

**KE8-E extended  
arithmetic element  
engineering drawings**



# MASTER DRAWING LIST

MAINTENANCE MANUALS			UNIT VARIATIONS	
NO.	TITLE			
KE8-E	EXT ARITH ELEM	X		

USED ON OPTIONS	
PDP8-E	
PDP8-M	
PDP8-F	

REV. A	2/72	KE8E	00001	4/72	KB8E	00002	C	4/72	00003
REVISIONS									
APP'D.	CHG. NO.	DATE		DATE	CHG. NO.			DATE	
<i>Kay</i>	00001	4/72		4/72	00002		C	4/72	00003
DRN.	DATE 7-26-71	K. GULLICK		DATE 7/27/71	K. GULLICK				
CHK'D.									
ENG. <i>Adelmann</i>	DATE 8/19/71								
PROJ. ENG. <i>Stachler</i>	DATE 8/18/71								
PROD. <i>R. Peters</i>	DATE 5/18/71								
FIRST USED ON PDP8-E									
SCALE NONE									
SIZE CODE			NUMBER		REV.				
A ML			KE8-E		C				
SHEET 1 OF 2			DIST.						

**digital** EQUIPMENT CORPORATION  
MAYNARD, MASSACHUSETTS

TITLE  
EXTENDED ARITH ELEMENT

PRINT SET			DWG. NO.	REV. NO. OF LET. SHEETS	TITLE	OPTION NO.																
X			D-UA-KE8-E-0	1	EXTENDED ARITH ELEMENT																	
X			A-PL-KE8-E-0	1	EXTENDED ARITH ELEMENT (PL)																	
X			E-CS-M8340-0-1	2	DECODER & STEP COUNTER EAE																	
X			E-CS-M8341-0-1	3	MULTIPLEXER & TIMING GEN EAE																	
X			B-UA-H851-0-0	1	H851 EDGE CONNECTOR	MM8-E																
X			D-FD-KE8-E-1	1	EAE FLOW DIAGRAM																	
X			D-FD-KE8-E-2	1	ROM ENCODING FOR EAE CONT																	
-			DEC 8E DOLA-PB		KE8/E EAE INSTRUCTION TEST 1																	
-			DEC 8E DOLA-D		KE8/E EAE INSTRUCTION TEST 1																	
-			DEC 8E DOMA-PB		KE8/E EAE INSTRUCTION TEST 2																	
-			DEC 8E DOMA-D		KE8/E EAE INSTRUCTION TEST 2																	
-			A-SP-KE8-E-3	1	ENGINEERING SPECIFICATIONS																	
X			A-SP-KE8-E-4	1	ACCEPTANCE PROCEDURE																	
-			A-SP-KE8-E-5	1	CHECKOUT PROCEDURE																	
X			A-AL-KE8-E-6	1	ACCESSORY LIST																	

TITLE EXTENDED ARITH ELEMENT			SHEET 2 OF 2	SIZE CODE A ML	NUMBER KE8-E	REV. C
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DIGITAL EQUIPMENT CORPORATION  
MAYNARD, MASSACHUSETTS

ACCESSORY LIST

MADE BY DATE	J. McCluskey 4/19/72	CHECKED DATE	<i>J. McCluskey</i> 2/9/72	SECTION
ENG DATE	L. Klotz 4/19/72	PROD DATE	<i>J. McCluskey</i> 4/19/72	ISSUED SECT.

LEGEND

D DOCUMENT  
DN DOCUMENT CHANGE NOTICE  
PA PAPER TAPE ASCII  
PB PAPER TAPE BINARY  
PM PAPER TAPE READ-IN-MODE

QUANTITY / VARIATION

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION	QUANTITY	UNIT	DESCRIPTION	QUANTITY	UNIT	DESCRIPTION	QUANTITY	UNIT	DESCRIPTION	QUANTITY	UNIT	DESCRIPTION	QUANTITY	UNIT	DESCRIPTION	QUANTITY	UNIT	DESCRIPTION	QUANTITY	UNIT	DESCRIPTION	QUANTITY	UNIT	DESCRIPTION	QUANTITY	UNIT	DESCRIPTION	QUANTITY	UNIT	DESCRIPTION	QUANTITY	UNIT	DESCRIPTION	QUANTITY	UNIT	DESCRIPTION	QUANTITY	UNIT
1	M8340	EAE Decoder and Stepcounter module	1																																					
2	M8341	EAE Multiplexer and Timing Generator Module	1																																					
3	H851	Edge Connectors	3																																					
4	LIBKIT-8E-KE8-E	Program Library Kit For KE8-E	1																																					
5	KE8-E	KE8-E Maintenance Manual	1																																					
		Note: It item 5 is temporarily waived ship the following.																																						
	A-SP-KE8-E-3	KE8-E Engineering Specifications	1																																					
	A-SP-KE8-E-4	KE8-E Acceptance Procedure	1																																					

TITLE	ASSY. NO.	SIZE CODE	NUMBER	REV.	ECO NO
Accessory List. <input checked="" type="checkbox"/>		AAL	KE8-E-6		
SHEET OF	DIST.				

**DIGITAL EQUIPMENT CORPORATION**  
MAYNARD, MASSACHUSETTS

**PARTS LIST**

MADE BY KEN GULICK	CHECKED KEN GULICK	SECTION
DATE 7/29/71	DATE 7/29/71	1
ENG <i>Richard W. Whelan</i>	PROD <i>R. Peterson</i>	ISSUED SECT.
DATE 8/18/71	DATE 9/19/71	1

QUANTITY / VARIATION

ITEM NO.	DWG NO. / PART NO.	DESCRIPTION
1	E-CS-M8340-0-1	DECODER & STEP COUNTER EAE
2	E-CS-M8341-0-1	MULTIPLEXER & TIMING GEN. EAE
3	B-UA-H851-0-0	H851 EDGE CONNECTOR

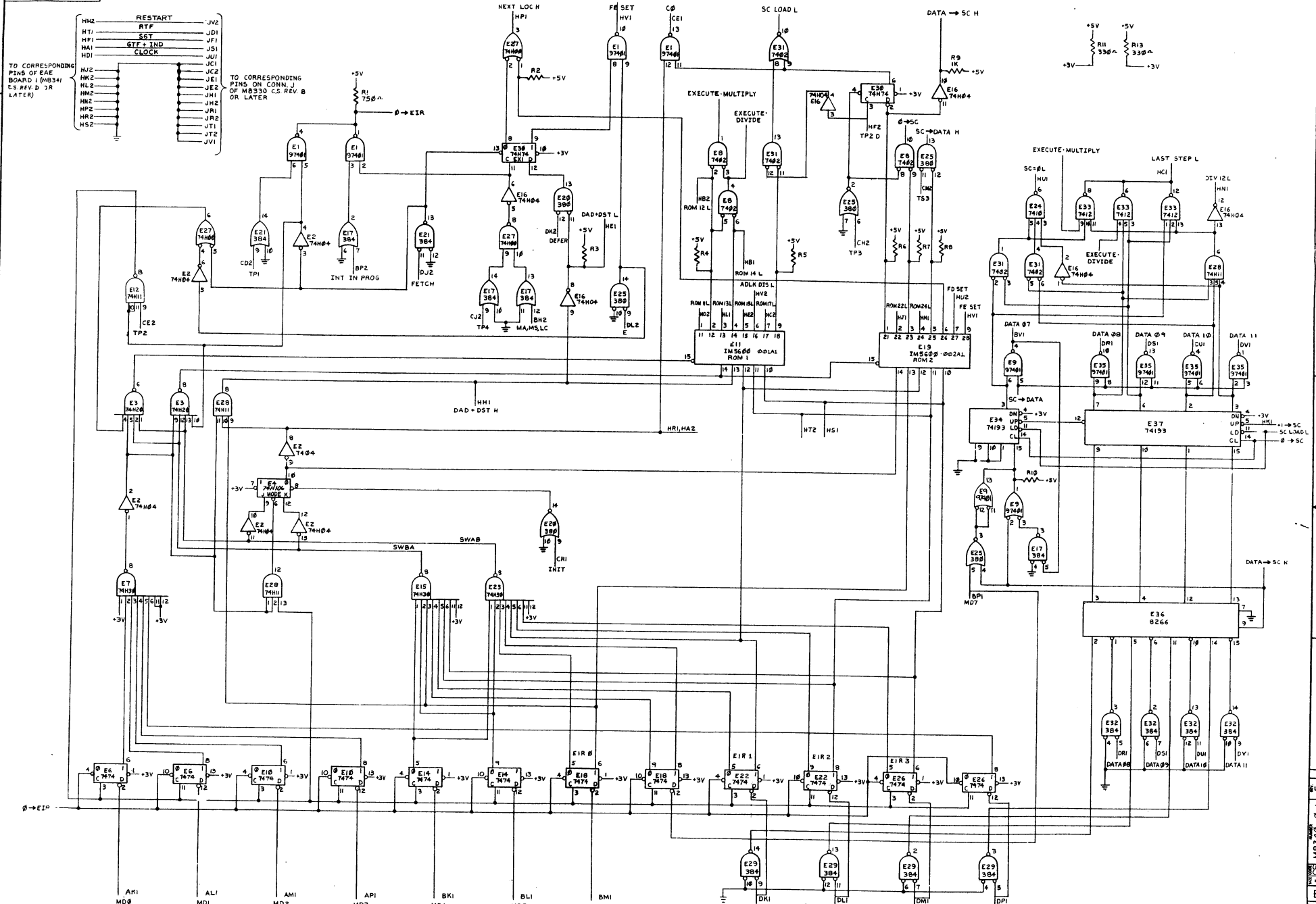
KE8-E																
1																
1																
3																

TITLE EXTENDED ARITH ELEMENT	ASSY NO. D-UA-KE8-E-0	SIZE CODE <b>A</b>	CODE <b>PL</b>	NUMBER KE8-E-0	REV.	ECO NO.
SHEET 1 OF 1		DIST.				

DEC FORM DEC 16-(325)-1031-N870  
DRA 110



Use standard test equipment, unless otherwise specified. All measurements should be made at room temperature, unless otherwise specified. All components are to be of standard tolerance, unless otherwise specified.



REV. 1	REV. 2
DATE	DATE
BY	BY
CHECKED	CHECKED
APP. NO.	APP. NO.
CHG. NO.	CHG. NO.

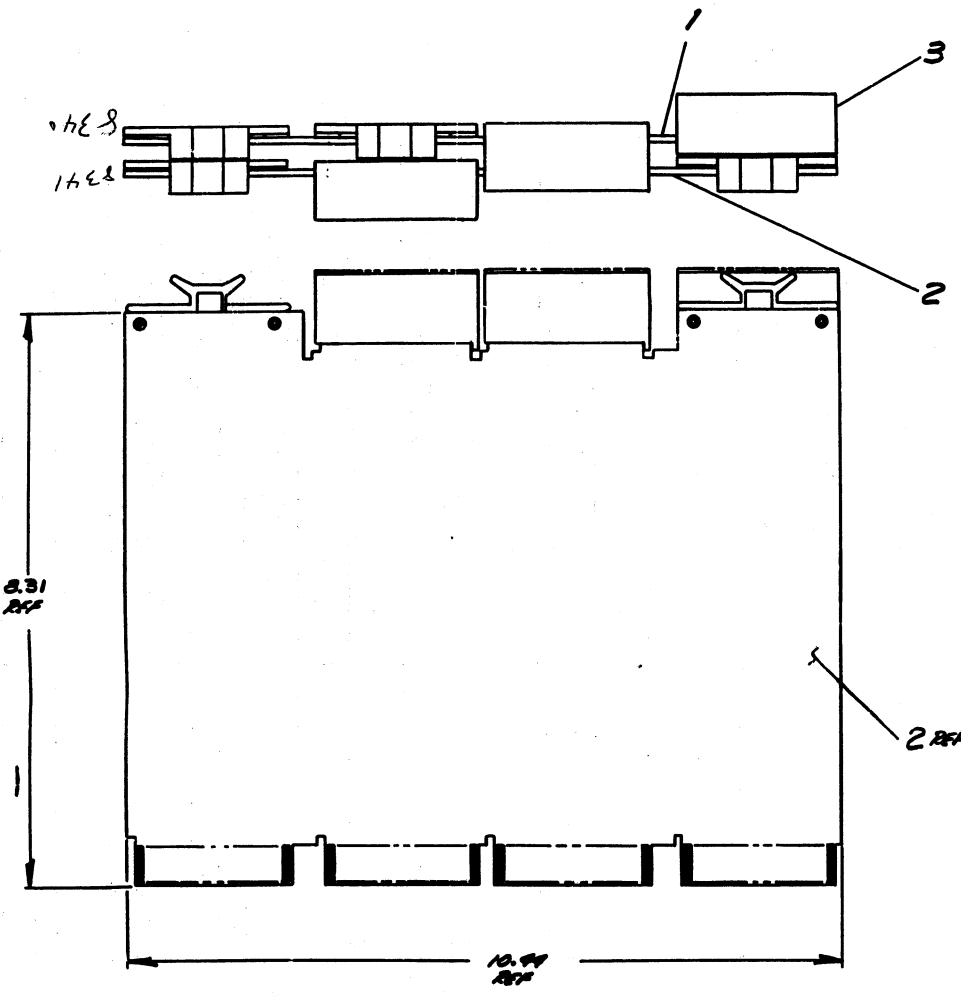
QTY.	DESCRIPTION	PARTS LIST	PART NO.	REF. NO.
UNLESS OTHERWISE SPECIFIED:				
RESISTORS - 1/2W 5% UNLESS OTHERWISE SPECIFIED				
CAPACITORS - 50V UNLESS OTHERWISE SPECIFIED				
TOLERANCES - DIMENSIONS - UNLESS OTHERWISE SPECIFIED:				
ASSEMBLY - 100% TESTED				
MATERIALS - ALL PARTS TO BE NEW UNLESS OTHERWISE SPECIFIED				
FINISH - ALL SURFACES TO BE CLEAN AND FREE OF OILING				
SCALE - 1:1				
SHEET 1 OF 2				
TITLE: <b>EAE DECODER AND STEP-COUNTER</b> ORGANIZATION: <b>digital EQUIPMENT CORPORATION</b> PART NO.: <b>ECS M-340-0-1</b>			NUMBER: <b>R</b> REV: <b>F</b>	

DCI MB3-10-10-1  
 1  
 2  
 3  
 4  
 5  
 6  
 7

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D  
C  
B  
A

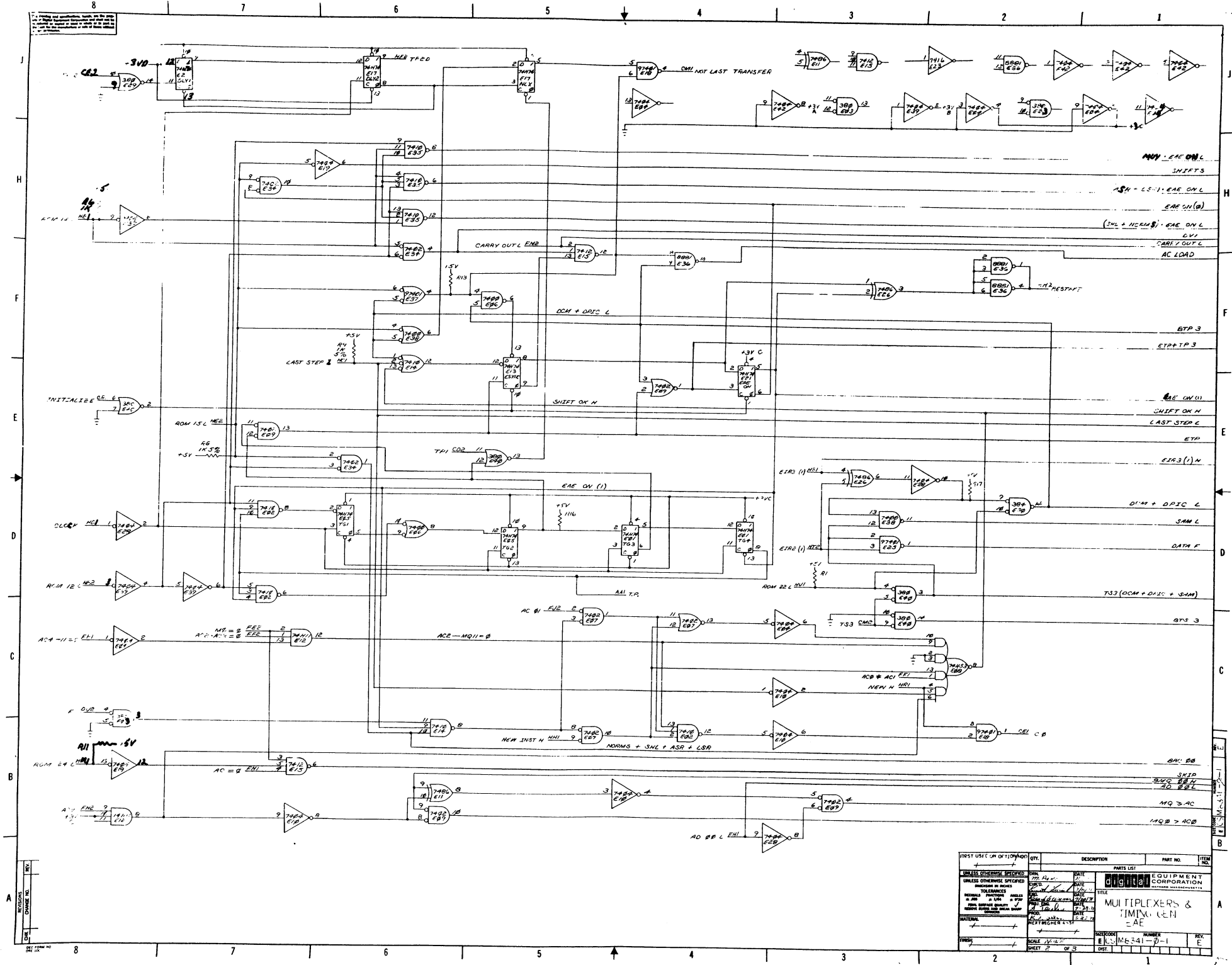
D  
C  
B  
A



REV.	
CHG.	
NO.	

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
<b>PDP8-E</b>		PARTS LIST		
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRY <i>Richard</i>	DATE 2/21/71	 digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	
DECIMALS	CHK'D. <i>Richard</i>	DATE 1/18/71		
ANGLES	ENG. <i>Richard</i>	DATE 8/18/71	TITLE EXTENDED ARITH ELEMENT	
.XXX - .005	PROJ. ENG. <i>S. Smith</i>	DATE 8/18/71	SIZE CODE DUA KE8-E-Ø	
.XX - .02	PROJ. <i>R. Smith</i>	DATE 8/18/71		
.X - .1	REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY ✓		NUMBER REV.	
MATERIAL	NEXT HIGHER ASSY.		DIST. <input type="checkbox"/>	
FINISH	SCALE			
	SHEET 1 OF 1			





REV	DESCRIPTION	DATE	BY
1	DESIGNED BY	7/2/57	...
2	...	...	...
3	...	...	...

REV	DESCRIPTION	DATE	BY
1	...	...	...
2	...	...	...

REV	DESCRIPTION	DATE	BY
1	...	...	...

REV	DESCRIPTION	DATE	BY
1	...	...	...

REV	DESCRIPTION	DATE	BY
1	...	...	...

REV	DESCRIPTION	DATE	BY
1	...	...	...

REV	DESCRIPTION	DATE	BY
1	...	...	...

REV	DESCRIPTION	DATE	BY
1	...	...	...

REV	DESCRIPTION	DATE	BY
1	...	...	...

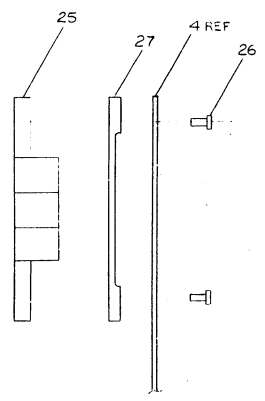
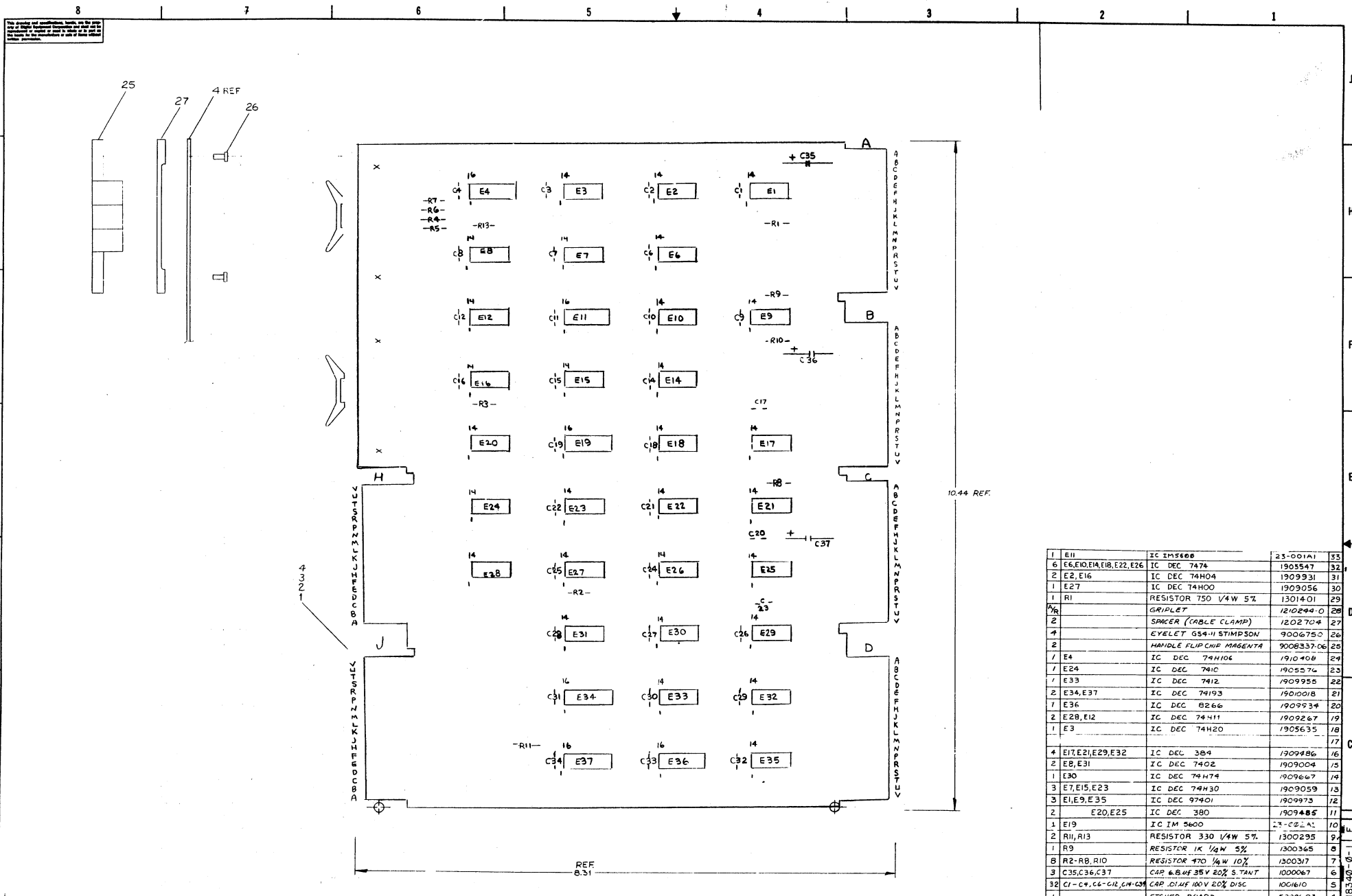
MULTIPLXERS & TIMING GEN  
 =AE

TITLE  
 MULTIPLXERS & TIMING GEN  
 =AE

FIRST USE OR OPTION NO.	QTY.	DESCRIPTION	PART NO.	ITEM NO.
...	...	...	...	...
...	...	...	...	...

SCALE: 100%  
 SHEET 2 OF 3

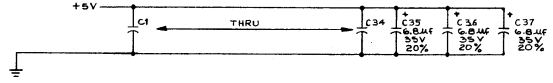
DIST.



QTY	REF DESIGNATION	DESCRIPTION	PART NO.	REV
1	E11	IC IM5600	23-001A1	33
6	E6, E10, E1A, E1B, E22, E26	IC DEC 7474	1905547	32
2	E2, E16	IC DEC 74H04	1909931	31
1	E27	IC DEC 74H00	1903056	30
1	R1	RESISTOR 750 1/4W 5%	1301401	29
2		GRIPLET	1210244-0	28
2		SPACER (CABLE CLAMP)	1202704	27
4		EYELET GS4-11 STIMPSON	9006750	26
2		HANDLE FLIP CNF MAGENTA	9006337-06	25
1	E4	IC DEC 74H106	1910408	24
1	E24	IC DEC 7410	1905574	23
1	E33	IC DEC 7412	1909955	22
2	E34, E37	IC DEC 74193	19010018	21
1	E36	IC DEC 8266	1909934	20
2	E28, E12	IC DEC 74411	1909267	19
1	E3	IC DEC 74H20	1905635	18
				17
4	E17, E21, E29, E32	IC DEC 384	1909486	16
2	E8, E31	IC DEC 7402	1909004	15
1	E30	IC DEC 74H74	1909667	14
3	E7, E15, E23	IC DEC 74H30	1903059	13
3	E1, E9, E35	IC DEC 97401	1909973	12
2	E20, E25	IC DEC 380	1909485	11
1	E19	IC IM 5600	23-C02A1	10
2	R11, R13	RESISTOR 330 1/4W 5%	1300295	9
1	R9	RESISTOR 1K 1/4W 5%	1300365	8
B	R2-R8, R10	RESISTOR 470 1/4W 10%	1300317	7
3	C35, C36, C37	CAP 6.8UF 35V 20% S TANT	1000067	6
32	C1-C4, C6-C12, C14-C18	CAP .01UF 100V 20% DISC	1001610	5
1		ETCHED BOARD	5009603	4
REF		MODULE ECO HISTORY	B-MH-MB340-04	3
REF		ASSY/DRAWING - HOLE LAYOUT	DAH-MB340-05	2
REF		X-Y COORDINATE HOLE LOCATION	KCC-MB340-04	1

IC TYPE	QTY	GRID	COORD
DEC 74193	8	16	
DEC 8271	8	16	
DEC 384	1	8	
DEC 380	1	8	
DEC 7476	5	13	

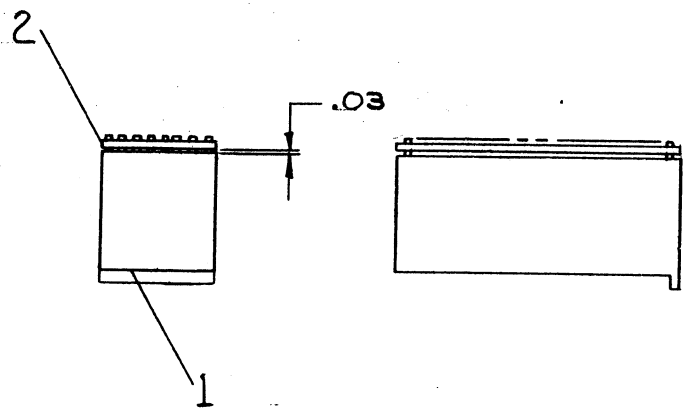
BC1, CC1, DC1,  
AC2, BC2, CC2, DC2,  
AF1, BF1, CF1, DF1,  
AF2, BF2, CF2, DF2,  
AN1, BN1, CN1, DN1,  
AN2, BN2, CN2, DN2,  
AT1, BT1, CT1, DT1,  
AT2, BT2, CT2, DT2,



DATE: 11/11/77  
 DRAWN BY: J. J. WILSON  
 CHECKED BY: J. J. WILSON  
 APPROVED BY: J. J. WILSON  
 TITLE: EAE DECODER & STEP COUNTER  
 SHEET: 1 OF 2  
 SCALE: 2:1  
 SEMICONDUCTOR CONVERSION CHART

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REV. B SIZE CODE NUMBER 0-0-198HVA00 2 1



REF	MODULE ECO HISTORY	B-MH-H851-0-6	5
REF	ASSY HOLE LAYOUT	C-AH-H851-0-5	4
REF	CIRCUIT SCHEMATIC	B-CS-H851-0-1	3
1	ETCH BOARD	D-IA-5008903-0-0	2
1	CONN BLOCK, 72 PIN	I210152	1

QTY.	DESCRIPTION	PART NO.	ITEM NO.
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PARTS LIST  
**digital EQUIPMENT CORPORATION**  
 MAYNARD, MASSACHUSETTS

DRN.	<i>A. Flandin</i>	DATE	7/28/70
CHK'D.	<i>P. Davis</i>	DATE	8/13/70
ENG.	<i>Jack Prime</i>	DATE	8-13-70
PROJ. ENG.	<i>Jack Prime</i>	DATE	8-13-70
PROD.	<i>W. Miller</i>	DATE	8-13-70
NEXT HIGHER ASSY	—		
SCALE	—		
SHEET	1 OF 1		

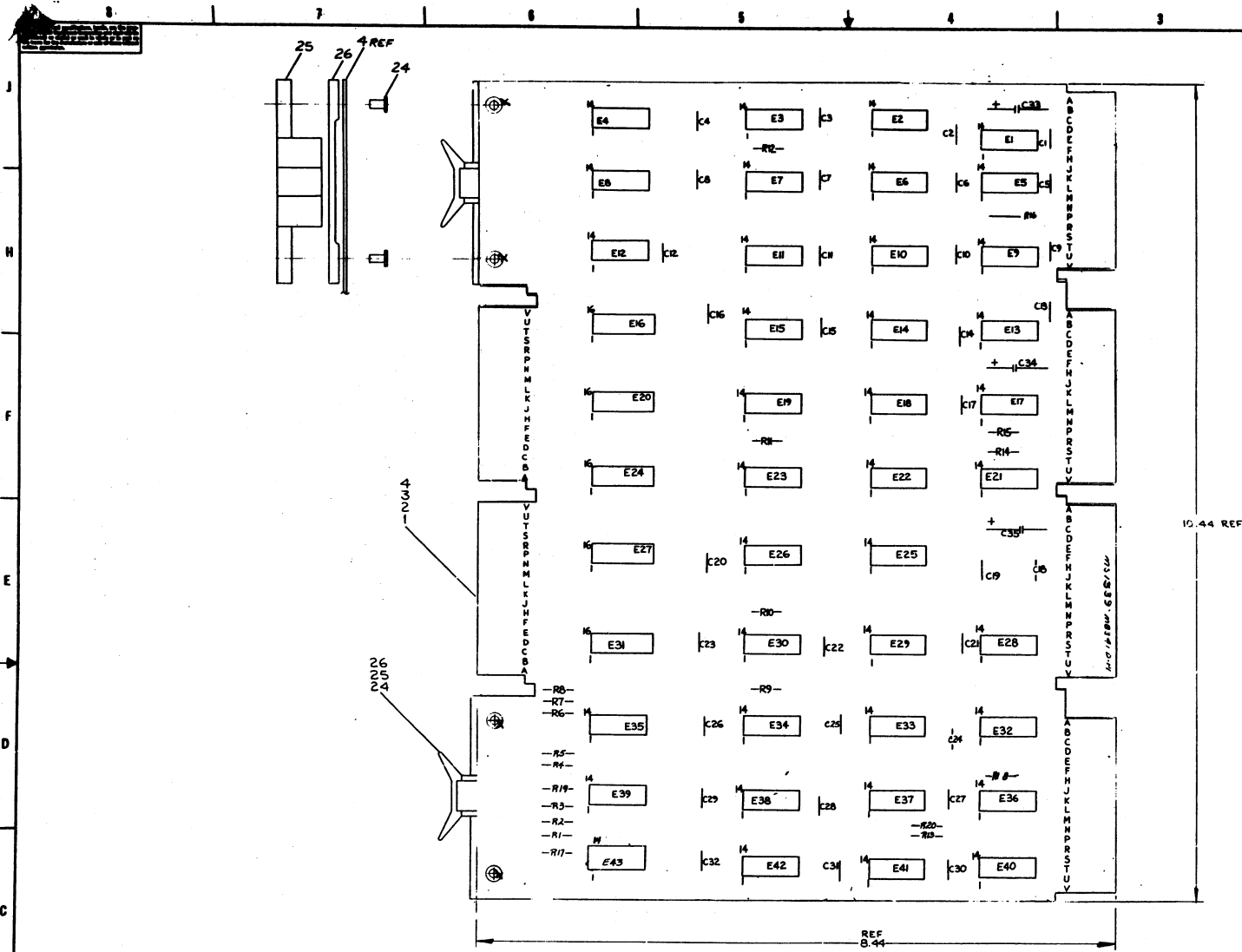
TITLE  
 H851  
 EDGE CONNECTOR  
 SIZE CODE NUMBER REV.  
 B UA H851-0-0 B  
 DIST. G

FIRST USED ON OPTION/MODEL	H851
UNLESS OTHERWISE SPECIFIED	UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES	DIMENSION IN INCHES
TOLERANCES	TOLERANCES
ANGLES	ANGLES
FINAL SURFACE QUALITY	FINAL SURFACE QUALITY
REMOVE BURRS AND BREAK SHARP CORNERS	REMOVE BURRS AND BREAK SHARP CORNERS
MATERIAL	—
FINISH	—

TOLERANCES DECIMALS	
.XXX	= ± .005
.XX	= ± .02
.X	= ± .1

REVISIONS	CHANGE NO.	REV.
	H851-00001	A
	<i>P. Gardner 12-10-70</i>	
	<i>P. Gardner 12-14-70</i>	
	H851-00002	B
	<i>B. Thiele 8-3-72</i>	
	<i>P. Gardner</i>	
	<i>Jack Prime For P.6 8-9-72</i>	

DEC FORM NO. DRB 100



NOTES:

1	E 43	IC DEC 8093	1Y10837	28
1	A	GRIPLET	1210244-C	27
2		SPACER (CABLE CLAMP)	1202704	26
2		HANDLE, FLIP CHIP-MAGENTA	90C8337-06	25
4		EYELET GS+11 STIMPSON	90C06150	24
7	E15	IC DEC 7412	19C9953	23
7	E23	IC DEC 7416	19C9928	22
3	E32, E36, E22	IC DEC 8881	19C9703	21
1	E12	IC DEC 74H11	19C9267	20
3	E7, E9, E34	IC DEC 74C2	19C9004	19
6	E4, E10, E19, E28, E39, E2	IC DEC 74C4	19C9686	18
4	E2, E14, E33, E35	IC DEC 7410	19C5576	17
1	E8	IC DEC 74H53	19C9062	16
2	E11, E26	IC DEC 74B6	19C9473	15
3	E18, E25, E37	IC DEC 97401	19C9473	14
3	E3, E29, E40	IC DEC 380	19C9485	13
8	E16, E20, E24, E27, E31	IC DEC 8235	19C9935	12
6	E13, E15, E17, E21, E41	IC DEC 74H74	19C9667	11
1	E30	IC DEC 384	19C9486	10
2	E6, E38	IC DEC 7400	19C5575	9
4	E6, E8, E9, R15	RES 1K 1/4W 5%	19C3365	8
16	R1, R2, R3, R4, R5, R7, R10, R11, R12, R20, R13, R14, R16, R17, R18, R19	RES 470 1/4W 10%	1321 517	7
3	C33, C34, C35	CAP 6.8µF 35V 20% TANT	1000047	6
32	C1 THRU C32	CAP. 0.1µF 100V 20% DISC	1001670	5
1		ETCHED CIRCUIT BOARD	5009604	4
REF		MODULE ECG HISTORY	B-MH-MB341-0-1	3
REF		ASSY/DRILLING HOLE LAYOUT	D-AH-MB341-0-1	2
REF		X-Y COORDINATE HOLE LOCATION	KCD-MB341-0-1	1
REF	REF DESIGNATION	DESCRIPTION	PART NO.	

AA2  
BA2  
CA2  
+5V

AC2, AF1, AF2, AN1, AN2, AT1, AT2  
BC1, BC2, BF1, BF2, BN1, BN1  
CC1, CC2, CN1, DC1, DF1, DN1, DT1

DEC 8093	7	14	
DEC 380	1	8	
DEC 8235	8	16	
DEC 384	1	8	
IC TYPE	QND	997	
QND	997		
QND AND BY ARE USUALLY PLO 7 AND 14			
UNSPECIFICALLY IDENTIFIED ARE BLANK ABOVE			
IC PIN LOCATIONS	JUMPER LIST		
ITEM NO	QND	FROM	TO

DEC NO.	ETA NO.	DEC NO.	ETA NO.

EQUIPMENT CORPORATION

MULTIPLEXERS & TIMING GEN EA

ECS MB341-0-1

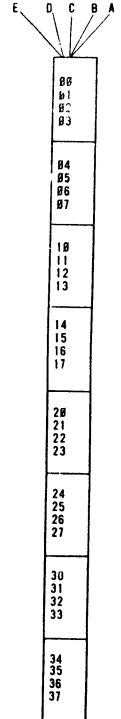
DATE 2/1

REV 1

NOTES:  
1. IF ANY CHANGES ARE TO BE MADE TO THIS PRINT  
FIRST CHECK WITH PURCHASE SPEC'S A-PS-23-001A  
AND A-SP-23-002A1.

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 - NEW → D  
OLD → E



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	0	0	1	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	0	1	1	1	1	1	1	1	377
F - ASR	0	1	1	1	1	0	1	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	1	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	0	1	376
E - MUY	1	0	1	1	0	1	1	1	267
E - DVI	1	0	1	0	0	0	1	1	241
NOT USED									X
E - SHL	0	1	1	0	0	0	1	0	142
E - ASR	1	1	1	1	0	1	1	0	366
E - LSR	1	1	1	1	1	1	0	0	366
NOT USED									X
E - DAD	1	1	0	1	1	0	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

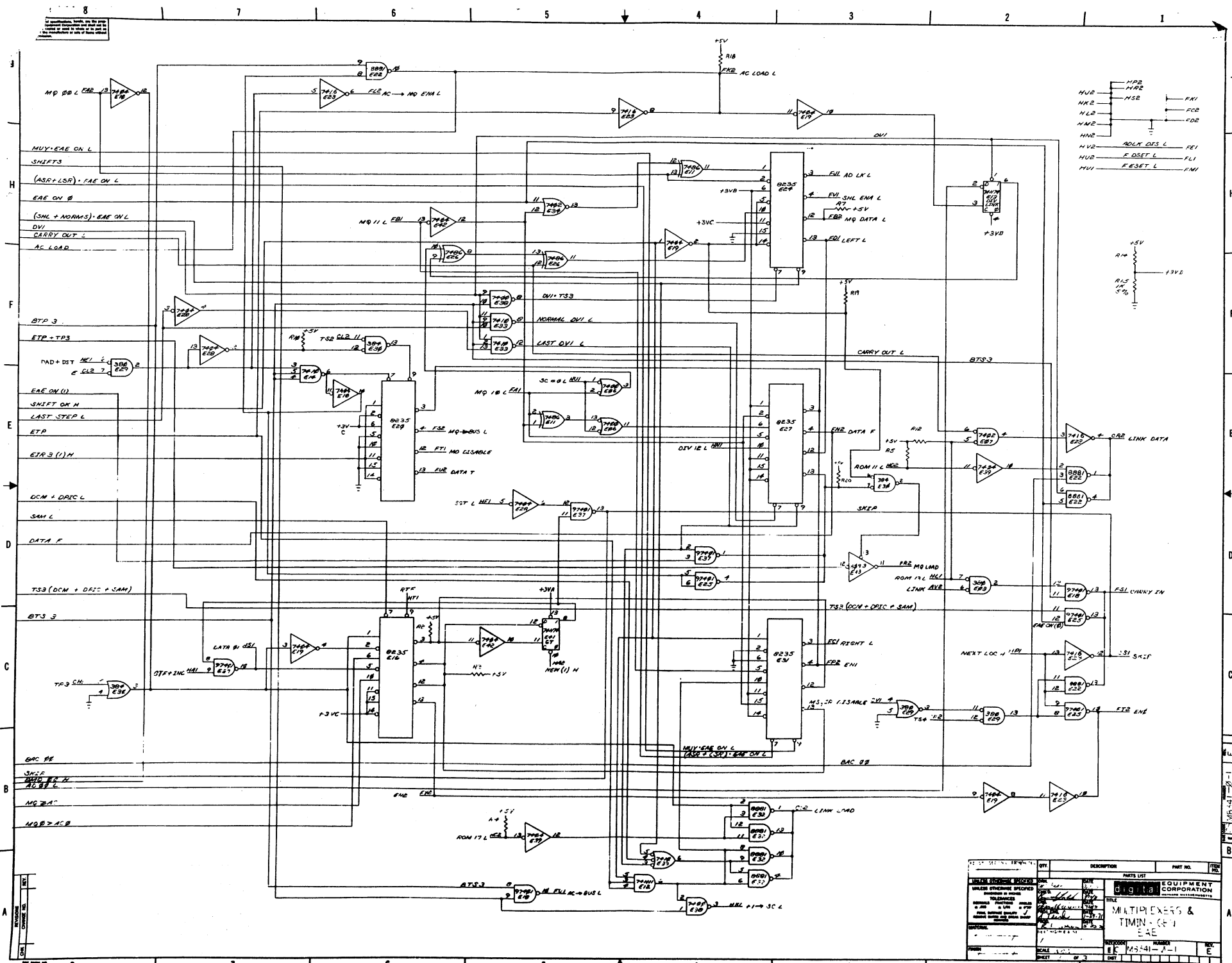
FUNCTION	Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	OCTAL
NOP	1	1	1	1	1	1	1	1	377
ACS	1	1	1	1	1	1	1	1	177
NEW MUY	1	1	0	1	1	0	1	1	331
NEW DVI	1	1	0	1	1	0	0	1	331
NMI	1	1	0	1	1	1	1	1	337
SHL	1	1	1	1	1	0	1	1	372
ASR	1	1	1	1	1	0	1	0	372
LSR	1	1	1	1	1	0	1	0	372
SCA	1	1	1	1	0	1	1	1	367
DAD	1	1	1	1	1	0	0	1	371
DST	1	1	1	1	1	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	1	0	1	372
OLD MUY	1	1	0	1	1	0	1	1	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	1	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

- B INDICATES ACB → LINK DATA AT TP3
- B INDICATES TO SLOW → ADD (NOT MERELY SHIFT)
- B INDICATES CARRY COUPLE AT TP3 (← CARRY IN, → CARRY OUT → DATA)
- B INDICATES LEFT SHIFT
- B INDICATES A SHIFT OPERATION
- B DISABLES CPU ADDER LINK GATING
- B INDICATES LINK LOAD AT TP3
- B INDICATES LOAD SC AT TP2

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

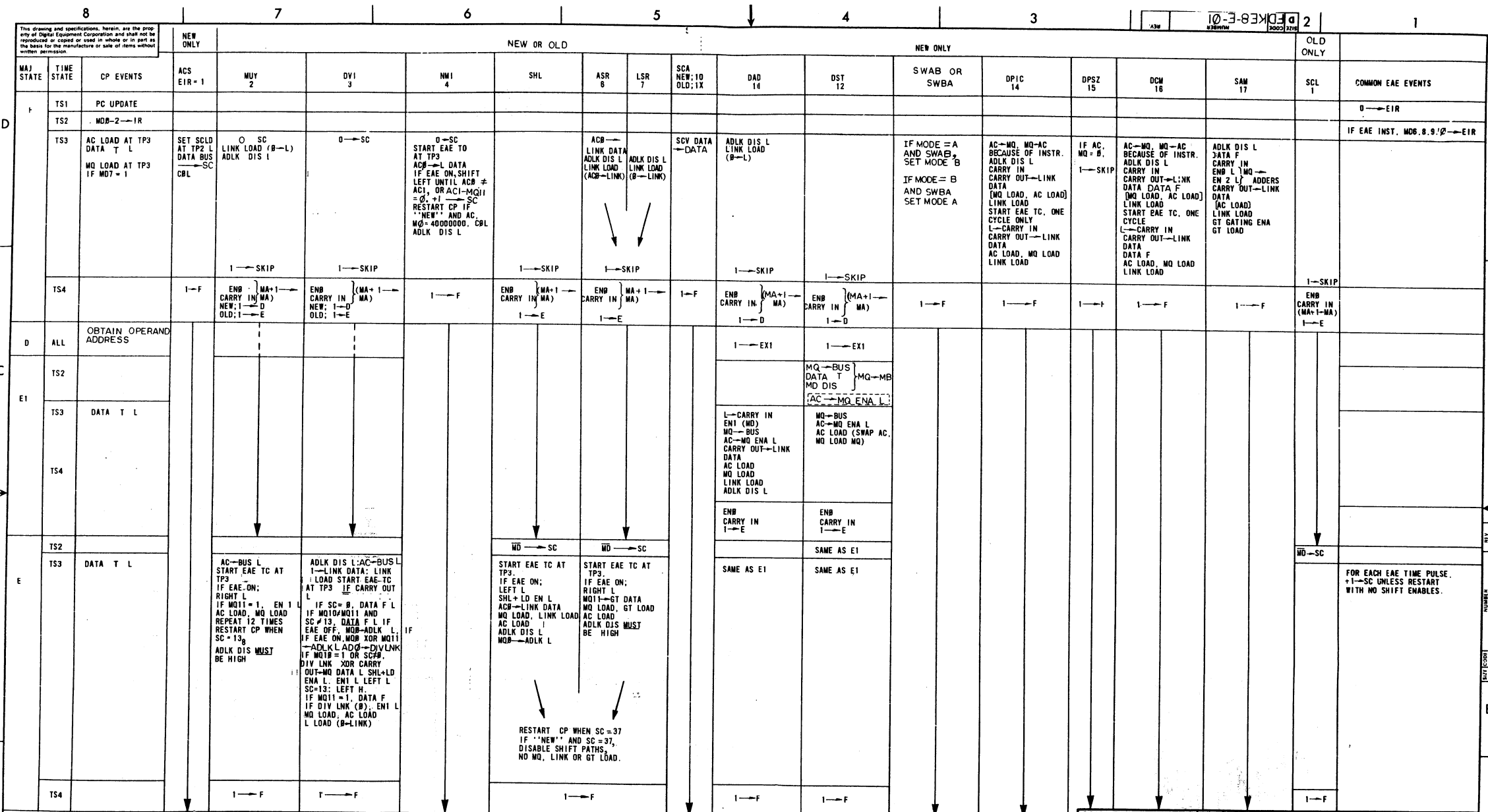
CHK	REVISIONS	CHANGE NO	REV
		KEBE-00003	A
		ESSER	

FIRST USED ON OPTION/MODEL KEB-E	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES	DRN <i>John Capron</i>	DATE 2/2/71	digital EQUIPMENT CORPORATION WATFORD MASSACHUSETTS	
DECIMALS	ANGLES	ENG <i>W. Max</i>	DATE 2/2/71	TITLE ROM ENCODING
xxx - 005	±0°30'	PROJ. ENG. <i>John Capron</i>	DATE 2/2/71	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROD. <i>W. Max</i>	DATE 2/2/71		
MATERIAL	NEXT HIGHER ASSY.	SIZE CODE	NUMBER	REV
	A-ML-KEB-E	D	FDKE3-E-02	A
FINISH	SCALE NONE	SHEET	DIST	
		1 OF 1		



QTY	DESCRIPTION	PART NO.	ITEM NO.	PARTS LIST	
				DATE	BY
1	7418 E28			1	
1	7416 E27			1	
1	7415 E27			1	
1	7414 E27			1	
1	7402 E27			1	
1	7400 E27			1	
1	7408 E27			1	
1	7404 E27			1	
1	7412 E27			1	
1	7413 E27			1	
1	7403 E27			1	
1	7401 E27			1	
1	7405 E27			1	
1	7406 E27			1	
1	7407 E27			1	
1	7409 E27			1	
1	7410 E27			1	
1	7411 E27			1	
1	7417 E27			1	
1	7418 E28			1	
1	7419 E27			1	
1	7420 E27			1	
1	7421 E27			1	
1	7422 E27			1	
1	7423 E27			1	
1	7424 E27			1	
1	7425 E27			1	
1	7426 E27			1	
1	7427 E27			1	
1	7428 E27			1	
1	7429 E27			1	
1	7430 E27			1	
1	7431 E27			1	
1	7432 E27			1	
1	7433 E27			1	
1	7434 E27			1	
1	7435 E27			1	
1	7436 E27			1	
1	7437 E27			1	
1	7438 E27			1	
1	7439 E27			1	
1	7440 E27			1	
1	7441 E27			1	
1	7442 E27			1	
1	7443 E27			1	
1	7444 E27			1	
1	7445 E27			1	
1	7446 E27			1	
1	7447 E27			1	
1	7448 E27			1	
1	7449 E27			1	
1	7450 E27			1	
1	7451 E27			1	
1	7452 E27			1	
1	7453 E27			1	
1	7454 E27			1	
1	7455 E27			1	
1	7456 E27			1	
1	7457 E27			1	
1	7458 E27			1	
1	7459 E27			1	
1	7460 E27			1	
1	7461 E27			1	
1	7462 E27			1	
1	7463 E27			1	
1	7464 E27			1	
1	7465 E27			1	
1	7466 E27			1	
1	7467 E27			1	
1	7468 E27			1	
1	7469 E27			1	
1	7470 E27			1	
1	7471 E27			1	
1	7472 E27			1	
1	7473 E27			1	
1	7474 E27			1	
1	7475 E27			1	
1	7476 E27			1	
1	7477 E27			1	
1	7478 E27			1	
1	7479 E27			1	
1	7480 E27			1	
1	7481 E27			1	
1	7482 E27			1	
1	7483 E27			1	
1	7484 E27			1	
1	7485 E27			1	
1	7486 E27			1	
1	7487 E27			1	
1	7488 E27			1	
1	7489 E27			1	
1	7490 E27			1	
1	7491 E27			1	
1	7492 E27			1	
1	7493 E27			1	
1	7494 E27			1	
1	7495 E27			1	
1	7496 E27			1	
1	7497 E27			1	
1	7498 E27			1	
1	7499 E27			1	
1	7500 E27			1	





REV	CHG	NO	DATE	BY
1				
2				
3				
4				
5				
6				
7				
8				

FIRST USED ON OPTION/MODEL		QTY.	DESCRIPTION	PART NO.	ITEM NO.
KE8-E					
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES					
DRN. <i>Tom Capen</i>	DATE <i>22 Jun 77</i>				
CHK'D. <i>W. M. ...</i>	DATE <i>8/17/77</i>				
DECIMALS	ANGLES	TITLE			
.XXX - .005	± 0° 30'	EAE FLOW DIAGRAM			
.XX - .02		DATE <i>8/18/77</i>			
.X - .1		DATE <i>8/18/77</i>			
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY					
MATERIAL		NEXT HIGHER ASSY.			
FINISH		A-ML-KE8-E	SIZE CODE	NUMBER	REV.
		SCALE NONE	D	DFDK8-E-01	
		SHEET 1 OF 1	DIST.		





**DIGITAL EQUIPMENT CORPORATION**  
MAYNARD, MASSACHUSETTS

**ENGINEERING SPECIFICATION**

CONTINUATION SHEET

**ENGINEERING SPECIFICATION**

DATE 2/15/72

TITLE KE8E ACCEPTANCE PROCEDURE

REVISIONS

REV	DESCRIPTION	CHG NO	ORIG	DATE	APPD BY	DATE

TITLE KE8E ACCEPTANCE PROCEDURE

- 1.Ø Equipment Required
  - A. PDP-8E or PDP-8M
  - B. M8340
  - C. M8341
  - D. 3-H851's
  - E. Teletype
  - F. Maindec-8E-DØLB-D-PB KE8E Instruction Test 1
  - G. Maindec-8E-DØMB-D-PB KE8E Instruction Test 2
  - H. Maindec-8E-DØRA-D-PB KE8E Extended Memory Exerciser
  
- 2.Ø Check that the M8340 and M8341 have:
  - A. Proper circuit revision.
  - B. Day code.
  
- 3.Ø Load and run the following diagnostics, consulting the Diagnostic Document for proper operating procedure.
  - A. Maindec-8E-DØLB for two complete program passes which will be indicated by "KE81" being typed out twice.
  - B. Maindec-8E-DØMB for two complete program passes which will be indicated by "KE8E" being typed out twice.
  - C. Maindec-8E-DØRA for five complete program passes which will be indicated by "KE8EME" being typed out five times. At the beginning of the program, be sure to type the correct value defining the maximum amount of memory.
  
- 4.Ø Shipping Hardware
  - A. M8340
  - B. M8341
  - C. 3-H8351's
  
- 5.Ø Shipping Software
  - A. Libkit-8E-KE8E
  - B. KE8E Print Set
  - C. KE8E Maintenance Manual

This drawing and specifications, herein, are the property of Digital Equipment Corporation and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of items without written permission.

ENG <i>Louis H. G.</i>	APPD <i>John M. Conway</i>	SIZE <b>A</b>	CODE SP	NUMBER KE8-E-0-4	REV
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SIZE <b>A</b>	CODE SP	NUMBER KE8-E-0-4	REV
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