

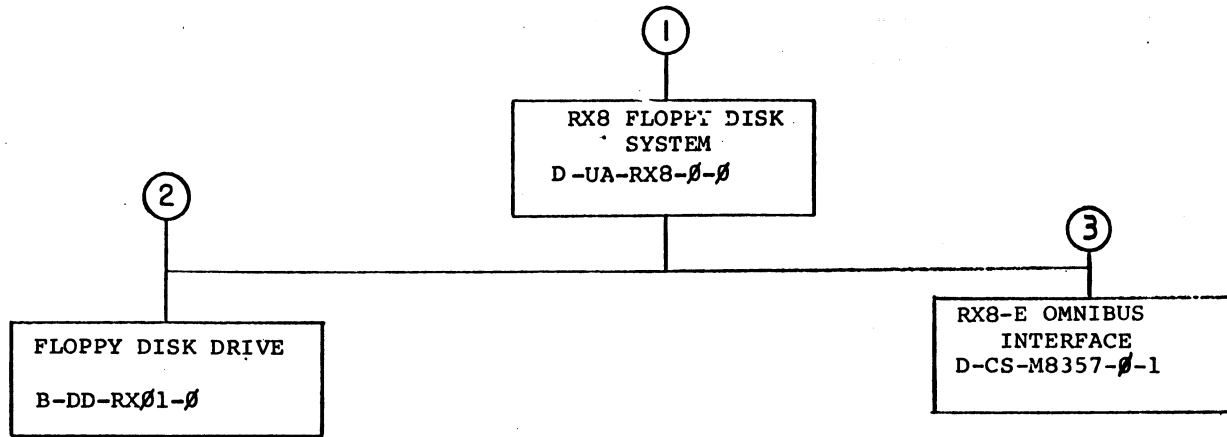
**digital**

**R X8**  
**Engineering Drawings**  
**Digital Equipment Corporation**

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TITLE	SHEET 2 OF 3	SIZE	CODE	NUMBER	REV
RX8 FLOPPY DISK SYSTEM		B	DD	RX8-Ø	A

CUSTOMER PRINT SET		ELECTRICAL					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
X		1	B-DD-RX8-Ø	#	3	DRAWING DIRECTORY, RX8		X		1	D-UA-RX8-Ø-Ø	#	1	RX8 FLOPPY DISK SYSTEM	
			A-SP-RX8-Ø-1			CHECKOUT PROCEDURE					A-PL-RX8-Ø-Ø	#	1	RX8 FLOPPY DISK SYSTEM P.L.	
X			A-PL-RX8-Ø-3	#	1	SHIPPING LIST					A-PI-3700185-0-0		2	PACKAGING INSTRUCTIONS	
			A-SP-RX8-Ø-4	#	12	ACCEPTANCE PROCEDURE					A-PI-3700193-0-0			CUSTOMER PACKAGING INSTRUCTIONS	
			A SP-RX8-Ø-5	#:	11	RX8E ENGINEERING SPECIFICATION									
X		3	D-CS-M8357-Ø-1	#	3	RX8-E OMNIBUS INTERFACE				2	B-DD-RXØ1-Ø	#	3	FLOPPY DISK DRIVE	
			A-SP-M8357-Ø-7		3	ACCEPTANCE TEST PROCEDURE									

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

TITLE  
RX8 FLOPPY DISK SYSTEM

SIZE CODE  
B DD

NUMBER  
RX8-Ø

REV  
A

SHEET 3 OF 3



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0-0-RX8M 2

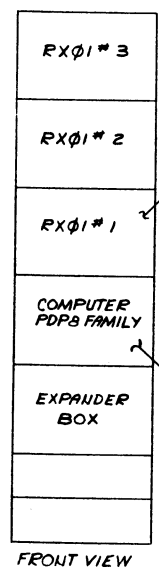
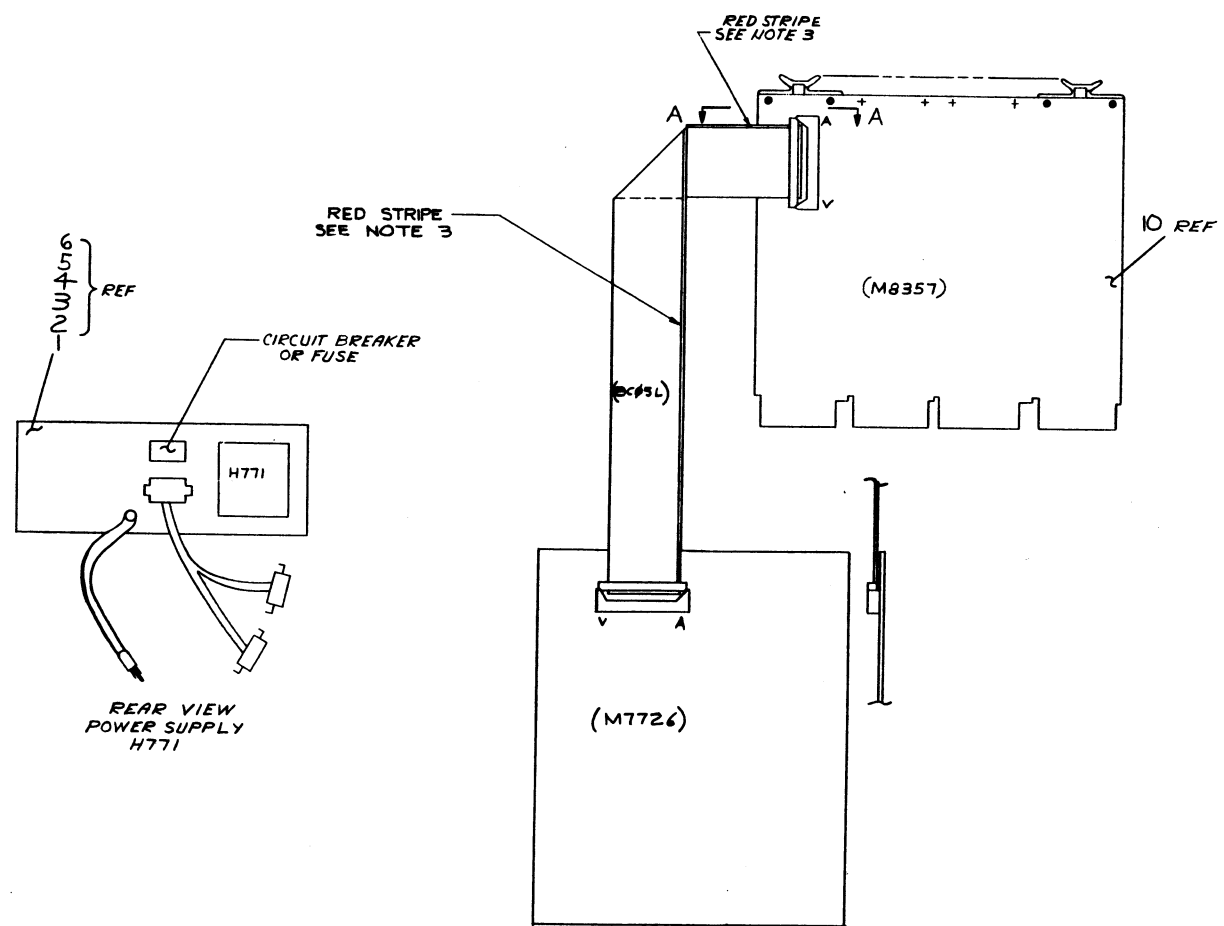
LEGEND

NUMBER	VARIATION
RX8-AA	RX01-AA ≠ RX8-E INTERFACE, 115 V, 60 HZ
RX8-AC	RX01-AC ≠ RX8-E INTERFACE, LOW V, 50 HZ
RX8-AD	RX01-AD ≠ RX8-E INTERFACE, HIGH V, 50 HZ
RX8-BA	RX01-BA ≠ RX8-E INTERFACE, 115 V, 60 HZ
RX8-BC	RX01-BC ≠ RX8-E INTERFACE, LOW V, 50 HZ
RX8-BD	RX01-BD ≠ RX8-E INTERFACE, HIGH V, 50 HZ
RX8-DA	RX01-DA ≠ RX8-E INTERFACE, 115 V, 60 HZ
RX8-DC	RX01-DC ≠ RX8-E INTERFACE, LOW V, 50 HZ
RX8-DD	RX01-DD ≠ RX8-E INTERFACE, HIGH V, 50 HZ
RX8-E	OMNIBUS INTERFACE (M8357)

NOTES:

- ONE (1) BC05L CABLE SUPPLIED WITH EACH RX01.
- ONE (1) M8357 (RX8-E) MODULE REQ'D FOR EACH RX01. FOR TWO (2) OR MORE RX01'S, CHANGE IOT CODES PER DRAWING D-CS-M8357-0-1 FOR EACH RX01 BEYOND #1.
- RED STRIPE ON BC05L CABLE INDICATES PIN "A" ON CONNECTOR.

VIEW A-A



FRONT VIEW

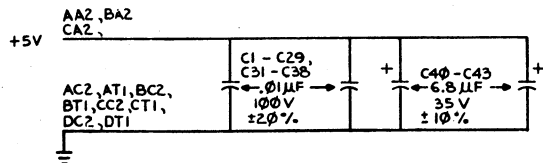
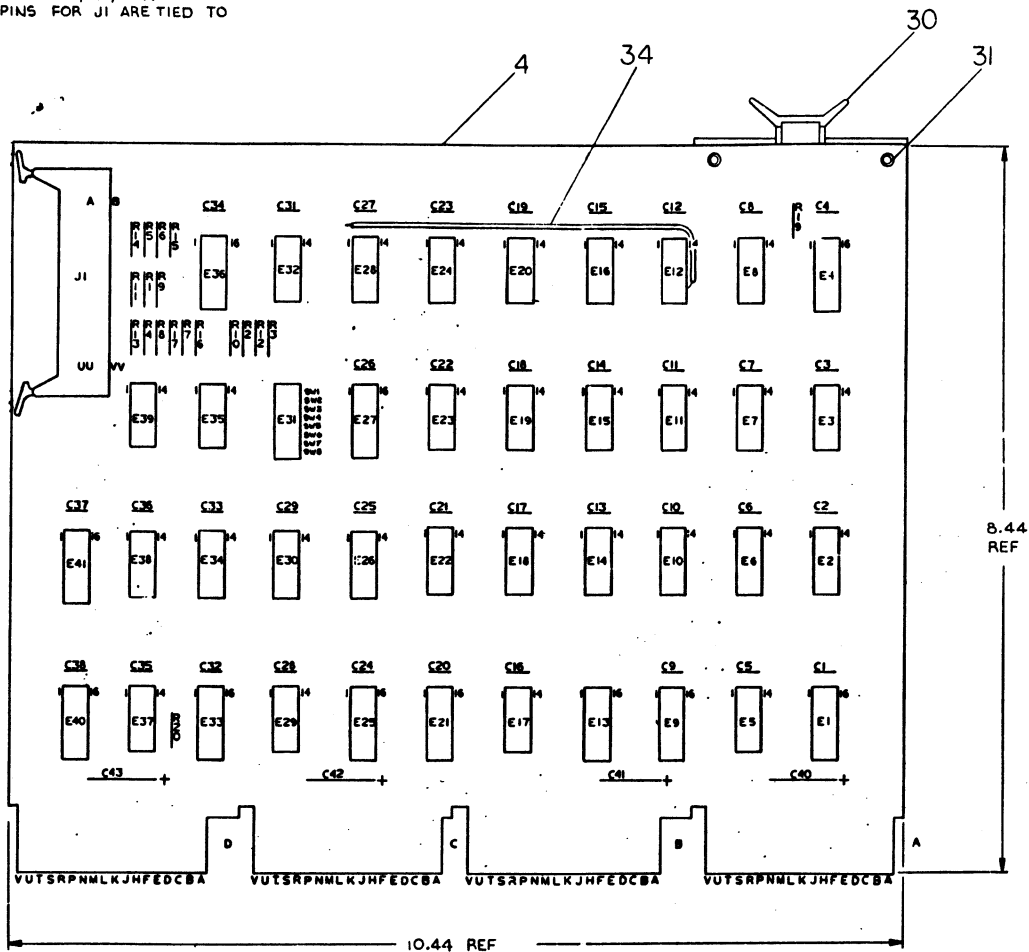
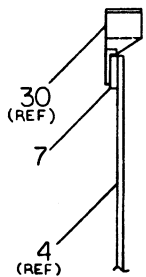
DESCRIPTION		DWG./PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES					
ANGLES ± 30°	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES			
SURFACE QUALITY IN	(CHECK ONE)	OVER 0 TO 0.2	OVER 0.2 TO 0.5	OVER 0.5 TO 1.0	OVER 1.0 TO 2.0
		0.2	0.5	1.0	2.0
QUANTITY & VARIATION	MEDIUM	2.004	2.008	2.012	2.016
	PREFERRED	2.012	2.016	2.020	2.024
THIRD ANGLE PROJECTION	DRN: <i>J. J. Jones</i> 3/19/75	FIRST USED ON		PDP8 FAMILY	
REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D: <i>M. G. Kelly</i> 5/6/75	TITLE			
DO NOT SCALE DWG	ENG: <i>P. J. Kelly</i> 6/1/75	RX8 FLOPPY DISK SYSTEM			
MATERIAL	PROD: <i>D. M. Kelly</i> 6/1/75	MATERIAL	B-DD-RX8-0	SIZE	CODE
FINISH	NEXT HIGHER ASSY.	SCALE	NONE	D	UA
		SHEET	1	OF	1

REV.	
CHG	
CHANGE NO.	
DATE	

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**NOTES:**

- 1. UNLESS OTHERWISE SPECIFIED:
- A. ALL RESISTORS ARE 1/4W, ±5%.
- B. ALL UNUSED PINS FOR J1 ARE TIED TO GND



REF	X-Y COORDINATE HOLE LOCATION	K-CO-M8357-0-4	1
REF	ASSY/ DRILLING HOLE LAYOUT	D-AH-M8357-0-5	2
REF	MODULE ECO HISTORY	B-MH-M8357-0-6	3
1	ETCHED CIRCUIT BOARD	5011374	4
37	C1 - C29, C31 - C38	CAP .01UF 100V 20% DISC	1001610 - 01 5
4	C40 - C43	CAP 6.8UF 35V 10% STANT	1005306 - 00 6
4		SPACER, CABLE CLAMP	1202704 - 00 7
1	J1	CONN 49 PIN RT ANGLE HDR	1209941 - 02 8
1	E31	SWITCH SPST (B) DIP PACK	121164 - 04 9
8	R10 - R17	RES 390 1/4W 5%	1300309 - 00 10
8	R1 - R8	RES 180 1/4W 5%	1301322 - 00 11
2	R19 - R20	RES 10K 1/4W 5%	1300479 - 00 12
6	E2, E7, E15, E22, E26, E30	IC 7474	1905547 - 00 13
3	E12, E24, E34	IC 7400	1905575 - 00 14
2	E3, E10	IC 7410	1905576 - 00 15
1	E28	IC 7420	1905577 - 00 16
3	E6, E19, E23	IC 7402	1909004 - 00 17
1	E39	IC 384	1909486 - 00 18
3	E9, E21, E33	IC 8271	1909615 - 00 19
3	E8, E32, E38	IC 7404	1909686 - 00 20
1	E35	IC 314	1909704 - 00 21
6	E5, E14, E17, E18, E29, E37	IC 8881	1909705 - 00 22
1	E41	IC 7442	1910046 - 00 23
1	E16	IC 7408	1910155 - 00 24
1	E27	IC 74106	1910408 - 00 25
1	E4	IC 74161	1910650 - 00 26
1	E20	IC 7427	1910878 - 00 27
4	E1, E25, E36, E40	IC 8837	1911116 - 00 28
1	E11	IC 9640	1911469 - 00 29
4		HANDLE, FLIP-CHIP MAGENTA	9008337 - 6 30
8		EYELET	9006750 - 00 31
1	(J1)	LATCH, LEFT FOR RT ANG HEADER	1209941 - 03 32
1	(J1)	LATCH, RIGHT FOR RT ANG HEADER	1209941 - 04 33
A/R		WIRE, REWORK	9105740 - 55 34
1	R9	RES 120 1/4W 5%	1300247 - 00 35

IC TYPE	QTY	LOCATIONS
8840	1	B
8837	8	16
74161	8	16
74106	19	5
7442	8	16
314	1	8
8271	8	16
384	1	8
IC TYPE	GND	+5V

SEMICONDUCTOR CONVERSION CHART

DATE: 11/23/74

DESIGNER: J. Hove

ETCH BOARD REV. B

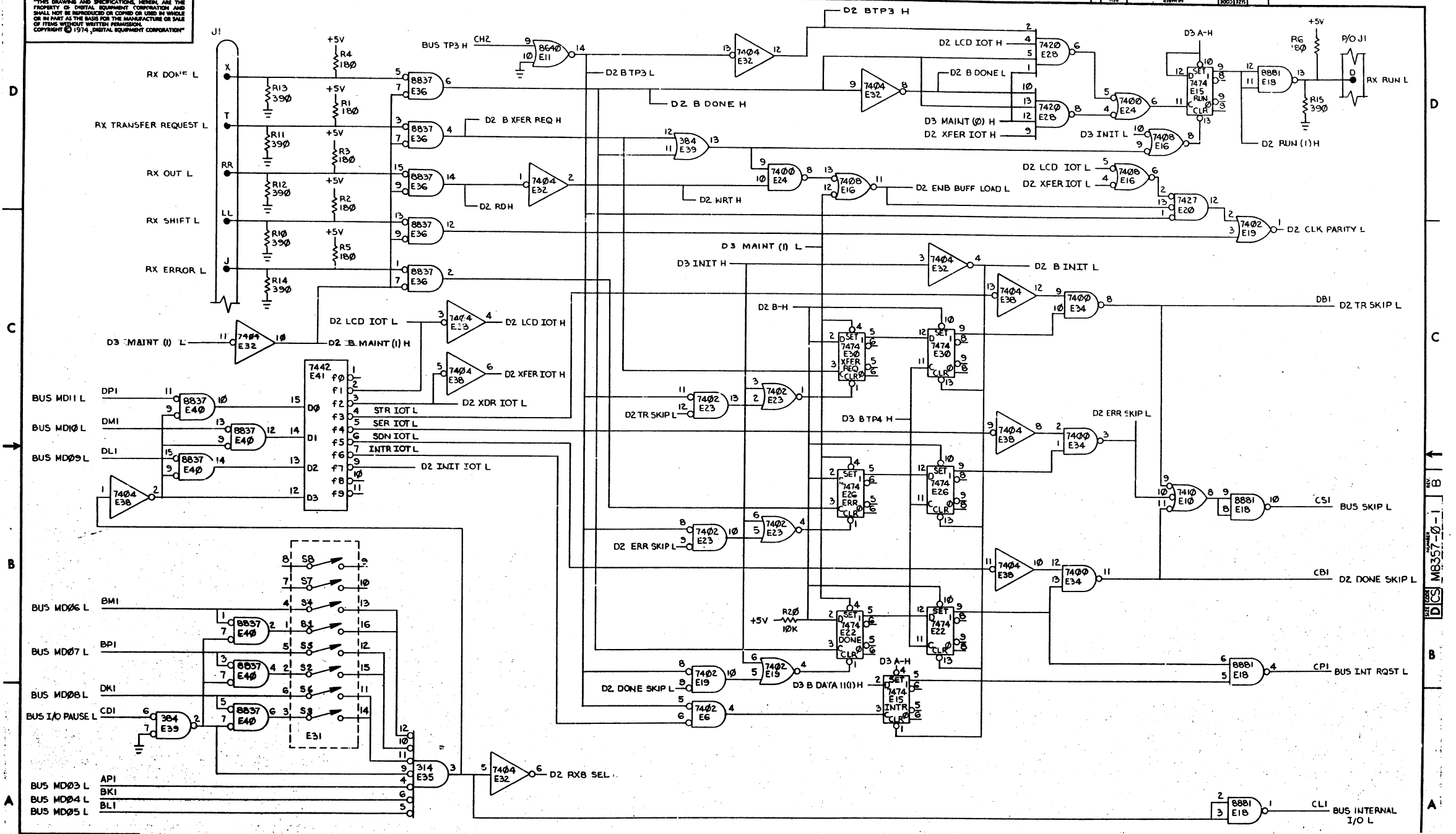
SCALE: 1 OF 3

TITLE: RX8-E OMNIBUS INTERFACE

SIZE CODE: DCS M8357-0-1

REV. B

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REVISIONS		
CHK	CHANGE NO.	REV.

(DEVICE SELECT, IOT DECODE & RXOI CONTROL LOGIC)

TITLE	RX8-E (D2)	SIZE CODE	D CS	NUMBER	M8357-0-1	REV.	B
SCALE	1:1	SHEET	2 OF 3	DIST.			

REV. B  
M8357-0-1



**DIGITAL EQUIPMENT CORPORATION**  
MAYNARD, MASSACHUSETTS  
**PARTS LIST**

MADE BY B. McCarthy	CHECKED <i>McCarthy</i> 5/29/75	SECTION 1
DATE 5/12/75	DATE	ISSUED SECT. 1
ENG <i>Chas. G. O'Brien</i>	PROD <i>J. Miller</i> 6/13/75	
DATE	DATE	

QUANTITY / VARIATION

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	RX8-AA	RX8-AC	RX8-AD	RX8-BA	RX8-BC	RX8-BD	RX8-DA	RX8-DC	RX8-DD	RX8-E
			1	E-UA-RX01-AA-0	SINGLE FLOPPY DISK, 115V, 60HZ	1	-	-	-	-	-	-
2	E-UA-RX01-AC-0	SINGLE FLOPPY DISK, LOW V, 50HZ	-	1	-	-	-	-	-	-	-	-
3	E-UA-RX01-AD-0	SINGLE FLOPPY DISK, HIGH V, 50 HZ	-	-	1	-	-	-	-	-	-	-
4	E-UA-RX01-BA-0	DUAL FLOPPY DISK, 115V, 60HZ	-	-	-	1	-	-	-	-	-	-
5	E-UA-RX01-BC-0	DUAL FLOPPY DISK, LOW V, 50 HZ	-	-	-	-	1	-	-	-	-	-
6	E-UA-RX01-BD-0	DUAL FLOPPY DISK, HIGH V, 50HZ	-	-	-	-	-	1	-	-	-	-
7	E-UA-RX01-DA-0	RX01-BA W/O BEZEL ASSY	-	-	-	-	-	-	1	-	-	-
8	E-UA-RX01-DC-0	RX01-BC W/O BEZEL ASSY	-	-	-	-	-	-	-	1	-	-
9	E-UA-RX01-DD-0	RX01-BD W/O BEZEL ASSY	-	-	-	-	-	-	-	-	1	-
10	D-CS-M8357-0-1	RX8-E OMNIBUS INTERFACE	1	1	1	1	1	1	1	1	1	1
REF	A-PL-3700185-0-0	IN-PLANT PACKAGING INSTRUCTIONS										
REF	A-PI-3700193-0-0	CUSTOMER PACKAGING INSTRUCTIONS										

TITLE RX8 FLOPPY DISK SYSTEM	ASSY NO. D-UA-RX8-0-0	SIZE CODE <b>A PL</b>	NUMBER RX8-0-0	REV.	ECO NO.
SHEET 1 OF 1		DIST.			