

digital

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Engineering Drawings
Digital Equipment Corporation

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CUSTOMER PRINT SET INDEX

THIS IS PRINT SET

DRAWING DIRECTORY
 SHIPPING LIST
 RX8 FLOPPY DISK SYSTEM
 RX8-E OMNIBUS INTERFACE
 RX8 FLOPPY DISK SYSTEM

SEQUENCE

B-DD-RX8- β
 A-PL-RX8- β -1
 D-UA-RX8- β - β
 D-CS-M8357- β -1

SEQUENCE

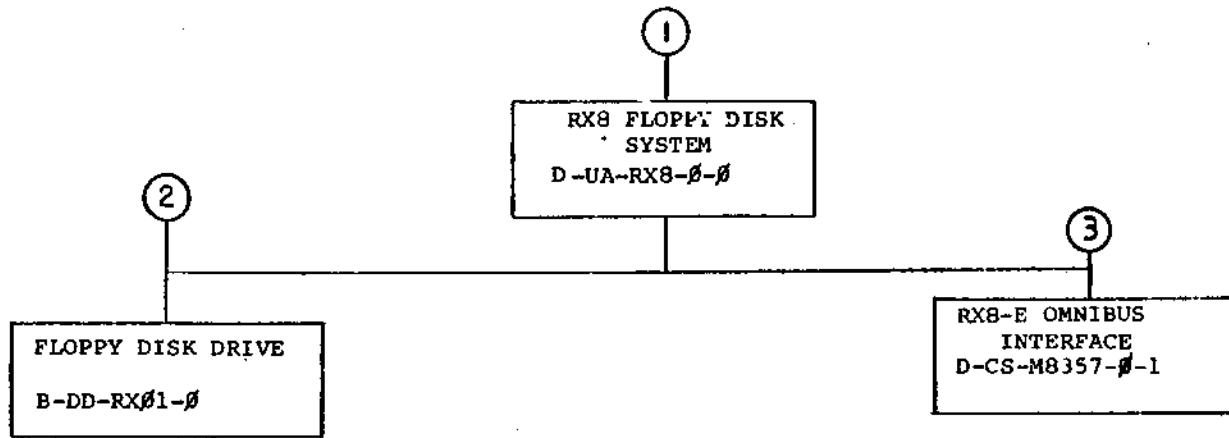
A-PL-RX8- β - β

UNIT VARIATIONS		PRINT SET			
VAR	TITLE				
RX8-AA	RX01-AA & RX8 INTERFACE	X			
RX8-AC	RX01-AC & RX8 INTERFACE	X			
RX8-AD	RX01-AD & RX8 INTERFACE	X			
RX8-BA	RX01-BA & RX8 INTERFACE	X			
RX8-BC	RX01-BC & RX8 INTERFACE	X			
RX8-BD	RX01-BD & RX8 INTERFACE	X			
RX8-DA	RX01-DA & RX8 INTERFACE	X			
RX8-DC	RX01-DC & RX8 INTERFACE	X			
RX8-DD	RX01-DD & RX8 INTERFACE	X			
RX8-E	OMNIBUS INTERFACE (M8357)	X			

DGC 18-1251-1000-1A-0072

REVISIONS		CHG. NO.	REV
DATE	DATE	RX8 - I	A

USED ON OPTION/MODEL	DRN. J.Fleming	DATE 2/18/79	TITLE			
	CHK'D. <i>MC</i>	DATE 5/2/75	RX8 FLOPPY DISK SYSTEM			
	PROJ ENG. <i>W. B. O. Jr.</i>	DATE 5/13/77				
			SIZE	CODE	NUMBER	REV
			B	DD	RX8- β	A
	FIELD SERV.		DIST			



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

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
PARTS LIST

QUANTITY / VARIATION

MADE BY <i>McCarthy</i>	CHECKED	SECTION
DATE <i>5/12/75</i>	DATE <i>McCarthy 5/29/75</i>	1
ENG	PROD <i>J. D. Miller</i>	ISSUED SECT.
DATE <i>6/13/75</i>	DATE <i>6/13/75</i>	1

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	RX8-AA	RX8-AC	RX8-AD	RX8-BA	RX8-BC	RX8-BD	RX8-E						
1	E-UA-RX01-AA-0	SINGLE FLOPPY DISK SYSTEM, 115V, 60HZ	1	-	-	-	-	-	-						
2	E-UA-RX01-AC-0	SINGLE FLOPPY DISK SYSTEM, LOW VOLT, 50HZ	-	1	-	-	-	-	-						
3	E-UA-RX01-AD-0	SINGLE FLOPPY DISK SYSTEM, HIGH VOLT, 50HZ	-	-	1	-	-	-	-						
4	E-UA-RX01-BA-0	DUAL FLOPPY DISK SYSTEM, 115V, 60HZ	-	-	-	1	-	-	-						
5	E-UA-RX01-BC-0	DUAL FLOPPY DISK SYSTEM, LOW VOLT, 50HZ	-	-	-	-	1	-	-						
6	E-UA-RX01-BD-0	DUAL FLOPPY DISK SYSTEM, HIGH VOLT, 50HZ	-	-	-	-	-	1	-						
7	D-CS-M8357-0-1	OMNIBUS INTERFACE	1	1	1	1	1	1	1						
8	EM-00002	DRAWING DIRECTORY, RX01	1	1	1	1	1	1	-						
9	EM-00003	DRAWING DIRECTORY, RX8	1	1	1	1	1	1	-						
10	EK-RX01-MM	RX8/RX11 MAINTAINENCE MANUAL	1	1	1	1	1	1	-						
11	3612408-00	DISKETTE	1	1	1	2	2	2	-						
12	A-PI-3700185-0-0	PACKAGING INSTRUCTIONS	1	1	1	1	1	1	1						
13	ZF220RB	RX8 DIAGNOSTIC KIT	1	1	1	1	1	1	-						
14	A-PI-3700193-0-0	CUSTOMER PACKAGING INSTRUCTIONS	1	1	1	1	1	1	1						

TITLE SHIPPING LIST, RX8	ASSY NO.	SIZE	CODE	NUMBER	REV.	ECO NO.
	<i>— / — / —</i>	A	PL	RX8-0-3		
SHEET 1 OF 1	DIST.					

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0-0-RXB-0-0 2

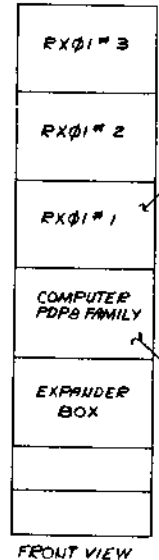
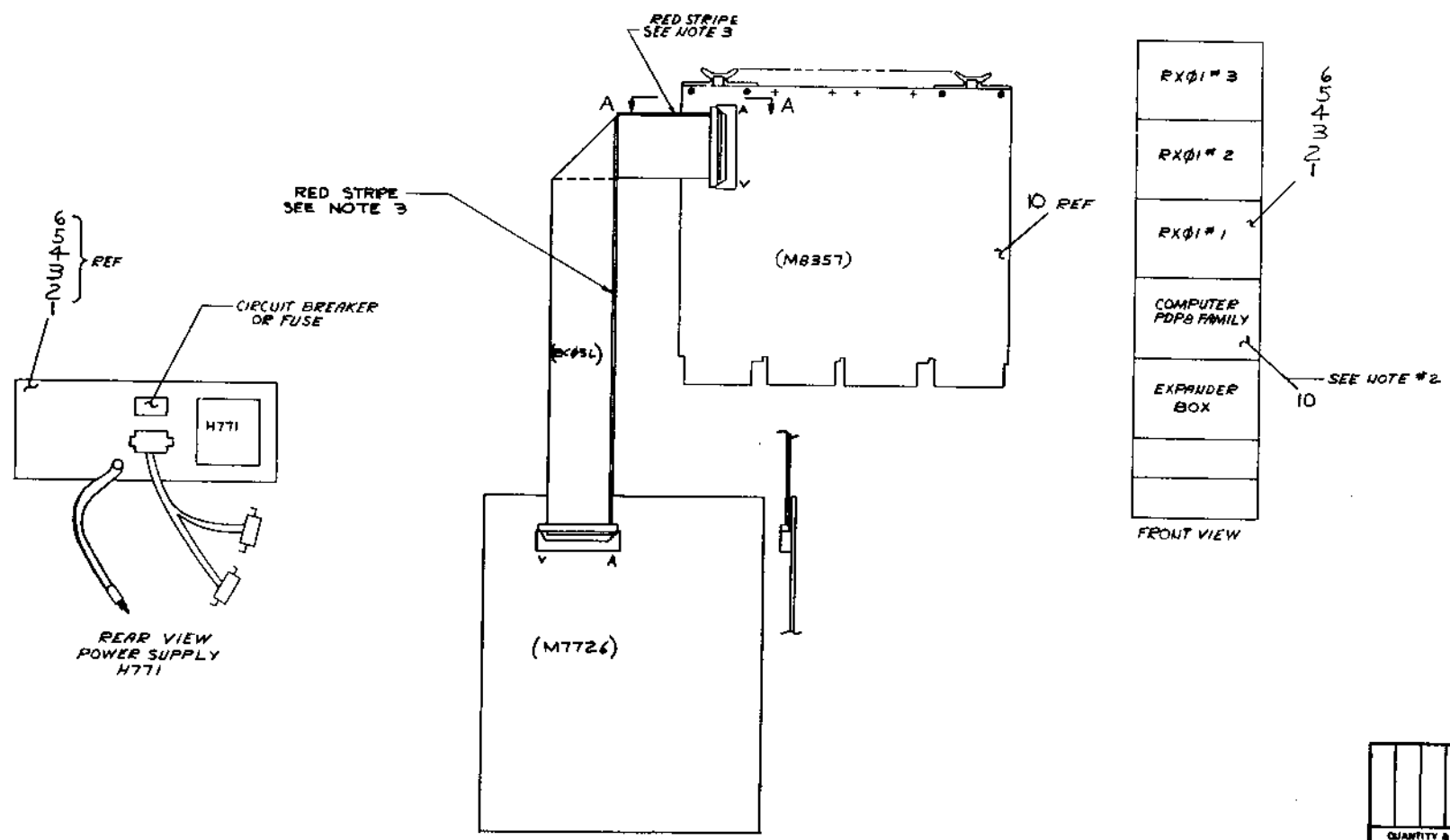
LEGEND

NUMBER	VARIATION
RXB-AA	RX01-AA / RX0-E INTERFACE, 115 V, 60 HZ
RXB-AC	RX01-AC / RX0-E INTERFACE, LOW V, 50 HZ
RXB-AD	RX01-AD / RX0-E INTERFACE, HIGH V, 50 HZ
RXB-BA	RX01-BA / RX0-E INTERFACE, 115 V, 60 HZ
RXB-BC	RX01-BC / RX0-E INTERFACE, LOW V, 50 HZ
RXB-BD	RX01-BD / RX0-E INTERFACE, HIGH V, 50 HZ
RXB-DA	RX01-DA / RX0-E INTERFACE, 115 V, 60 HZ
RXB-DC	RX01-DC / RX0-E INTERFACE, LOW V, 50 HZ
RXB-DD	RX01-DD / RX0-E INTERFACE, HIGH V, 50 HZ
RXB-E	OMNIBUS INTERFACE (M8357)

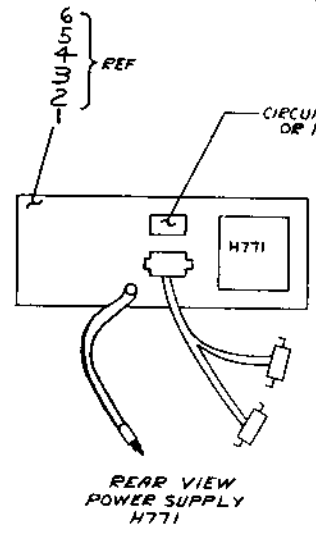
NOTES:

- ONE (1) BC05L CABLE SUPPLIED WITH EACH RX01.
- ONE (1) M8357 (RX0-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



REAR VIEW POWER SUPPLY H771

DESCRIPTION		DWG. PART NO.		ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
ANGLES	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE		
SURFACE QUALITY	(CHECK ONE)	0-15	15-30	30-60
QUANTITY & VARIATION	PREFERRED	1.000	1.000	1.000
THIRD ANGLE PROJECTION	DRW. BY	3/2/75	FIRST USED ON	
REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D	3/2/75	PDP8 FAMILY	
DO NOT SCALE DWG	ENGR.	3/2/75	TITLE	
MATERIAL	PROD.	3/2/75	RX8 FLOPPY DISK SYSTEM	
FINISH	NEXT FROM ASBY.	3/2/75	SIZE	CODE
			D	UA
			SCALE	NONE
			SHEET	1 OF 1
			DIST.	

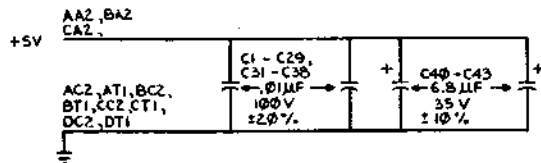
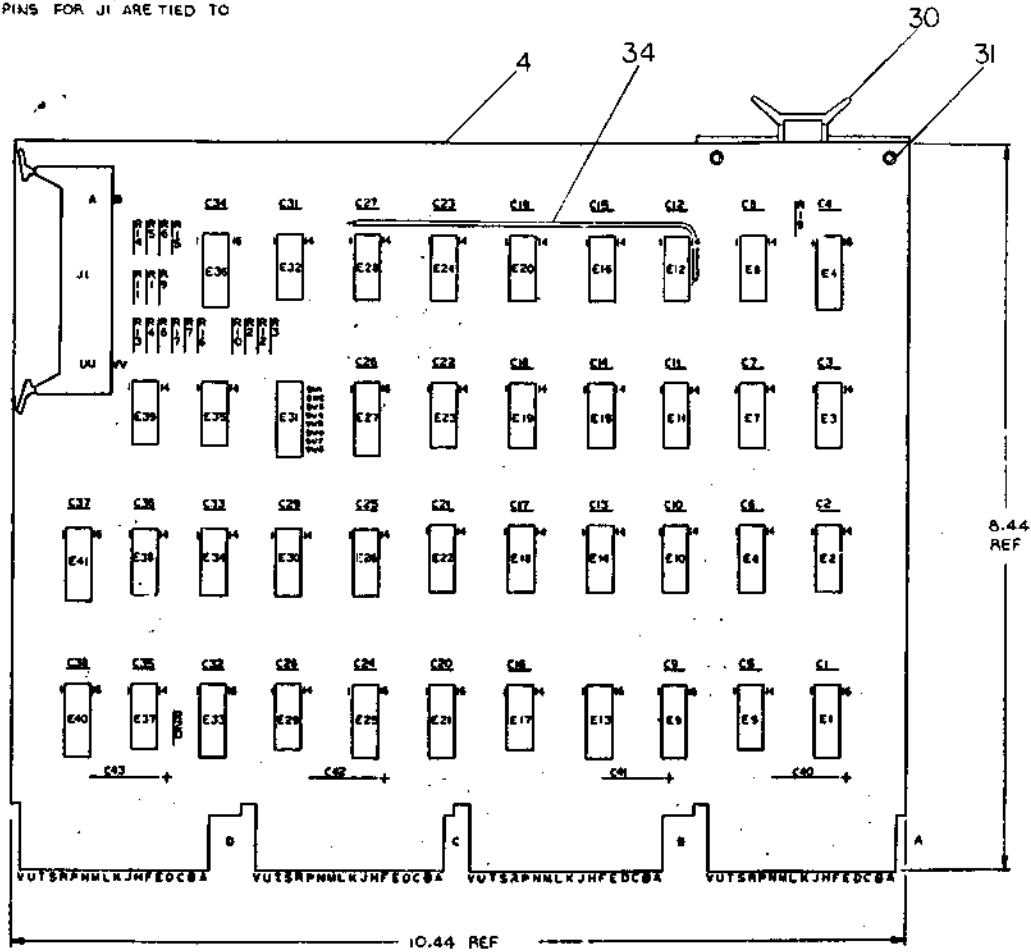
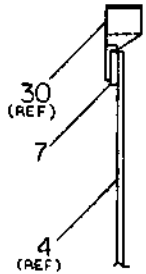
REV. 1
CHANGE NO. 1

D:\RX8-0-0

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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-CD-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 - C30	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	1905004 - 00 17
1	E39	IC 384	1909496 - 00 18
3	E9, E21, E33	IC 8271	1909615 - 00 19
3	E8, E32, E36	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 74H106	1910408 - 00 25
1	E4	IC 74161	1910650 - 00 26
1	E20	IC 7427	1910876 - 00 27
4	E1, E25, E36, E40	IC 8837	1911116 - 00 28
1	E11	IC 9640	1911469 - 00 29
4		HANDLE, FLIP-CHIP MAGENTA	9006337 - G 30
B		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 - 53 34
1	R9	RES 120 1/4W 5%	1300847 - 00 35

QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.

IC PART NO.	QTY	REF.
8844	1	B
8837	8	16
74161	8	16
74H106	13	5
7442	8	16
314	1	8
0271	8	16
384	1	8
IC TYPE	800	+1V

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

IC PIN LOCATIONS

FIRST USED ON OPTION MODEL RX8E

ETCH BOARD REV. B

PARTS LIST

DATE: 1/25/74
 BY: [Signature]
 CHECKED: [Signature]

TITLE: RX8-E OMNIBUS INTERFACE

SCALE: 1:1

SHEET 1 OF 3

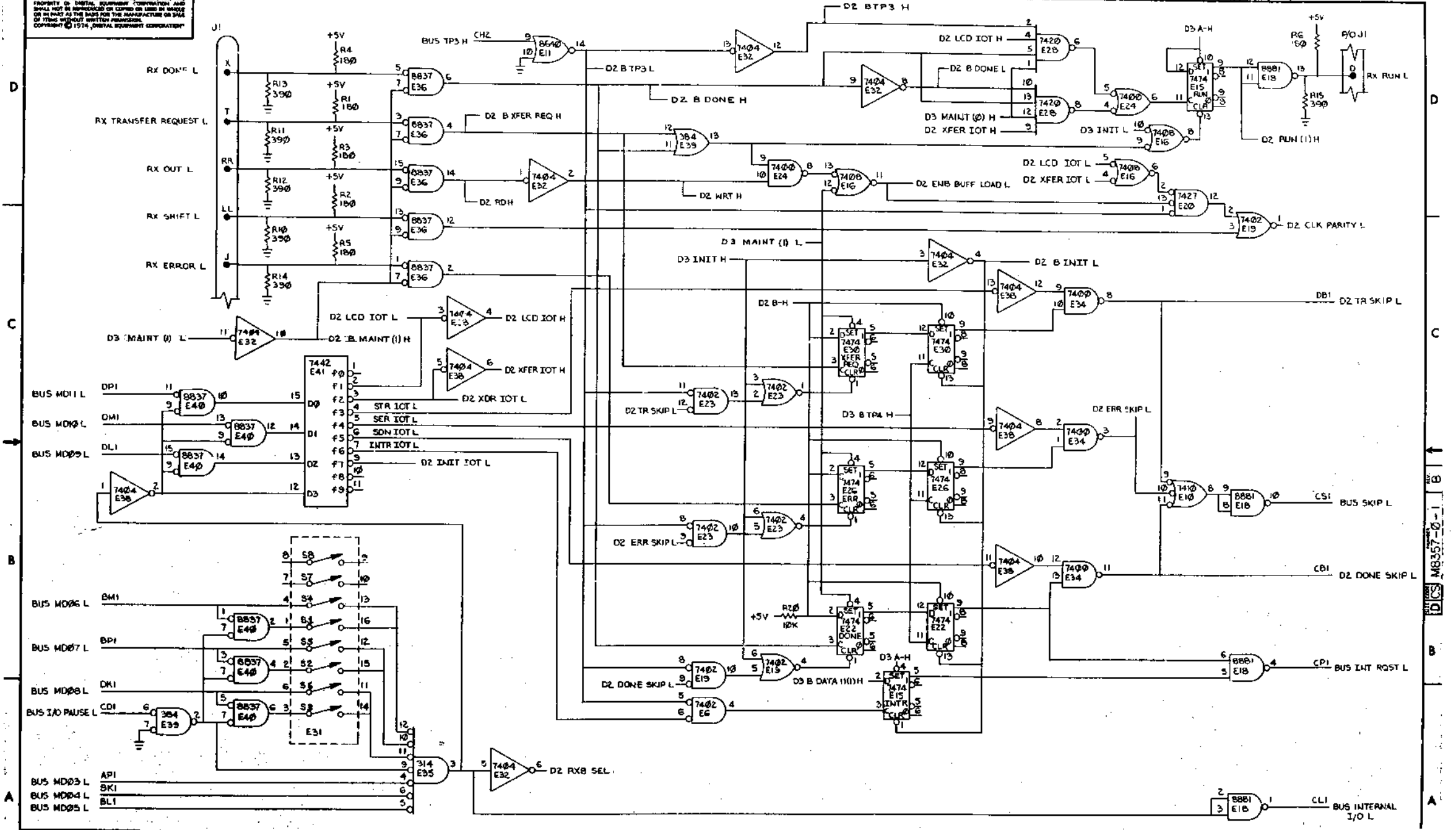
SEMICONDUCTOR CONVERSION CHART

DEC NO. GSA NO. DEC NO. GSA NO.

DIGITAL CORPORATION
 1300 WOODLAND DRIVE
 CAMBRIDGE, MASSACHUSETTS 02142

REV. B

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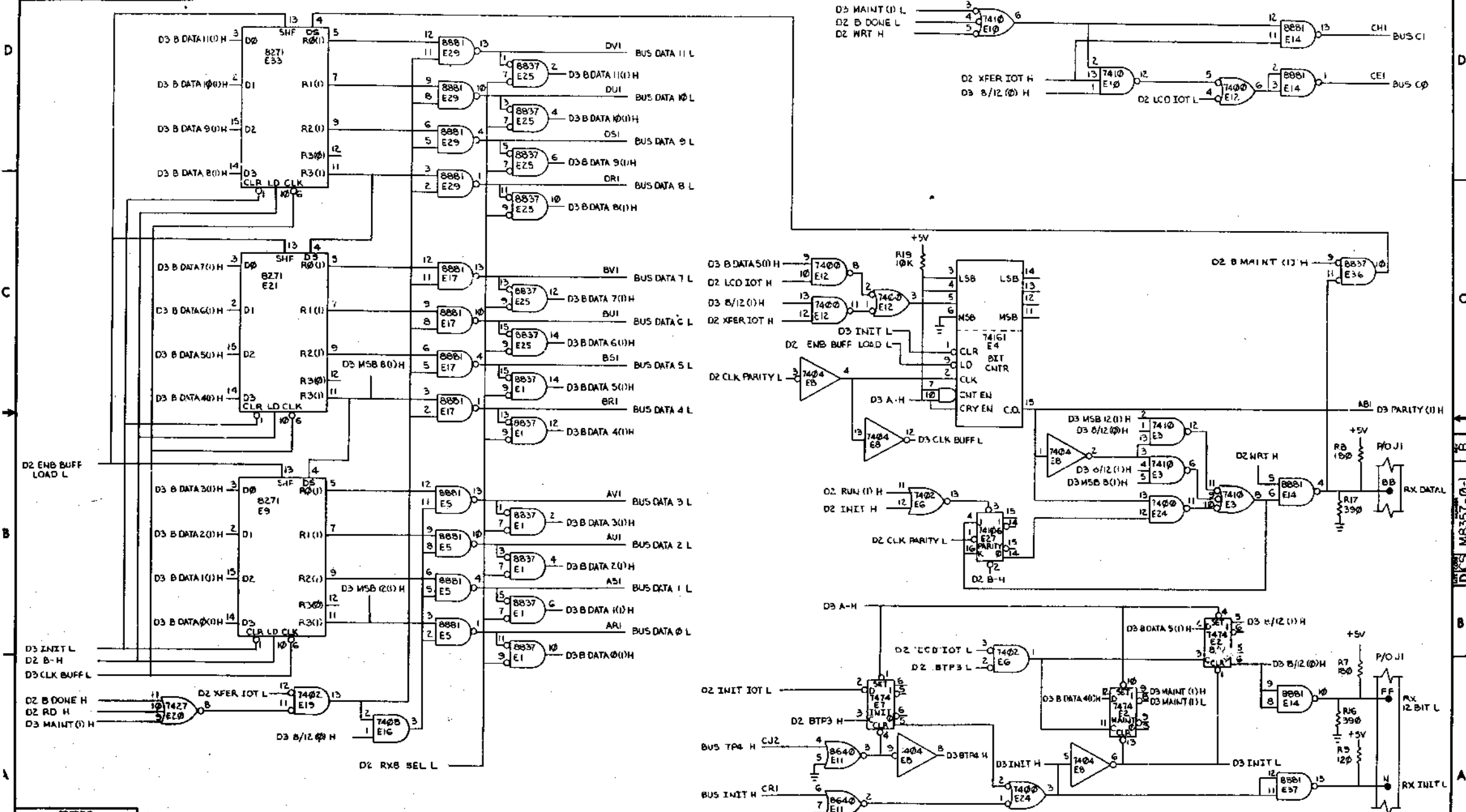
REVISED		
CHK	CHANGE NO.	REV.

(DEVICE SELECT, I/O DECODE & RX/OI CONTROL LOGIC)

TITLE	SIZE	CODE	NUMBER	REV.
RX8-E (D2)	D	CS	MB357-0-1	B
OMNIBUS INTERFACE				
SCALE	SHEET	OF	DIST.	
	2	3		

D CS MB357-0-1

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CHK	CHANGE DR.	REV.

(TRANSFER REGISTER & RX01 CONTROL LOGIC)

TITLE	RX8-E (D3)	SIZE/DOOR	SHEET	REV.
OMNIBUS INTERFACE		D CS	M8357-0-1	8
SCALE	1/8"	SHEET	3 OF 3	DATE

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>Chen</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-FI-3700193-0-0	CUSTOMER PACKAGING INSTRUCTIONS										

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