

FIELD MAINTENANCE PRINT SET

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B-TC-MSV11-B-1
D-CS-M7944-Ø-1
A-PL-MSV11-B-2

MSV11-B

Digital Equipment Corporation

digital

[illegible]

11/03

1/15/76

1/16/76

376-76

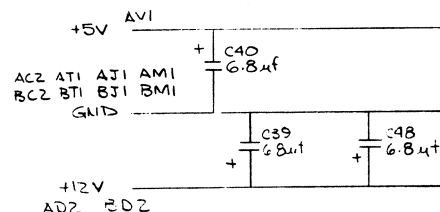
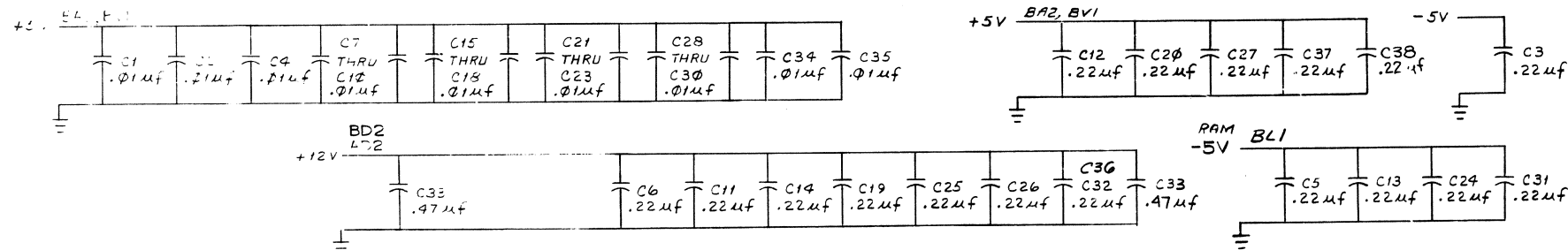
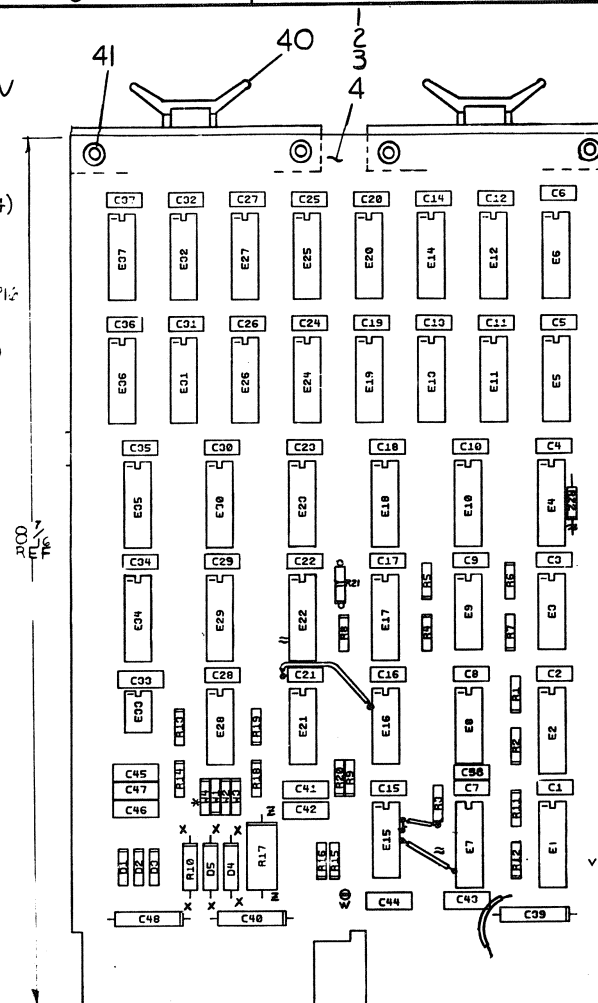
3/14/79

SHEET I OF 1

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NOTES:

- * W4 IS A CUSTOMER OPTION NOT TO BE INSERTED
- WIRES ADDED: +5 RUN TO AK1, E15 P12 TO E15 P13, E15 P11 TO E7 P7, E15 P15 TO R3, E16 P2 TO FEED THRU (W4) FA2 TO +5V FEED THRU, BVI TO +5V
- PHONES CUT: E7 P7, W4 TO E17 P12
- PART NO 1911117 (8838) MAY BE SUBSTITUTED FOR PART NO 1911579 (8641)



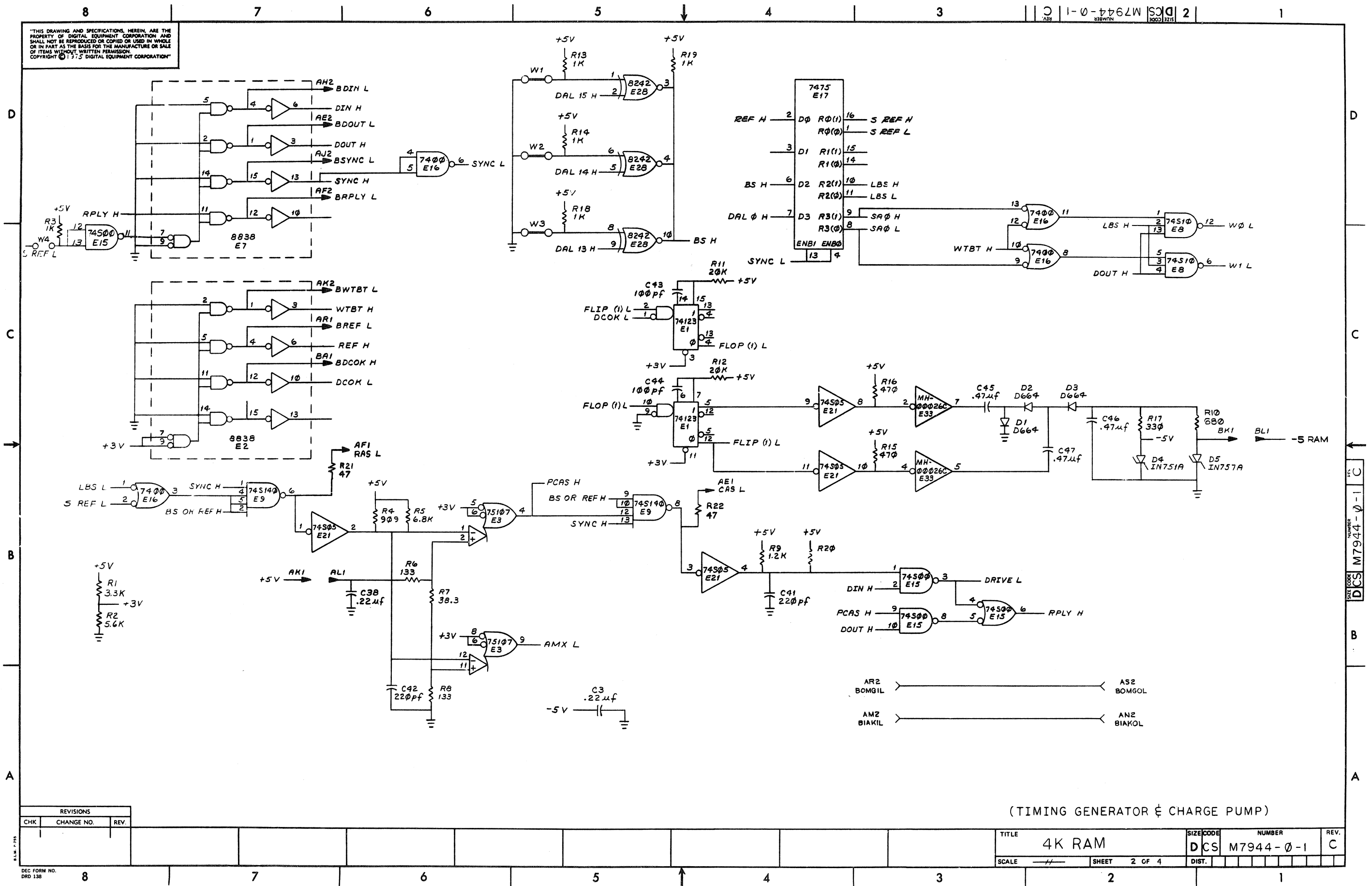
IC TYPE	GND	+5V	+12V	-5V	-5V RAM
4K RAM	16	3	5		1
2. 11H12200	3		6		
2. 11H12107	7	14	13		
2. 11H12123	5	10			
2. 11H12139	3	16			
2. 11H12157	6	6			
2. 11H12171	2	3			
IC PIN LOCATIONS					

DEC FORM NO. DRD 135.8

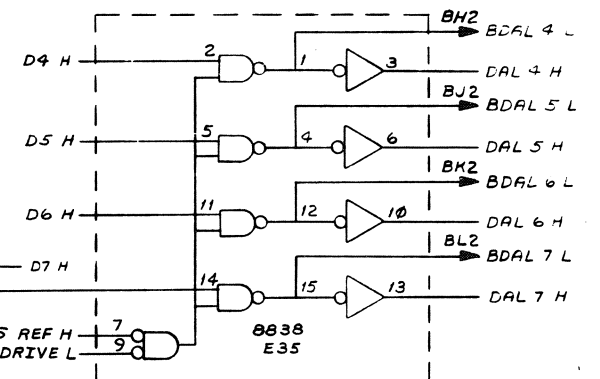
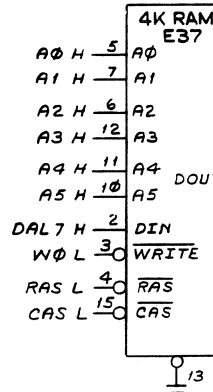
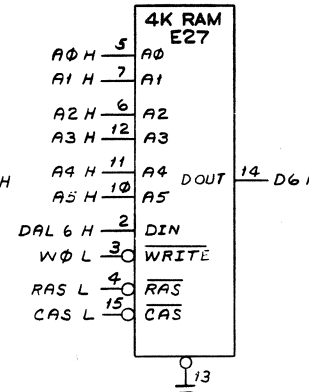
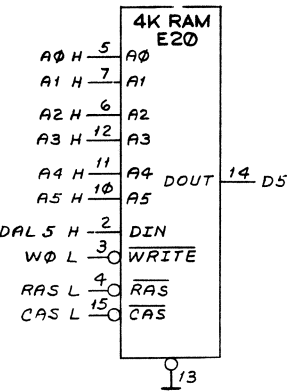
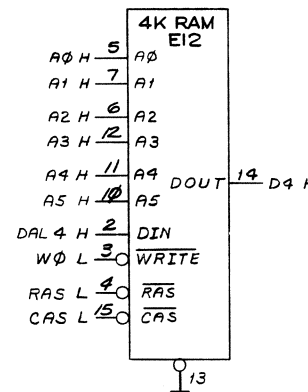
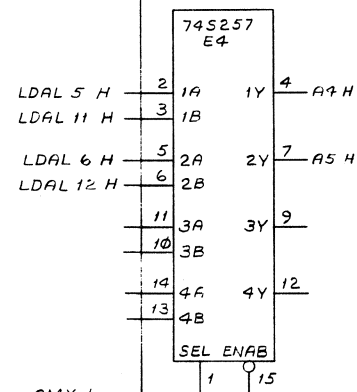
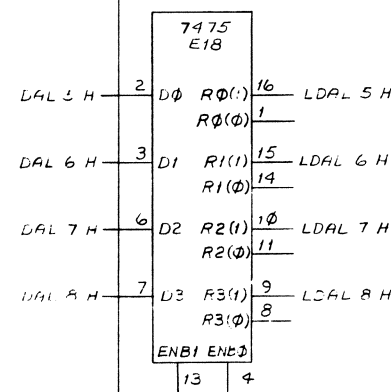
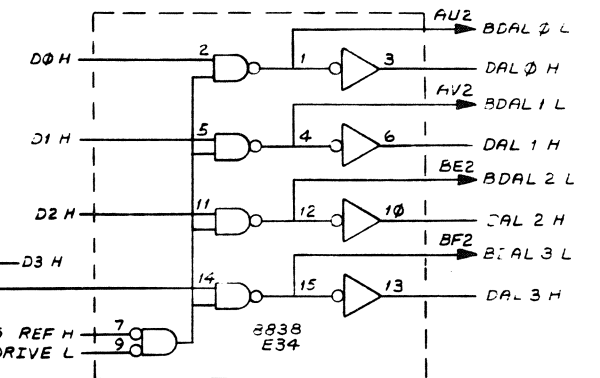
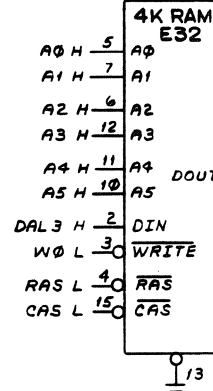
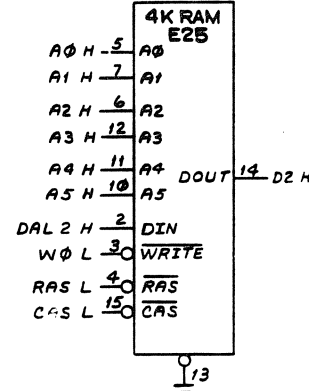
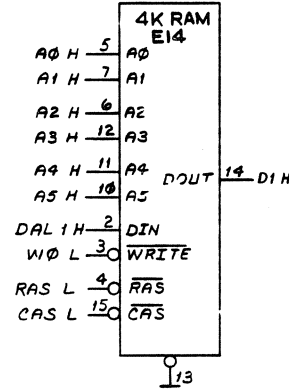
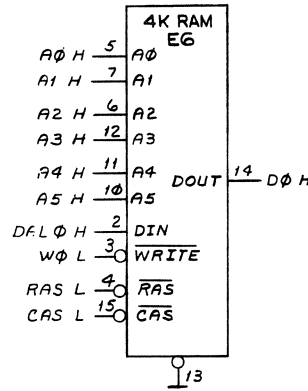
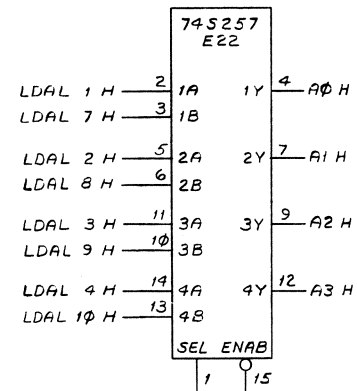
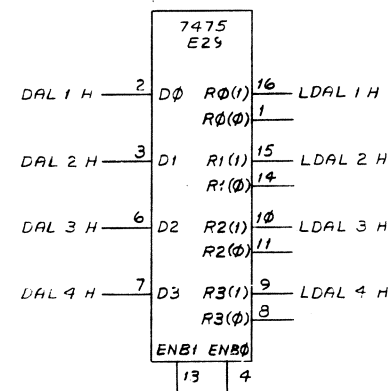
REF	DESCRIPTION	QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
19	C1, C2, C4, C7, C8, C9, C10, C15, C16, C17, C18, C21, C22, C23, C28, C29, C30, C34, C35			CAPACITOR, .01uf, 100V	1001610-01	5
3	C39, C40, C48			CAPACITOR, 6.8uf, 35V, 10%	1005306	6
4	C46, C47, C45, C33			CAPACITOR, .47uf, 25V, 20%	1010279	7
2	C41, C42			CAPACITOR, 220pf, 100V, 1%	1012121	8
2	C43, C44			CAPACITOR, 100pf, 100V, 5%	1000016	9
18	C3, C5, C6, C11, C12, C13, C14, C19, C20, C24, C25, C26, C27, C31, C32, C38, C36, C37			CAPACITOR, .22uf, 50V	1010274	10
2	D4, D5			DIODE, IN751A	1110994	11
4	D1, D2, D3			DIODE, D664	1100114	13
3	R11, R12			RESISTOR, 20K, 1/4W, 5%	1302391	14
1	R5			RESISTOR, 6.8K, 1/4W, 5%	1301423	15
1	R2			RESISTOR, 5.6K, 1/4W, 5%	1301874	16
1	R1			RESISTOR, 3.3K, 1/4W, 5%	1300439	17
1	R9			RESISTOR, 1.2K, 1/4W, 1%	1302871	18
5	R3, R13, R14, R18, R19			RESISTOR, 1K, 1/4W, 5%	1300365	19
1	R4			RESISTOR, 909, 1/8W, 1%	1302685	20
2	R15, R16			RESISTOR, 470, 1/4W, 5%	1300316	21
1	R17			RESISTOR, 330, 1W, 5%	1300297	22
1	R10			RESISTOR, 680, 1/2W, 5%	1300347	23
2	R6, R8			RESISTOR, 133, 1/8W, 1%	1303038	24
1	R7			RESISTOR, 38.3, 1/4W, 1%	1305121	25
1	R20			RESISTOR, 5.11K, 1/4W, 1%	1304854	26
6	E2, E7, E23, E34, E35, E30			I.C. DEC 8641	1911579	27
2	E4, E22			I.C. DEC 74S257	1911641	28
1	E9			I.C. DEC 74S140	1910546	29
1	E8			I.C. DEC 74S10	1910536	30
1	E21			I.C. DEC 74S05	1910535	31
1	E15			I.C. DEC 74S00	1910532	32
1	E3			I.C. DEC 75107	1910268	33
4	E10, E17, E18, E29			I.C. DEC 7475	1909050	34
1	E16			I.C. DEC 7400	1905575	35
1	E28			I.C. DEC 8242	1909712	36
1	E33			I.C. MM00026C	1912098	37
1	E1			I.C. DEC 74123	1910436	38
16	E5, E6, E11, E12, E13, E14, E19, E20, E24, E25, E26, E27, E31, E32, E36, E37			I.C. 4K RAM	2112726-00	39
2				HANDLE, FLIP CHIP (MAGENTA)	9008337-06	40
4				EYELET, GS4-7	9006732	41
3	W1, W2, W3			JUMPER, INSULATED	9009185	42
2	R21, R22			RESISTOR 47, 1/4W, 5%	1302202	43
1				SPLIT LUG	9006735	44
A/R				WIRE #30 AWG BUSS (RETROFIT)	9105740-55	45
A/R				WIRE #24 AWG BUSS (RETROFIT)	9107283-55	46

FIRST USED ON OPTION MODEL		LSI11	
ETCH BOARD REV. B		PARTS LIST	
DRN. 4-7-75	DATE	digital	
CHKD. 4-7-75	DATE	TITLE	
ENG. W.B. O'Brien	DATE 6/12/75	4K RAM	
PROJ. ENG. W.B. O'Brien	DATE 6/13/75	SIZE CODE NUMBER	
PRD. 6/13/75	DATE	D 03 M7944 0-1	
NEXT HIGHER ASSY		REV. 1	
SCALE 1 OF 1		DIST.	
SEMICONDUCTOR CONVERSION CHART			
DEC NO.	EIA NO.	DEC NO.	EIA NO.

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JUMPER ADDRESS SELECTION				
W1	W2	W3	4K RANGE	ADDRESS RANGE
IN	IN	IN	0-4K	000000 - 017776
IN	IN	OUT	4-8K	020000 - 037776
IN	OUT	IN	8-12K	040000 - 057776
IN	OUT	OUT	12-16K	060000 - 077776
OUT	IN	IN	16-20K	100000 - 117776
OUT	IN	OUT	20-24K	120000 - 137776
OUT	OUT	IN	24-28K	140000 - 157776
OUT	OUT	OUT	28-32K	160000 - 177776

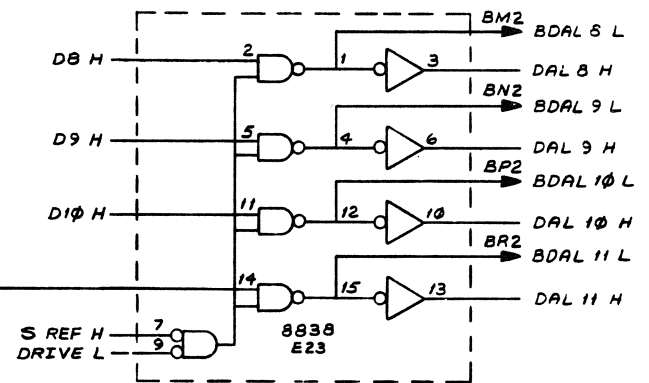
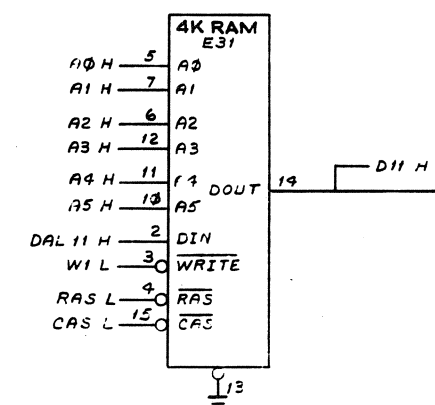
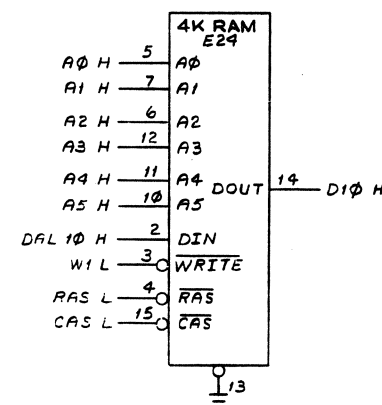
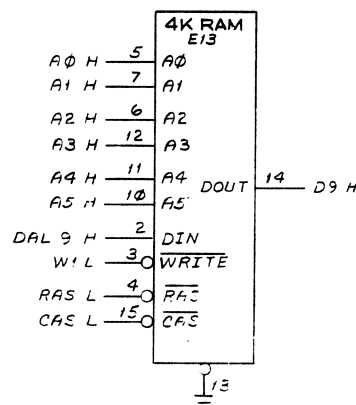
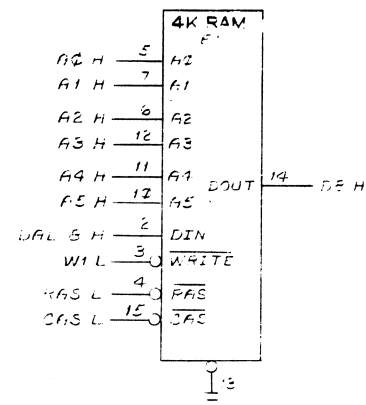
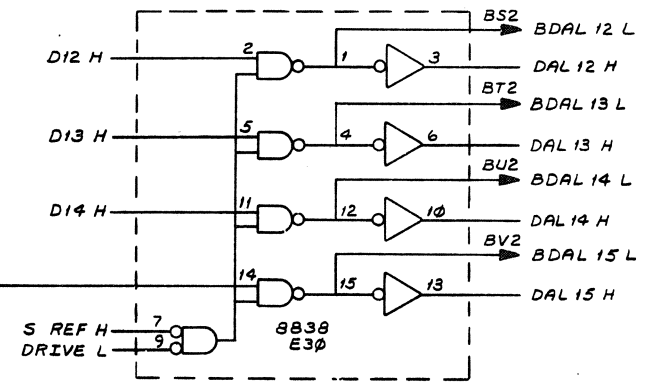
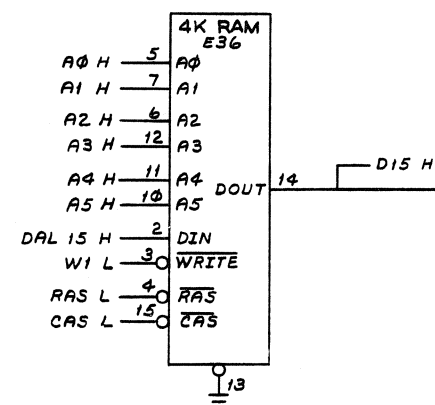
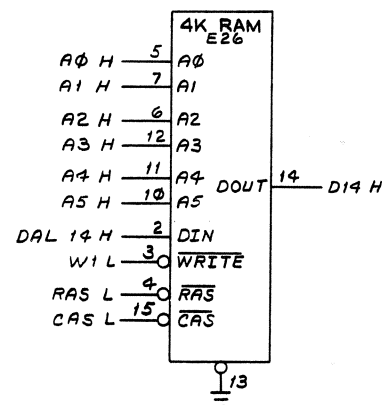
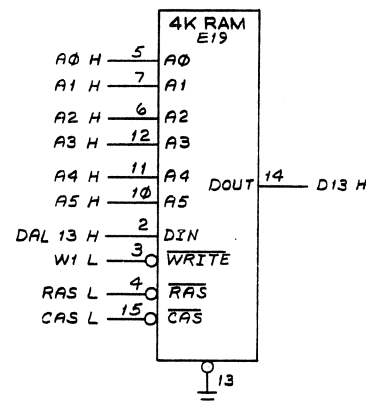
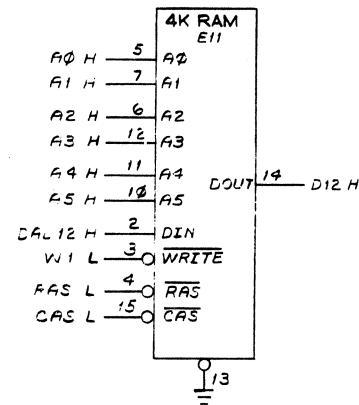
(RAM & DRIVER)

REVISIONS		
CHK	CHANGE NO	REV

TITLE 4K RAM.		SIZE CODE D CS		NUMBER M7944-0-1			REV. C	
SCALE //	SHEET 3 OF 4	DIST.						

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17944-0-1 DCS 2



(RAM & DRIVER)

REVISIONS		
CHK	CHANGE NO	REV

TITLE	4K RAM	SIZE CODE	DCS	NUMBER	M7944-0-1	REV.	C
SCALE		SHEET	4 OF 4	DIST.			

