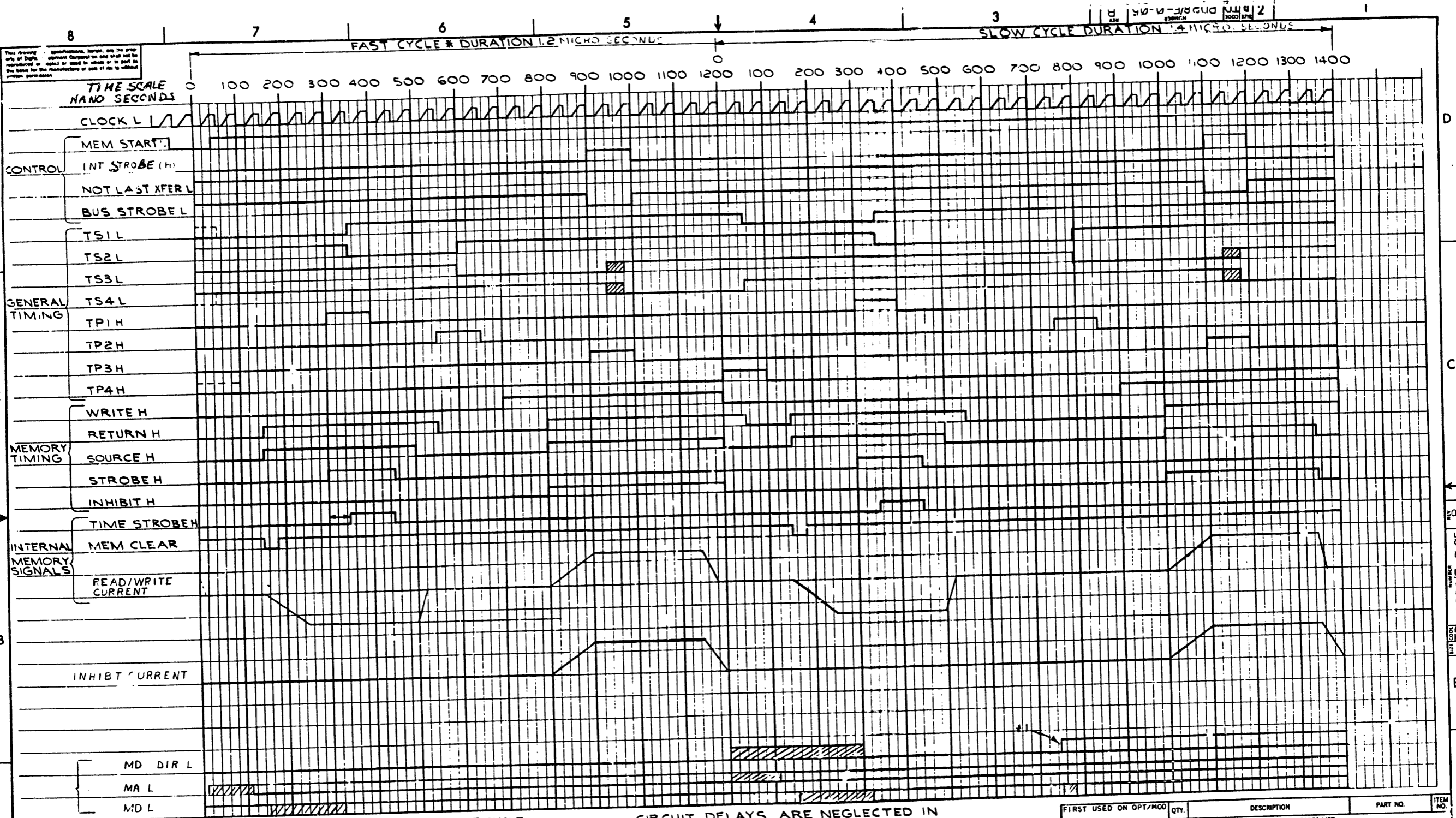


NOTES:
 * USER MODE IS USED BY THE TIME SHARING OPTION ONLY; TO INHIBIT HALT, OSR, LAS, & PAUSE

REV	DATE	BY
1	11-27-71	...
2	12-17-71	...

QTY.	DESCRIPTION	PART NO.	ITEM NO.
	PDP8/E		
	PARTS LIST		
	EQUIPMENT CORPORATION		
	PROCESSOR FLOW CHART		
	A-M-L-PDP8E-0		
	EFD PDP8E-0-06		

A-M-L-PDP8E-0-06

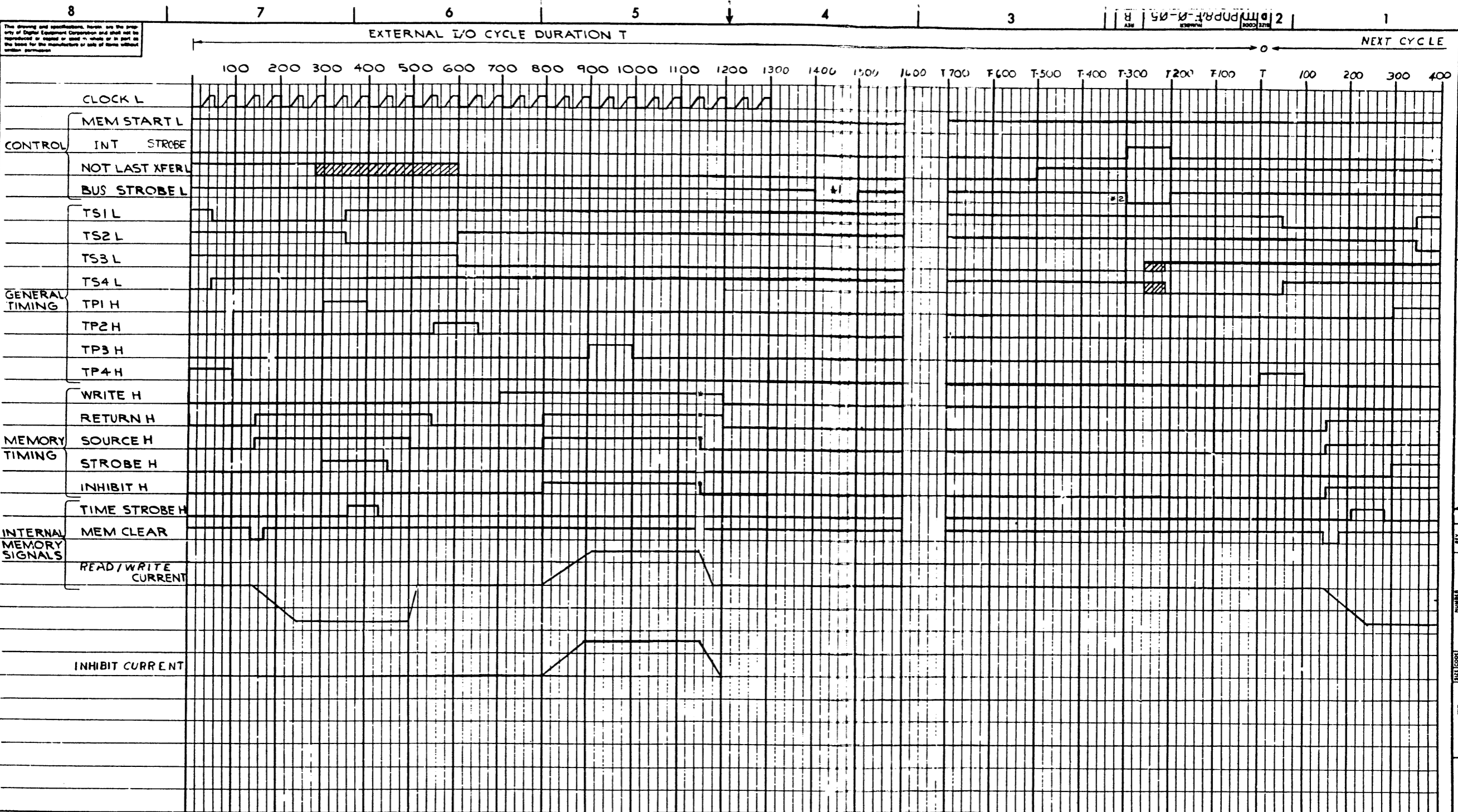


*THIS PLOT SHOWS AN INITIAL FAST CYCLE
 THE DOTTED LINES INDICATE A REGULAR CYCLE
 *1: MD DIR GOES LOW ONLY IF F+ [D-AUTO INDEX]

CIRCUIT DELAYS ARE NEGLECTED IN
 THIS TIMING DIAGRAM

REV.	CHANGE NO.	DATE	BY
1	A	11-19-71	L. KLOTZ
2	B	11-19-71	R. G. ...

FIRST USED ON OPT/MOD PDP8/E	QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS FRACTIONS ANGLES ± .008 ± 1/64 ± 0°30'				
MATERIAL + + +				
FINISH + + +				
NEXT HIGHER ASSY A-ML-PDP8/E-0		TITLE TIMING (PDP8/E)		
SCALE NONE		SIZE CODE DITD PDP8/E-0-05		
1 OF 2		REV. 1		



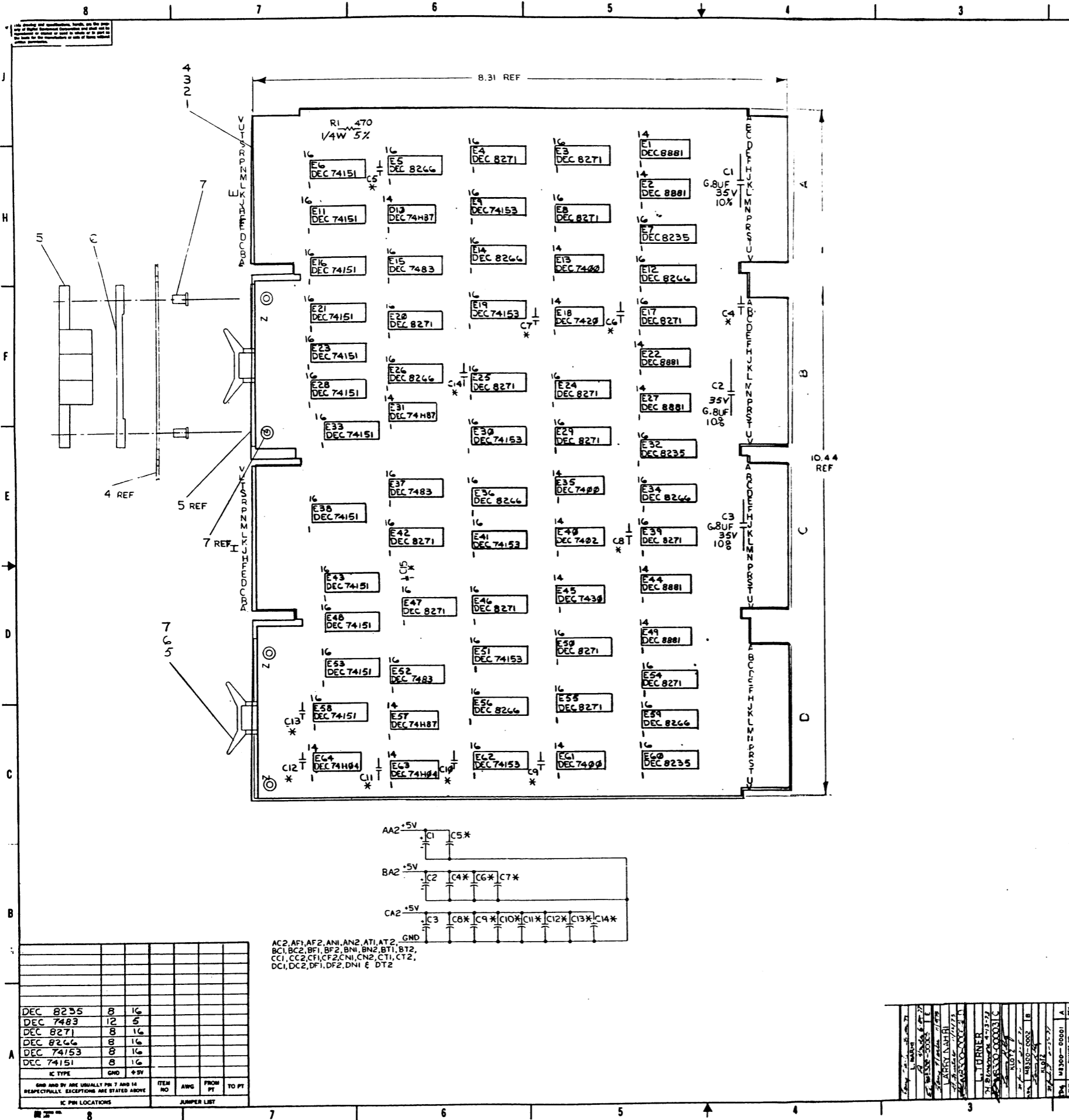
NOTE: * MEMORY SIGNALS TIME OUT, AS IN A FAST CYCLE
 * 1 GENERATED BY PERIPHERAL TO STROBE DATA
 * 2 GENERATED BY PERIPHERAL TO TERMINATE EXT. I/O CYCLE AND RESUME NORMAL OPERATION.

REV	
CHG	
CHK	

FIRST USED ON OPT/MOD PDP8/E	QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED				
UNLESS OTHERWISE SPECIFIED	DATE	DATE		
DIMENSION IN INCHES	1/16	1/16		
TOLERANCES	DATE	DATE		
DECIMALS FRACTIONS ANGLES	1/32	1/32		
± .005 ± .156 ± .075	DATE	DATE		
FINAL SURFACE QUALITY	1/2	1/2		
REMOVE BURRS AND BREAK SHARP CORNERS	DATE	DATE		
MATERIAL	DATE	DATE		
FINISH	DATE	DATE		
NEXT HIGHER ASSY				
A-ML-PDP8/E-0				
SCALE NONE				
SHEET 2 OF 2				
DICT.				

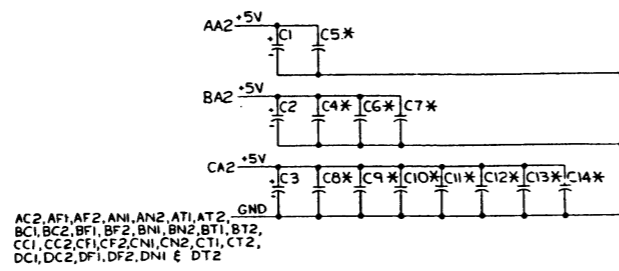
EQUIPMENT CORPORATION
 MATHEWASH, MASSACHUSETTS
 TITLE: TIMING (PDP8/E)
 NUMBER: DTD PDP8/E-0-05
 REV. 5

DEC FORM NO. 102A



NOTES:
 * THESE COMPONENTS MUST BE ON MB300
 IF KLB-A (MB319) IS USED ON SYSTEM.

QTY	REF DESIGNATION	DESCRIPTION	PART NO.	REV
1	C15	CAP 100PF D.M.	1000016	25
6	E9, E19, E30, E41, E51, E62	I.C. DEC 74153	1909937	23
12	E6, E11, E16, E21, E23, E28, E33, E38, E43, E48, E53, E58	I.C. DEC 74151	1909936	22
3	E7, E32, E60	I.C. DEC 8235	1909935	21
8	E5, E12, E14, E26, E34, E36, E56, E59	I.C. DEC 8266	1909934	20
3	E15, E37, E52	I.C. DEC 7483	1909932	19
2	E63, E64	I.C. DEC 74404	1909931	18
3	E10, E31, E57	I.C. DEC 74H87	1909927	17
6	E12, E22, E27, E44, E49	I.C. DEC 8881	1909705	16
15	E24, E25, E29, E35, E40, E42, E43, E47, E49, E50, E54, E55	I.C. DEC 8271	1909615	15
1	E40	I.C. DEC 7402	1909004	14
1	E45	I.C. DEC 7430	1908578	13
1	E18	I.C. DEC 7400	1908577	12
3	E13, E35, E61	I.C. DEC 8266	1908575	11
11	C4 - C14	RESISTOR 470 1/4W 5%	100274-00	9
3	C1, C2, C3	CAP 22UF 50V CER	100067-00	8
4		SPACER (CABLE CLAMP)	1202704	7
2		EYELETS G54-11 STIMP	90067-00	6
1		HANDLE FLIP CHIP MAGENTA	1008357-00	5
1		ETCHED CIRCUIT BOARD	1500485-00	4
REF		MODULE HISTORY LIST	8444800-00	3
REF		ASSY/DRILLING HOLE LAYOUT	8444800-00	2
REF		XY COORDINATE HOLE LOC	8444800-00	1



AC2, AF1, AF2, AN1, AN2, AT1, AT2,
 BC1, BC2, BF1, BF2, BN1, BN2, BT1, BT2,
 CC1, CC2, CF1, CF2, CN1, CN2, CT1, CT2,
 DC1, DC2, DF1, DF2, DN1 & DT2

IC TYPE	QTY	REF	PKG
DEC 8235	3	E7, E32, E60	16
DEC 7483	3	E15, E37, E52	16
DEC 8271	15	E24, E25, E29, E35, E40, E42, E43, E47, E49, E50, E54, E55	16
DEC 8266	8	E5, E12, E14, E26, E34, E36, E56, E59	16
DEC 74153	6	E9, E19, E30, E41, E51, E62	16
DEC 74151	12	E6, E11, E16, E21, E23, E28, E33, E38, E43, E48, E53, E58	16

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

REV	DATE	BY	CHKD	APP'D
1	11/14/71	W. J. TURNER		
2	11/14/71	W. J. TURNER		
3	11/14/71	W. J. TURNER		
4	11/14/71	W. J. TURNER		
5	11/14/71	W. J. TURNER		
6	11/14/71	W. J. TURNER		
7	11/14/71	W. J. TURNER		
8	11/14/71	W. J. TURNER		
9	11/14/71	W. J. TURNER		
10	11/14/71	W. J. TURNER		
11	11/14/71	W. J. TURNER		
12	11/14/71	W. J. TURNER		
13	11/14/71	W. J. TURNER		
14	11/14/71	W. J. TURNER		
15	11/14/71	W. J. TURNER		
16	11/14/71	W. J. TURNER		
17	11/14/71	W. J. TURNER		
18	11/14/71	W. J. TURNER		
19	11/14/71	W. J. TURNER		
20	11/14/71	W. J. TURNER		
21	11/14/71	W. J. TURNER		
22	11/14/71	W. J. TURNER		
23	11/14/71	W. J. TURNER		
24	11/14/71	W. J. TURNER		
25	11/14/71	W. J. TURNER		

MAJOR REGISTERS (KK8/E)

DEC NO. 0-0A-KK8-E-0

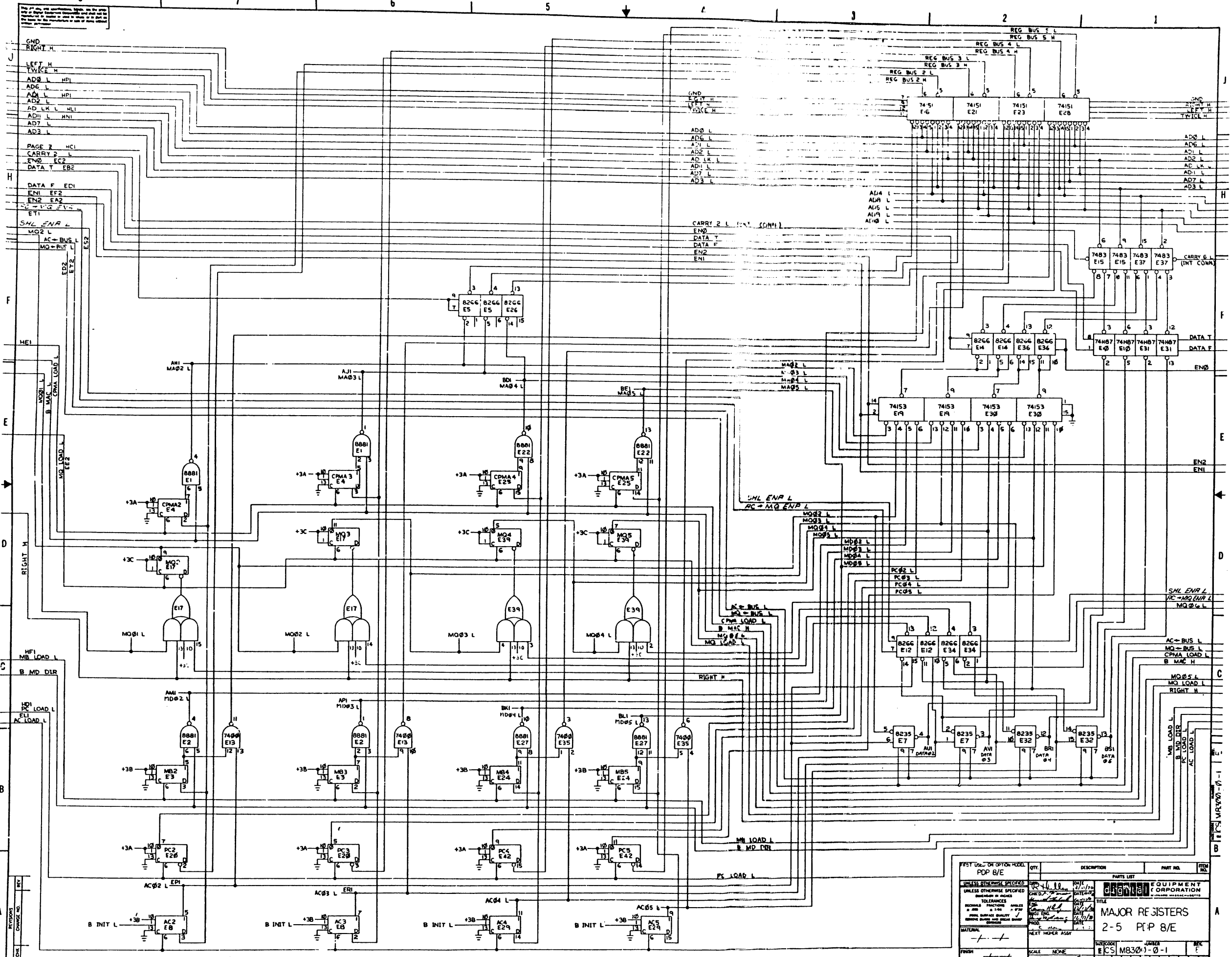
SEMICONDUCTOR CONVERSION CHART

SCALE 2/1

SHEET 1 OF 5

DATE 11/14/71

REV E



FIRST USE, ON OPTION MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED					
UNLESS OTHERWISE SPECIFIED					
DIMENSIONS IN INCHES					
TOLERANCES					
DECIMAL FRACTIONS					
ANGLES					
HOLE DIA. QUALITY					
MATERIAL					
FINISH					
DATE					
NEXT WORKER ASSY					
SCALE NONE					
SHEET 3 OF 5					
DRAWN					
CHECKED					
DATE					
JOB NO.					
PARTS LIST					
EQUIPMENT					
OPERATION					
TITLE					
MAJOR REGISTERS					
2-5 P/P 8/E					
SHEET NO.					
REV					