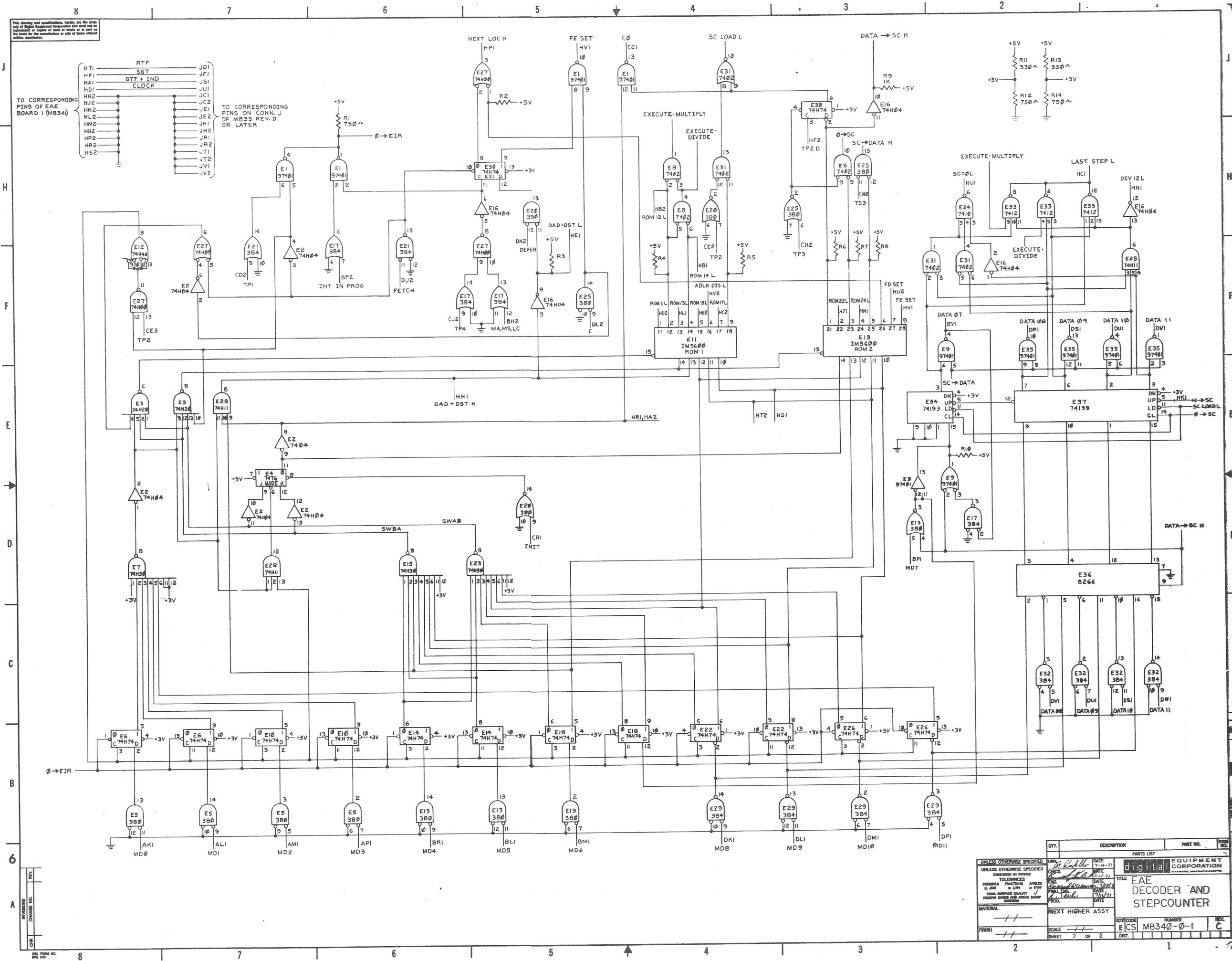
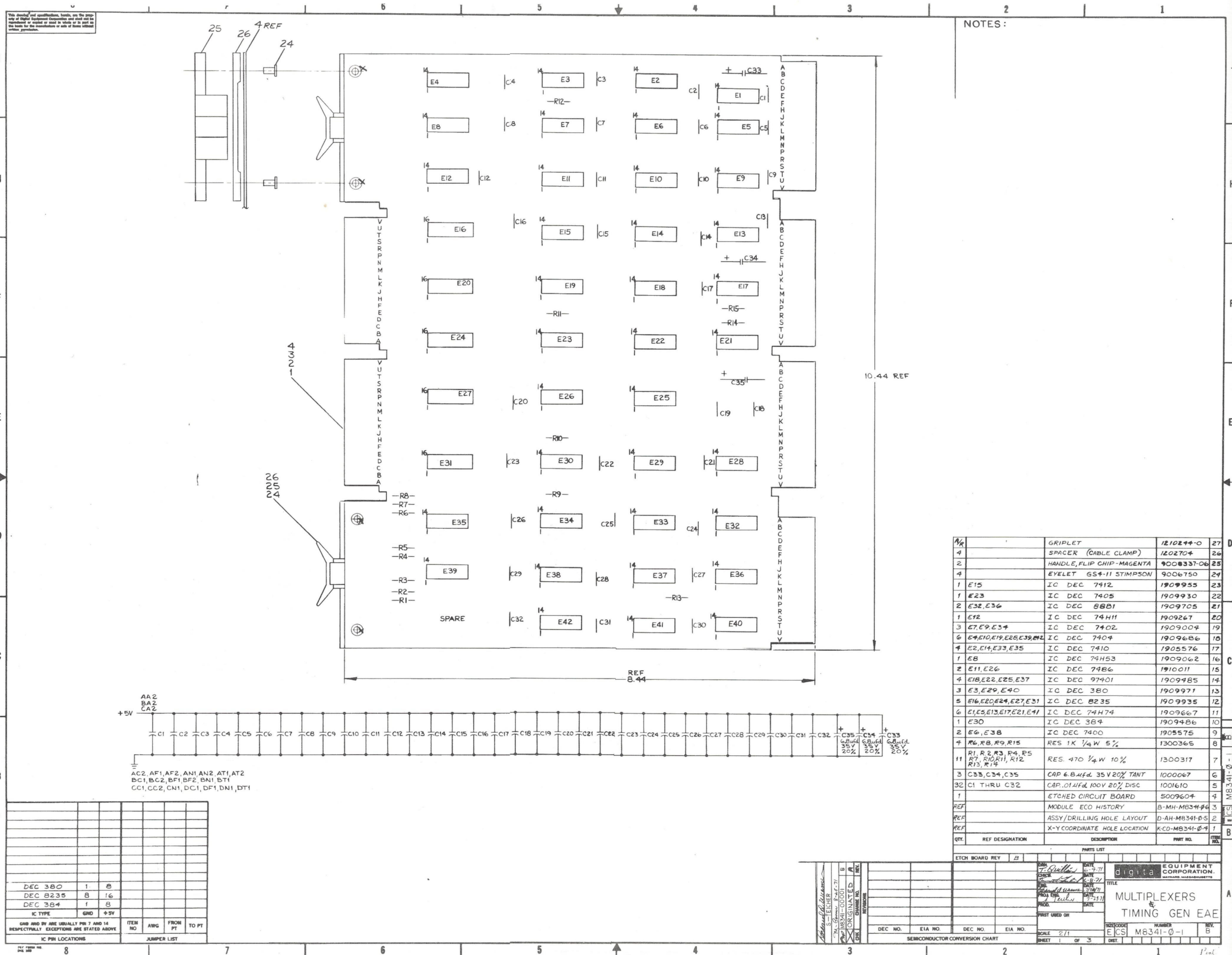
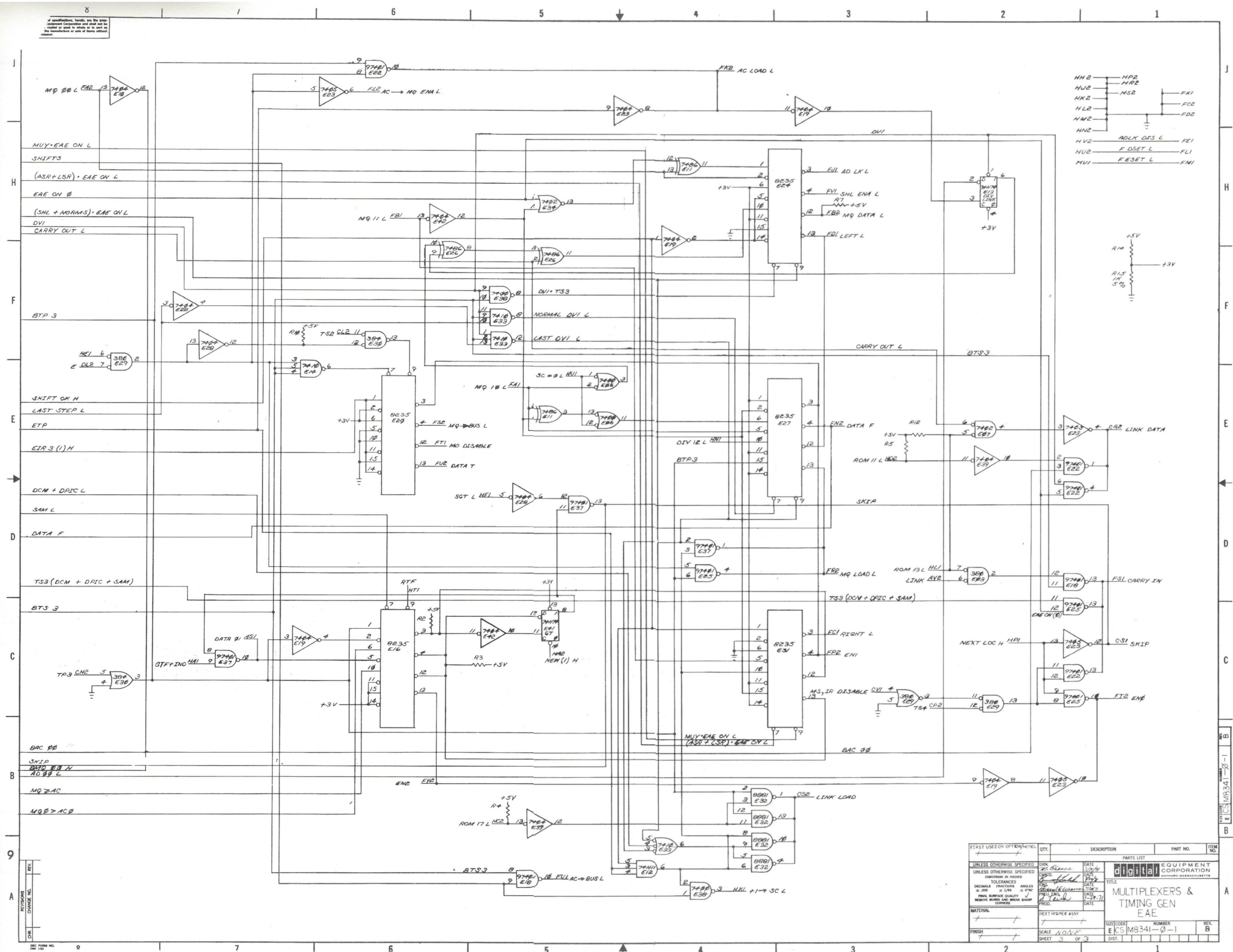








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ROM 1
ENABLE IF MAJOR STATE = F OR E
EIR 3 → A
EIR 2 → B
EIR 1 → C
EIR 0 → NEW → D
EXECUTE → E

ROM 2
ENABLE IF MAJOR STATE = F
EIR 3 → A
EIR 2 → B
EIR 1 → C
EIR 0 → D
OLD → E

00	01	02	03
04	05	06	07
10	11	12	13
14	15	16	17
20	21	22	23
24	25	26	27
30	31	32	33
34	35	36	37

FUNCTION	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	OCTAL
F • NOP	1	1	1	1	1	1	1	1	377
F • (ACS + SCL)	1	1	1	1	1	1	1	1	377
F • MUY	1	1	1	1	1	0	0	1	371
F • DVI	1	1	1	1	1	1	1	1	377
F • NMI	0	1	1	0	0	0	1	1	143
F • SHL	1	1	1	1	1	1	1	1	377
F • ASR	0	1	1	1	1	0	0	1	171
F • LSR	1	1	1	1	1	0	0	1	371
F • SCA	1	1	1	1	1	1	1	1	377
F • DAD	1	1	1	1	1	0	0	1	371
F • DST	1	1	1	1	1	1	1	1	377
NOP	1	1	1	1	1	1	1	1	377
F • DPSZ	1	1	1	1	1	1	1	1	377
F • DPIC	1	0	0	1	1	0	0	1	231
F • DCM	1	0	0	1	1	0	0	1	231
F • SAM	1	1	0	1	1	0	0	1	331
E • NOP	1	1	1	1	1	1	1	1	377
E • SCL	1	1	1	1	1	1	1	0	376
E • MUY	1	0	1	1	0	1	1	1	267
E • DVI	1	0	1	0	0	0	0	1	241
NOT USED	0	1	1	0	0	0	1	0	X
E • SHL	1	1	1	1	0	1	1	0	142
E • ASR	1	1	1	1	0	1	1	0	366
E • LSR	1	1	1	1	0	1	1	0	366
NOT USED	1	1	0	1	1	0	0	1	X
E • DAD	1	1	1	1	1	1	1	1	331
E • DST	1	1	1	1	1	1	1	1	377
NOT USED									X
NOT USED									X
NOT USED									X
NOT USED									X

0 INDICATES ACB → LINK DATA AT TS3
0 INDICATES TG SLOW → ADD (NOT MERELY SHIFT)
0 INDICATES CARRY COUPLE AT TS3 (L → CARRY IN, CARRY OUT → L DATA)
0 INDICATES LEFT SHIFT
0 INDICATES A SHIFT OPERATION
0 DISABLES CPU ADDER LINK GATING
0 INDICATES LINK LOAD AT TP3
0 INDICATES LOAD SC AT TP2

FUNCTION	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	OCTAL
NOP	1	1	1	1	1	1	1	1	377
ACS	0	1	1	1	1	1	1	1	177
NEW MUY	1	1	0	1	1	0	0	1	331
NEW DVI	1	1	0	1	1	0	0	1	331
NMI	1	1	0	1	1	1	1	1	337
SHL	1	1	1	1	1	0	1	0	372
ASR	1	1	1	1	1	0	1	0	372
LSR	1	1	1	1	1	0	1	0	372
SCA	1	1	1	1	0	1	1	1	367
DAD	1	1	1	1	0	0	0	1	371
DST	1	1	1	1	1	0	0	1	371
NOP	1	1	1	1	1	1	1	1	377
DPSZ	1	1	1	0	1	1	1	1	357
DPIC	1	0	1	1	1	1	1	1	277
DCM	1	0	1	1	1	1	1	1	277
SAM	1	0	1	1	1	1	1	1	277
NOP	1	1	1	1	1	1	1	1	377
SCL	1	1	1	1	1	0	1	0	372
OLD MUY	1	1	0	1	1	0	1	0	332
OLD DVI	1	1	0	1	1	0	1	0	332
NMI	1	1	0	1	1	1	1	1	337
SHL	1	1	1	1	1	0	1	0	372
ASR	1	1	1	1	1	0	1	0	372
LSR	1	1	1	1	1	0	1	0	372
SCA	1	1	1	1	0	1	1	1	367
SCA-SCL	1	1	1	1	0	0	1	0	362
SCA-OLD MUY	1	1	0	1	0	0	1	0	322
SCA-OLD DVI	1	1	0	1	0	0	1	0	322
SCA • NMI	1	1	0	1	0	1	1	1	327
SCA • SHL	1	1	1	1	0	1	1	0	362
SCA • ASR	1	1	1	1	0	1	1	0	362
SCA • LSR	1	1	1	1	0	1	1	0	362

0 INDICATES ACS
0 INDICATES DCM-SAM-DPIC
0 INDICATES B → SC AT F • TP3
0 INDICATES DPSZ
0 INDICATES SCA
0 INDICATES MA + 1 → MA, 1 → SKIP
0 INDICATES DSET
0 INDICATES ESET

FIRST USED ON OPTION/MODEL KE8-E	QTY.	DESCRIPTION	PART NO.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRN. CHK'D.	DATE DATE	digital EQUIP CORPORATION MAYNARD, MASS
DECIMALS .XXX = .005 .XX = .02 .X = .1	ANGLES ±0° 30'	ENG. DATE	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROJ. ENG. DATE	DATE	
MATERIAL	NEXT HIGHER ASSY.	DATE	
FINISH	SCALE NONE	SHEET 1 OF 1	DIST.
TITLE ROM ENCODING		SIZE CODE D F D K E 8 - E - 02	NUMBER

