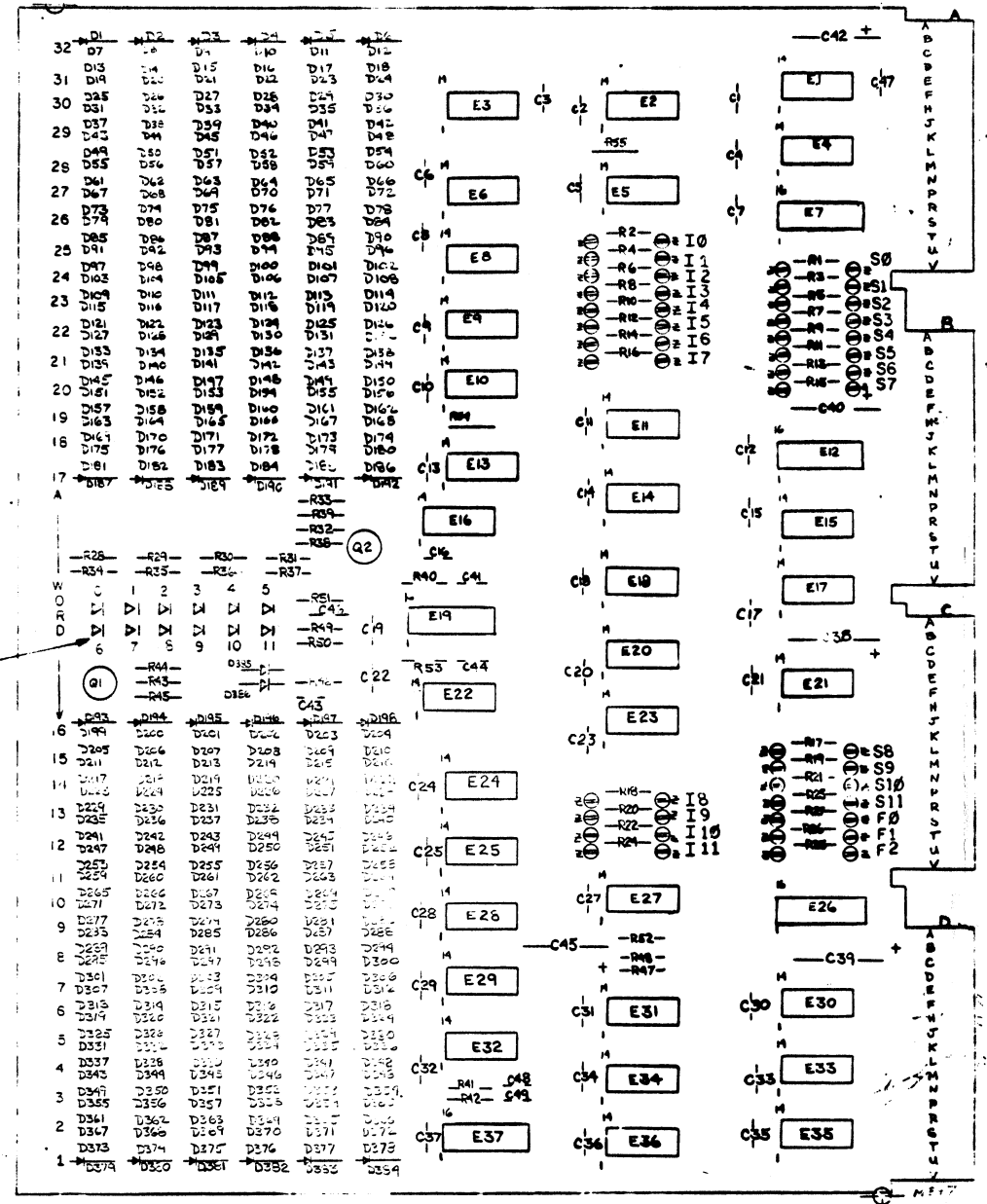
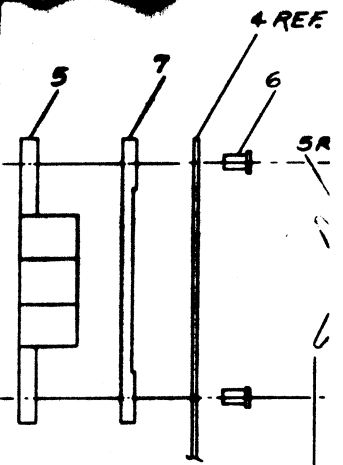


✓
MI8-E hardware
bootstrap loader
engineering drawings



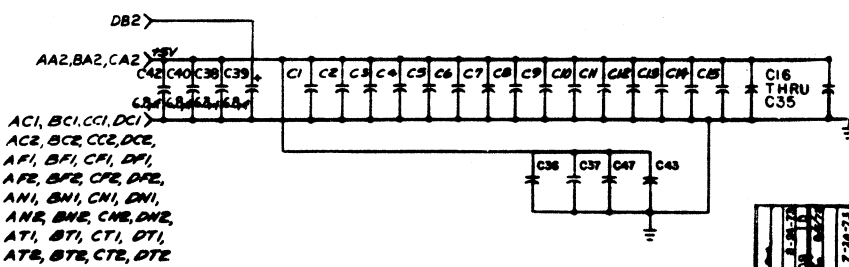
SEE DETAIL A ON SHEET NO. 4 ZONE 7-B.

- NOTES:**
1. DIODES ARE D664 UNLESS OTHERWISE INDICATED.
 2. CUT JUMPER OR DIODE TO ENCODE A 1.
 3. I JUMPERS DEFINE INITIAL LOADING ADDRESS.
 - 5 JUMPERS DEFINE PROGRAM STARTING ADDRESS.
 - F JUMPERS DEFINE INSTRUCTION, DATA FIELD.
- CAUTION: F2, F1 F0, CORRESPOND TO EMA0, EMA1, EMA2, RESPECTIVELY.
4. QUANTITY OF COMPONENTS REMAIN THE SAME EXCEPT OF THE AMOUNT OF DIODES, SHOWN ON PARTS LIST BELOW.

SEE NOTE 4

M047 VERSIONS									
YM	YL	YK	YJ	YH	YF	YE	YD	YC	YA
275	186	39	249	142	175	171	72	42	94
1	WIRE #22AWG SOLID BUS	3107560-01	41						
54	SPLIT LUG	9006735	40						
2	E19, E37	I.C. DEC 74123	1310436						
3	E14, E16, E34	I.C. DEC 7402	1309004						
4	E11, E18, E22, E31	I.C. DEC 7474	1305547						
3	E7, E12, E26	I.C. DEC 8235	1302513						
4	E6, E9, E25, E29	I.C. DEC 7416*	1310041						
3	E5, E13, E36	I.C. DEC 7400	1305575						
6	E4E15, E21, E23, E30, E33	I.C. DEC 8881	13039705						
6	E3E8, E10, E28, E28, E32	I.C. DEC 7404	1309686						
3	E2, E20, E27	I.C. DEC 380	13029485						
3	E1, E7, E35	I.C. DEC 384	13029486						
2	Q1, Q2	TRANS. DEC 3009	1303100						
386	D1-D386	DIODE D664	100114						
1	R52	RESISTOR 15K 1/4W 5%	1300436						
1	R48	RESISTOR 3K 1/4W 5%	1300432						
1	R47	RESISTOR 1K 1/4W 5%	1300365						
1	R50	RESISTOR 100 1/4W 5%	1300229						
1	R51	RESISTOR 270 1/4W 5%	1301972						
1	R53	RESISTOR 22K 1/4W 5%	1301808						
1	R41	RESISTOR 20K 1/4W 5%	1302391						
1	R45	RESISTOR 27 1/4W 10%	1301423						
1	R44	RESISTOR 12 1/4W 10%	1301430						
5	R43, R46, R39, R35	RESISTOR 470 1/4W 10%	1300317						
2	R40, R42	RESISTOR 10K 1/4W 5%	1300479						
12	R28-R39	RESISTOR 5.6K 1/4W 5%	1301874						
27	R1-R27	RESISTOR 6.8K 1/4W 5%	1301423						
1	C46	CAP. 2700PF 100V 5%	1001637						
1	C45	CAP. 33PF 10V 10%	1000076						
1	C44	CAP. 150PF 100V 5%	1000019						
1	C48	CAP. 68PF 100V 5%	1001872						
2	C41, C49	CAP. 27PF 100V 5%	1001759						
3	C31, C33, C40, C42	CAP. 6.8K 1/4W 5%	1001887						
3	C32, C34, C35, C43	CAP. 10K 1/4W 5%	1001610						
4	C1-C30	CAP. 10K 1/4W 5%	1001608						
1	C38	CAP. 10K 1/4W 5%	1001608						
1	C37	CAP. 10K 1/4W 5%	1001608						
1	C36	CAP. 10K 1/4W 5%	1001608						

QUC	QUC	QUC	QUC	QUC	QUC	QUC	QUC	QUC	QUC
QUC 335	1	16							
QUC 340	1	8							
QUC 354	1	8							



SYS CLR L

H

F

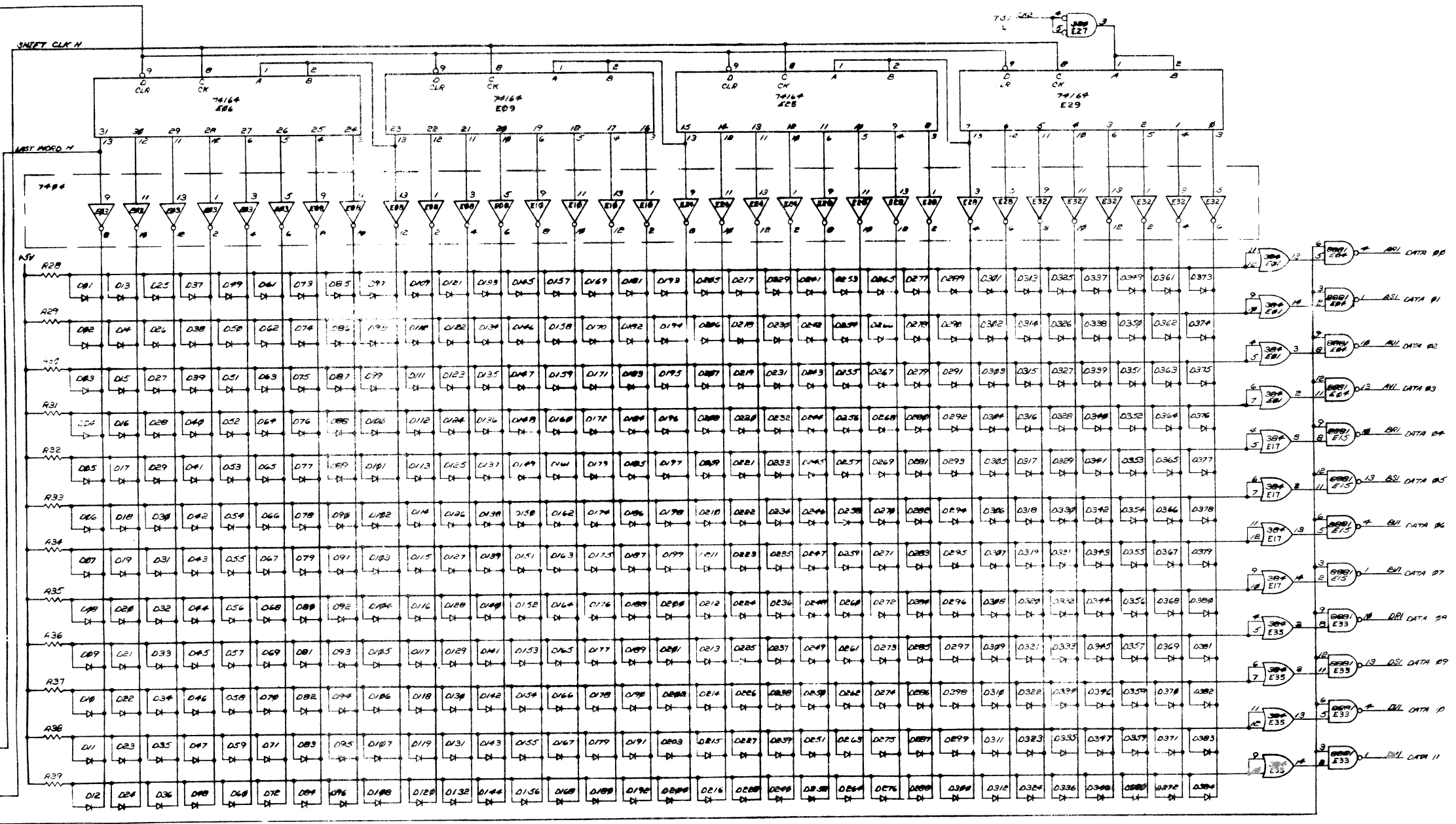
E

D

C

B

A



REV. 1	REV. 2	REV. 3	REV. 4	REV. 5	REV. 6	REV. 7	REV. 8	REV. 9	REV. 10
EQUIPMENT CORPORATION									
BOOTSTRAP LOADER									
ECSM847-0-1									

ECSM847-0-1

A

M

X = REMOVE JUMPER OR DIODE
 O = INSTALL " " "

MODULE: M847YA (OPTION MI8-EA) (HIGH, LOW RIM)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
OX	XO	OX	OO	XO	XX	OX	XX	XO	XO	XO	XO	XO	XO	XO	OX	OX	XX	OX	OX	OX	XX	OX	OX	XX	OX	OX	XO	XO	XX	OX	OO
OX	XO	XX	XO	XX	OO	OX	OO	XX	XO	XX	OO	OX	OO	XX	XX	XX	OO	XX	OX	OX	XO	OX	XX	XO	XX	XX	XX	XX	XX	OO	OO
XO	XO	OX	XX	XO	OX	XO	XX	OX	OX	XX	OX	XX	OX	XX	OX	XO	XO	XX	XO	OX	OX	XX	OX	XO	OX	XX	XX	XX	XX	OO	OO
XO	XX	XO	XO	XO	OO	OO	OO	OO	OO	OO	OO	OO	OO	XO	XO	OO	OO	XO	XO	XO	XO	OO	OO	OO	OO	XX	XX	XX	XX	OO	OO
OO	XX	XX	XX	XX	OX	OO	XX	OX	OX	OX	OX	XX	OX	XX	XO	OO	XX	XO	XO	XO	OO	OX	XO	OO	XX	OO	OO	XX	XX	XX	OO
OO	OX	OX	XX	OX	OX	XO	OX	XX	XX	XX	XX	XX	XX	XX	XX	OO	XO	XX	OO	OO	OX	OX	OO	OX	XO	XX	OO	OX	OX	OX	OO

(# of X's = 210)
 (# of O's = 174)

III Iφ
 XXXX XOX XXXXX (* of X's = 22)
 OOO XXXX XOX XXXXX (* of O's = 5)
 F2 Fφ SII Sφ

MODULE: M847YC (OPTION MI8-EC) (TCØ8 DECTAPE)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
OX	XX	XO	XX	XX	XX	XX	XO	XO	XO	XO	XX	XX	XX	XX	XX	OO	OO	XX	XX
OX	XX	XO	XX	XX	XO	OX	OO	XX	OO	XX	XO	XX	XO	OX	OX	OO	XO	XX	XO
OX	XO	XX	OO	XO	OX	XX	XX	XX	XX	XX	OO	XX	XX	XX	XX	OO	OO	XO	XX
OX	XX	XO	XX	OX	OO	OO	XX	XO	OX	XO	XX	XO	XX	XX	XX	OX	OO	OX	XO
OX	OX	OX	XX	OX	OX	OX	XX	OX	XX	OX	XX	XX	OX	OX	OX	OX	OX	OX	XX
OO	OX	OX	OX	XX	OX	OO	OX	XX	OX	OX	XX	OX	OX	XX	XX	OO	OO	XX	OX

(# of X's = 20)
 (# of O's = 4)

OOXX OXXO XXXX (* of X's = 13)
 OOOOOXX OXXO XXXX (* of O's = 11)

MODULE: M847YD (OPTION MI8-ED) (RKS DISK)

1	2	3	4	5	6	7	ALL "X"										ALL "X"									
OX	XX	XX	OX	OX	OX	OX	ALL "X"										ALL "X"									
OX	OX	OX	XO	OX	XX	XO	ALL "X"										ALL "X"									
OO	XO	OO	OX	OX	XO	XX	ALL "X"										ALL "X"									
XO	OX	XX	XO	OO	OX	OO	ALL "X"										ALL "X"									
XO	OX	OX	OO	OX	XX	OO	ALL "X"										ALL "X"									
XO	XX	XX	XO	OO	XX	XO	ALL "X"										ALL "X"									

(# of X's = 144)
 (# of O's = 40)

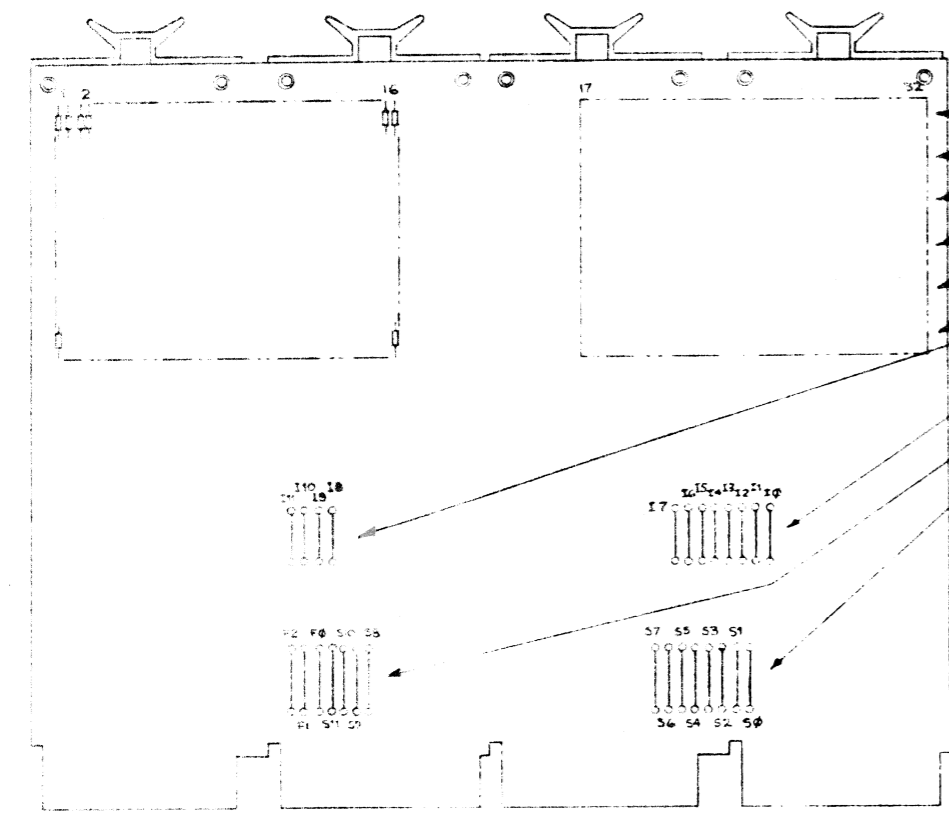
XXOO XOOOOOOO (* of X's = 2)
 OOOXXOO XOOOOOOO (* of O's = 21)

MODULE: M847YE (OPTION MI8-EE) (TYPESET RIM)

1	2	3	4	5	6	7	8	9	10	11	12	13	ALL "X"										ALL "X"									
XX	OX	OX	XX	OX	OX	OX	OX	XX	XX	XX	XO	XX	ALL "X"										ALL "X"									
XX	OX	OX	XO	OX	OX	OX	XX	OO	OO	OO	XX	OO	ALL "X"										ALL "X"									
XX	XO	XO	OX	OX	XO	OX	XX	XX	XX	XO	XX	XO	ALL "X"										ALL "X"									
OX	XO	OO	OO	XO	XO	OO	OX	XO	XX	XO	OO	XO	ALL "X"										ALL "X"									
OX	OO	OO	OX	XO	XO	XO	OO	XX	XX	XX	XX	XX	ALL "X"										ALL "X"									
XX	OO	XO	OX	OX	OO	OO	XX	OX	OX	XX	OX	XX	ALL "X"										ALL "X"									

(# of X's = 114)
 (# of O's = 70)

OXXX OXXXXXXXX (* of X's = 19)
 OOOOOOX XXXXXXXX (* of O's = 8)



DETAIL A
 BIT LOCATIONS
 IN EACH WORD

6	▽	▽	0
7	▽	▽	1
8	▽	▽	2
9	▽	▽	3
10	▽	▽	4
11	▽	▽	5

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	REV.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRN 7/1/71	DATE 9/1/71	digital EQUIPMENT CORPORATION	
DECIMALS ANGLES	CHK'D	DATE		
.XX - .006	ENG. [Signature]	DATE	TITLE BOOTSTRAP LOADER	
.XX - .02	PROJ. ENG. [Signature]	DATE		
.X - .1	PROJ. [Signature]	DATE	SIZE CODE NUMBER DCS M847-0-1	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROJ. [Signature]	DATE		
MATERIAL	NEXT HIGHER ASSY.	SCALE	REV. M	
FINISH	SCALE NOTE	SHEET		
		SHEET 4 OF 6	DIST.	

REVISIONS: CHANGE NO. REV.
 CHK. DATE

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MODULE: M847YF (OPTION MI8-EF) (EDUSYSTEM, LOW)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
0X	0X	0Y	X0	XX	XX	XX	X0	XX	0X	0X	0X	XX	XX	XX	0X	0X	XX	0X	0X	0X	0X	XX	0Y	0X	XX	0X	X0	X0	XX	00	
0X	0X	0X	0X	XX	XX	00	X0	00	0X	0Y	XX	00	00	XX	XX	XX	00	XX	0X	0X	00	0X	XX	X0	XX	XX	XX	XX	00	X0	
00	0X	XX	0X	00	X0	0X	XX	0X	00	00	00	XX	XX	XX	X0	00	0X	0X	0X	XX	0X	X0	0X	0X	XX	XX	XX	XX	00		
X0	XX	0X	00	XX	0X	X0	X0	00	0X	0X	0X	00	0X	XX	00	00	X0	X0	X0	X0	0X	X0	00	X0	X0	0X	XX	X0	X0	00	
X0	0X	00	XX	XX	0X	0X	XX	XX	0X	XX	XX	XX	XX	XX	X0	00	XX	X0	X0	X0	00	XX	X0	00	XX	00	00	XX	XX	XX	0X
X0	00	0X	XX	0X	XX	0X	0X	XX	00	X0	00	0X	0X	XX	00	X0	XX	00	0X	00	0X	XX	00	X0	XX	00	00	0X	0X	0X	00

XXXX X0X XXX XX (# OF X'S = 22)
 000 XXXX X0X XXXXX (# OF O'S = 5)

MODULE: M847YG (OPTION MI8-EG) (EDUSYSTEM, HIGH)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
0X	0X	0X	X0	XX	XX	XX	X0	XX	0X	0X	0X	XX	XX	XX	0X	0X	XX	0X	0X	0X	0X	XX	0X	0X	XX	0X	X0	X0	XX	00	
0X	0X	0X	0X	XX	XX	00	X0	00	0X	0X	XX	00	00	XX	0X	0X	00	0X	0X	0X	X0	0X	0X	X0	0X	XX	XX	XX	00	X0	
00	0X	XX	0X	00	X0	0X	XX	0X	00	00	00	00	XX	XX	X0	X0	XX	X0	0X	0X	XX	0Y	X0	0X	X0	0X	XX	XX	XX	00	
X0	XX	0X	00	XX	0X	X0	X0	00	0X	0X	0X	00	00	XX	X0	00	X0	X0	X0	X0	X0	00	X0	X0	0X	XX	X0	X0	X0	00	
X0	0X	00	XX	XX	0X	0X	XX	XX	0X	XX	XX	XX	XX	XX	X0	00	00	XX	X0	X0	00	0X	X0	00	XX	X0	00	XX	XX	XX	0X
X0	00	0X	XX	0X	XX	0X	0X	XX	00	X0	00	0X	0X	XX	00	X0	XX	00	0X	00	0X	0X	00	X0	XX	00	00	0X	0X	XX	00

XXXX X0X XXXXX (# OF X'S = 22)
 000 XXXX X0X XXXXX (# OF O'S = 5)

MODULE: M847YH (OPTION MI8-EH) (TD-8E)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
00	0X	0X	XX	0X	XX	00	00	0X	0X	00	00	XX	XX	0X	XX	00	00	XX	0X	00	0X	XX	XX	XX	X0	0X					
00	00	XX	00	XX	XX	X0	00	X0	0X	00	XX	XX	00	XX	00	X0	X0	0X	00	XX	00	0X	0X	0Y	X0	0X					
XX	X0	X0	X0	0X	X0	0X	00	0X	XX	00	0X	X0	X0	XX	XX	X0	0X	XX	00	XX	XX	XX	0X	0X	X0	0X					
00	00	00	0X	00	XX	XX	X0	00	0X	00	00	00	0X	XX	00	00	0X	0X	00	0X	X0	X0	XX	XX	X0	0X					
XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	00	0X	0X	0X	0X	XX	0X	XX	0X	0X	0X	XX	XX	XX	X0	00						
0X	0X	0X	XX	XX	XX	0X	0X	XX	0X	00	0X	0X	XX	XX	0X	XX	XX	00	XX	XX	0X	0X	XX	X0	00						

00 00 00 XX 0X XX (# OF X'S = 10)
 0 00 00 00 00 XX 0X XX (# OF O'S = 17)

MODULE: M847YJ (OPTION MI8-EJ) (RK8-E)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
00	0X	00	XX	XX	0X	0X	00	0X	XX	XX	0X	XX	0X	XX	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
X0	0X	00	0X	0X	X0	0X	XX	00	0X	0X	X0	0X	X0	0X	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
X0	00	XX	00	00	0X	0X	X0	XX	00	0X	0X	0X	00	XX	XX	00	X0	00	00	00	X0	X0	00	X0	00	X0	X0	X0	X0	X0	00
00	X0	XX	X0	00	00	00	00	00	X0	XX	00	0X	0X	XX	X0	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
X0	X0	00	X0	00	0X	X0	X0	0X	X0	0X	00	00	XX	00	XX	0X	XX	00	00	00	0X	XX	0X	0X	0X	0X	0X	XX	0X	XX	XX
00	X0	00	00	X0	00	00	00	00	00	XX	00	X0	XX	X0	XX	X0	00	00	00	00	XX	0X	XX	XX	XX	0X	XX	0X	XX	0X	XX

00 XX 00 00 00 00 (# OF X'S = 5)
 0 00 X0 XX 00 00 00 00 (# OF O'S = 22)

MODULE: M847YK (OPTION MI8-EK) (DC72:CR8-F)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
DO NOT ADD OR DELETE ANY DIODES IN THIS AREA. (I.E. "DON'T CARE"). SEE NOTE.																"DON'T CARE" SEE LEFT.															
																XX XX 0X XX 0X X0 X0 XX XX X0 XX X0 XX XX XX XX X0 XX X0 XX X0 XX XX XX 0X 00 0X 00 XX 00 X0 00 XX 0X 0X XX 0X 0X XX 00 0X X0 0X 00 00 XX 0X															

OF X'S = 59 + 288 = 347
 # OF O'S = 37 [+ 288] = 325

NOTE:
 IF BOARDS HAVE DIODES INSERTED ALREADY, DO NOT REMOVE DIODES IN THIS AREA.
 IF BOARDS ARE HAVING DIODES INSERTED, DO NOT INSERT DIODES IN THIS AREA.

MODULE: M847YL (OPTION MI8-EL) CAPS 8, CASSETTE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
00	00	00	0X	0X	0X	0X	XX	0X	0X	00	00	00	0X	0X	0X	0X	0X	00	0X	00	0X	00	00	0X	XX	0X	00	0X	X0	X0	0X
X0	00	00	0X	0X	00	00	XX	0X	0X	00	00	00	00	00	XX	0X	XX	X0	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
XX	0X	0X	0X	0X	00	00	XX	0X	0X	00	00	00	00	00	XX	00	0X	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
XX	XX	0X	XX	0X	00	00	XX	0X	0X	00	00	00	00	00	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
X0	00	0X	0X	XX	00	00	0X	0X	00	X0	00	X0	0X	XX	0X	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00

00 00 0X X0 XX XX (# OF X'S = 15)
 0 0X 00 0X XX X0 XX XX (# OF O'S = 12)

OF X'S = 2
 # OF O'S = 25

00 00 00 00 00 00 0X
 0 00 00 00 00 00 00 0X

OF X'S = 200
 # OF O'S = 184

FIRST USED ON OPTION/MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCES	DRN.	DATE	digital EQUIPMENT CORPORATION	
DECIMALS ANGLES	CHK'D.	DATE	MAYNARD MASSACHUSETTS	
.XXX - .006 .XX - .02 .X - .1	ENG.	DATE	TITLE	
REMOVE BURRS AND BREAK SHARP CORNERS SURFACE QUALITY	PROG. ENCL.	DATE	ECOTSTRAP LOADER	
MATERIAL	PRD'D.	DATE	NEXT HIGHER ASSY.	
FINISH	SCALE	SHEET	SIZE CODE	NUMBER
	OF 6	DIST.	DCS	M847-0-1
				REV. M

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

ENGINEERING SPECIFICATION

DATE 12/10/71

TITLE M18-E PDP8/E BOOTSTRAP LOADER

REVISIONS

REV	DESCRIPTION	CHG NO	ORIG	DATE	APPD BY	DATE
A	ECO CHANGE	M18E 00003	KENT	3/73	<i>[Signature]</i>	5/16/73

ENG	<i>[Signature]</i>	APPD	<i>[Signature]</i>	SIZE	CODE	NUMBER	REV
	Esser			A	SP	M18-E-1	A

DEC FORM NO. 107
DRA 108

1 OF 3

ENGINEERING SPECIFICATION

TITLE M18-E PDP8/E BOOTSTRAP LOADER

CONTINUATION SHEET

1.0 Overall Description

The M18-E option is a bootstrap loader for the PDP8/E. It automatically initializes the system, loads a Memory Address, a Field Address, deposits 32 words sequentially into memory, then loads a new Memory Address, the same Field Address and starts the 8/E.

The loading of the Memory Address, Field Address, 32 words, and the new Memory Address, are all encoded by the clipping or insertion of diodes and jumpers. Removing a diode or jumper, in any case, place a "1" on the bus for that particular address or word.

The M18-E has been encoded for several versions of bootstraps. These versions are designated as i.e. M18-EA, M18-EC, M18-ED, M18-EF and so on. The documentation concerning these variations is available in the M18-E or M847 print set (Reproduction).

2.0 General Description

2.1 Definition of Basic System

- A. One M847 module

2.2 List of Included Options

Option	Designation
M18-E	Unencoded
M18-EA	Paper Tape
M18-EC	DECTape
M18-ED	REF
M18-EE	Typeaset
M18-EF	EDU Sys. Low
M18-EG	EDU Sys. High
M18-EH	TD8-E
M18-EJ	RK8-E
M18-EK	CR8-F (DC72 FIELD 1)
	Mechanical Packaging
	A. 8½" by 10½" Quad board

DEC FORM NO 16-1022 DRA 108	SIZE	CODE	NUMBER	REV
	A	SP	M18-E-1	A

SHEET 2 OF 3

ENGINEERING SPECIFICATION

TITLE M18-E PDP8/E BOOTSTRAP LOADER

CONTINUATION SHEET

2.4 Environmental Specifications

- A. Temperature: 32° to 130°F (0° to 55°C)
- B. Humidity: Maximum 90% Rel. No condensation.
- C. Power: +5 @ 710 ma
-15 @ 32 ma

2.5 General Performance Specification

Refer to 1971 and 1972 Small Computer Handbook

3.0 Specification of Vendor Supplied Equipment

Refer to Purchase Specification for component in question.

4.0 Programming

- A. Non-programmable

5.0 Interface Specifications

Interfaces to the OMNIBUS.

6.0 RELATED MODULES

In addition to the SW switch on the 8 console, the M18-E can be started using a G753 Initialize Module and a suitable external switch. These are not supplied with or necessary for operation of the M18-E.

DEC FORM NO 16-1022
DRA 108

SHEET 3 OF 3

ENGINEERING SPECIFICATION

DATE 2/29/72

TITLE MI8-E TEST PROCEDURE

REVISIONS

REV	DESCRIPTION	CHG NO	ORIG	DATE	APPD BY	DATE

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ENGINEERING SPECIFICATION

CONTINUATION SHEET

TITLE MI8-E TEST PROCEDURE

A. Purpose:

To define the procedure in testing an MI8-E Bootstrap Loader.

B. Test Hardware:

1. A PDP8/E computer (4K)
2. ASR-33 Teletype
3. M847 to be tested

C. Test Software:

Maindec-8E-DLIB

D. Test Procedure:

1. Make sure M847 has latest ECO installed.
2. Check for date, code, and ECO Rev letter (stamps on module handle).
3. Check for obvious Q.C. violations of module.
4. Install M847 to be tested in PDP8/E.
5. Load Maindec-8E-DLIB via Binary Loader. Refer to Diagnostic document for starting procedure.
6. Run the MI8-E for the minimum of five passes.
7. Run MI8-E under heat for thirty minutes. During the thirty minute duration, run MI8-E for another five passes using the Maindec program. Run at 130°F.
8. MI8-E is considered accepted after running the above procedure correctly.

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SIZE A	CODE SP	NUMBER MI8-E-3	REV
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DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

ENGINEERING SPECIFICATION

DATE 2/29/72

TITLE MI8-E ACCEPTANCE PROCEDURE

REVISIONS

REV	DESCRIPTION	CHG NO	ORIG	DATE	APPD BY	DATE

ENG Greg Esser	APPD <i>R. Williams</i>	SIZE A	CODE SP	NUMBER MI8E-4	REV
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ENGINEERING SPECIFICATION

CONTINUATION SHEET

TITLE MI8-E ACCEPTANCE PROCEDURE

A. Purpose

To define the procedure used to accept an MI8-E Bootstrap Loader for shipment.

B. Test Hardware

1. A PDP8/E computer (4K)
2. ASR-33 Teletype
3. M847 (module to be accepted)

C. Test Software

1. Maindec-8E-DLIB

D. Special Equipment

1. None

E. Procedure

1. Check to see that the latest ECO is installed on the M847 to be accepted.
2. Perform Q.C. inspection.
3. Check M847 for correct version of diodes specified on Customer Requisition.
4. Install M847 in PDP8/E test computer.
5. Load Maindec-8E-DLIB via Binary Loader. Refer to Diagnostic for Starting Procedure.
6. The MI8-E is considered accepted after running the Maindec for a minimum of ten passes.

F. Shipping Hardware

1. M847

G. Shipping Software

1. MI8-E Customer Print Set
2. Maintenance Manual
3. LIBKIT MI8-E

SIZE A	CODE SP	NUMBER MI8E-4	REV
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