

THIS DRAWING AND SPECIFICATIONS, HEREIN ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1979, DIGITAL EQUIPMENT CORPORATION

			RX02-00																			
			RX02-AA	RX02-AC	RX02-AD	RX02-BA	RX02-BC	RX02-BD	RX02-CA	RX02-CC	RX02-DA	RX02-DC	RX02-DD	RX02-EA	RX02-LC	RX02-LD	RX02-NA	RX02-NC	RX02-ND	RX02-VA	RX02-VC	RX02-VD
42																						
43	A-PL-7017035-00	HARDWARE KIT, RX02	1	1	1	1	1	1														
44	A-PL-7017035-02	HARDWARE KIT, SLIDES																				
45	A-PL-7017035-03	HARDWARE KIT, TOP COVER																				
46	A-PL-7017035-04	HARDWARE KIT, SHIP, BRKT (U.L.)																				
47																						
48	A-SP-3700185-00	PACK, INSTR-INTERPLANT W/BEZEL	1	1	1	1	1	1														
49	A-SP-3700185-01	PACK, INSTR-INTERPLANT W/O BEZEL																				
50	A-SP-3700193-0-0	PACK, INSTR-CUSTOMER (SEE NOTE)	*	*	*	*	*	*														
51	A-SP-3700229-0-0	PACK, INSTR-DRIIE																				
52																						
53																						
54																						
55																						
56																						
57																						
ASSEMBLY																						
60	9006039-01	SCR, PH, P.H., 8-32 X .50L	1	1	1	1	1	1														
61	9006690-00	WASHER, LOCK SPLIT, NO 8	1	1	1	1	1	1														
62	9006666-00	WASHER, FLAT NO 8	1	1	1	1	1	1														
63	9006565-00	NUT, KEP, HEX, 10-32	2	2	2	2	2	2														
64	9007786-00	NUT, TIERMAN, 10-32	5	5	5	5	5	5														
65	9006700-00	SCR, 3FMS, TRUSS HD, 10-32 X .50L	15	15	15	15	15	15														
REFERENCE ONLY																						
ITEM 50 USED AS REQ'D FOR CUSTOMER SHIP ONLY.																						

REVISIONS	
CHK	CHANGE NO.

DOC FORM NO. 110 A

DRN	R.P. MORIN	1 SEPT	1979	1ST USED ON	RX02	Digital
CHK	R.P. MORIN	1 SEPT	78			
ENG	R.P. MORIN	1 SEPT	78			
PROD	ENG. GLAVIN	9-1-78				
PROD	M. DURHAM	9-1-78				
NEXT HIGHER ASSY.						
SCALE	B-DD-RX02-0	SIZE	CODE	NUMBER	REV.	
	11		PL	RX02-0-0	C	
SHEET	2	OF	2	DIST.		

4 3 2 1

[illegible]



TABLE A		
BOARD VERSION	SWITCH	POS.
-0	OFF	ON
-7A	ON	OFF
-7B	OFF	OFF

SIGNATURES	DATE
CORR. <i>KO Greenlee</i>	<i>9/27/78</i>
CHK'D. <i>D. J. ...</i>	<i>9/27/78</i>
ENG. <i>Matt King</i>	<i>9/27/78</i>
PROD. ENG. <i>W. J. ...</i>	<i>9/27/78</i>
PROD. <i>W. J. ...</i>	<i>9/27/78</i>
SCALE 2 / 1	
SHT. 1 OF 3	
NEXT NUMBER ASSY-B-D0-M7744-00	

digital

TITLE RXD2 FLOPPY
DISK CONTROLLER

SIZE/CODE	NUMBER	REV.
A M7744-00	U	

NOTES:

1. W1 INSERTED AFTER GRT TEST
2. IC'S AREN'T TO BE INSERTED IN
LOCATIONS E42, E55, E61 AND E69
3. R4 IS A SPARE RES.

INCENSE NO	REV
4-00001	C
<i>James</i> RIGGS	<i>1/2/80</i>
4-00002	D
<i>James</i> RIGGS	<i>1/2/80</i>
<i>James</i> 4-ML083	<i>6/27/78</i>
026004	E
<i>James</i> RIGGS	<i>7/8</i>
4-ML054	F
<i>James</i> RIGGS	<i>10/DEC 78</i>
<i>James</i> 4-ML056	<i>1/2/80</i>
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	G
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	H
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	I
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	J
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	K
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	L
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	M
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	N
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	O
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	P
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	Q
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	R
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	S
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	T
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	U
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	V
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	W
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	X
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	Y
<i>James</i> RIGGS	<i>1/2/80</i>
4-ML086	Z
<i>James</i> RIGGS	<i>1/2/80</i>

TABLE A		
BOARD VERSION	SWITCH	POS.
-0	OFF	ON
-7A	ON	OFF
-7B	OFF	OFF

EUDM REG. D - P1
P.C. DECLARATION FORM REG. D

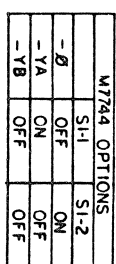
SIGNATURES		DATE	
DIR. <i>K. O. Green</i>		11/27/78	
CHIEF D. <i>D. J. Smith</i>		11/27/78	
ENG. <i>Mark Smith</i>		11/27/78	
PROD. ENG. <i>Mark Smith</i>		11/27/78	
PROD. <i>Mark Smith</i>		11/27/78	
SCALE 2/1			
SHT. 1 OF 3			
NEXT NUMBER ASSY-B-D0-M7744-00			

digital	
TITLE	RX02 FLOPPY
DISK CONTROLLER	
SIZE CODE	NUMBER
U A	M7744-00
U	

[illegible][illegible]

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
31	31	1910155-00	DEC 7408 AND GATE,POS,QUAD 2I	2	E3,E4
32	32	1910532-00	74S00 NAND GATE-QUAD 2IN	2	E32,E41
33	33	1910534-00	74S04 INVERTER GATE-HEX 1I	2	E5,E64
34	34	1910536-00	74S10 NAND GATE-TRIPLE 3IN	1	E39
35	35	1910541-00	74S40 NAND GATE-DUAL 4IN,B	1	E22
36	36	1910544-00	74S74 FF-D DUAL,EDGE TRIGG	1	E28
37	37	1910547-00	74S153 MUX 1 OF 4 (DUAL)	1	E44
38	38	1910550-00	74S174 FF-D HEX	1	E41
39	39	1910551-00	DEC 74175 FF-D QUAD	1	E49
40	40	1910652-00	DEC 74174 FF-D HEX	1	E19,E54,E68
41	41	1911469-00	DEC 8640 RECEIVER,BUS,QUAD,U	3	E6,E9
42	42	1911713-00	74163 COUNTER,SYNCH,4-BIT	2	E34,E35
43	43	1912389-00	74S08 AND GATE-QUAD 2IN,PO	1	E40
44	44	1912696-00	LS194A SHIFT REG.,4BIT BI-D	2	E52,E58
45	45	1912803-00	LS04 INVERTER GATE-HEX 1I	2	E29,E31
46	46	1912805-00	LS08 AND GATE-QUAD 2IN,PO	1	E37
47	47	1912807-00	LS10 NAND GATE-TRIPLE 3IN	1	E38
48	48	1912808-00	LS11 AND GATE-TRIPLE 3IN	1	E26
49	49	1912811-00	LS21 AND GATE-DUAL 4IN,PO	2	E23,E36
50	50	1912820-00	LS51 A-D-I GATE 2-WIDE 2I	1	E24
51	51	1912823-00	LS73 FF-JK DUAL W/CLEAR	3	E1,E2,E14
52	52	1912834-01	74LS112N FF-JK DUAL,EDGE TRIG	5	E13,E15,E17,E18,E50
53	53	1912849-00	LS161 COUNTER,SYNCH,4BIT	3	E51,E57,E63
54	54	1913245-00	2901 BIPOLAR MICROPROCESSO	2	E46,E65
55	55	1913474-00	9401 GENERATOR/CHECKER CR	1	E43
56	56	1913772-00	2909DC MICROPROGRAM SEQUEN	3	E47,E59,E66
57	57	2111318-01	AM 2102-1 RAM,1024BIT,STATIC	2	E56,E62
58	58	23229F1-00	F1-01	1	E67
59	59	23230F1-00	F1-01	1	E60
60	60	23431F1-00	F1-01	1	E53
61	61	23232F1-00	F1-01	1	E48
62	62	9009185-00	JUMPER, WIRE, INSULATED, BLACK B	1	W1
63	63	9009185-00	*** THIS ITEM IS NOT USED ***	-	
64	64	1211164-07	SW,DIP 1P 1A 2POS	1	
65	65	9105740-55	*** THIS ITEM IS NOT USED ***	1	S1

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE CODE	DOCUMENT NUMBER	REV
							RX02 FLOPPY DISK CONTROLLER		K	FL M7744-0-DBP	J



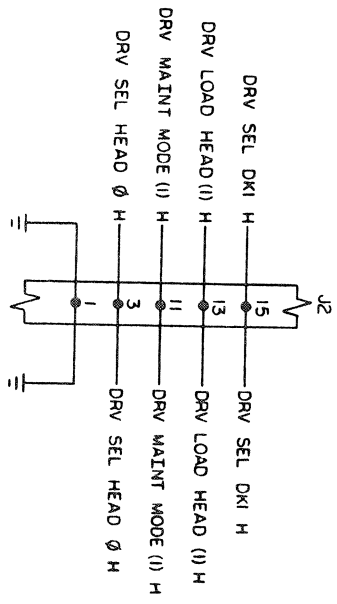
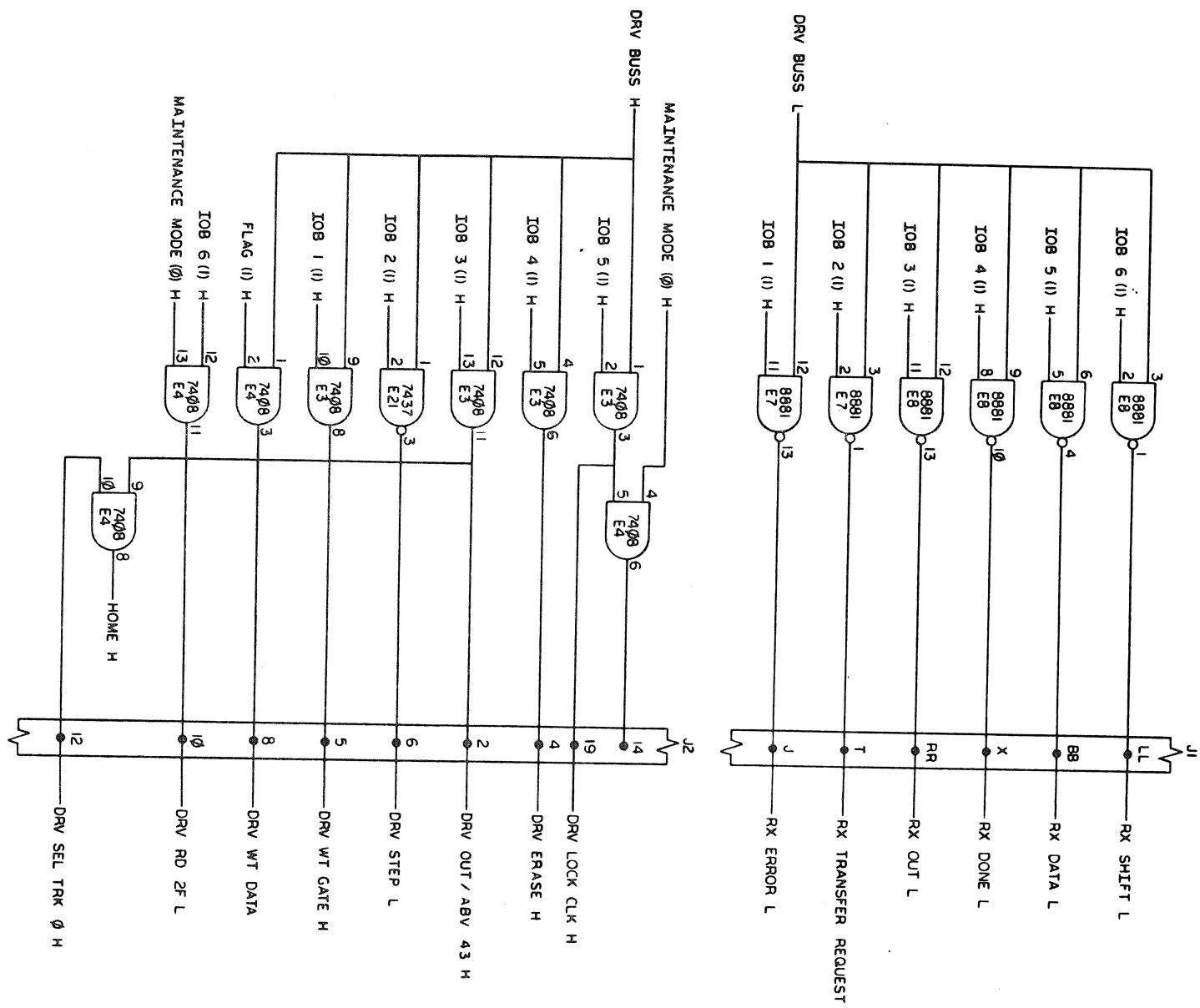
1. SPARE IC LOCATION AT E10, E30, E33, E45.
2. E42, E55, E61, E69 ARE IC LOCATIONS ONLY, NO COMPONENTS ARE TO BE INSERTED. SEE SHEET M0
3.

M734 OPTIONS

DNR. <i>1982-11-16</i>		DATE FIRST USED ON	<i>11/16/82</i>
CHG. NO. <i>444</i>		RX02	
ENG. NO. <i>1111</i>		TITLE	
PNO. ENG. <i>23178</i>		RX02 FLOPPY	
PROD. NO. <i>23178</i>		DISK CONTROLLER	
NEXT NUMBER ASSY.		REV. <i>J</i>	
B-DD-M7744-0	SIZE CODE	NUMBER	
SHEET 1 OF 10	D	M7744-0-1	
DIST	CS		



THIS DRAWING AND SPECIFICATION, HEREIN, ARE THE PROPERTY OF THE MANUFACTURER AND SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART WITHOUT THE WRITTEN PERMISSION OF THE MANUFACTURER. THE MANUFACTURER'S NAME AND ADDRESS ARE: 1977 DIGITAL EQUIPMENT CORPORATION



REVISIONS	
CHG	CHANGE NO.
8	

TITLE	
PX02 FLOPPY DISK CONTROLLER	
SCALE	SHEET 3 OF 10

SIZE CODE	
DCS	
NUMBER	M7744-0-1

REV.	
J	
1	

