H	D01							1	H TU WHERE			272
SIN	H	E02N2	1-02	*	H	D01							1	HAND WIRE			273
STOP NPRS	L	C01H1	1-01	*	H	D01							1	H TU WHERE			273
STOP NPRS	L	C03H1	1-02	*	H	D01							1	HAND WIRE			274
STOP POLL	L	F01N2	1-01	*	H	D01							1	H TU WHERE			274
STOP POLL	L	F02N2	1-02	*	H	D01							2	HAND WIRE			275
WC OVF (1)	H	C03J1	1-02	*	H	D01							2	H TU WHERE			275

ERROR LISTING

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 RUN_NAME A/P PIN ORDER PIN BAY - ORDER 15-JAN-74 LENGTH EXCEPTIONS RUN NUMBER

RUN_NAME	A/P	PIN	ORDER	PIN	BAY -	ORDER	Q	DRAW	RV	PG	Y	X	Z	REMARKS	LENGTH	EXCEPTIONS	RUN NUMBER
MC OVF (1)	H	C01J1	1-03	*	H	D01							1	H TU WHERE			275
WRITE	H	F01H2	1-01	*	H	D01							1	HAND WIRE			276
WRITE	H	F02H2	1-02	*	H	D01							2	H TU WHERE			276
WT GATE (1)	H	F02P1	1-02	*	H	D01							2	HAND WIRE			277
WT GATE (1)	H	F01P1	1-03	*	H	D01							1	H TU WHERE			277
WT LOCK	H	F01S2	1-01	*	H	D01							1	HAND WIRE			278
WT LOCK	H	F02S2	1-02	*	H	D01							1	H TU WHERE			278
WT PRCT STATUS	H	E01J2	1-01	*	H	D01							1	HAND WIRE			279
WT PRCT STATUS	H	E02J2	1-02	*	H	D01							2	H TU WHERE			279
WT+WT CHK	H	C03P1	1-02	*	H	D01							2	HAND WIRE			280
WT+WT CHK	H	C02P1	1-03	*	H	D01							1	H TU WHERE			280
WT+WT CHK	H	C01P1	1-04	*	H	D01							1	HAND WIRE			281
XFER FUNCTION	H	E01V2	1-01	*	H	D01							1	H TU WHERE			281
XFER FUNCTION	H	E02V2	1-02	*	H	D01							2	HAND WIRE			281