

DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY **D. MANTON** CHECKED **R. Quinn** SECTION
 DATE **12/8/77** DATE **2-21-78**
 ENG **R. Quinn** PROD **R. Quinn** ISSUED SECTION
 DATE **2-21-78** DATE **2-21-78**

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	M8044-AA* QUANTITY / VARIATION				REF DESIGNATION
				M8044-AB	M8044-AC	M8044-AD	M8044-AE	
1	D-CS-M8044-0-1		CIRCUIT SCHEMATIC	REF REF	REF REF	REF REF	REF REF	NOTES: M8044-AA* IS A PRIMARY VARIATION OF THE 4K X 16 BIT SYSTEM. (NOT A MODULE TYPE) M8044-AB, AC, AD, AE, ARE MODULE TYPES, USING DIFFERENT 4K MOS DEVICES AND ARE IDENTICAL IN FUNCTION AND PURPOSE.
2	D-UA-M8044-0-0		UNIT ASSEMBLY	REF REF	REF REF	REF REF	REF REF	
3	B-DD-M8044-0-0		DWG. DIRECTORY	REF REF	REF REF	REF REF	REF REF	
4	D-MD-5013128-0-0		DRILL & ETCH DRAWING	REF REF	REF REF	REF REF	REF REF	
5		10-10279-00	CAP 0.47 UF 25V 20% CER	1	1	1	1	
6		10-01610-00	CAP 0.01 UF 50V 20% CER	27	27	27	27	
7		10-02627-00	CAP 2.2 UF 20V 10% S. TANT	3	3	3	3	
8		10-12121-00	CAP 220 PF 100V 1% DM	2	2	2	2	
9		10-05306-00	CAP 6.8 UF 35V 10% S. TANT	2	2	2	2	
10		10-12219-00	CAP 47 UF 30V AL EL	2	2	2	2	
11		11-05275-00	DIODE D672	2	2	2	2	
12		12-11164-01	SWITCH 5 POS	1	1	1	1	
13		13-09412-00	RES 18.2K 1/4W 1% MF	1	1	1	1	
14		13-09416-00	RES 31.6K 1/4W 1% MF	1	1	1	1	
15		13-02957-00	RES 121 1/4W 1% MF	1	1	1	1	
16		13-00295-00	RES 330 1/4W 5% CC	2	2	2	2	
17		13-05126-00	RES 619 1/4W 1% CC	1	1	1	1	
		13-03110-00	RES 19.6 1/4W 1% MF	1	1	1	1	
		13-05124-00	RES 287 1/4W 1% MF	1	1	1	1	
		13-01874-00	RES 5.6K 1/4W 5% CC	2	2	2	2	
		13-14636-00	RES NETWORK (2-5K 1/8 W 5%)	3	3	3	3	

E.C.O. NO. **00001**
ML002

TITLE **32K 16 BIT MOS MEMORY**
 ASSY NO. **D-UA-M8044-0-0** SIZE **B** CODE **PL** NUMBER **M8044-0-0** REV. **D**
 SHEET **1** OF **16** INSERTION PARTS LIST DATA BASE REV **—**

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DRB 125

DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY R. MANTON
 DATE 12/8/77
 CHECKED R. Manton
 DATE 2-21-78
 ENG R. Manton
 DATE 2-21-78
 PROD R. Manton
 DATE 2-21-78

SECTION
 ISSUED SECTION

ITEM NO. DRAWING NO. PART NO. DESCRIPTION

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	M8044-AA* QUANTITY / VARIATION				NOTES:
				M8044-AB	M8044-AC	M8044-AD	M8044-AE	REF DESIGNATION
18		13-14637-00	RES NETWORK (3-22 1/8 W 5%)	4	4	4	4	R1, R2, R7, R8
19		13-05123-00	RES 215 1/4W 1% MP	1	1	1	1	R22
20		13-00365-00	RES 1K 1/4W 5% CC	2	2	1	1	R12, R13
21		13-02674-00	RES 147 1/4W 1% MP	1	1	1	1	R21
22		13-02685-00	RES 909 1/4W 1% MP	1	1	1	1	R17
23		13-00271-00	RES 220 1/4W 5%	2	2	2	2	R14, R15
24		19-11579-00	DEC I.C. 8641	6	6	6	6	E1, E8, E51, E57, E63, E69
25		19-11469-00	DEC I.C. 8640	2	2	2	2	E13, E22
26		19-11944-00	DEC I.C. 555	1	1	1	1	E34
27		19-12746-00	DEC I.C. 74S37	3	3	3	3	E6, E17, E3
28		19-10544-00	DEC I.C. 74S74	3	3	3	3	E15, E12, E14
29		19-13670-00	DEC I.C. 74S373	5	5	5	5	E40, E70, E29, E46, E35
30		19-14451-00	DEC I.C. 74LS393	1	1	1	1	E23
31		19-10536-00	DEC I.C. 74S10	1	1	1	1	E20
32		19-10537-00	DEC I.C. 74S11	1	1	1	1	E11
33		19-13463-00	DEC I.C. 74S240	1	1	1	1	E18
34		19-12649-00	DEC I.C. 74LS75	1	1	1	1	E16
35		19-10540-00	DEC I.C. 74S22	1	1	1	1	E19

NO. 37

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TITLE: 32K 16 BIT MOS MEMORY

ASSY NO. D-UA-M8044-0-0

SHEET 2 OF 16

SIZE B

CODE PL

NUMBER M8044-0-0

REV. D

M L

DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY D. MANTON	CHECKED <i>R. Binns</i>	SECTION
DATE 12/8/77	DATE 2-21-78	ISSUED SECTION
ENG <i>R. Binns</i>	PROD <i>R. Binns</i>	
DATE 2-21-78	DATE 2-21-78	

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	M8044-AA*				QUANTITY / VARIATION	NOTES:
				M8044-AB	M8044-AC	M8044-AD	M8044-AE		
38		19-13340-00	DEC I.C. 74S32	1	1	1	1	E10	
39		19-12388-00	DEC I.C. 74S02	1	1	1	1	E7	
40		19-10544-01	DEC I.C. 74S74-01	1	1	1	1	E21	
41		19-12541-00	-5 VOLT REGULATOR	1	1	1	1	Q1	
42		19-12807-00	DEC I.C. 74LS10	1	1	1	1	E28	
43		19-13777-00	DEC I.C. 74LS240	2	2	2	2	E5, E18	
44		91-07771-00	DIODE ASSEMBLY SPACER	4	4	4	4	(USED WITH W2, W3)	
45		90-09149-00	PIN WIRE WRAP .025 SQ. X .345 LING13	13	13	13	13	W1	
46		90-09185-00	JUMPER WIRE INSULATED	1	1	1	1	(USE UNDER Q1)	
47		90-07254-00	TRANSIPAD	1	1	1	1		
48		90-08337-06	HANDLE FLIP CHIP (MAGENTA)	2	2	2	2		
49		90-06732-00	EYELETS	4	4	4	4		
50		91-05740-55	WIRE 30 AWG. GRN	A/R	A/R	A/R	A/R	E4	
51		16-13120-00	DELAY LINE 200NS	1	1	1	1	C124 thru C145, C147 thru C155	
52		10-10274-01	CAP 0.22 UF 50V +80 - 20% CER	31	31	31	31		
53									
54									
55		23-216F1-00	DEC I.C. 1KX4 TTL PROM	1	1	1	1	E9	
56									
57									
58									

E.C.O. NO.	TITLE 32K 16 BITT MOS MEMORY	ASSY NO. D-1A-M8044-0-0	SIZE B	CODE PL	NUMBER M8044-0-0	REV. D
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DRB 126						

ML

DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY D. MANTON 12/8/77	CHECKED R. Hanson 2-21-78
DATE	DATE
ENG R. Hanson 2-21-78	PROD R. Hanson 2-21-78
DATE	DATE

SECTION	ISSUED SECTION
M8044-AA*	M8044-AB
M8044-AC	M8044-AD
M8044-AE	

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY / VARIATION				NOTES:
				M8044-AA*	M8044-AB	M8044-AC	M8044-AD	
59		21-13735-01	4K MOS MEMORY 16 PIN IC (MOSTEK)	16	-	-	-	E24, E26, E30, E32, E36, E38, E41, E43, E53, E55, E59, E61, E65, E67, E71, E73,
60		21-14475-01	4K MOS MEMORY 16 PIN IC (FUJITSU)	-	16	-	-	E24, E26, E30, E32, E38, E41, E43, E53, E55, E59, E61, E65, E67, E71, E73, E36
61		5013128	ETCH BOARD	1	1	1	1	
62		91-07560-01	WIRE #22 BUSS	A/R	A/R	A/R	A/R	
63		21-13914-01	4K MOS MEMORY 16 PIN IC (DEC)	-	-	16	-	E24, 26, 30, 32, 36, 38, 41, 43, 53, 55, 59, 61, E64, 67, 71, 73
64		21-14114-01	4K MOS MEMORY 16 PIN IC (MOTOROLA)	-	-	-	16	E24, 26, 30, 32, 36, 38, 41, 43, 53, 55, 59, 61, E65, 67, 71, 73

E.C.O. NO.	TITLE 32K 16 BIT MOS MEMORY	ASSY NO. D-UA-M8044-0-0	SIZE B	CODE PL	NUMBER M8044-0-0	REV. D
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M/L

DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY D. MANION	CHECKED R. J. Shaw	SECTION
DATE 12/8/77	DATE 2-21-78	ISSUED SECTION
ENG R. J. Shaw	PROD R. J. Shaw	
DATE 2-21-78	DATE 2-21-78	

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	M8044-BA*				REF DESIGNATION
				QUANTITY	VARIATION			
1	D-CS-M8044-0-1	10-10279-00	CIRCUIT SCHEMATIC	REF	REF			C10
2	D-UA-M8044-0-0	10-01610-00	UNIT ASSEMBLY	REF	REF			C7, C99, C100 thru C123, C146
3	B-DD-M8044-0-0	10-02627-00	DMG. DIRECTORY	REF	REF			C5, C6, C9
4	D-MD-5013128-0-0	10-12121-00	DRILL & ETCH DRAWING	REF	REF			C8, C12
5		10-05306-00	CAP 0.47 UF 25V 20% CER	2	2			C3, C4
6		10-12219-00	CAP 0.01 UF 50V 20% CER	2	2			C1, C2
7		11-05275-00	CAP 2.2 UF 20V 10% S. TANT	2	2			D1, D2
8		12-11164-01	CAP 220 PF 100V 1% DM	2	2			E2
9		13-09412-00	CAP 6.8 UF 35V 10% S. TANT	1	1			R26
10		13-09416-00	CAP 47 UF 30V AL EL	1	1			R25
11		13-02957-00	DIODE D672	1	1			R16
12		13-00295-00	SWITCH 5 POS	2	2			R27, R21
13		13-05126-00	RES 18.2K 1/4W 1% MF	1	1			R19
14		13-03110-00	RES 31.6K 1/4W 1% MF	1	1			R18
15		13-05124-00	RES 121 1/4W 1% MF	1	1			R20
16		13-01874-00	RES 330 1/4W 5% CC	2	2			R11, R24
17		13-14636-00	RES 619 1/4W 1% CC	1	1			R4, R5, R6

NOTES:
M8044-BA* IS A PRIMARY VARIATION OF THE 8 K X 16 BIT SYSTEM. (NOT A MODULE TYPE) M8044-B, B, BC, BD, BE ARE MODULE TYPES, USING DIFFERENT 4K MOS DEVICES AND ARE IDENTICAL IN FUNCTION AND PURPOSE.

C.O. NO.	TITLE 32K 16 BIT MOS MEMORY	ASSY NO. D-UA-M8044-0-0	SIZE B	CODE PL	NUMBER M8044-0-0	REV. D
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DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY R. MANTON 12/8/77	CHECKED R. MANTON 2-21-78	SECTION
DATE 2-21-78	DATE 2-21-78	ISSUED SECTION
ENG R. MANTON	PROD R. MANTON	
DATE 2-21-78	DATE 2-21-78	

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	M8044-BA*				QUANTITY / VARIATION	NOTES:
				M8044-BB	M8044-BC	M8044-BD	M8044-BE		
18		13-14637-00	RES NETWORK (3-22 1/8 W5%)	4	4	4	4	R1, R2, R7, R8	
19		13-05123-00	RES 215 1/4W 1% MF	1	1	1	1	R22	
20									
21		13-00365-00	RES 1K 1/4W 5% CC	2	2	2	2	R12, R13	
22		13-02874-00	RES 147 1/4W 1% MF	1	1	1	1	R22	
23		13-02685-00	RES 909 1/4W 1% MF	1	1	1	1	R17	
24		13-00271-00	RES 220 1/4W 5%	2	2	2	2	R14, R15	
25		19-11579-00	DEC I.C. 8641	6	6	6	6	E1, E8, E51, E57, E63, E69	
26		19-11469-00	DEC I.C. 8640	2	2	2	2	E13, E22	
27		19-11944-00	DEC I.C. 555	1	1	1	1	E34	
28		19-12746-00	DEC I.C. 74S37	3	3	3	3	E6, E17, E3	
29		19-10544-00	DEC I.C. 74S74	3	3	3	3	E15, E12, E14	
30									
31		19-13670-00	DEC I.C. 74S373	5	5	5	5	E40, E70, E29, E46, E35	
32		19-14451-00	DEC I.C. 74LS393	1	1	1	1	E23	
33		19-10536-00	DEC I.C. 74S10	1	1	1	1	E20	
34		19-10537-00	DEC I.C. 74S11	1	1	1	1	E11	
35		19-13462-00	DEC I.C. 74S240	1	1	1	1	E10	
36		19-12649-00	DEC I.C. 74LS75	1	1	1	1	E16	
37		19-10540-00	DEC I.C. 74S22	1	1	1	1	E19	

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DRB 125	SHEET 5 OF 16	INSERTION PARTS LIST DATA BASE REV -				

M C

DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY D. MANTON	CHECKED R. Burns	SECTION
DATE 12/8/77	DATE 2-21-78	ISSUED SECTION
ENG P. Burns	PROD R. Mantel	
DATE 2-21-78	DATE 2-21-78	

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	M8044-BA* QUANTITY / VARIATION					REF DESIGNATION
				M8044-BB	M8044-BC	M8044-BD	M8044-BE		
38		19-13340-00	DEC I.C. 74S32	1	1	1	1	E10	
39		19-12388-00	DEC I.C. 74S02	1	1	1	1	E7	
40		19-10544-01	DEC I.C. 74S74-01	1	1	1	1	E21	
41		19-12541-00	-5 VOLT REGULATOR	1	1	1	1	Q1	
42		19-12807-00	DEC I.C. 74LS10	1	1	1	1	E28	
43		19-13777-00	DEC I.C. 74LS240	2	2	2	2	E5, E18 (USED WITH W2, W3)	
44		91-07771-00	DIODE ASSEMBLY SPACER	4	4	4	4	W1 (USE UNDER Q1)	
45		90-09149-00	PIN WIRE WRAP .025 SQ. X .345 LING13	13	13	13	13		
46		90-09185-00	JUMPER WIRE INSULATED	1	1	1	1		
47		90-07254-00	TRANSIPAD	1	1	1	1		
48		90-08337-06	HANDLE FLIP CHIP (MAGENTA)	2	2	2	2		
49		90-06732-00	EYELETS	4	4	4	4		
50		91-05740-55	WIRE 30 AWG. GRN	A/R	A/R	A/BA/R	A/BA/R	E4	
51		16-13120-00	DELAY LINE 200NS	1	1	1	1		
52		10-10274-01	CAP 0.22 UF 50V +80 - 20% CER	31	31	31	31	C124 thru C145, C147 thru C155	
53									
54									
55		23-195F1-00	DEC I.C. 1KX4 TTL PROM	1	1	1	1	E9	
56									
57									
58									

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ASSY NO. D-UA-M8044-Ø-Ø	SIZE CODE NUMBER REV. B PL M8044-0-0 D
SHEET 7 OF 16	INSERTION PARTS LIST DATA BASE REV.

DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY D. MANTON	CHECKED R. <i>Ryan</i>	SECTION
DATE 12/8/77	DATE 2-21-78	ISSUED SECTION
ENG R. <i>Ryan</i>	PROD A. <i>Ryan</i>	
DATE 2-21-78	DATE 2-21-78	

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	M8044-BA*				QUANTITY / VARIATION	NOTES:
				M8044-BB	M8044-BC	M8044-BD	M8044-BE		
59									
60		21-13735-01	4K MOS MEMORY 16 PIN IC (MOSTEK)	32	-	-	-		E24, E26, E30, E32, E36, E38, E41, E43, E53, E55, E59, E61, E65, E67, E71, E73, E25, E27, E31, E33, E37, E39, E42, E44, E54, E56, E60, E62, E66, E68, E72, E74
61		21-14475-01	4K MOS MEMORY 16 PIN IC (FUJITSU)	-	32	-	-		E24, E26, E30, E32, E38, E41, E43, E53, E55, E59, E61, E65, E67, E71, E73, E36, E25, E27, E31, E33, E37, E39, E42, E44, E54, E56, E60, E62, E66, E68, E72, E74
62		5013128	ETCH BOARD	1	1	1	1		
63		91-07560-01	WIRE #22 BUSS	A/R	A/R	A/R	A/R		W2, W3
64		21-13914-01	4K MOS MEMORY 16 PIN IC (DEC)	-	-	32	-		E24, 26, 30, 32, 36, 38, 41, 43, 53, 55, 59, 61, E65, 67, 71, 73, 25, 27, 31, 33, 37, 39, 42, 44, E54, 56, 50, 62, 66, 68, 72, 74
65		21-14114-01	4K MOS MEMORY 16 PIN IC (MOTOROLA)	-	-	-	32		E24, 26, 30, 32, 36, 38, 41, 43, 53, 55, 59, 61, E65, 67, 71, 73, 25, 27, 31, 33, 37, 39, 42, 44, E54, 56, 60, 62, 66, 68, 72, 74

E.C.O. NO.		TITLE	32K 16 BIT MOS MEMORY
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ASSY NO.	D-UA-M8044-0-0	SIZE	B
SHEET	8 OF 15	CODE	PL
		NUMBER	M8044-0-0
		REV.	D
REF DESIGNATION: INSERTION PARTS LIST DATA BASE REV -			

DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY D. MANTON
 DATE 12/8/77
 ENG R. *Wu*
 DATE 2-21-78

CHECKED R. *Wu*
 DATE 2-21-78
 PROD R. *Wu*
 DATE 2-21-78

SECTION
 ISSUED SECTION

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	M8044-CA* QUANTITY / VARIATION						REF DESIGNATION
				M8044-CB	M8044-CC	M8044-CD	M8044-CE	M8044-CF		
1	D-CS-M8044-0-1		CIRCUIT SCHEMATIC	REF REF	REF	REF	REF	REF		C10
	D-UA-M8044-0-0		UNIT ASSEMBLY	REF REF	REF	REF	REF	REF		C7, C99, C100 thru C123, C146
	B-DD-M8044-0-0		DWG. DIRECTORY	REF REF	REF	REF	REF	REF		C5, C6, C9
	D-MD-5013128-0-0		DRILL & ETCH DRAWING	REF REF	REF	REF	REF	REF		C8, C12
2		10-10279-00	CAP 0.47 UF 25V 20% CER	1	1	1	1	1		C3, C4
3		10-01610-00	CAP 0.01 UF 50V 20% CER	27	27	27	27	27		C1, C2
4		10-02627-00	CAP 2.2 UF 20V 10% S. TANT	3	3	3	3	3		D1, D2
5		10-12121-00	CAP 220 PF 100V 1% DM	2	2	2	2	2		E2
6		10-05306-00	CAP 6.8 UF 35V 10% S. TANT	2	2	2	2	2		R26
7		10-12219-00	CAP 47 UF 30V AL EL	2	2	2	2	2		R25
8		11-05275-00	DIODE D672	2	2	2	2	2		R16
9		12-11164-01	SWITCH 5 POS	1	1	1	1	1		R27, R21
10		13-09412-00	RES 18.2K 1/4W 1% MF	1	1	1	1	1		R19
11		13-09416-00	RES 31.6K 1/4W 1% MF	1	1	1	1	1		R18
12		13-02957-00	RES 121 1/4W 1% MF	1	1	1	1	1		R20
13		13-00295-00	RES 330 1/4W 5% CC	2	2	2	2	2		R11, R24
14		13-05126-00	RES 619 1/4W 1% CC	1	1	1	1	1		R4, R5, R6
15		13-03110-00	RES 19.6 1/4W 1% MF	1	1	1	1	1		
16		13-05124-00	RES 287 1/4W 1% MF	1	1	1	1	1		
17		13-01874-00	RES 5.6K 1/4W 5% CC	2	2	2	2	2		
		13-14636-00	RES NETWORK (2-5K 1/8 W 5%)	3	3	3	3	3		

DRB 125

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TITLE: 32K 16 BIT MOS MEMORY

ASSY NO. D-UA-M8044-0-0

SHEET 9 OF 16

SIZE B

CODE PL

NUMBER M8044-0-0

REV. D

INSERTION PARTS LIST DATA BASE REV -

NOTES:
 M8044-CA* IS A PRIMARY VARIATION OF THE 16K X 16 BIT SYSTEM. (NOT A MODULE TYPE) M8044-CB, CC, CD, CE, CF ARE MODULE TYPES, USING DIFFERENT 16K MOS DEVICES AND ARE IDENTICAL IN FUNCTION AND PURPOSE.

DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY	R. MANTON	CHECKED	R. Manton
DATE	12/8/77	DATE	2-21-78
ENG	R. Manton	PROD	R. Manton
DATE	2-21-78	DATE	2-21-78

M8044-CA* QUANTITY / VARIATION

NOTES:

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY / VARIATION					REF DESIGNATION
				M8044-CB	M8044-CC	M8044-CD	M8044-CE	M8044-CF	
18		13-14637-00	RES NETWORK (3-22 1/8w 5%)	4	4	4	4	4	R1, R2, R7, R8
19		13-05123-00	RES 215 1/4w 1% MF	1	1	1	1	1	R22
20		1301969-00	RES 22 1/4w 5% CC	1	1	1	1	1	R3
21		13-00365-00	RES 1K 1/4w 5% CC	2	2	2	2	2	R12, R13
22		13-02874-00	RES 147 1/4w 1% MF	1	1	1	1	1	R21
23		13-02685-00	RES 909 1/4w 1% MF	1	1	1	1	1	R17
24		13-00271-00	RES 220 1/4w 5%	2	2	2	2	2	R14, R15
25		19-11579-00	DEC I.C. 8641	6	6	6	6	6	E1, E8, E51, E57, E63, E69
26		19-11469-00	DEC I.C. 8640	2	2	2	2	2	E13, E22
27		19-11944-00	DEC I.C. 555	1	1	1	1	1	E34
28		19-12746-00	DEC I.C. 74S37	3	3	3	3	3	E6, E17, E3
29		19-10544-00	DEC I.C. 74S74	3	3	3	3	3	E15, E12, E14
30		19-13670-00	DEC I.C. 74S373	5	5	5	5	5	E40, E70, E29, E46, E35
31		19-14451-00	DEC I.C. 74IS393	1	1	1	1	1	E23
32		19-10536-00	DEC I.C. 74S10	1	1	1	1	1	E20
33		19-10537-00	DEC I.C. 74S11	1	1	1	1	1	E11
34		19-13462-00	DEC I.C. 74S240	1	1	1	1	1	E18
35		19-12649-00	DEC I.C. 74IS75	1	1	1	1	1	E16
36		19-10540-00	DEC I.C. 74S22	1	1	1	1	1	E19
37									

E.C.O. NO.		TITLE	32K 16 BIT MOS MEMORY
ASSY NO.	D-1A-M8044-0-0	SIZE	B
SHEET	10 OF 16	CODE	PL
		NUMBER	M8044-0-0
		REV.	D

DR8 125

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DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY D. MANTON	CHECKED R. MANTON	SECTION
DATE 12/8/77	DATE 2-21-78	ISSUED SECTION
ENG R. MANTON	PROD R. MANTON	
DATE 2-21-78	DATE 2-21-78	

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY / VARIATION						REF DESIGNATION
				M8044-CB	M8044-CC	M8044-CD	M8044-CE	M8044-CF		
38		19-13340-00	DEC I.C. 74S32	1	1	1	1	1		E10
39		19-12388-00	DEC I.C. 74S02	1	1	1	1	1		E7
40		19-10544-01	DEC I.C. 74S74-01	1	1	1	1	1		E21
41		19-12541-00	-5 VOLT REGULATOR	1	1	1	1	1		Q1
42		19-12807-00	DEC I.C. 74LS10	1	1	1	1	1		E28
43		19-13777-00	DEC I.C. 74LS240	2	2	2	2	2		E5, E18
44		91-07771-00	DIODE ASSEMBLY SPACER	4	4	4	4	4		(USED WITH W2, W3)
45		90-09149-00	PIN WIRE WRAP .025 SQ. X .345 LING13	13	13	13	13	13		(USE UNDER Q1)
46		90-07254-00	TRANSIPAD	1	1	1	1	1		
47		90-08337-06	HANDLE FLIP CHIP (MAGENTA)	2	2	2	2	2		
48		90-06732-00	EYELETS	4	4	4	4	4		
49		91-05740-55	WIRE 30 AWG. GRN	A/R	A/R	A/R	A/R	A/R		E4
50		16-13120-00	DELAY LINE 200NS	1	1	1	1	1		
51		10-10274-01	CAP 0.22 UF 50V +80 - 20% CER	31	31	31	31	31		C124 thru C145, C147 thru C155
52										
53										
54										
55		23-216F1-00	DEC I.C. 1KX4 TTL PROM	1	1	1	1	1		E9
56										
57										
58										

NO.	CO.	REV.	TITLE	ASSY NO.	SIZE	CODE	NUMBER	REV.
			32K 16 BIT MOS MEMORY	D-1A-M8044-0-0	B	PL	M8044-0-0	D
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NOTES:

REF DESIGNATION

DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY	D. MANION	CHECKED	R. Husas
DATE	12/8/77	DATE	2-21-78
ENG	R. Husas	PROD	R. Husas
DATE	2-21-78	DATE	2-21-78

SECTION	ISSUED SECTION
M8044-CA*	

NOTES:

REF DESIGNATION

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY / VARIATION					REF DESIGNATION
				M8044-CB	M8044-CC	M8044-CD	M8044-CE	M8044-CF	
59			16K MOS MEMORY 16 PIN IC(MOSTEK)	16	-	-	-	-	E24, E26, E30, E32, E36, E38, E41, E43, E53, E55, E59, E61, E65, E67, E71, E73,
60		21-13825-01	16K MOS MEMORY 16 PIN IC(FUJITSU)	-	16	-	-	-	E24, E26, E30, E32, E38, E41, E43, E53, E55, E59, E61, E65, E67, E71, E73, E36
61		21-14408-01	16K MOS MEMORY 16 PIN IC(FUJITSU)	-	-	-	-	-	E24, E26, E30, E32, E36, E38, E41, E43, E53, E55, E59, E61, E65, E71, E73, E36
62		5013128	ETCH BOARD	1	1	1	1	1	W2, W3
63		91-07560-01	WIRE #22 BUSS	A/R	A/R	A/R	A/R	A/R	
64		21-14895-01	16K MOS MEMORY 16 PIN I.C. (INTEL)	-	-	16	-	-	E24, E26, E30, E32, E36, E38, E41, E43, E53, E55, E59, E61, E65, E67, E71, E73
65		21-14927-01	16K MOS MEMORY 16 PIN I.C. (TI.)	-	-	-	16	-	E24, E26, E30, E32, E36, E38, E41, E43, E53, E55, E59, E61, E65, E71, E67, E73
66		21-14897-01	16 MOS MEMORY 16 PIN I.C. (HITACHI)	-	-	-	-	16	E24, E26, E30, E32, E36, E38, E41, E43, E53, E55, E59, E61, E65, E71, E67, E73

E.C.O. NO.	TITLE	ASSY NO.	SIZE	CODE	NUMBER	REV.
	32K 16 BIT MOS MEMORY	D-UA-M8044-0-0	B	PL	M8044-0-0	D
	SHEET 12 OF 16		INSERTION PARTS LIST DATA BASE REV -			

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DRB 125

DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY D. MANTON	CHECKED R. Hudson	SECTION
DATE 12/8/77	DATE 2-21-78	ISSUED SECTION
ENG R. Hudson	PROD R. Manton	DATE 2-21-78

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY / VARIATION					REF DESIGNATION
				M8044-DA*	M8044-DC	M8044-DD	M8044-DE	M8044-DF	
1	D-CS-M8044-0-1		CIRCUIT SCHEMATIC	REF REF	REF REF	REF REF	REF REF	REF	
	D-UA-M8044-0-0		UNIT ASSEMBLY	REF REF	REF REF	REF REF	REF REF	REF	
	B-DD-M8044-0-0		DWG. DIRECTORY	REF REF	REF REF	REF REF	REF REF	REF	
	D-MD-5013128-0-0		DRILL & ETCH DRAWING	REF REF	REF REF	REF REF	REF REF	REF	
2		10-10279-00	CAP 0.47 UF 25V 20% CER	1	1	1	1	1	C10
3		10-01610-00	CAP 0.01 UF 50V 20% CER	27	27	27	27	27	C7, C99, C100 thru C123, C146
4		10-02627-00	CAP 2.2 UF 20V 10% S. TANT	3	3	3	3	3	C5, C6, C9
5		10-12121-00	CAP 220 PF 100V 1% DM	2	2	2	2	2	C8, C12
6		10-05306-00	CAP 6.8 UF 35V 10% S. TANT	2	2	2	2	2	C3, C4
7		10-12219-00	CAP 47 UF 30V AL EL	2	2	2	2	2	C1, C2
8		11-05275-00	DIODE D672	2	2	2	2	2	D1, D2
9		12-11164-01	SWITCH 5 POS	1	1	1	1	1	E2
10		13-09412-00	RES 18.2K 1/4W 1% MF	1	1	1	1	1	R26
11		13-09416-00	RES 31.6K 1/4W 1% MF	1	1	1	1	1	R25
12		13-02957-00	RES 121 1/4W 1% MF	1	1	1	1	1	R16
13		13-00295-00	RES 330 1/4W 5% CC	2	2	2	2	2	R27, R21
14		13-05126-00	RES 619 1/4W 1% CC	1	1	1	1	1	R19
15		13-03110-00	RES 19.6 1/4W 1% MF	1	1	1	1	1	R18
16		13-05124-00	RES 287 1/4W 1% MF	1	1	1	1	1	R20
17		13-01874-00	RES 5.6K 1/4W 5% CC	2	2	2	2	2	R11, R24
		13-14636-00	RES NETWORK (2-5K 1/8 W 5%)	3	3	3	3	3	R4, R5, R6

NOTES:
M8044-DA* IS A PRIMARY VARIATION OF THE 32K X 16 BIT SYSTEM. (NOT A MODULE TYPE)
M8044-DB, DC, DD, DE, DF ARE MODULE TYPES, USING DIFFERENT 16K MOS DEVICES AND ARE IDENTICAL IN FUNCTION AND PURPOSE.

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SHEET 13 OF 16		INSERTION PARTS LIST DATA BASE REV —				

DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY R. MANTON	CHECKED R. Manton	SECTION
DATE 12/8/77	DATE 2-21-78	ISSUED SECTION
ENG P. Manton	PROD R. Manton	
DATE 2-21-78	DATE 2-21-78	

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	M8044-DA* QUANTITY / VARIATION						NOTES:
				M8044-DB	M8044-DC	M8044-DD	M8044-DE	M8044-DF		
18		13-14637-00	RES NETWORK (3-22 1/8 W 5%)	4	4	4	4	4		R1, R2, R7, R8
19		13-05123-00	RES 215 1/4W 1% MF	1	1	1	1	1		R22
20		13-01969-00	RES 22 1/4W 5% CC	1	1	1	1	1		R2
21		13-00365-00	RES 1K 1/4W 5% CC	2	2	2	2	2		R12, R13
22		13-02874-00	RES 147 1/4W 1% MF	1	1	1	1	1		R21
23		13-02685-00	RES 909 1/4W 1% MF	1	1	1	1	1		R17
24		13-00271-00	RES 220 1/4W 5%	2	2	2	2	2		R14, R15
25		19-11579-00	DEC I.C. 8641	6	6	6	6	6		E1, E8, E51, E57, E63, E69
26		19-11469-00	DEC I.C. 8640	2	2	2	2	2		E13, E22
27		19-11944-00	DEC I.C. 555	1	1	1	1	1		E34
28		19-12746-00	DEC I.C. 74S37	3	3	3	3	3		E6, E17, E3
29		19-10544-00	DEC I.C. 74S74	3	3	3	3	3		E15, E12, E14
30										
31		19-13670-00	DEC I.C. 74S373	5	5	5	5	5		E40, E70, E29, E46, E35
32		19-14451-00	DEC I.C. 74LS393	1	1	1	1	1		E23
33		19-10536-00	DEC I.C. 74S10	1	1	1	1	1		E20
34		19-10537-00	DEC I.C. 74S11	1	1	1	1	1		E11
35		19-13462-00	DEC I.C. 74S240	1	1	1	1	1		E10
36		19-12649-00	DEC I.C. 74LS75	1	1	1	1	1		E16
37		19-10540-00	DEC I.C. 74S22	1	1	1	1	1		E19

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DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY D. MANTON	CHECKED <i>R. Blum</i>	SECTION	
DATE 12/8/77	DATE 2-21-78	ISSUED SECTION	
ENG <i>R. Minton</i>	PROD <i>R. Minton</i>		
DATE 2-21-78	DATE 2-21-78		

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	M8044-DA* QUANTITY / VARIATION						NOTES:
				M8044-DB	M8044-DC	M8044-DD	M8044-DE	M8044-DF	REF DESIGNATION	
38		19-13340-00	DEC I.C. 74S32	1	1	1	1	1	E10	
39		19-12388-00	DEC I.C. 74S02	1	1	1	1	1	E7	
40		19-10544-01	DEC I.C. 74S74-01	1	1	1	1	1	E21	
41		19-12541-00	-5 VOLT REGULATOR	1	1	1	1	1	Q1	
42		19-12807-00	DEC I.C. 74LS10	1	1	1	1	1	E28	
43		19-13777-00	DEC I.C. 74LS240	2	2	2	2	2	E5, E18	
44		91-07771-00	DIODE ASSEMBLY SPACER	4	4	4	4	4	(USED WITH W2, W3)	
45		90-09149-00	PIN WIRE WRAP .025 SQ. X .345 LING	13	13	13	13	13	(USE UNDER Q1)	
46		90-07254-00	TRANSIPAD	1	1	1	1	1		
47		90-08337-06	HANDLE FLIP CHIP (MAGENTA)	2	2	2	2	2		
48		90-06732-00	EYELETS	4	4	4	4	4		
49		91-05740-55	WIRE 30 AWG. GRN	A/R	A/R	A/R	A/H	A/R	B4	
50		16-13120-00	DELAY LINE 200NS	1	1	1	1	1		
51		10-10274-01	CAP 0.22 UF 50V +80 - 20% CER	31	31	31	31	31	C124 thru C145, C147 thru C155	
52		23-195F1-00	DEC I.C. 1KX4 TTL PROM	1	1	1	1	1	E9	
53										
54										
55										
56										
57										
58										

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SHEET 15 OF 16		INSERTION PARTS LIST DATA BASE REV --				

DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY	D. MANTON	CHECKED	R. Yuvin
DATE	12/8/77	DATE	2-21-78
ENG	R. Yuvin	PROD	R. Mantel
DATE	2-21-78	DATE	2-21-78

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	M8044-DA*					NOTES:
				M8044-DB	M8044-DC	M8044-DD	M8044-DE	M8044-DF	
59									
60		21-13825-01	16K MOS MEMORY 16 PIN IC (MOSTEK)	32	-	-	-	-	E24, E26, E30, E32, E36, E38, E41, E43, E53, E55, E59, E61, E65, E67, E71, E73, E25, E27, E31, E33, E37, E39, E42, E44, E54, E56, E60, E62, E66, E68, E72, E74
61		21-14408-01	16K MOS MEMORY 16 PIN IC (FUJITSU)	-	32	-	-	-	E24, E26, E30, E32, E38, E41, E43, E53, E55, E59, E61, E65, E67, E71, E73, E36, E25, E27, E31, E33, E37, E39, E42, E44, E54, E56, E60, E62, E66, E68, E72, E74
62		5013128	ETCH BOARD	1	1	1	1	1	
63		91-07560-01	WIRE #22 BUSS	A/R	A/R	A/R	A/R	A/R	W2, W3
64		21-14895-01	16K MOS MEMORY 16 PIN I.C. (INTEL)	-	-	32	-	-	E24, E26, E30, E32, E36, E38, E41, E43, E53, E55, E59, E61, E65, E67, E71, E73, E25, E27, E31, E33, E37, E39, E42, E44, E54, E56, E60, E62, E66, E68, E72, E74
65		21-14927-01	16K MOS MEMORY 16 PIN (TI)	-	-	-	32	-	E24, E26, E30, E32, E36, E38, E41, E43, E53, E55, E59, E61, E65, E67, E71, E73, E25, E27, E31, E33, E37, E39, E42, E44, E54, E56, E60, E62, E66, E68, E72, E74
66		21-14897-01	16K MOS MEMORY 16 PIN (HITACHI)	-	-	-	-	32	E24, E26, E30, E32, E36, E38, E41, E43, E53, E55, E59, E61, E65, E67, E71, E73, E25, E27, E31, E33, E37, E39, E42, E44, E54, E56, E60, E62, E66, E68, E72, E74, E33

E.C.O. NO.		TITLE	32K 16 BIT MOS MEMORY
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DRB 128		SHEET	16 OF 16
		SIZE	B
		CODE	PL
		NUMBER	M8044-0-0
		REV.	D

M/L