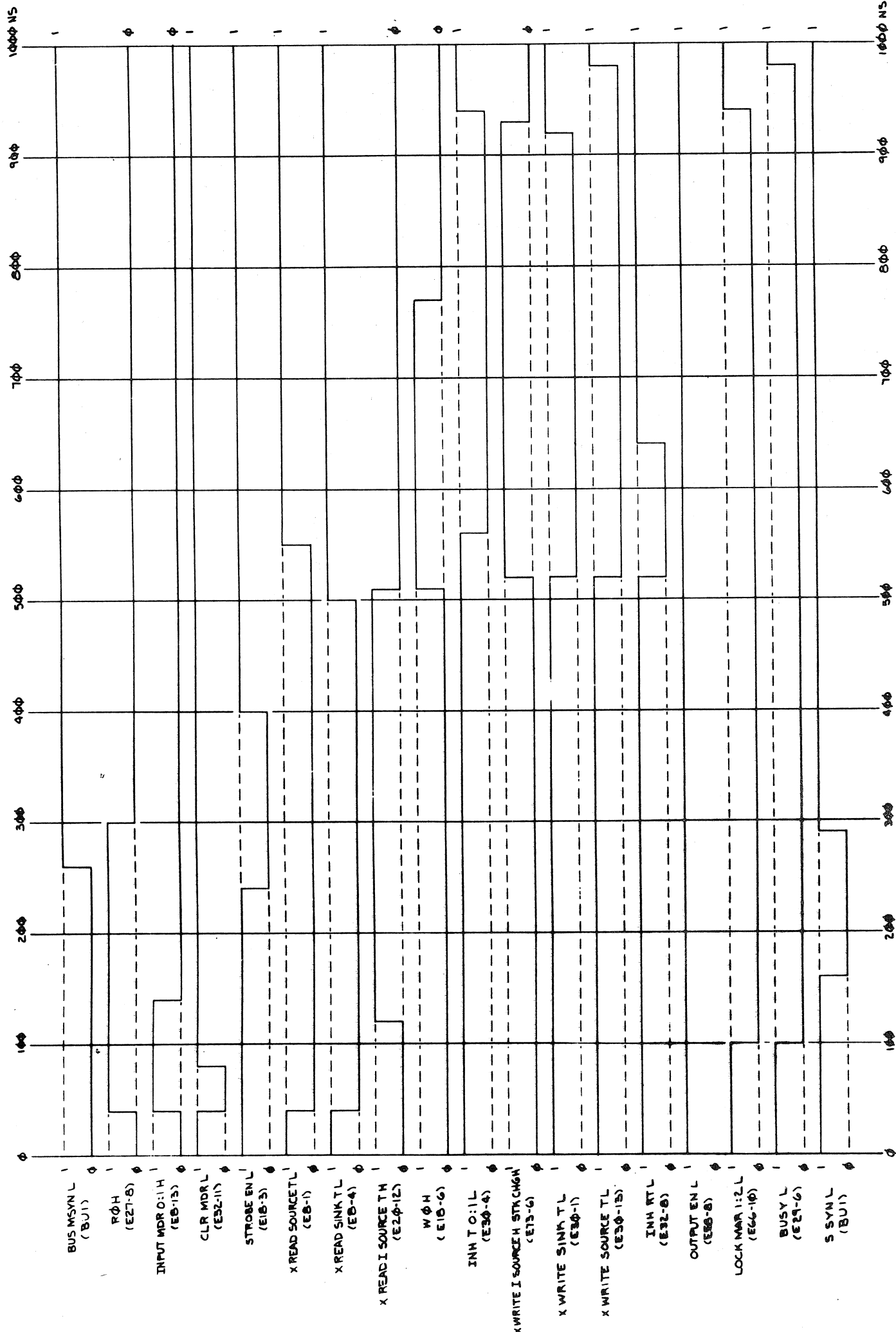


DATO

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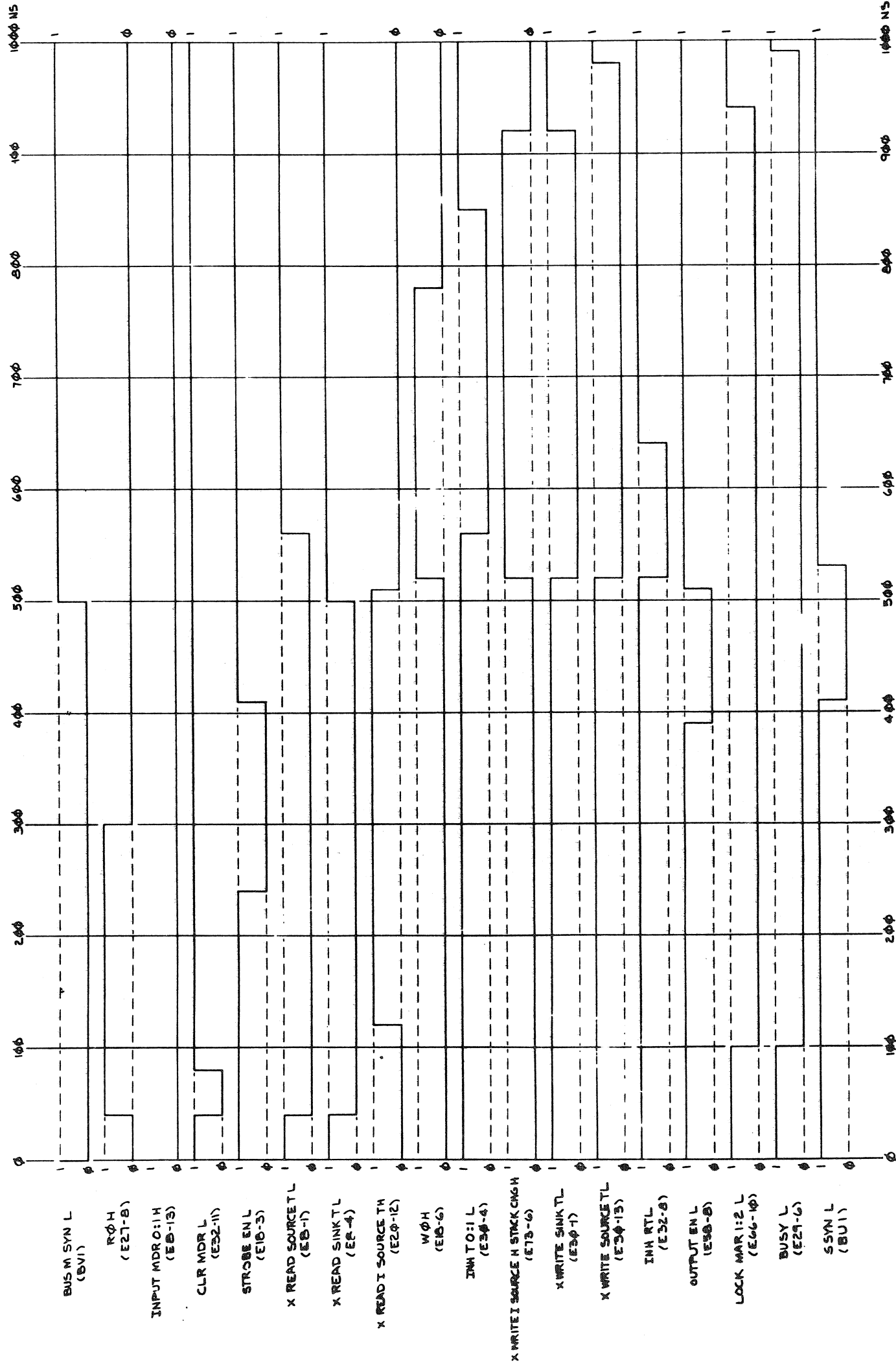


DRN. W. LUTKIN	DATE 10/27/75	FIRST USED ON MMII-DP	TITLE MMII-DP
CHKD. J. R. LUTKIN	DATE 10/27/75	SIZE CODE D	NUMBER 1
ENG. J. R. LUTKIN	DATE 10/27/75	SCALE 1 OF 2	REV. 1
PROD. ENG. J. R. LUTKIN	DATE 10/27/75	SHEET 1 OF 2	REV. 1
PROD. & Q. M. L. LUTKIN	DATE 10/27/75	SHEET 1 OF 2	REV. 1
NEXT HIGHER ASSY.			
B-DD-MMII-DP			
SCALE			
SHEET			

REV. 1	CHANGE NO.	DATE
1		

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DATA



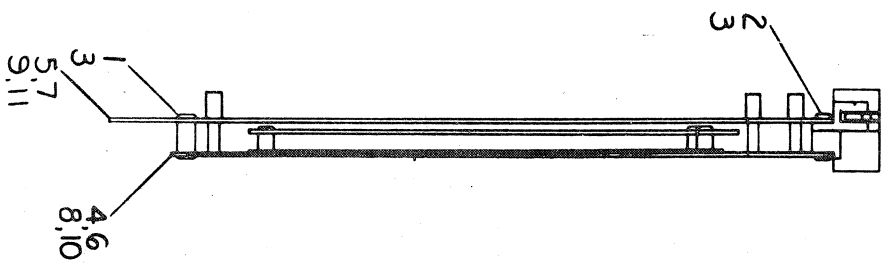
REV	CHG	NO	REV

TITLE	REV
MMII-DPTIMING DIAGRAM DTD	MMII-DP-2
SCALE	SHEET 2 OF 2

1	2	3	4	5	6	7	8
---	---	---	---	---	---	---	---

NOTE:

1. MM1-DP MEMORY MODULE ASSEMBLY (16K X 8 BIT) MAY BE SUBSTITUTED FOR MM1-D MODULE ASSEMBLY (6K X 16 BIT).
2. G652-Y/VS WILL NOT OPERATE WITH H222'S.
3. H222-YA'S & YB'S WILL NOT OPERATE WITH G652'S.



FORM	DATE	REVISION	APP.
D	UA	MMII-DP-0	A

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CUSTOMER PRINT SET INDEX

Source

LL

QUESTIONS

THIS IS PRINT SET

PRINT SET

[illegible]

REVIEWS	CHG. NO.	REV	A	B
			H222-1	H222-2

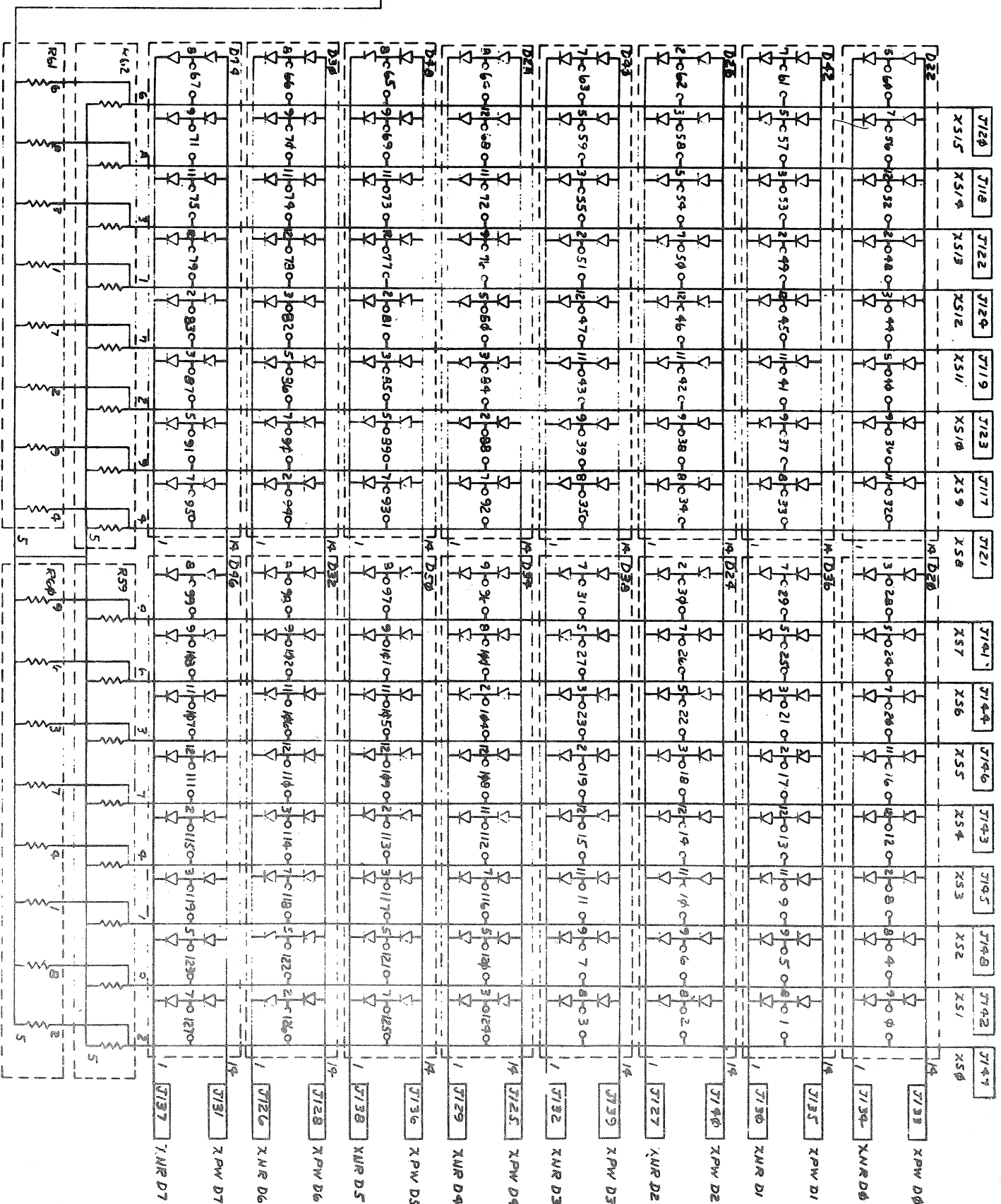
DRB 106

175

[illegible]

X^{II} DIODE MATRIX

9741	555
555	9741



SCALE	16K X 16, 18	DATE	02/23/00	REV.	
TITLE	MEMORY STACK	NUMBER	DCS 5411554-0-1		
PROJECT	2 OF 3	CUST.			

178

THIS DRAWING AND SPECIFICATIONS, AS WELL AS THE
MATERIAL, ARE TO BE USED IN THE CONSTRUCTION OF THE
UNIT. THE UNIT IS TO BE CONSTRUCTED IN ACCORDANCE
WITH THE DRAWING AND SPECIFICATIONS, AND THE
UNIT IS TO BE TESTED IN ACCORDANCE WITH THE
TESTING INSTRUCTIONS.

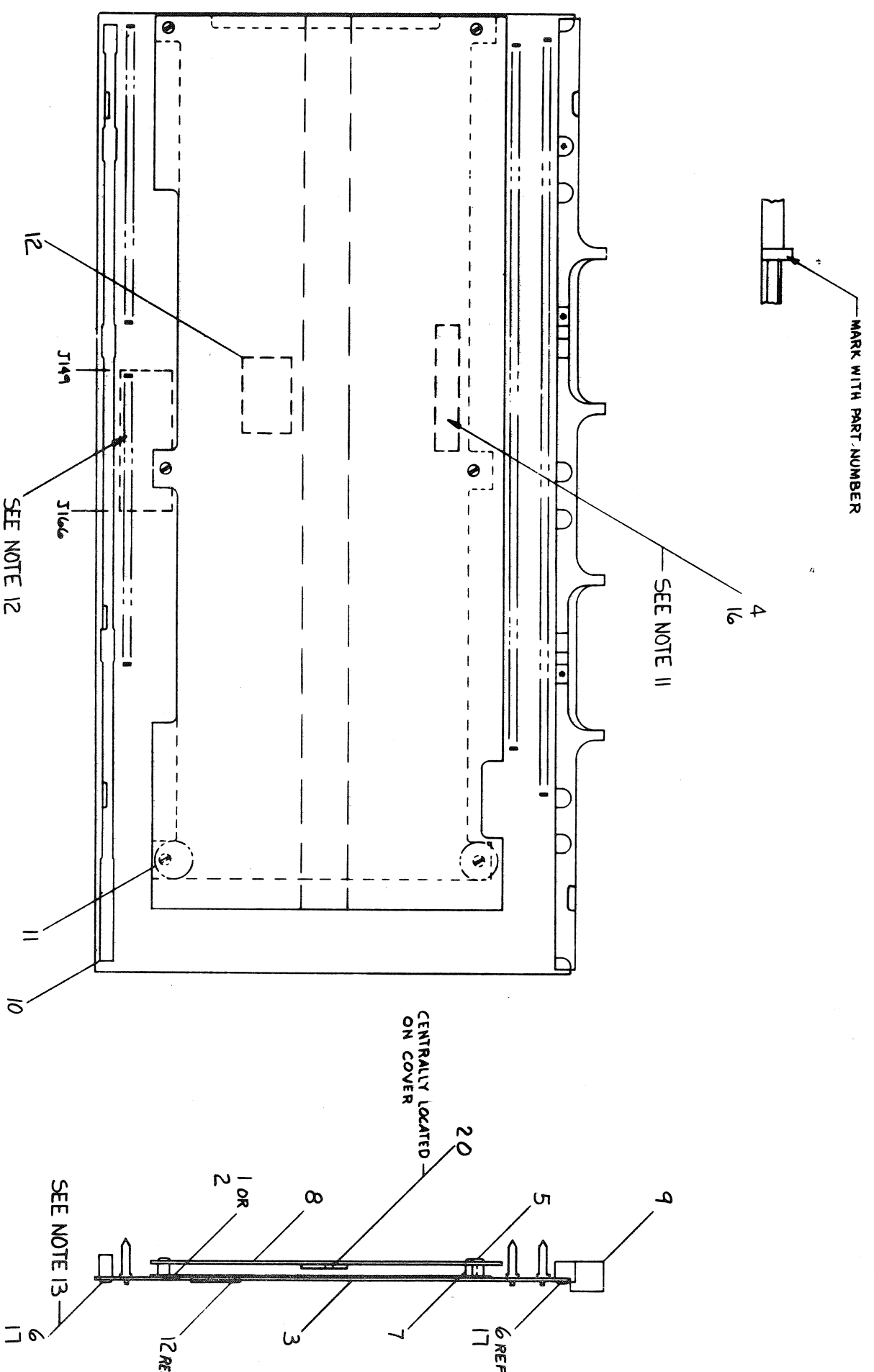
8 7 6 5 4 3 2 1

NUMBER	VARIATION	USED ON
H222-YA	H222 A	MMII-DP
H222-YB	H222 B	MMII-D

LEGEND

NOTES:

1. BOND ITEM 1 (CORE PLANE) TO ITEM 3 (STACK BOARD) WITH ITEM 14 (ADHESIVE).
2. SWAGE ITEM 1 (CORE PLANE) AND ITEM 3 (STACK BOARD) TOGETHER WITH ITEM 7 (STANDOFF).
3. USE ITEM 15 (PROTECTIVE COATING) AFTER ELECTRICAL TEST. (REF E-1A-7011641-0-0)
4. BOND TWISTED CABLES TO ITEM 1 (CORE PLANE) WITH ITEM 13 (ADHESIVE). SEE E-1A-7011641-0-0.
5. BOND KEY DRIVE LOOPS IN PLACE WITH ITEM 13 (ADHESIVE). SEE E-1A-7011641-0-0 NOTES.
6. REFER TO E-1A-7011641-0-0 WHEN SOLDERING WIRE TERMINATIONS TO ITEM 3 (STACK BOARD).
7. ASSEMBLE ITEMS 9 & 10 (STIFFENERS) TO ITEM 3 (STACK BOARD) USING ITEMS 6 & 17.
8. ATTACH ITEM 12 (COVER) TO ITEM 3 (STACK BOARD) USING ITEM 15 (ADHESIVE).
9. APPLY ITEM 11 (WARRANTY SEAL) WHERE SHOWN.
10. APPLY ITEM 12 (NAME PLATE) TO SIDE 2 OF ITEM 3 (STACK BOARD) AS SHOWN.
11. MARK ITEM 3 (STACK BOARD) ON SIDE 2, WITH DEC PART NUMBER, SEQUENTIAL SERIAL NUMBER, AND CIRCUIT SCHEMATIC REVISION USING ITEM 14 (INK) AND ITEM 16 (EPOXY). EXAMPLE: H222-N-001-CS-B-1.
12. TRIM AMP POSTS AND COMPONENT LEADS TO BE .06 IN THIS AREA OF SIDE 2.
13. INSTALL ITEM 17 (LOCKWASHER) TORQUE HAND TIGHT.



REF CORNER

CHK	REV
H-222-00002	A
H-222-00003	B
H-222-00004	C

DESIGNED BY	D. SMELSER
DATE	12/14/77
CHECKED BY	D. SMELSER
DATE	12/14/77

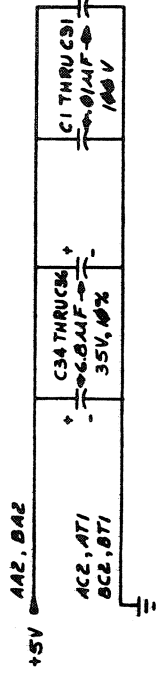
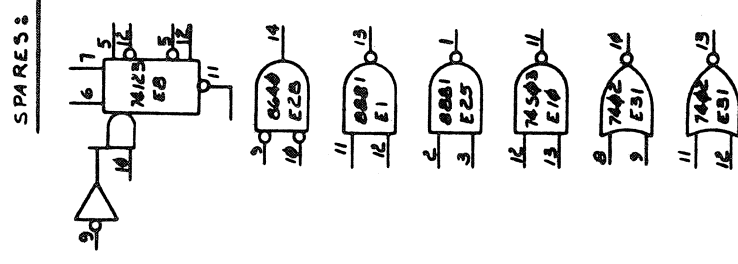
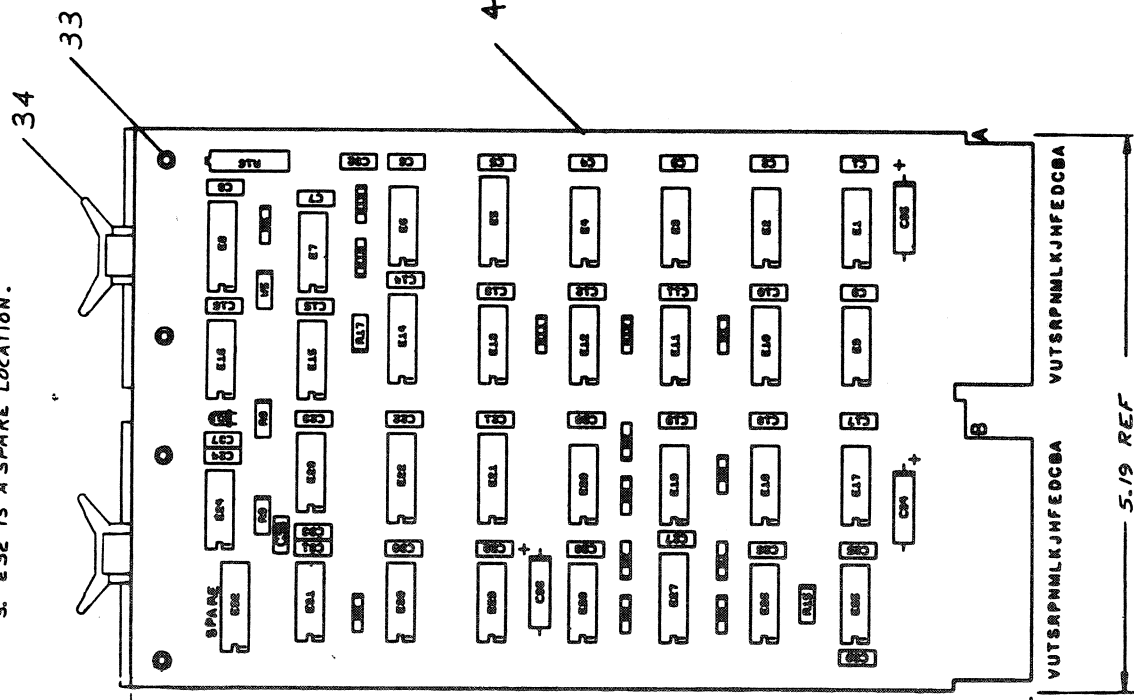
QTY	DESCRIPTION	ITEM NO.
1	TAPE FOAM ADHESIVE (RTV 3145)	1
1	CORE PLANE WIRING ASSY E-1A-7011641-3-0	2
1	CORE PLANE WIRING ASSY E-1A-7011641-3-0	3
1	WASHER LOCK W/ INT TOOTH 4006631-00	4
1	EPOXY 4901082-00	5
1	PROTECTIVE COATING (F145) 4901083-00	6
1	ADHESIVE (RTV 3145) 4901084-00	7
1	NAME PLATE 4901085-00	8
1	WARRANTY SEAL 4901086-00	9
1	STIFFENER, FINGER END D-PS-1211125-0-0	10
1	STIFFENER, HANDLE END D-PS-1211126-0-0	11
1	COVER D-MD-5511171-0-0	12
1	STANDOFF .25 DIA X .19 LG 9009637-00	13
1	SCR PUL PANHD SS #2-56 X .19 9006000-01	14
1	SCR SLT BMDHD NYLON #4-40 X .19 9009233-04	15
1	ADHESIVE (RTV 3145) 4901084-00	16
1	WARRANTY SEAL 4901086-00	17
1	CORE PLANE WIRING ASSY E-1A-7011641-1-0	18
1	CORE PLANE WIRING ASSY E-1A-7011641-1-0	19

QTY	DESCRIPTION	ITEM NO.
1	TAPE FOAM ADHESIVE (RTV 3145)	1
1	CORE PLANE WIRING ASSY E-1A-7011641-3-0	2
1	CORE PLANE WIRING ASSY E-1A-7011641-3-0	3
1	WASHER LOCK W/ INT TOOTH 4006631-00	4
1	EPOXY 4901082-00	5
1	PROTECTIVE COATING (F145) 4901083-00	6
1	ADHESIVE (RTV 3145) 4901084-00	7
1	NAME PLATE 4901085-00	8
1	WARRANTY SEAL 4901086-00	9
1	STIFFENER, FINGER END D-PS-1211125-0-0	10
1	STIFFENER, HANDLE END D-PS-1211126-0-0	11
1	COVER D-MD-5511171-0-0	12
1	STANDOFF .25 DIA X .19 LG 9009637-00	13
1	SCR PUL PANHD SS #2-56 X .19 9006000-01	14
1	SCR SLT BMDHD NYLON #4-40 X .19 9009233-04	15
1	ADHESIVE (RTV 3145) 4901084-00	16
1	WARRANTY SEAL 4901086-00	17
1	CORE PLANE WIRING ASSY E-1A-7011641-1-0	18
1	CORE PLANE WIRING ASSY E-1A-7011641-1-0	19

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NOTES:

1. ALL RESISTORS 1/4 W, 5% UNLESS OTHERWISE NOTED.
ALL CAPACITORS ARE 100V, 20% UNLESS OTHERWISE NOTED.
2. JUMPER CONTROL OPERATIONS AS FOLLOWS:
W1 THRU W4 SELECT CSR ADDRESS, W5 CAPACITOR
FOR 5 SYN DIV, NOT USED.
3. E32 IS A SPARE LOCATION.



IC TYPE	QND	+BY
314A	1	8
7485	8	16
74123	8	16
74174	8	16
8266	8	16
8640	1	8

QND AND BY ARE USUALLY PM 7 AND 14
RESPECTIVELY EXCEPTS ARE STATED ABOVE

IC PM LOCATIONS

CHRG	CHARGE NO.	REV.
28	100001-07850	B
MAY 13 1975		
J. MANTON		
MAY 13 1975		

[illegible][illegible]

REF	CIRCUIT SCHEMATIC	D-CSI-M7850-0-1
REF	X-Y COORDINATE HOLE LOCATION	K-CO-M7850-0-4
REF	ASSY/DRAWING HOLE LAYOUT	D-AH-M7850-0-5
REF	MODULE ECO HISTORY	B-MH-M7850-0-6
1	ETCHED CIRCUIT BOARD	5010661-00 4
1	CAP 470 PF, 100V, 5% (DM)	100002A-00 5
2	CAP 330 PF, 100V, 5% (DM)	1000023-00 6
3	CAP .01UF, 100V, 10% DISC	1001610-01 7
1	DIODE, LED.	1005306-00 8
5	RES 4.7K 1/4W 5%	110324-00 9
3	RES 100 1/4W 5%	1300147-00 10
5	RES 470 1/4W 5%	1300229-00 11
1	RES 1K 1/4W 5%	1300316-00 12
1	RES 10M 3/4W 20% (MAGENTA)	1300365-00 13
1	I.C. 7400	1303143-10 14
1	I.C. 7430	1905573-00 15
1	I.C. 7402	1905578-00 16
1	I.C. 314A	1909004-00 17
1	I.C. 7408	1909704-00 18
4	I.C. 8081	1910153-00 19
1	I.C. 74H04	1909705-00 20
1	I.C. 74B5	1909931-00 21
1	I.C. 74123	1910224-00 22
1	I.C. 74503	1910436-00 23
1	I.C. 74574	1910533-00 24
1	I.C. 74174	1910544-00 25
2	I.C. 74157	1910652-00 26
9	I.C. 8640	1910655-00 27
2	I.C. 745280	1911469-00 28
1	I.C. 8266	1911573-00 29
2	I.C. 7474	1909934-00 30
4	INSULATED JUMPER	1905547-00 31
4	EYELET	9009185-00 32
2	HANDLE, FLIP-CHIP (MAGENTA)	9006732-00 33
		9008337-00 34

PARTS LIST

QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
ETCH BOARD REV.	A			

TITLE

PARITY MODULE

DATE: 12/3/25
 BY: [Signature]
 CHECKED: [Signature] DATE: 12/17/25
 APPROVED: [Signature] DATE: 12/17/25
 NEXT INSPECTION ASBY: 12/17/25

SCALE: 1" = 1"
 SHEET: 1 OF 3

DEC. NO.
 EIA NO.
CONVERSION CHART

SIZE CODE: DCS M7850-0-1
 REV.: B

MAKING ADDRESS (WORDS) 8	1/4 A 4	3/3 A 3	2/2 A 2	1/1 A 1
721100	IN	IN	IN	IN
721104	IN	IN	OUT	IN
721106	IN	IN	OUT	OUT
721110	IN	OUT	IN	IN
721112	IN	OUT	IN	OUT
721114	IN	OUT	OUT	IN
721116	IN	OUT	OUT	OUT
721210	OUT	IN	IN	IN
721212	OUT	IN	IN	OUT
721214	OUT	IN	OUT	IN
721216	OUT	IN	OUT	OUT
721310	OUT	OUT	IN	IN
721312	OUT	OUT	IN	OUT
721314	OUT	OUT	OUT	IN
721316	OUT	OUT	OUT	OUT

PM3 CLK ADPS H

PM3 CLK CSR H

PM3 INIT L

PM3 D00 H

PM3 CLK CSR H

PM3 PAR ERR IN L

PM2 CLK ADPS H

PM2 CLK CSR H

PM2 INIT L

PM2 D00 H

PM2 CLK CSR H

PM2 PAR ERR IN L

PM1 CLK ADPS H

PM1 CLK CSR H

PM1 INIT L

PM1 D00 H

PM1 CLK CSR H

PM1 PAR ERR IN L

ETCH CUT, SIGNAL NOT USED

DATIP CLR PAUSE L

TITLE	SIZE/CODS	MANAGER	REV.
PARITY MODULE (PM2)	DCS	M7850-0-1	8
SCALE 1/4" = 1'	SHEET 2 OF 3	DIST.	

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS										PARTS LIST										
MADE BY M. Poirier					CHECKED <i>J. Davidson</i>					SECTION										
DATE 7/7/75					DATE 7/7/75					ISSUED SECT.										
ENG <i>22 Smith</i>					PROD R A Hild					DATE 7/14/75										
DATE 7/14/75																				
ITEM NO.	DWG NO. / PART NO.	DESCRIPTION								QTY	REFERENCE DESIGNATIONS									
1	D-CS-5411554-0-1	CIRCUIT SCHEMATIC								REF										
2	D-AH-5411554-0-5	ASSY/DRILLING HOLE LAYOUT								REF										
3	B-MH-5411554-0-6	MODULE ECO HISTORY								REF										
4	5011493	ETCHED CIRCUIT BOARD								1										
5	1000026-00	CAP 680 PF 100V 5% DM								2	C5,C7									
6	1001610-01	CAP .01UF 100V CER								5	C1,C3,C6,C9,C20									
7	1010274-00	CAP .22UF 50V CER								3	C4,C8,C2									
8	1105275-00	DIODE D672								44	D2-D15,D17,D19,D21,D23,D25,D27									
											D29,D31,D33,D35,D37,D39,D41,									
											D43,D45,D47,D49,D51,D53,D55,D59									
											D61,D63,D65,D67,D69,D71,D73,D74									
											D75									
9	1109990-00	DIODE,ZENER 1N757A 9.1V 5%								1	D1									
10	7010918-3-0	DIODE NETWORK								2	D16,D18									
11	1910010-00	DIODE PACK 2501								24	D20,D22,D24,D26,D28,D30,D32,D34									
											D36,D38,D40,D42,D44,D46,D48,D50									
											D52,D54,D56,D58,D60,D62,D64,D66									
12	1300229-00	RES 100 1/4W 5%								3	R13,R15,R17									
13	1301775-00	RES 820 1/4W 5%								1	R1									
14	1304862-00	RES 1.62K 1/8W 1%								1	R4									
15	1302871-00	RES 1.21K 1/8W 1%								1	R3									
16	1304833-00	RES 1.96K 1/8W 1%								1	R12,									
TITLE		16K x 16, 18 MEMORY STACK								ASSY NO. D-UA-5411554-0-0	SIZE A	CODE PL	NUMBER 5411554-0-0				REV. D	ECO NO. 00002		
										SHEET 1	OF 2		DIST.							

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

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS										PARTS LIST										QUANTITY / VARIATION									
MADE BY		M. Poirier		CHECKED		P. Poirier		SECTION																					
DATE		7/7/75		DATE		7/7/75		ISSUED SECT.																					
ENG		D. Anglin		PROD		R. A. Hill																							
DATE		7/14/75		DATE		7/14/75																							
ITEM NO.	DWG NO. / PART NO.			DESCRIPTION			QTY			REFERENCE DESIGNATIONS																			
17	1303045-00			RES 3.16K 1/4W 1%			1			R2																			
18	1300479-00			RES 10K 1/4W 5%			1			R16																			
19	1303312-00			RES 10K 1/8W 1%			1			R5																			
20	1300316-00			RES 470 1/4W 5%			1			R11																			
21	1303155-00			RES 21.5K 1/8W 1%			1			R6																			
22	1302396-00			RES 150K 1/4W 5%			2			R8, R9																			
23	1301781-00			RES 82 1/2W 5%			1			R56																			
24	1300202-00			RES 47 1/4W 5%			2			R54, R55																			
25	1300365-00			RES 1K 1/4W 5%			37			R18-R53, R7																			
26	1310071-00			RES 1K 1% THERMISTOR			1			R14																			
27	1311742-00			RES NETWORK 220 1/4W 1%			6			R57-R62																			
28	1503366-00			TRANS 2N3736			4			Q2-Q5																			
29	1503409-01			TRANS 6534B			1			Q1																			
30	1610662-00			INDUCTOR 100UH			2			L1, L2																			
31	1910298-00			I.C. 72741			1			E1																			
32	1910546-00			I.C. 74S140			1			E2																			
33	1211727-00			CONTACT, MALE			179			J1-J179																			
34	9309185-00			JUMPER, INSULATED (.4 LONG)			1			W5																			
35	9107520-01			JUMPER, BUSS WIRE (#22 AWG)			4			W1-W4 (OPTIONAL)																			
36	9006735-00			EYELET (SPLIT LUG)			4																						
37	1305114-00			RES 3.48K 1/8W 1%			1			R10																			
TITLE										SIZE CODE		NUMBER		REV. ECO NO.															
16K x 16, 18 MEMORY STACK										A PL		5411554-0-0		D															
DEC FORM DEC 16-(325) 1031-N870 GRA										DIST.		SHEET 2 OF 2																	