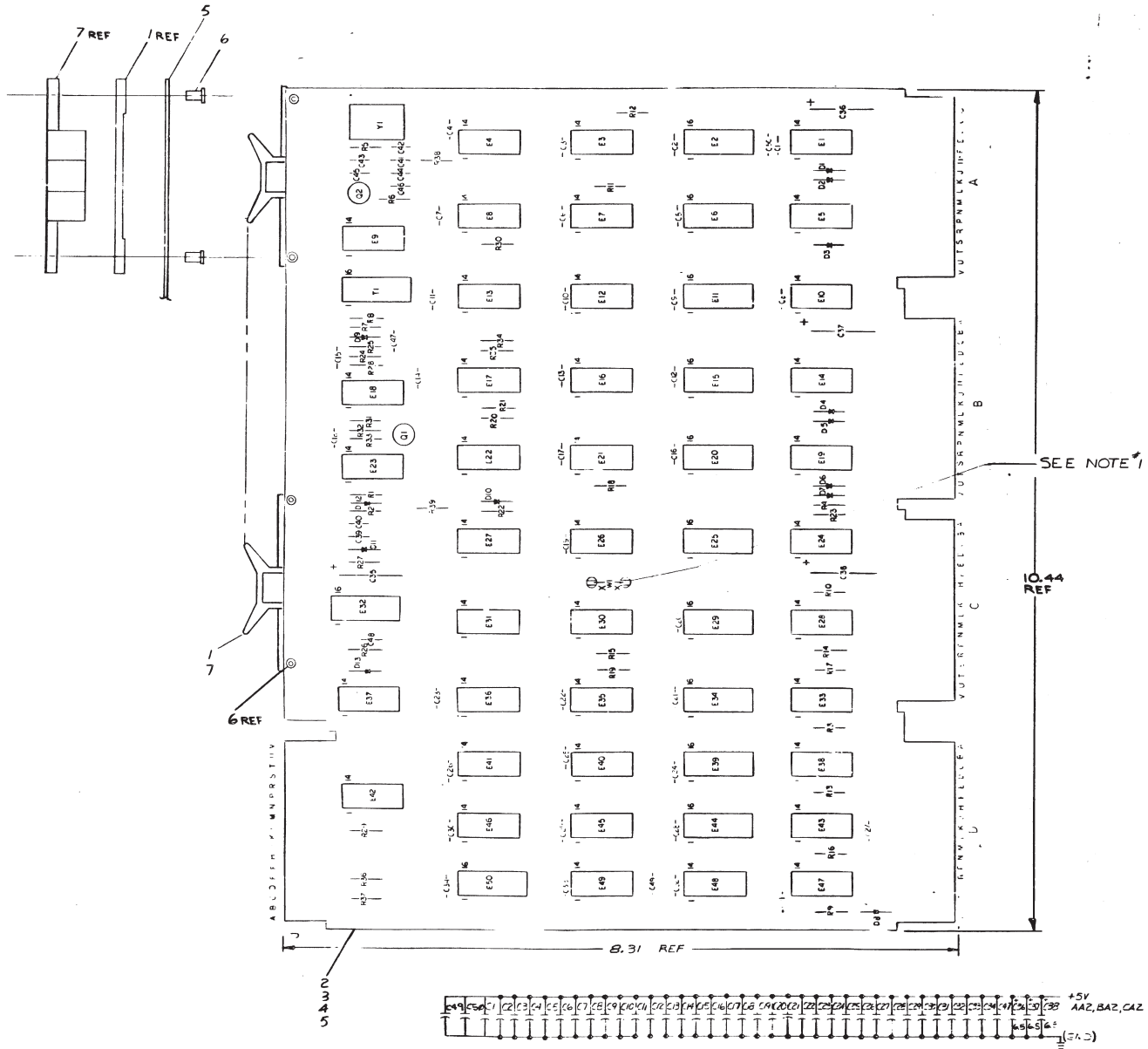
NOTES:

1. W1 (JUMPER) TO BE INSERTED BY CUSTOMER ONLY.



QTY.	REF DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
2	R38, R39	RES 1K 1/4W, 5%	1300367	48
2		SPLIT LUG	1006735	47
1	R6	RES. 220 1/4W 5%	1300271	46
1	E27	I.C. DEC 5384	1910394	45
1	E13	I.C. DEC 5380	1910392	44
1	E4	I.C. DEC 5314	1910391	43
1	E50	I.C. DEC 8251	1909594	42
1	E17	I.C. DEC 8881	1909795	41
1	E8	I.C. DEC 74H11	1909267	40
2	E36, 41	I.C. DEC 97401	1909973	39
10	E2, 6, 11, 15, 20, 25, 29, 39, 44	I.C. DEC 74174	1910623	38
1	E32	I.C. DEC 74123	1910436	37
8	E9, 21, 26, 30, 31, 40, 45, 49	I.C. DEC 74H14	1909667	36
12	E13, 12, 10, 18, 19, 24, 34, 33, 43	I.C. DEC 74H10	1905586	35
2	E12, E46	I.C. DEC 7-30	1905575	34
1	E46	I.C. DEC 7420	1905577	33
2	E37, E35	I.C. DEC 7417	1909929	32
1	E48	I.C. DEC 7410	1905576	31
2	E18, E42	I.C. DEC 7404	1909586	30
1	E22	I.C. DEC 7402	1909924	29
2	E23, E47	I.C. DEC 7400	1905575	28
1	Y1	CRYSTAL 20 MC	1809880	27
1	T1	TRANSFORMER	1809595	26
2	Q1, Q2	TRANSISTOR DEC 32298	1503100	25
1	R27	RES 47K 1/4W 5%	1302179	24
2	R5, R26	RES 10K 1/4W 5%	1300479	23
1	R1	RES 3.3K 1/4W 5%	1300439	22
17	R1, R7, R8, R12, R22, R25, R29, R35, R32, R34, R36, R37	RES 470 1/4W 10%	1300317	21
13	R3, R9, R13, R14, R17, R23, R24, R30, R33, R38, R39	RES 150 1/4W 10%	1300252	20
2	R31, R33	RES 27 1/4W 10%	1300220	19
12	D1-D8, D10-D13	DIODE 1N664	1100114	18
1	D9	DIODE 1N662	1100113	17
1	C35	CAP 39 MF, 10V, 20% S. TANT	1000076	16
3	C36-C38	CAP 6.8 MF, 35V 10% S. TANT	1000126	15
1	C42	CAP .01 MF, 100V 5% CM	1000036	14
4	C39-C41, C46	CAP .047 MF, 16V, +15-20%	1000098	13
1	C43	CAP 33 PF, 100V, 5% CM	1000009	12
37	C1-C34, C37, C47, C49, C50	CAP .01 MF, 100V, 20% DISC	1001610	11
1	C48	CAP 1000 PF, 100V 5% MICA	1000042	10
1	C45	CAP 100 PF, 100V 5% CM	1000016	9
1	C44	CAP 68 PF, 100V 5% CM	1000014	8
8		MARGLE FLIP-CHIP MAGENTA	9008337-06	7
6		EYELET 559-11 STIMPSON	9006750	6
1		ETCHED CIRCUIT BOARD	5009707	5
REF		MODULE ECO HISTORY	DWG M8238-2-6	4
REF		RESIDUALLY HOLE LAYOUT	DWG M8238-2-5	3
REF		KEY COORDINATE HOLE LOCATIONS	DWG M8238-2-4	2
2		SPACER CABLE CLAMP	1202704	1

ETCH BOARD REV D

FIRST USED ON ORIGINAL E.C. MR8-F

PARTS LIST

IC TYPE	GND	+5V			W1	
DEC 74174	8	16				
DEC 8251	2	16				
DEC 5314	1	8				
DEC 5380	1	8				
DEC 5384	1	8				

GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE

IC PIN LOCATIONS

ITEM NO	AWG	FROM PT	TO PT

JUMPER LIST

SEE NOTE 1

DEC NO.	EIA NO.
DSC 32298	2N3646
D664	1N3600
D662	1N645

SEMICONDUCTOR CONVERSION CHART

ORIGINATED E.C. NO. U5330-00004

DRAWN

CHK'D

APP'D

DATE

DIGITAL EQUIPMENT CORPORATION

TITLE

TIMING GENERATOR

SIZE CODE

NUMBER M8330-0-1

REV. E

SCALE

SHEET 1 OF 2

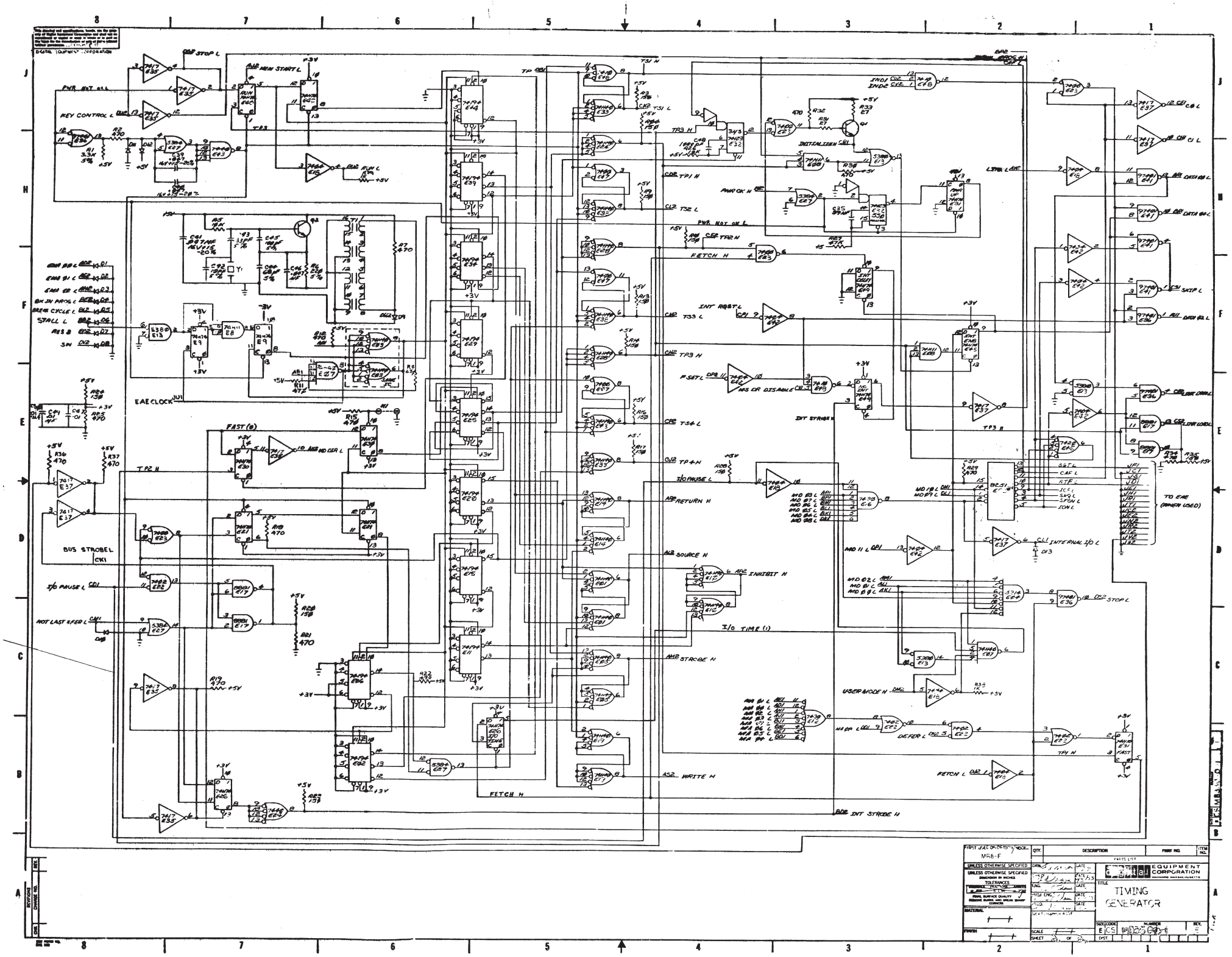
DIST.

M.R.R.S. - 0 - 1

REV. LTR. E

NEXT ASSY

USED ON


DIGITAL EQUIPMENT CORPORATION
KEY CONTROL L
PWR NOT OK L
RUN L
EAE CLOCK
FAST (0)
BUS STROBE L
CK1
I/O PAUSE L
NOT LAST KFED L
FETCH H
INT STROBE H
TO EAE (WHEN USED)
USER MODE H
DEFER L
FETCH L
INTERNAL I/O L
STOP L
I/O TIME (1)
INHIBIT H
SOURCE H
RETURN H
STROBE H
WRITE H
INITIALIZER
INT RQST L
MS OR DISABLE
MRB-F
TIMING GENERATOR
EQUIPMENT CORPORATION