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UNIT VARIATIONS

VAR	TITLE
VS11-AA	UNIBUS VIDEO GRAPHICS, 120V/60HZ
VS11-AB	UNIBUS VIDEO GRAPHICS, 240V/50HZ
VS11-AC	VS11-AA W/SECOND FRAME BUFFER
VS11-AD	VS11-AB W/SECOND FRAME BUFFER
VS11-AE	VS11-AA W/12" B/W MONITOR & KEYBOARD
VS11-AF	VS11-AB W/12" B/W MONITOR & KEYBOARD
VS11-AH	VS11-AE W/SECOND FRAME BUFFER
VS11-AJ	VS11-AF W/SECOND FRAME BUFFER
VS11-AP	VS11-AA W/19" COLOR MONITOR & KEYBOARD
VS11-AR	VS11-AB W/19" COLOR MONITOR & KEYBOARD
VS11-AS	VS11-AP W/SECOND FRAME BUFFER
VS11-AT	VS11-AR W/SECOND FRAME BUFFER
VS11-BA	VS11-AA EXCEPT DW11-EK
VS11-BB	VS11-AB EXCEPT DW11-EK
VS11-BC	VS11-AA EXCEPT DW11-A & TEV11
VS11-BD	VS11-AB EXCEPT DW11-A & TEV11

REVISIONS	CHANGE NO.	REV.
	VS11-N0001	B
CHK	<i>[Signature]</i>	

USED ON OPTION/MODEL	VS11	DRN.	<i>[Signature]</i>	DATE	19-AUG-80	TITLE	VS11 digital		
		CHK'D.	<i>[Signature]</i>	DATE	19-AUG-80	UNIT ASSY			
		PROJ. ENG.	<i>[Signature]</i>	DATE	22 AUG 80	SIZE	CODE	NUMBER	REV
		PROD.	<i>[Signature]</i>	DATE	20 AUG 80	B	DD	VS11-Ø	B
SHEET	1	OF	2	DIST.					

ITEM NO.	DRAWING NO.	DESCRIPTION	TYPE	ITEM NO.	DRAWING NO.	DESCRIPTION	TYPE
1	MP01102	FIELD MAINTENANCE PRINT SET (MT)	-				
	B-TC-VS11-0-1	FIELD MAINT. PRINT SET	-	4	B-DD-TEV11-0	DRAWING DIRECTORY	-
	D-UA-VS11-0-0	VS11 UNIT ASSY	E/M		A-PL-TEV11-0-0	PARTS LIST	-
	B-PL-VS11-0-0	PARTS LIST	-				
	B-PL-VS11-0-2	SHIPPING LIST	-				
	D-IA-7016030-0-0	HARNESS ADAPTOR DDV11-CK-Ball-P/F	E/M				
2	B-DD-VSV11-0	DRAWING DIRECTORY	-				
	D-UA-VSV11-0-0	VSV11 UNIT ASSY	E/M				
3	B-DD-DW11-0	DRAWING DIRECTORY	-				
	A-PL-DW11-0-0	PARTS LIST	-				

TYPE E ELECTRICAL
 M MECHANICAL
 E/M ELECTRO-MECHANICAL

digital

TITLE
VS11 UNIT ASSY

SHEET 2 OF 2

SIZE CODE
B DD

NUMBER
VS11-0

REV
B

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FIELD MAINTENANCE PRINT SET

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TABLE OF CONTENTS

E-TC-VSV11-0-1	FIELD MAINTENANCE PRINT SET
B-DD-VSV11-0	DRAWING DIRECTORY
D-UA-VSV11-0-0	VSV11 UNIT ASSY
B-PL-VSV11-0-0	PARTS LIST
C-IC-VSV11-0-4	VSV11 INTERCONNECTION DIAGRAM
B-DD-M7061-0	DRAWING DIRECTORY
D-UA-M7061-0-0	SYNC GEN CURSOR CONTROL
K-PL-M7061-0-DBP	PARTS LIST
D-CS-M7061-0-1	SYNC GEN CURSOR CONTROL
B-DD-M7062-0	DRAWING DIRECTORY
D-TA-M7062-0-0	IMAGE MEMORY
K-PL-M7062-0-DBP	PARTS LIST
D-CS-M7062-0-1	IMAGE MEMORY
B-DD-M7064-0	DRAWING DIRECTORY
D-UA-M7064-0-0	IMAGE PROCESSOR
K-PL-M7064-0-DBP	PARTS LIST
D-CS-M7064-0-1	IMAGE PROCESSOR
D-IA-7015622-0-0	CABLE, JOYSTICK
C-IA-7015987-0-0	CABLE, DATA
D-IA-7016830-0-0	HARNES ADAPTOR, DDV11-CK-BALL-P/F
D-IC-VSV11-0-2	VSV11 BACKPLANE INTERCONNECT
B-PL-VSV11-0-3	SHIPPING LIST (VSV11)

UNIT VARIATIONS COVERED BY THIS PRINT SET
VSV11-AA
VSV11-AB
VSV11-AC
VSV11-AD
VSV11-AE
VSV11-AF
VSV11-AH
VSV11-AJ
VSV11-AP
VSV11-AR
VSV11-AS
VSV11-AT
VSV11-SA
VSV11-SB
VSV11-SC
VSV11-SD
VSV11-SE
VSV11-SF
VSV11-SH
VSV11-MA
VSV11-BA
VSV11-BA

VSV11
Field Maintenance
Print Set

Digital Equipment
Corporation

PRINT SET PART NO. MP01103

REVISIONS	REV	CHG. NO.	DATE	USED ON OPTION/MODEL	DRN.	DATE	TITLE: VSV11 UNIT ASSY															
	B	VS11-NU001	3/6/61	VSV11	<i>[Signature]</i>	9 AUG 60	<table border="0"> <tr> <td>SIZE</td> <td>CODE</td> <td>NUMBER</td> <td>REV.</td> </tr> <tr> <td>B</td> <td>TC</td> <td>VSV11-0-1</td> <td>B</td> </tr> <tr> <td colspan="4">DIST.</td> </tr> </table>				SIZE	CODE	NUMBER	REV.	B	TC	VSV11-0-1	B	DIST.			
SIZE	CODE	NUMBER	REV.																			
B	TC	VSV11-0-1	B																			
DIST.																						
					<i>[Signature]</i>	19 AUG 60																
					<i>[Signature]</i>	20 AUG 60																
					FIELD SERV.	DATE																
					<i>[Signature]</i>	25 AUG 60																
SHEET 1 OF 1																						

REV. NUMBER
SIZE CODE
B TC

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UNIT VARIATIONS

VAR	TITLE
VSV11-AA	VIDEO GRAPHICS 120V/60Hz
VSV11-AB	VIDEO GRAPHICS 240V/50Hz
VSV11-AC	VSV11-AA W/SEC FRAME BUFFER
VSV11-AD	VSV11-AB W/SEC FRAME BUFFER
VSV11-AE	VSV11-AA W/12" B/W MONITOR & KEYBOARD
VSV11-AF	VSV11-AB W/12" B/W MONITOR & KEYBOARD
VSV11-AH	VSV11-AE W/SEC FRAME BUFFER
VSV11-AJ	VSV11-AF W/SEC FRAME BUFFER
VSV11-AP	VSV11-AA W/19" COLOR MONITOR & KEYBOARD
VSV11-AR	VSV11-AB W/19" COLOR MONITOR & KEYBOARD
VSV11-AS	VSV11-AP W/SEC FRAME BUFFER
VSV11-AT	VSV11-AR W/SEC FRAME BUFFER
VSV11-MA	IMAGE MEMORY
VSV11-SA	SYNC GEN, VIDEO CABLES
VSV11-SB	SYNC GEN, VIDEO CABLES
VSV11-SC	SYNC GEN, VIDEO CABLES, JOYSTICK CABLE
VSV11-SD	SYNC GEN VIDEO CABLES, JOYSTICK CABLE
VSV11-SE	SYNC GEN VIDEO CABLES, MULT. JS. CABLE
VSV11-SF	SYNC GEN VIDEO CABLES, MULT. JS. CABLE
VSV11-SH	SYNC GEN
VSV11-BA	VSV11-AA W DDV11-DK BACKPLANE
VSV11-BB	VSV11-AB W DDV11-DK BACKPLANE

REVISIONS	REV.	
	CHANGE NO.	VSV11-80051 B
CHK		<i>J. Kelly</i>

USED ON OPTION/MODEL	DRN.	DATE	TITLE	
VSV11	<i>Delan</i>	1986-04	VSV11	
	CHK'D	DATE	UNIT ASSY	
	<i>Delan</i>	1986-04		
	PROJ. ENG.	DATE		
	<i>J. Kelly</i>	2-11-86		
	PROD.	DATE	SIZE CODE NUMBER REV	
	<i>Delan</i>	20 APR 86	B DD VSV11-# B	
SHEET 1 OF 2			DIST.	

DRB 106A

IND. NO.	DRAWING NO.	DESCRIPTION	TYPE	DRAWING NO.	DESCRIPTION	TYPE
1	MP11111	FIELD MAINTENANCE PRINT SET (MP)	-			
	B-TC-VSV11-3-1	FIELD MAINT. PRINT SET	-			
	D-CA-VSV11-3-2	VSV11 UNIT ASSY	E/M			
	B-PL-VSV11-3-3	PARTS LIST	-			
	C-IA-7216221-2-1	CABLE DATA	E/M			
	D-IA-7216221-2-2	CABLE IDENTIF.	E/M			
	D-IA-7216231-2-1	BERNESE ADAPTOR DDV11-CK	E/M			
	D-IC-VSV11-3-3	VSV11 BACKPLANE INTERCONNECT	-	6	B-DD-VT122-2	DRAWING DIRECTORY
	A-PS-1727191-2-2	CABLE COMM. BOARD	E/M		B-PL-VT122-2-2	PARTS LIST
	A-PS-1727192-2-2	CABLE COMM. MONITOR	E/M		E-UA-VT122-2-2	VT122 UNIT ASSY
	C-IC-VSV11-3-4	VSV11 INTERCONNECTION DIAGRAM	E/M			
	B-PL-VSV11-3-3	SHIPPING LIST	-			
2	B-DD-M7261-2	DRAWING DIRECTORY	-	7	B-DD-VRV22-2	DRAWING DIRECTORY
	K-PL-M7261-2-DBP	PARTS LIST	-		B-PL-VRV22-2-2	PARTS LIST
	D-UA-M7261-2-2	SYNC GEN CURSOR CONTROL	E		D-UA-VRV22-2-2	MONITOR, COLOS. W/KEYBOARD
	D-CS-M7261-2-1	SYNC GEN CURSOR CONTROL	E			
3	B-DD-M7252-2	DRAWING DIRECTORY	-			
	K-PL-M7252-2-DBP	PARTS LIST	-			
	D-UA-M7252-2-2	IMAGE MEMORY	E			
	D-CS-M7252-2-1	IMAGE MEMORY	E			
4	B-DD-M7254-2	DRAWING DIRECTORY	-			
	K-PL-M7254-2-DBP	PARTS LIST	-			
	D-UA-M7254-2-2	IMAGE PROCESSOR	E			
	D-CS-M7254-2-1	IMAGE PROCESSOR	E			
5	B-DD-G7272-2	DRAWING DIRECTORY	-			
	B-PL-G7272-2-2	PARTS LIST	-			
	D-UA-G7272-2-2	GRANT CONTINUITY CARD	E			

TYPE: E ELECTRICAL
M MECHANICAL
E/M ELECTRO MECHANICAL



TITLE: VSV11 UNIT ASSY

SHEET 2 OF 2

SIZE CODE: B DD

NUMBER: VSV11-2

REV: B

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CONNECTION TABLE

OPTION VARIATION	FROM ITEM 7	SIGNAL NAME	TO ITEM 8	TO MONITOR
VSVII-AA, AB, AC, AD, AE, AF, AH, AJ	J1	VTIØØ OUT	P1	VIDEO IN
	J2	RSITØ IN	P2	VIDEO OUT
VSVII-AP, AR, AS, AT	J5	RED OUT	P4	RED IN
	J4	BLU OUT	P3	BLU IN
	J3	COMP. VIDEO OUT	P2	COMP. VIDEO IN (GREEN)

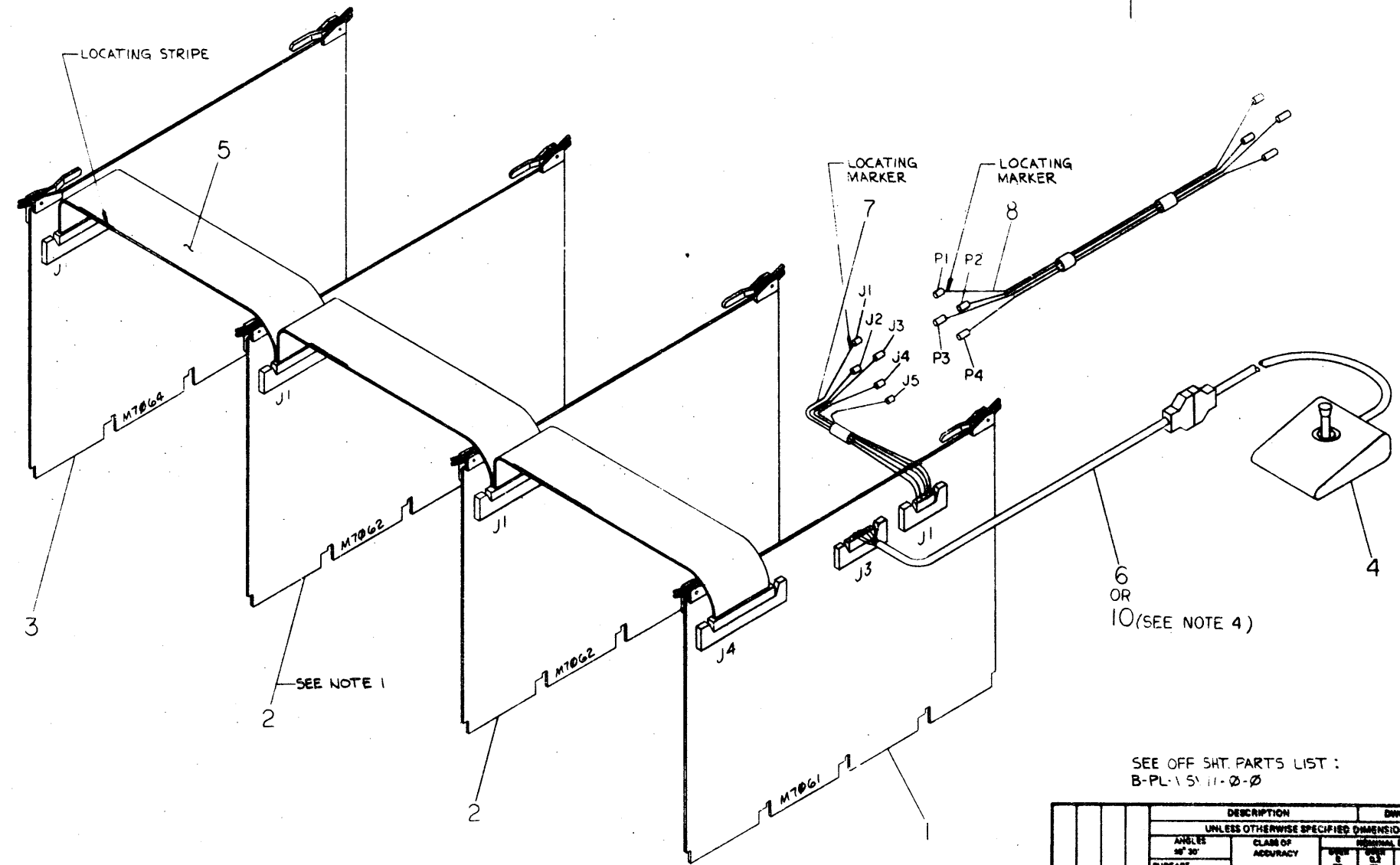
- NOTES:
1. THIS MODULE IS NOT UTILIZED IN VARIATIONS: VSVII-AA, AB, AE, AF, AP, AR.
 2. IF ONE M7Ø62 IS USED, THE M7Ø64 MUST OCCUPY SLOT 4, SINCE THE MODULES MUST OCCUPY CONTIGUOUS SLOTS.
 3. REMOVE RESISTOR PACKS E76 & E77 FROM THIS MODULE IF TWO M7Ø62'S ARE USED.
 4. ITEM 8 USED ON VARIATIONS VSVII-SZ AND VSVII-SF ONLY.

SEE NOTE 2 & 3

1	M7Ø61
2	M7Ø62
3	M7Ø62
4	M7Ø64
5	
6	
7	
8	
9	

VSVII MODULE - CONFIG. IN A H9273A BACKPLANE (NOT SUPPLIED)

1	M94Ø3	M7Ø61
2	G7272	M7Ø62
3	G7272	M7Ø64
4		
5		M94ØØ-YB
6		
7		
8		
9		



SEE OFF SHT. PARTS LIST : B-PL-VSVII-Ø-Ø

QUANTITY & VARIATION	DESCRIPTION		DWG. PART NO.		ITEM NO.
THIRD ANGLE PROJECTION REMOVE BURRS AND BREAK SHARP CORNERS DO NOT SCALE DWG. MATERIAL FINISH	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CLASS OF ACCURACY		DRN. <i>[Signature]</i> CHK'D. <i>[Signature]</i> ENG. <i>[Signature]</i> PROJ. ENG. <i>[Signature]</i> PROD. <i>[Signature]</i>
	CLASS OF ACCURACY (CHECK ONE) SURFACE QUALITY IN MICROMETRES MEDIUM PREFERRED	DIMENSIONS UP TO 13 13 TO 25 25 TO 50 50 TO 100 OVER 100	TOLERANCES FRACTIONS DECIMALS ANGLES HOLE DIA. TAP DIA. THREADS SQUARE ROOTS SLOPES SPACES	DIMENSIONS UP TO 13 13 TO 25 25 TO 50 50 TO 100 OVER 100	
DRN. <i>[Signature]</i> 1-MAY-50 TITLE VSVII UNIT ASSY MATERIAL B-DD-VSVII-Ø SCALE 1 SHEET 1 OF 1	FIRST USED ON VSVII DWT. 20-0000	NUMBER B-DD-VSVII-Ø-Ø	REV. 2	DIST.	1

DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY <i>D. Deane</i>	CHECKED <i>D. Deane</i>	SECTION
DATE <i>19-AUG-80</i>	DATE <i>19-AUG-80</i>	
ENG <i>S. Bandy</i>	PROD <i>Q & Q</i>	ISSUED SECTION
DATE <i>20-AUG-80</i>	DATE <i>20 AUG 80</i>	

QUANTITY / VARIATION

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY / VARIATION																					
				VSV11-AA	VSV11-AB	VSV11-AC	VSV11-AD	VSV11-AE	VSV11-AF	VSV11-AH	VSV11-AJ	VSV11-AP	VSV11-AR	VSV11-AS	VSV11-AT	VSV11-MA	VSV11-SA	VSV11-SB	VSV11-SC	VSV11-SD	VSV11-SE	VSV11-SF	VSV11-SH	VSV11-BA	VSV11-BB
1	D-UA-M7061-0-0	M7061	SYNC GEN CURSOR CONT ASSY	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	1	1		
2	D-UA-M7062-0-0	M7062	IMAGE MEMORY BD ASSY	1	1	2	2	1	1	2	2	1	1	2	2	1	-	-	-	-	-	-	1		
3	D-UA-M7064-0-0	M7064	PROCESSOR BD ASSY	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	1		
4	D-UA-H3060-A	H3060-A	JOYSTICK	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	1		
5	D-IA-7015987-0-0	7015987-0M	CABLE, DATA	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-	-	-	-	-	-		
6	D-IA-7015822-0-0	7015822-0	CABLE, JOYSTICK	1	1	1	1	1	1	1	1	1	1	1	-	-	-	1	1	-	-	-	1		
7		1700193-01	CABLE, COAX, PIGTAIL	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	-	1		
8		1700192-00	CABLE, COAX, MONITOR	1	1	1	1	1	1	1	1	1	1	1	-	1	1	1	1	1	1	-	1		
9																									
10	D-IA-7015822-0-0	7015822-1	CABLE, JOYSTICK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-		
11	D-IA-7016830-0-0	7016830	DDV11-CK,BALL-P/F HARNESS ADAPTER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
12	E-UA-VT100-0-0	VT100-LA	TERMINAL, VIDEO, 115V	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
13	E-UA-VT100-0-0	VT100-LB	TERMINAL, VIDEO, 240V	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-		
14	D-UA-VRV02-0-0	VRV02-BA	MONITOR, COLOR W/KEYBOARD,115V,19"	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-		
15	D-UA-VRV02-0-0	VRV02-BB	MONITOR, COLOR W/KEYBOARD,240V,19"	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-		
16	D-UA-DDV11-0-0	DDV11-DK	BACKPLANE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
17	D-IA-7015987-0-0	7015987-2D	CABLE DATA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		
18	D-UA-M9403-0-0	M9403	CONN, CABLE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		

E.C.O. NO.
VSV11-
M0001
VSV11-
M0002

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TITLE
VSV11 UNIT ASSY

ASSY NO.
D-UA-VSV11-0-0

SIZE B	CODE PL	NUMBER VSV11-0-0	REV. C
------------------	-------------------	----------------------------	------------------

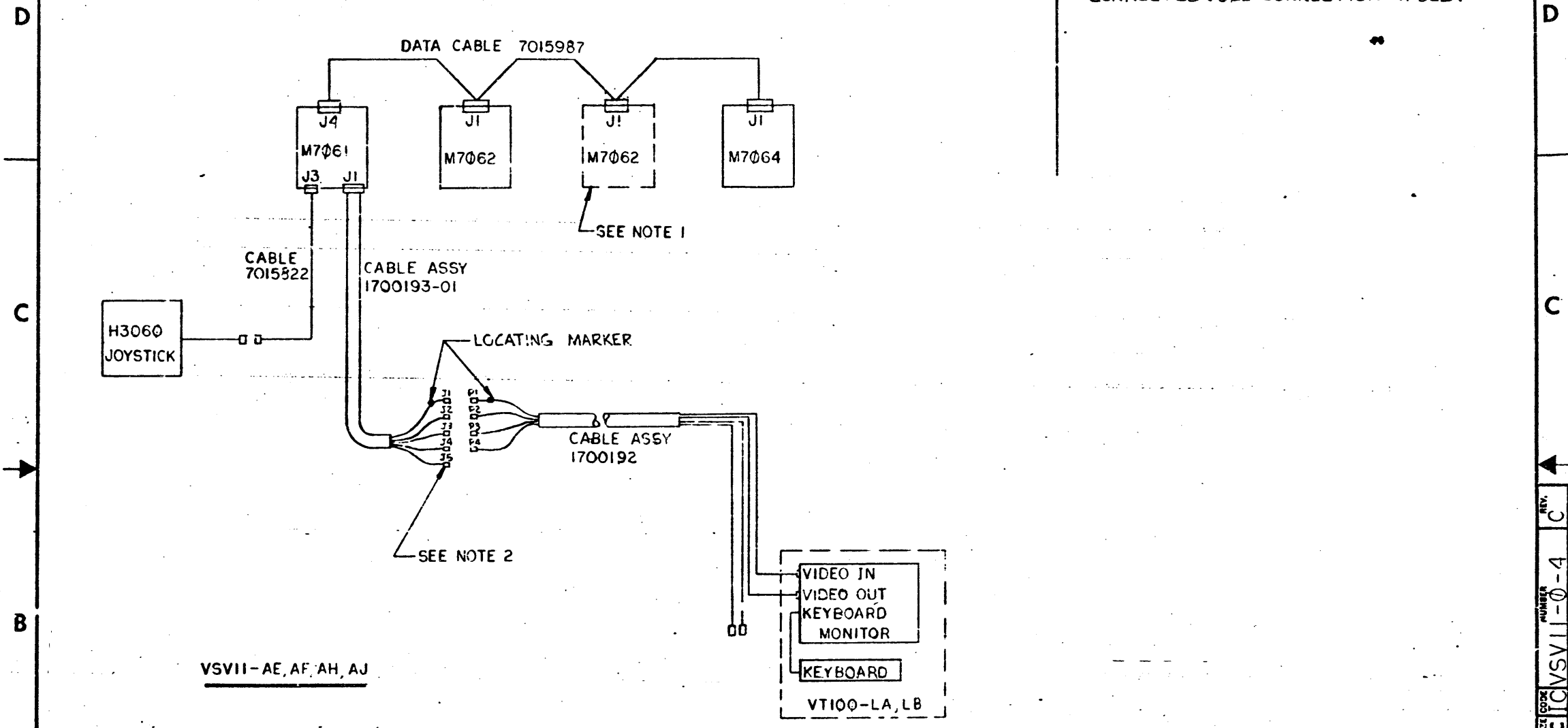
SHEET 1 OF 1

INSERTION PARTS LIST DATA BASE REV

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CONNECTION TABLE			
SIGNAL NAME	FROM	TO	TO VT100
VT100 OUT	J1	P1	VIDEO IN
RS170 IN	J2	P2	VIDEO OUT

NOTES:
 1. THIS MODULE IS NOT USED ON VARIATION VSVII-AE,AF.
 2. CONNECTORS J3,J4 AND J5 ARE NOT CONNECTED. SEE CONNECTION TABLE.



REV.	CHANGE NO.	REVISIONS
B	1	VSVII-NU001
		JIM GARASKY 3-13-81
C	2	VSVII-NU002
		MIKE WALSH 9-3-81

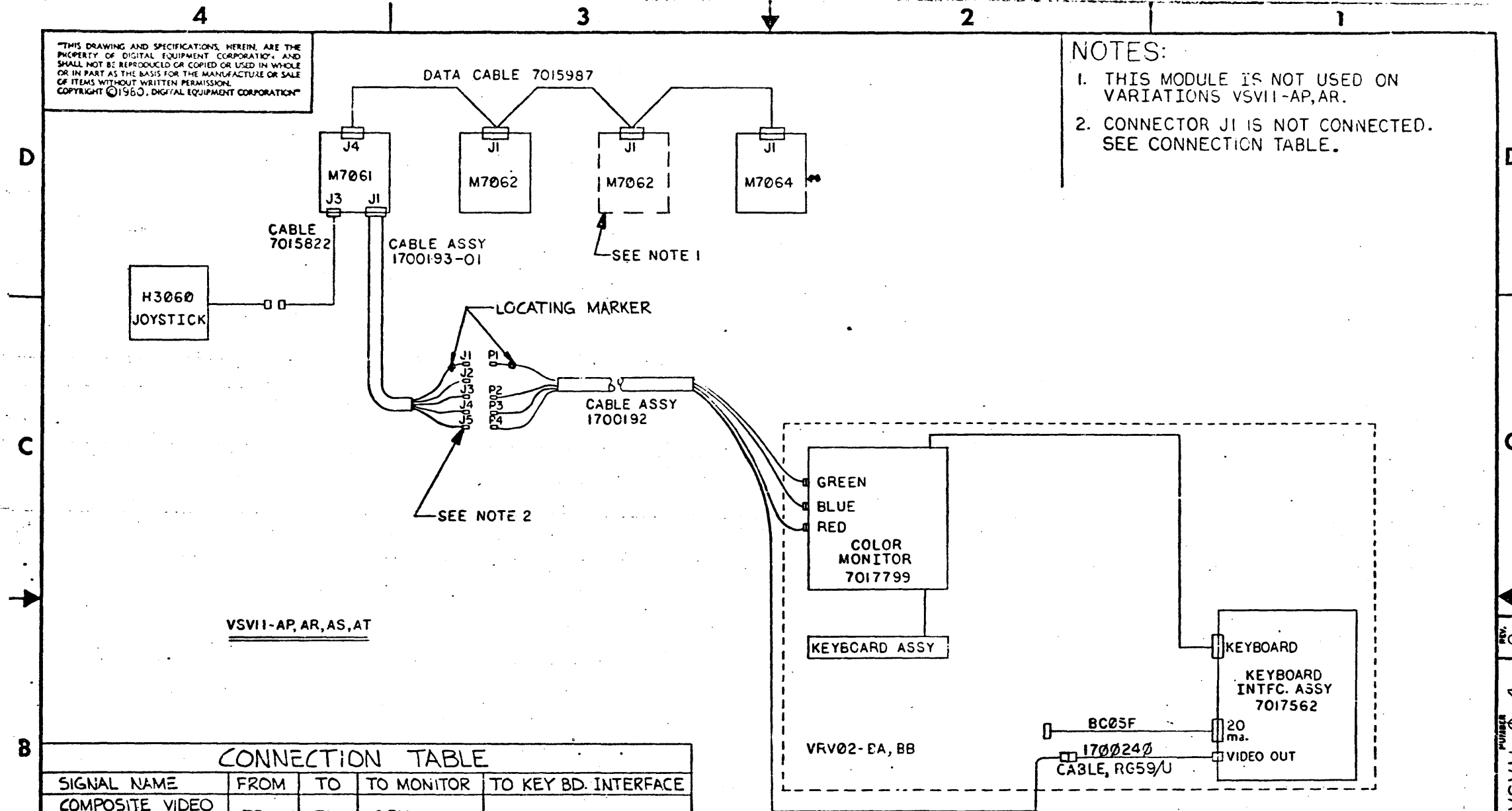
QUANTITY & VARIATION		DESCRIPTION	DWG./PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
ANGLFS ±0° 30'	CLASS OF ACCURACY (CHECK ONE)	NOMINAL DIMENSION RANGE INCHES		
SURFACE QUALITY IN MICROINCHES	MEDIUM <input type="checkbox"/>	OVER 0 TO 0.2	OVER 0.2 TO 1.2	OVER 1.2 TO 4.0
	PREFERRED <input type="checkbox"/>	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0	OVER 40.0 TO 80.0
DRN. <i>[Signature]</i>	CHK'D. <i>[Signature]</i>	ENG. <i>[Signature]</i>	PRD. <i>[Signature]</i>	FIRST USED ON
REMOVE BURRS AND BREAK SHARP CORNERS				TITLE
DO NOT SCALE DWG				VSVII digital
NEXT HIGHER ASSY.				VSVII INTERCONNECTION DIAGRAM
MATERIAL	SCALE	SHEET	SIZE CODE	NUMBER
FINISH	1 OF 2	C	ICVSVII-0-4	REV. C

REV. C
 NUMBER 4
 CODE ICVSVII-0-4

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NOTES:

1. THIS MODULE IS NOT USED ON VARIATIONS VSVII-AP,AR.
2. CONNECTOR J1 IS NOT CONNECTED. SEE CONNECTION TABLE.



CONNECTION TABLE				
SIGNAL NAME	FROM	TO	TO MONITOR	TO KEY BD. INTERFACE
COMPOSITE VIDEO (GRN)	J3	P1	GRN	-
BLU	J4	P2	BLU	-
RED	J5	P3	RED	-
RS17Ø IN	J2	P4	-	VIDEO OUT

REV.	
REVISIONS	
CHANGE NO.	
CHK	

DESCRIPTION		DWG./PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
ANGLFS ±0° 30'	CLASS OF ACCURACY (CHECK ONE)	NOMINAL DIMENSION RANGE INCHES	
SURFACE QUALITY IN MICRONS	MEDIUM <input type="checkbox"/>	OVER 0 TO 0.2	OVER 0.2 TO 1.2
	PREFERRED <input checked="" type="checkbox"/>	OVER 1.2 TO 4.0	OVER 4.0 TO 12.0
		OVER 12.0 TO 40.0	OVER 40.0 TO 80.0
		±.004	±.008
		±.012	±.016
		±.025	±.04
		±.063	±.1
THIRD ANGLE PROJECTION	DRN.	FIRST USED ON VSVII digital	
REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D	TITLE VSVII INTERCONNECTION DIAGRAM	
DO NOT SCALE DWG	ENG.	PROJECT ENGINEER	
MATERIAL	PROD.	NEXT HIGHER ASSY.	
FINISH		SCALE	SHEET 2 OF 2
		SIZE CODE	NUMBER
		C	ICVSVII-0-4
		DIST.	REV. C

REV. C
NUMBER
ICVSVII-0-4

DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS																		
				A	B	C	D	E	F	G	H	I	J	K	L	M						
D-UA-M7061-0-0	1		SYNC GEN/CURSOR CONTROL	*	A	B	C	D	E	F	G	H	J	K								
K-PL-M7061-0-DBP	4		SYNC GEN/CURSOR CONTROL	*	A	B	C	D	E	F	G	H	J	K								
D-MD-5013415-0-0	5		DRILL & ETCH DRAWING	*	A	A	A	B	B	B	B	B	B	B								
		5013415	ETCHED BOARD	C	D	D	D	E	E	E	E	E	E	E								
K-PC-M7061-0-DBC			PC DESIGN DATA BASE (M7061)	C	D	D	D	E	E	E	E	E	E	E								
D-CS-M7061-0-1	7		SYNC GEN/CURSOR CONTROL	*	INA																	
K-CS-M7061-0-DBS	8		SYNC GEN/CURSOR CONTROL	A	B	C	D	E	F	G	H	J	K									
D-EC-5013415-0-0	2		SYNC GEN/CURSOR				A	B	C	D	E	F										

NOTES:

REVISIONS		DATE	CHG NO.	REV.	*	A	B	C	D	E	F	G	H	I	J	K
		11/79	ORIG.													
		3/80	M7061		A											
		5/22	M7061-NU002		B											
		6/16	M7061-NU003		C											
		8/9	M7061-NU004		D											
		12/80	M7061-NU005		E											
		3/81	M7061-NU006		F											
		5/81	M7061-NU007		G											
		12/81	M7061-NU008		H											
			M7061-NU009		I											
					J											
					K											

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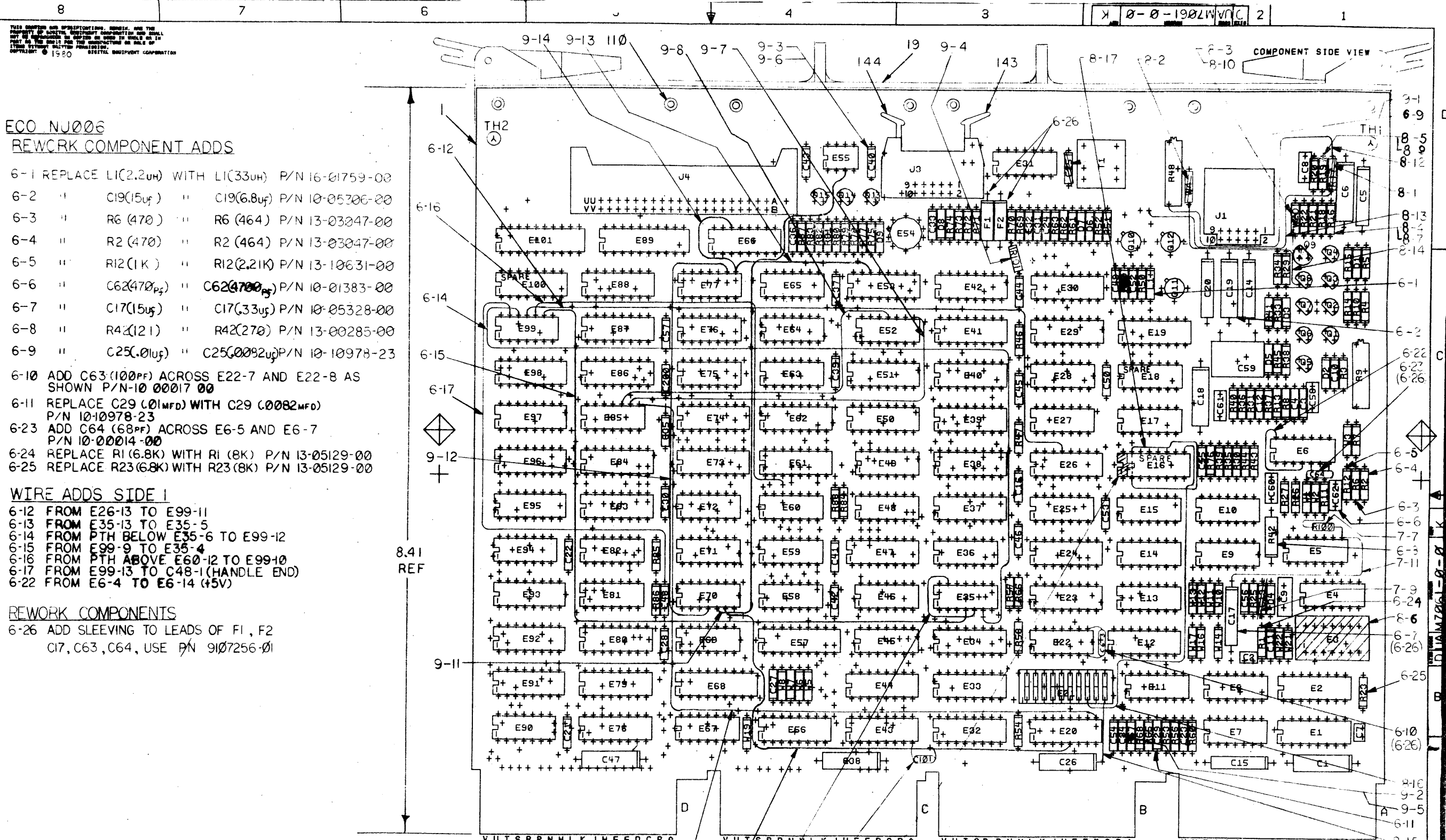


USED ON OPTION/MODEL
 VSV II

DRN.	<i>E. Vickers</i>	20 Nov 79
CHK'D	MPE MARCHAND	26 NOV 79
ENG.	ER VICKERY	26 NOV 79
PROD.	ER VICKERY	26 NOV 79

TITLE: SYNC GEN/CURSOR CONTROL

SIZE	CODE	NUMBER	REV.
B	DD	M7061-0	K
SHEET 1 OF 1			



E006
REWORK COMPONENT ADDS

- 6-1 REPLACE LI(2.2uH) WITH LI(33uH) P/N 16-01759-00
- 6-2 " C19(15uf) " C19(6.8uf) P/N 10-05306-00
- 6-3 " R6 (470) " R6 (464) P/N 13-03047-00
- 6-4 " R2 (470) " R2 (464) P/N 13-03047-00
- 6-5 " R12(1K) " R12(2.21K) P/N 13-10631-00
- 6-6 " C62(470Pf) " C62(470Pf) P/N 10-01383-00
- 6-7 " C17(15uf) " C17(33uf) P/N 10-05328-00
- 6-8 " R42(121) " R42(270) P/N 13-00285-00
- 6-9 " C25(.01uf) " C25(.0092uf) P/N 10-10978-23
- 6-10 ADD C63(100PF) ACROSS E22-7 AND E22-8 AS SHOWN P/N-10 00017 00
- 6-11 REPLACE C29 (.01mfd) WITH C29 (.0082mfd) P/N 10-10978-23
- 6-23 ADD C64 (68PF) ACROSS E6-5 AND E6-7 P/N 10-00014-00
- 6-24 REPLACE R1(6.8K) WITH R1 (8K) P/N 13-05129-00
- 6-25 REPLACE R23(6.8K) WITH R23(8K) P/N 13-05129-00

WIRE ADDS SIDE 1

- 6-12 FROM E26-13 TO E99-11
- 6-13 FROM E35-13 TO E35-5
- 6-14 FROM PTH BELOW E35-6 TO E99-12
- 6-15 FROM E99-9 TO E35-4
- 6-16 FROM PTH ABOVE E60-12 TO E99-10
- 6-17 FROM E99-13 TO C48-1(HANDLE END)
- 6-22 FROM E6-4 TO E6-14 (+5V)

REWORK COMPONENTS

- 6-26 ADD SLEEVING TO LEADS OF F1, F2
C17, C63, C64, USE P/N 9107256-01

NOTES:
1. WE-NL #7 ARE NOT SUPPLIED.

STEP	Y AXIS	STEP	TIMES
REPEAT	X AXIS	STEP	TIMES

CHG	NO	REV	REDRAWN	D	E	F	H	J	K
M7061	N0004		E.R. VICKERY						
M7061	N0005		E.R. VICKERY						
M7061	N0009		E.R. VICKERY						

SIGNATURES		DATE
DRN. (P) BARRY		4-23-80
CHK'D. M. MARCHAND		28 JUN 80
MECH. ENG. E.R. VICKERY		25 AUG 80
PROJ. ENG. E.R. VICKERY		25 AUG 80
PROD. C.R. [Signature]		28 AUG 80
ETCH REV. E-PI		

digital		TITLE
SYNC GEN/CURSOR		CONTROL
SCALE	2/1	SIZE CODE
SHT.	1 OF 2	NUMBER
NEXT HIGHER ASSY. B-DD-M7061-0		REV

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ECO NU007.7A

REWORK COMPONENT ADDS

- 7-1 REPLACE R2(464) WITH R2(432) P/N 13-16838-00
- 7-2 " R6(464) " R6(432) P/N 13-16838-00
- 7-3 " R12(2.21K) " R12(2K) P/N 13-00411-00
- 7-4 " R11(470) " R11(1K) P/N 13-03114-00
- 7-5 " C17(.33UF) " C17(.15UF) P/N 10-04812-00
- 7-6 " C62(4700PF) " C62(1000PF) P/N 10-00042-00
- 7-7 ADD R100(2.43K) BETWEEN E5-8 AND R11 AS SHOWN P/N 13-17406-00
ADD SLEEVING TO R100 LEADS P/N 91-07256-01
- 7-10 ADD C101(100PF) BETWEEN E43-8 AND PTH BELOW AND TO RIGHT OF E43-8 P/N 10-00016-00

WIRE ADDS SIDE I

- 7-11 FROM E5-8 TO HANDLE END OF C17

REWORK COMPONENT DELETES

- 7-9 DELETE C13(.01UF)

ECO NU008

REWORK COMPONENT ADDS

- 8-7 ADD AT LOC R16 (1K) P/N 13-00365-00
- 8-9 " " " R18, R19 (10K) P/N 13-00479-00
- 8-10 " " " R24 JUMPER P/N 90-09185-00 (W20)
- 8-11 ADD AT SPARE LOC E16 P/N 181160-30 (DO NOT USE PINS 1 & 16)

WIRE ADDS SIDE I

- *8-12 FROM TOP OF R17 TO R48-1 (FINGER END)
- 8-13 FROM BOTTOM OF R17 TO PTH BELOW AND LEFT OF R48 (POT)
- 8-14 FROM BOTTOM OF W4 TO PIN 2 (BASE) OF Q8
- *8-15 FROM E21-10 TO C26 POSITIVE (RIGHT) END
- *8-16 FROM E21-8 TO E16-9
- *8-17 FROM E21-11 TO E16-15

REWORK COMPONENT DELETES

- 8-1 DELETE R17 P/N 13-00365-00
- 8-2 " W4 P/N 90-09185-00
- 8-3 " R24 P/N 13-00295-00
- 8-4 " R16 P/N 13-00398-00
- 8-5 " R18, R19 P/N 13-01808-00
- 8-6 " E3 P/N 18-11660-30

*COMPONENT MUST BE REMOVED TO ADD WIRE, THEN PUT BACK IN SAME LOC.

ECO NU009

REWORK COMPONENT DELETES

- 9-1 REMOVE C25 (0082UF)
- 9-2 REMOVE C34 (.01UF)
- 9-3 REMOVE C40 (.01UF)

REWORK COMPONENT ADDS

- 9-4 ADD R101 (10K) P/N 13-00479-00
- 9-5 ADD C34 (680PF) P/N 10-00026-00
- 9-6 ADD C40 (.01UF) P/N 10-05784-00

WIRE ADDS SIDE I

- 9-7 FROM E85-9 TO E52-8
- 9-8 FROM E85-10 TO E52-11
- 9-9 FROM E85-8 TO E20-9
- 9-10 FROM E20-5 TO E70-6
- 9-11 FROM E55-3 TO E70-5
- 9-12 FROM E70-4 TO E77-9
- 9-13 FROM E77-8 TO E53-14
- 9-14 FROM E77-8 TO E66-14

REVISIONS		
CHK	CHANGE NO.	REV.

TITLE SYNC GEN/CURSOR CONTROL		SIZE CODE DUA	NUMBER M7201 317	REV. K
SCALE 2/1	SHEET 2 OF 2	DIST.		

DEC 1970

8

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MM

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
					00	
1	1	D-MD-5013415-0-0	5013415-00	SINK GEN/CURSOR CONTROL	1	
2	2		1000076-00	39 MFD 10V 10% S.TANT	2	C6,C18
3	3	K-PL-M7061-0-DBP	1001610-00	.01 MFD 50V +80-20% Z5U CER	13	C3,C4,C10,C12,C16,C23,C24,C31,
						CONT C32,C33,C48,C200,C43
4	5		1002087-00	12.0 MMF 100V 5%200PPM MICA	1	C9
5	7		1005306-00	6.8MFD 35V 10% S.TANT	3	C5,C14,C19
6	8		1010274-00	.22 MFD 50V +80-20% Z5U CER	2	C8,C58
7	9		1012784-00	.047 MFD 50V +80-20% CER	23	C11,C21,C22,C27,C28,C30,C35-C37,
						CONT C39,C41,C42,C44-C46,C49,C50,
						CONT C52-C57
8	10		1100114-00	D 664 QS\75PCB PIV= 25V SP	5	D1,D2,D3,D8,D9
9	11		1105275-00	D 672 TR= 15NS PIV= 60V SI	2	D6,D7
10	12		1109977-00	1N 749A VZ= 4.3 5%	1	D5
11	13		1110994-00	1N 751A VZ= 5.1 5% .40W	1	D4
12	14		1209941-02	HEADER 100 40POS RT ANGLE	1	J4
13	17		1209941-05	HEADER 100 10POS RT ANGLE	1	J3
14	18		1211164-06	SW,DIP 10POS/1PST 5VDC100MA F	1	E21
15	19		1213113-01	HANDLE,MODULE,	1	
16	20		1300229-00	100.0 .25 W 5.0 % CC	2	R8,R82
17	21		1300250-00	150.0 .25 W 5.0 % CC	1	R4
18	22		1300295-00	330.0 .25 W 5.0 % CC	4	R22,R47,R56,R86
19	23		1300309-00	390.0 .25 W 5.0 % CC	2	R37,R67
20	24		1303114-00	1.0 K .25 W 1.0 % RN55D-F10	1	R11
21	25		1300365-00	1.0 K .25 W 5.0 % CC	4	R16,R78,R87,R88
22	26		1300398-00	*** THIS ITEM IS NOT USED ***	-	
23	27		1300417-00	2.20 K .25 W 5.0 % CC	3	R5,R34,R72
24	28		1300432-00	3.0 K .25 W 5.0 % CC	1	R15
25	29		1300447-00	4.70 K .25 W 5.0 % CC	1	R77
26	30		1300479-00	10.0 K .25 W 5.0 % CC	9	R18,R19,R53,R54,R57,R58,R76,R83,
						CONT R101

REVISION HISTORY			BASIC PART NO: 5013415			D I G I T A L		
ENGR	ECO NUMBER	REV	SECTION A OF A	DRN:	P.BARRY	DATE:	21-AUG-80	
	INITIAL	*	SECTION VARIATION INDEX	CHK'D:	S.CHLYPAWKA	DATE:	21-AUG-80	TITLE PARTS LIST
PD	NU001	A	[A] 00	DES.ENG:	R.VICKERY	DATE:	21-AUG-80	SYNC GEN/CURSOR CONTROL
JG	M7061-NU002	B	[B]	RESP.ENG.:	R.VICKERY	DATE:	21-AUG-80	DOCUMENT NUMBER
JG	NU003	C	[C]	MFG.ENG.:	A.ELLIS	DATE:	21-AUG-80	SIZE CODE NUMBER REV
JG	M7061-NU004,4A	D	[D]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME: M7061K.PLS
JG	M7061-NU005	E	[E]	ID-UA-M7061-0-0		#B-DD-M7061-0		EDIT # 49
ERV	M7061-NU006	F	[F]					
ERV	M7061-NU007,7A	H	[H]					
ERV	M7061-NU008	J	[J]					
JG	M7061-NU009	J	[K]					
MW	M7061-NU009	K	[L]					

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LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
					00	
27	31		1300488-00	12.0 K .25 W 5.0 X CC	1	R62
28	32		1300496-00	15.0 K .25 W 5.0 X CC	1	R68
29	33		1313349-00	33.0 K .25 W 5.0 X CC	2	R69,R73
30	34		1300539-00	120.0 K .25 W 5.0 X CC	3	R65,R71,R74
31	35		1301320-00	1.20 K .25 W 5.0 X CC	1	R13
32	36		1301401-00	750.0 .25 W 5.0 X CC	5	R46,R60,R66,R84,R85
33	37		1305129-00	8.0 K .25 W 1.0 X RN55D-F10	2	R1,R23
34	38		1301890-00	560.0 .25 W 5.0 X CC	1	R80
35	39		1301425-00	300.0 .25 W 5.0 X CC	2	R30,R35
36	41		1301808-00	22.0 K .25 W 5.0 X CC	4	R33,R61,R63,R81
37	42		1301969-00	22.0 .25 W 5.0 X CC	1	R10
38	43		1301972-00	270.0 .25 W 5.0 X CC	1	R7
39	44		1302379-00	75.0 .25 W 5.0 X CC	2	R14,R21
40	45		1302398-00	470.0 K .25 W 5.0 X CC	1	R20
41	46		1302685-00	909.0 .25 W 1.0 X RN55D-F10	2	R43,R44
42	47		1302872-00	681.0 .25 W 1.0 X RN55D-F1	2	R26,R27
43	48		1303179-00	8.20 K .25 W 5.0 X CC	1	R75
44	49		1304693-00	562.0 .25 W 1.0 X RN55D-F10	1	R29
45	50		1304840-00	62.0 K .25 W 5.0 X CC	1	R70
46	51		1304858-00	348.0 .25 W 1.0 X RN55D-F10	2	R45,R50
47	52		1304868-00	2.74 K .25 W 1.0 X RN55D-F10	1	R36
48	53		1305128-00	5.62 K .25 W 1.0 X RN55D-F10	1	R31
49	54		1309143-07	1.0 K .75 W10.0 X POT	2	R48,R9
50	55		1310630-00	1.33 K .25 W 1.0 X RN55D-F10	2	R39,R40
51	56		1311003-04	R NETWORK 14-430 14-820 16PIN	1	E56
52	57		1312452-00	3.74 K .25 W 1.0 X RN55D-F10	1	R3
53	58		1312496-00	10.0 .25 W 5.0 X FUSE	2	R52,R89
54	59		1503409-00	DEC6534D PNP 310MW SI 40 90	2	Q8,Q13
55	60		1509142-00	DEC4250 PNP 200MW SI 40250	1	Q2
56	61		1509338-00	DEC6531B NPN 310MW SI 40 90 P	7	Q1,Q3,Q4,Q6,Q7,Q14,Q15
57	62		1509525-00	2N 3906 PNP 310MW SI 40100 Y	1	Q5
58	63		1509681-00	2N 5245 FET 360MW SIN CHNHL	1	Q9
59	64		1510959-00	2N 3725 NPN 3.5WC SI 50 60 P	2	Q10,Q11
60	66		1612523-00	XFMR +5VDC TO -5VDC CONVERTER	1	T1
61	68		1910535-00	74S05 INVERTER GATE-HEX 1	1	E65
62	69		1910537-00	74S11 AND GATE-TRIPLE 3INP	2	E48,E90
63	70		1910544-00	74S74 FF-D DUAL,EDGE TRIGG	2	E22,E76
64	71		1910550-00	74S174 FF-D HEX	1	E2
65	72		1910788-00	8820 RECEIVER,LINE,DUAL,	1	E6
66	73		1911038-00	4024 OSCILLATOR	1	E4
67	74		1911039-00	4044 PHASE FREQUENCY DETE	1	E5
68	75		1911527-00	8097 BUFFER GATE-HEX 2INP	1	E78
69	76		1911944-00	555CN TIMER,FUNCT.BLOCK	1	E55
70	77		1912541-00	79M05 VOLT REG,FIX -5V	1	Q12
71	78		1912656-00	LS670 REGISTER FILE,4X4,LD	3	E73,E91,E92
72	79		1912697-00	LS174 FF-D HEX W/CLEAR	2	E42,E62
73	80		1912799-00	LS00 NAND-GATE-QUAD 2IN,P	1	E35
74	82		1912801-00	LS02 NOR-GATE-QUAD 2IN	3	E17,E70,E81

D	I	G	I	T	A	L	TITLE	SECTION	OF	SIZE	CODE	DOCUMENT NUMBER	REV
							SYNC GEN/CURSOR CONTROL	A		K	PL	M7061-0-DBP	K

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
					00	
75	83		1912803-00	LS04 INVERTER GATE,HEX	2	E49,E77
76	84		1912805-00	LS08 AND GATE-QUAD 2IN,PO	3	E46,E85,E94
77	87		1912816-00	LS32 OR GATE-QUAD 2IN,POS	3	E25,E36,E52
78	88		1912824-00	LS74 FF-D DUAL,EDGE TRIGG	8	E15,E27,E45,E58,E72,E75,E82,E99
79	89		1912825-00	LS76 FF-JK DUAL W/PRESET	2	E23,E34
80	90		1912089-00	74S85 CMPRTR-4BIT MAGNITUD	3	E93,E96,E97
81	91		1912837-00	LS123 ONE SHOT-DUAL,RETRIG	1	E20
82	93		1912844-00	LS151 MUX 1 OF 8 & DATA	1	E43
83	95		1912854-00	LS193 COUNTER,SYNCHR,4BIT,	3	E32,E39,E44
84	96		1912856-00	LS196 COUNTER,DECADE,PRESE	1	E28
85	97		1912858-00	LS221 ONE SHOT-DUAL,SCHMIT	1	E1
86	98		1913471-00	LS367 DRIVER,BUS,HEX,TRI-	2	E95,E98
87	99		1913939-00	LS191 COUNTER,SYNCHR. UP/D	6	E51,E66,E74,E79,E80,E53
88	100		1914485-00	TL 084 OP AMP,QUAD	1	E31
89	101		2111285-02	HI 200-5 DUAL ANALOG SW,CMOS	1	E54
90	105		23666A9-00	A9-01	1	E38
91	106		23667A9-00	A9-01	1	E33
92	110		9000024-08	EYELET,ROLL FLANGE .1390DX .235	8	
93	109		9009185-00	JUMPER, WIRE, INSULATED, BLACK B	16	W1-W3,W6,W8,W10-W14,W16,W17, CONT W19-W22
94	112		1910532-00	74S00 NAND GATE-QUAD 2IN	2	E59,E69
95	113		1910533-00	74S03 NAND GATE-QUAD 2IN,0	3	E9,E10,E64
96	114		1910534-00	74S04 INVERTER GATE-HEX 1I	2	E60,E67
97	115		1910540-00	74S22 NAND GATE-DUAL 4INPU	1	E14
98	116		1910545-00	74S112 FF-JK DUAL,EDGE TRIG	1	E24
99	117		1910547-00	74S153 MUX 1 OF 4 (DUAL)	1	E50
100	118		1910957-00	74S175 FF-D QUAD COMMON CLO	1	E47
101	119		1912388-00	74S02 NOR GATE-QUAD 2IN,PO	1	E7
102	120		1912389-00	74S08 AND GATE-QUAD 2IN,PO	1	E71
103	121		1912647-00	LS257 MUX 1 OF 2 (QUAD)	1	E83
104	122		1912746-00	DEC 74S37 NAND GATE-QUAD 2IN	1	E11
105	123		1912842-00	LS138 DECODER-THREE INPUT,	2	E86,E87
106	124		1912853-00	LS175 FF-D QUAD	3	E61,E84,E88
107	125		1913340-00	74S32 OR GATE-QUAD 2IN	2	E8,E63
108	126		1913677-00	LS160 COUNTER,LOW POWER SC	1	E26
109	127		1914867-00	FF-D HEX, COMMON REG	2	E37,E40
110	128		1915218-00	LS245 TRANSCEIVER,BUS,OCT	2	E89,E101
111	129		23284A1-00	A1-07	1	E19
112	131		23285A1-00	A1-07	1	E29
113	132		1811660-30	OSCILLATOR, XTAL 25.1748 MHZ	1	E16
114	133		2112622-00	BAUD RATE GEN,PROGRAMMABLE,2.457	1	E12
115	134		1213506-03	HEADER 10POS RT ANGLE W/3 SI	1	J1
116	135		1300005-01	R NETWORK 13-1K 5.0 % 14PIN	1	E13
117	137		1301322-00	180.0 .25 W 5.0 % CC	3	R25,R41,R79
118	139		23286A1-00	A1-07	1	E30
119	140		23287A1-00	A1-07	1	E41
120	141		23667F1-00	F1-01	1	E57
121	142		23668F1-00	F1-01	1	E68

D I G I T A L				TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
				SYNC GEN/CURSOR CONTROL				M7061-0-DBP	K

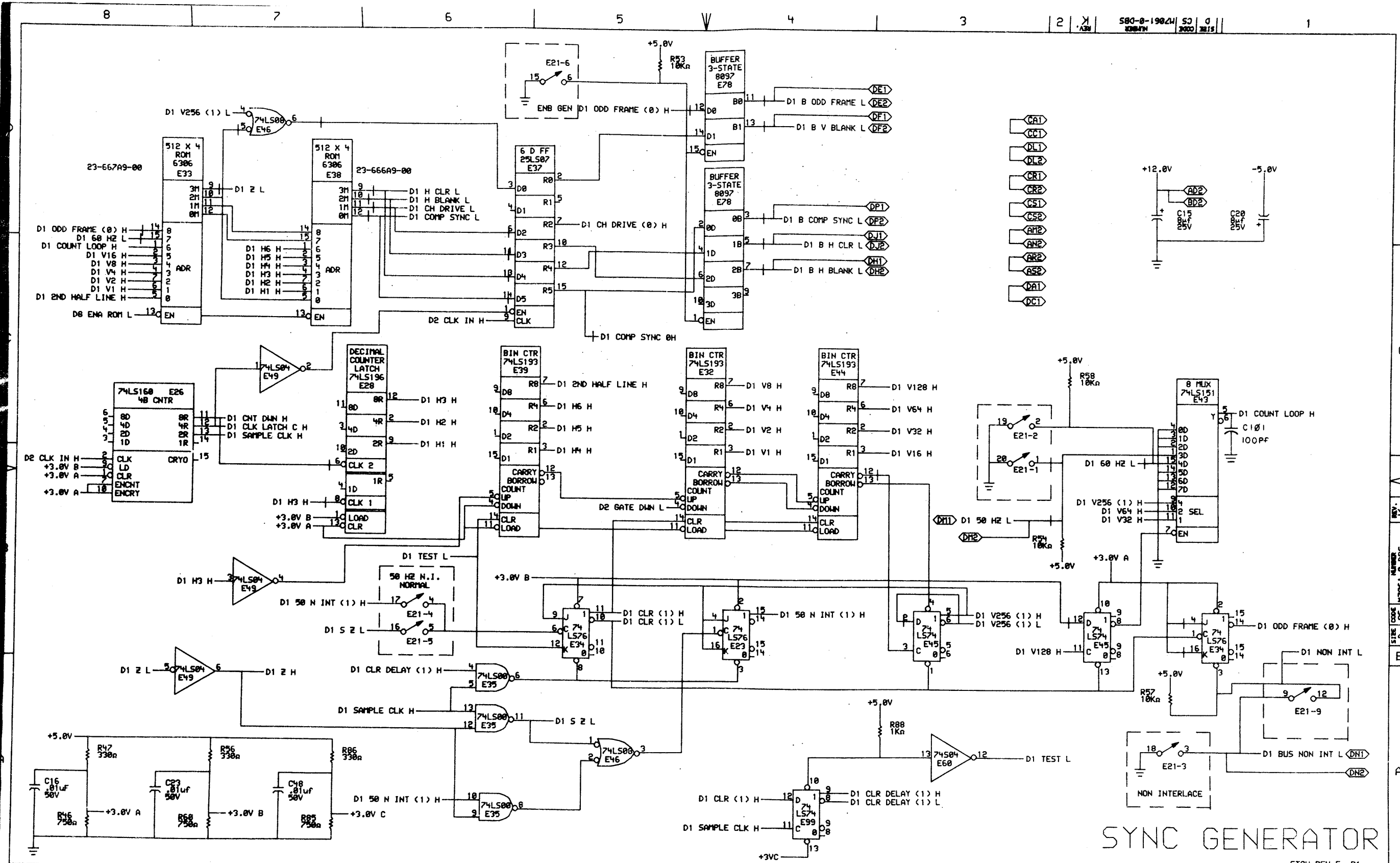
AUTOMATED BY PRTLST.3L(32)

PARTS LIST

SHEET A4 OF A4

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
122	143	1209941-03	HEADER RT ANGLE LEFT L	1	
123	144	1209941-04	HEADER RT ANGLE,RIGHT	1	
124	145	1002428-00	1500.0 MMF 100V 5X200PPM MICA	1	C59
125	146	1000018-00	120.0 MMF 100V 5X200PPM MICA	2	C60,C61
126	147	1301421-00	15.0 .25 W 5.0 % CC	1	R38
127	148	1304863-00	316.0 .25 W 1.0 % RN55D-F10	1	R51
128	149	1010978-23	.0082 MFD 50V 10% CER	3	C2,C7,C29
129	151	1012084-01	8 MFD 25V +75-10% AL EL	6	C1,C15,C20,C26,C38,C47
130	152	9009122-00	FUSE,SUB-MINI 1/16A,125V GLASS	2	F1,F2
131	153	1300411-00	2.0 K .25 W 1.0 % RN55D-F10	1	R12
132	154	1316838-00	432.0 .25 W 1.0 % RN55D-F10	2	R2,R6
133	155	1004812-00	15 MFD 20V 10% S.TANT	1	C17
134	156	1300285-00	270.0 .50 W 5.0 % CC	1	R42
135	157	1601759-00	33 UH 5% 300MA	1	L1
136	158	1000042-00	1000.0 MMF 100V 5X200PPM MICA	1	C62
137	159	9105740-55	WIRE(WRAP)30AWG UL1423	A/R	
138	160	1000017-00	100.0 MMF 300V 5X200PPM MICA	1	C63
139	161	1000014-00	68.0 MMF 100V 5X200PPM MICA	1	C64
140	162	9107256-01	TUBING,THIN WALL,.027ID UL	A/R	
141	163	1317406-00	2.43 K .25 W 1.0 % RN55D-F10	1	R100
142	164	1000016-00	100.0 MMF 100V 5X200PPM MICA	1	C101
143	165	1000026-00	680.0 MMF 100V 5X200PPM MICA	1	C34
144	166	1005784-00	.01 MFD 100V 200V 10% MYL	1	C40

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							SYNC GEN/CURSOR CONTROL		K	PL	M7061-0-DBP	K

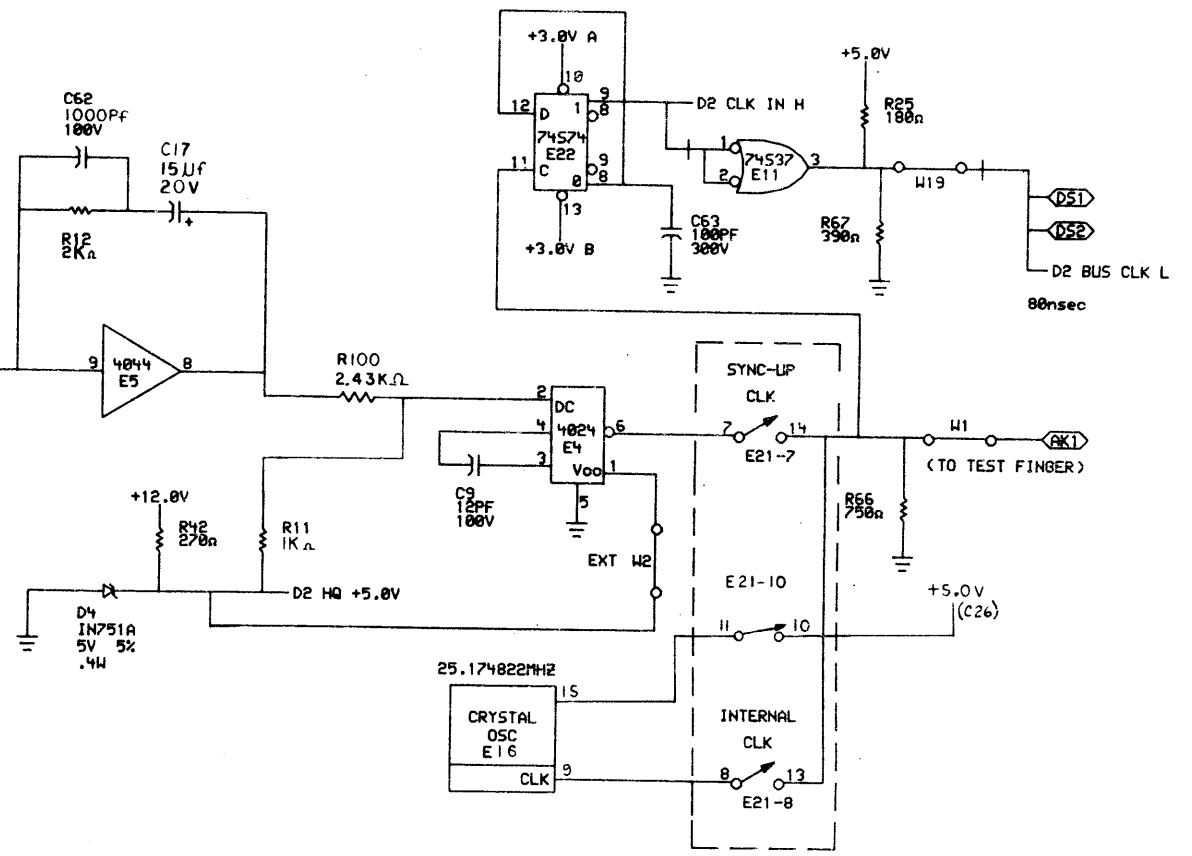
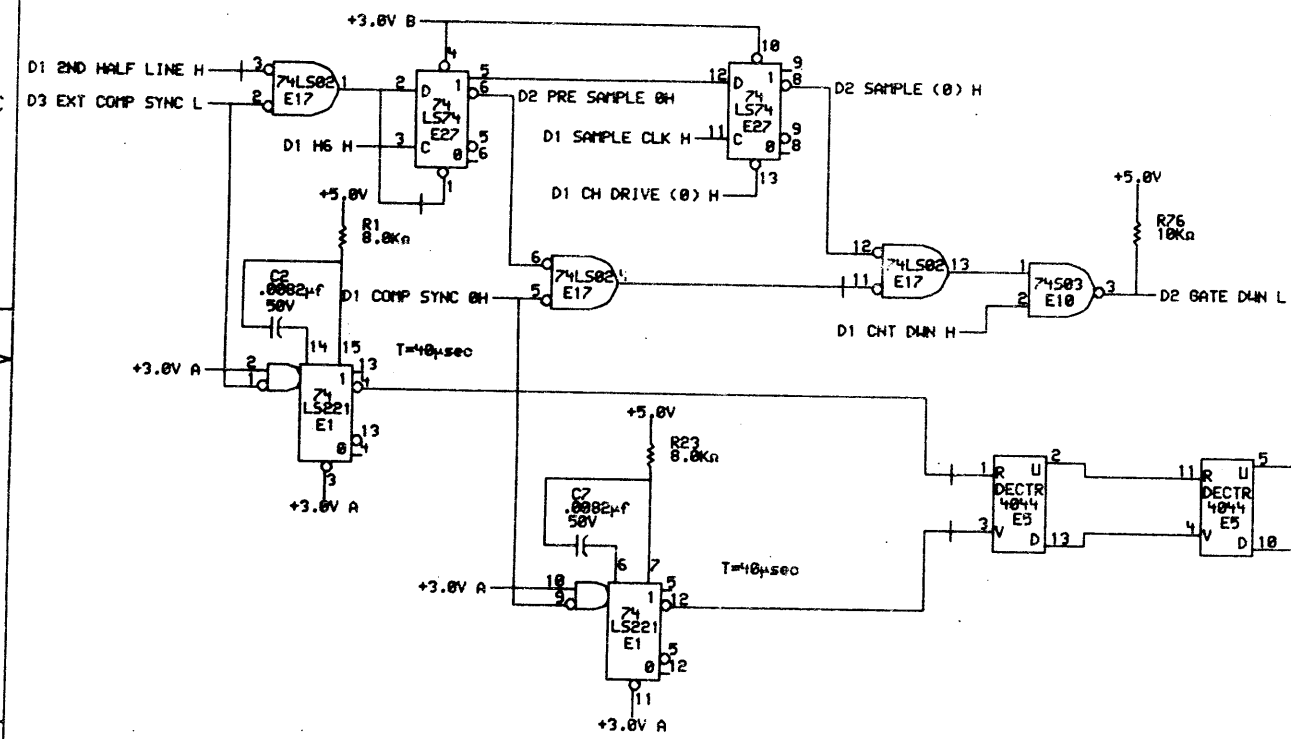
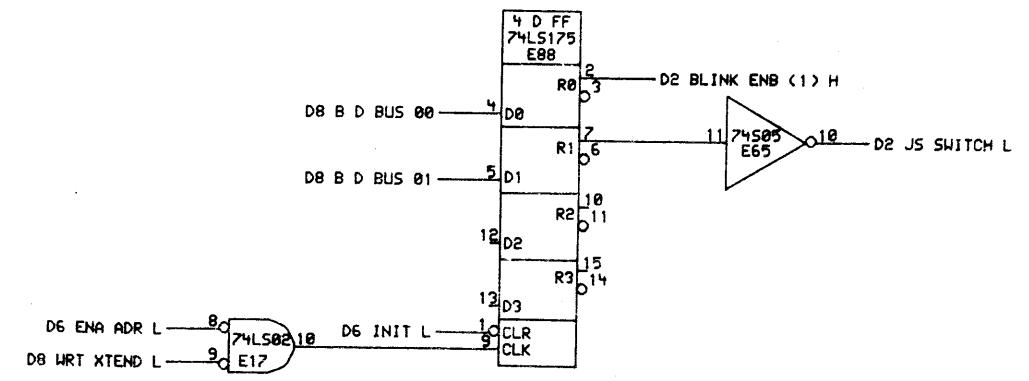
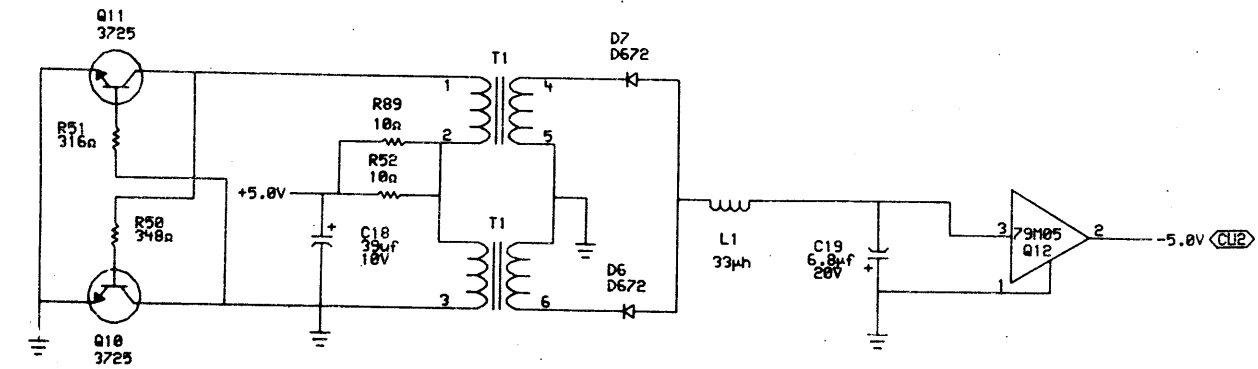


SYNC GENERATOR

ETCH REV E -P1

REVISIONS				M7061-NU0077A H SICK				M7061-NU008 J				M7061-NU009 K			
CHK	CHANGE NO.	REV	DATE	CHK	CHANGE NO.	REV	DATE	CHK	CHANGE NO.	REV	DATE	CHK	CHANGE NO.	REV	DATE
REDRAWN		F		E. R. VICKERY		F		J. GARASKY		F					
M7061-NU006				E. R. VICKERY				J. GARASKY							
				E. R. VICKERY				J. GARASKY/MW							

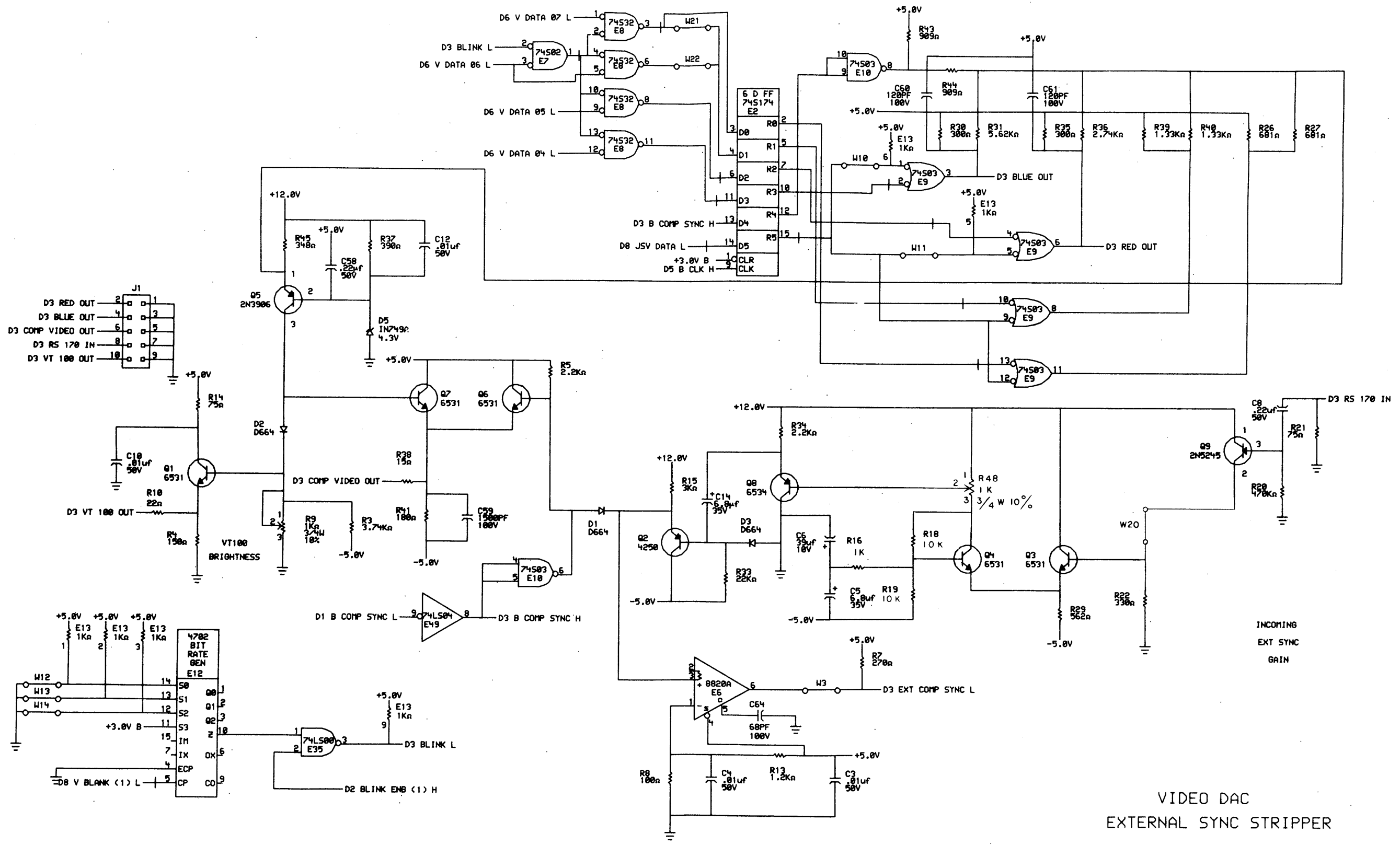
digital		DRN. P. BARRY	DATE 11-DEC-88	ENG. E. R. VICKERY	DATE 13-DEC-88	TITLE: SYNC GEN/CURSOR CONTROL (D1)
1364-1002-15701F.DRW		109-DEC-88	17:28	NEXT HIGHER ASSEMBLY:	18-DD-M7061-0	SIZE CODE NUMBER REV. D C5 M7061-0-DB5 K
FIRST USED ON OPTION MODEL: V5V11						



INTERNAL/EXTERNAL CLOCK
EXTERNAL CLOCK PHASE LOCK

REV	DATE	DESCRIPTION
1		INITIAL DESIGN
2		REVISIONS
3		CHK CHANGE NO. REV

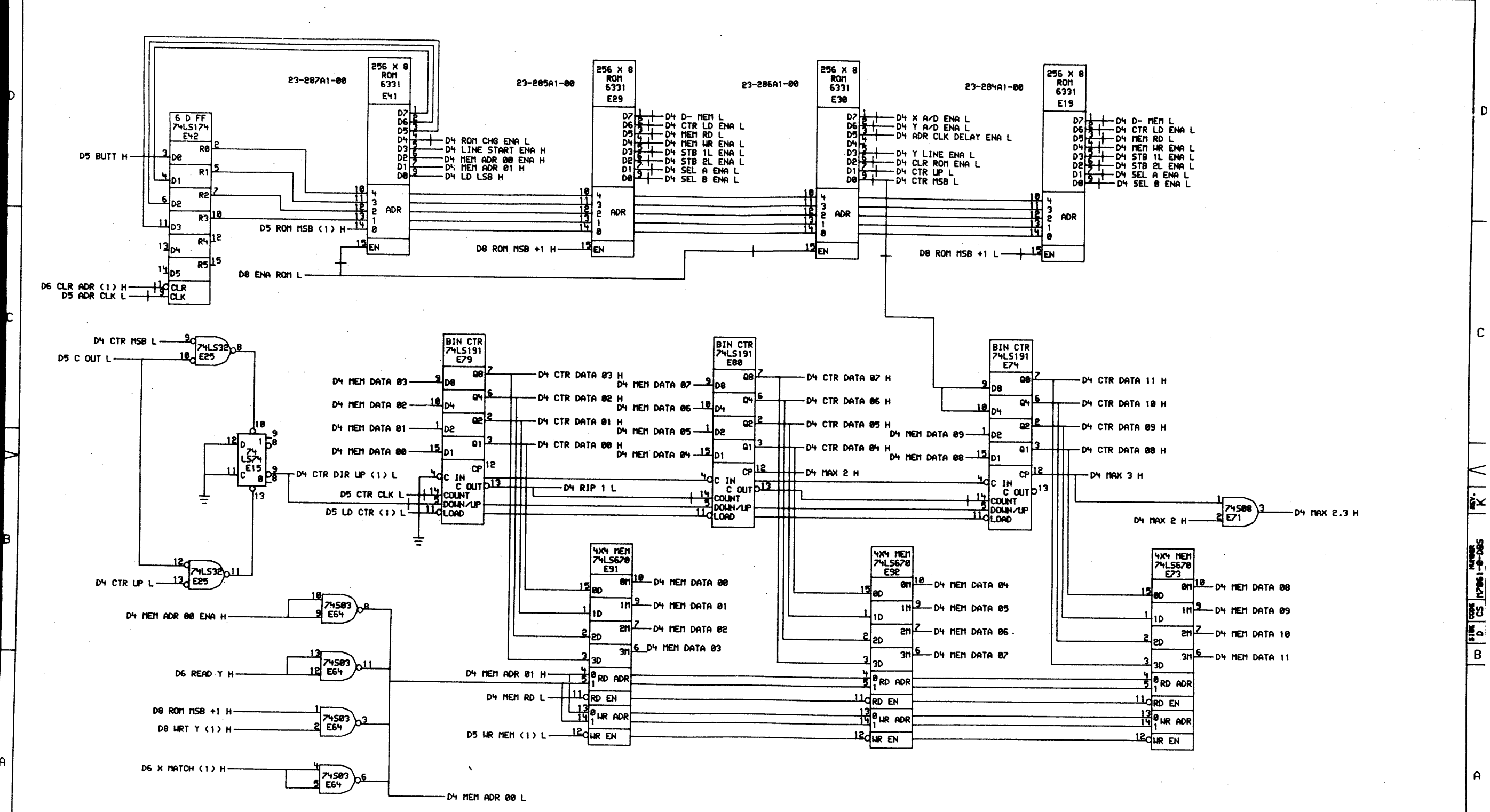
digital	DRN. P. Barry	DATE 11-05-80	ENG. [Signature]	DATE [Signature]	TITLE: SYNC GEN/CURSOR CONTROL (D2)
	1354.500015200F.DRW	109-DEC-86 17:41	NEXT HIGHER ASSEMBLY: B-DD-M7061-0	SIZE CODE D CS	NUMBER M7061-0-DB5
FIRST USED ON OPTION/MODEL: VSV11					REV. K



VIDEO DAC
 EXTERNAL SYNC STRIPPER

REVISIONS	CHK	CHANGE NO.	REV.

digital	DRN. P. Barry	DATE 11-DEC-88	ENG.	DATE	TITLE: SYNC GEN/CURSOR CONTROL (D3)
	CHK'D.	DATE	BOARD LOCATION:		
C 354 4882 SYSP.DRI 109-DEC-88 18:10 NEXT HIGHER ASSEMBLY:					SIZE CODE
FIRST USED ON OPTION/MODEL: VSV11 B-DD-M7061-0					NUMBER
					REV. K



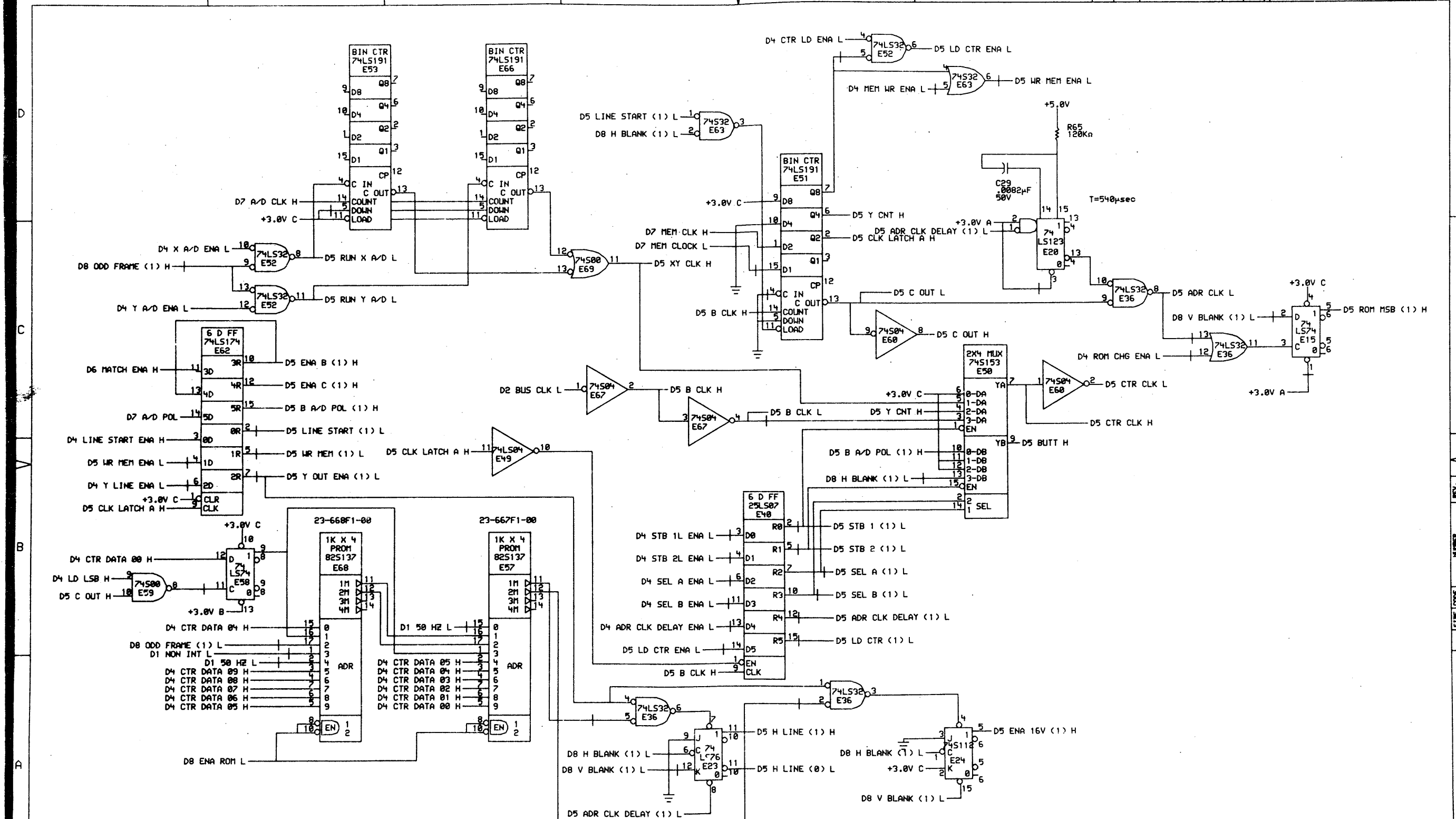
CURSOR CONTROL MEMORY

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REVISIONS	
CHK	CHANGE NO. REV

digital DRN. P. Barry DATE 11-DEC-80 ENG. DATE BOARD LOCATION: TITLE: SYNC GEN/CURSOR CONTROL (D4)

1364-1002 3504F.DRW 109-DEC-80 10:12 NEXT HIGHER ASSEMBLY: SIZE CODE NUMBER REV. FIRST USED ON OPTION/MODEL: VSV11 B-DD-M7061-0 D CS M7061-0-DB5 K

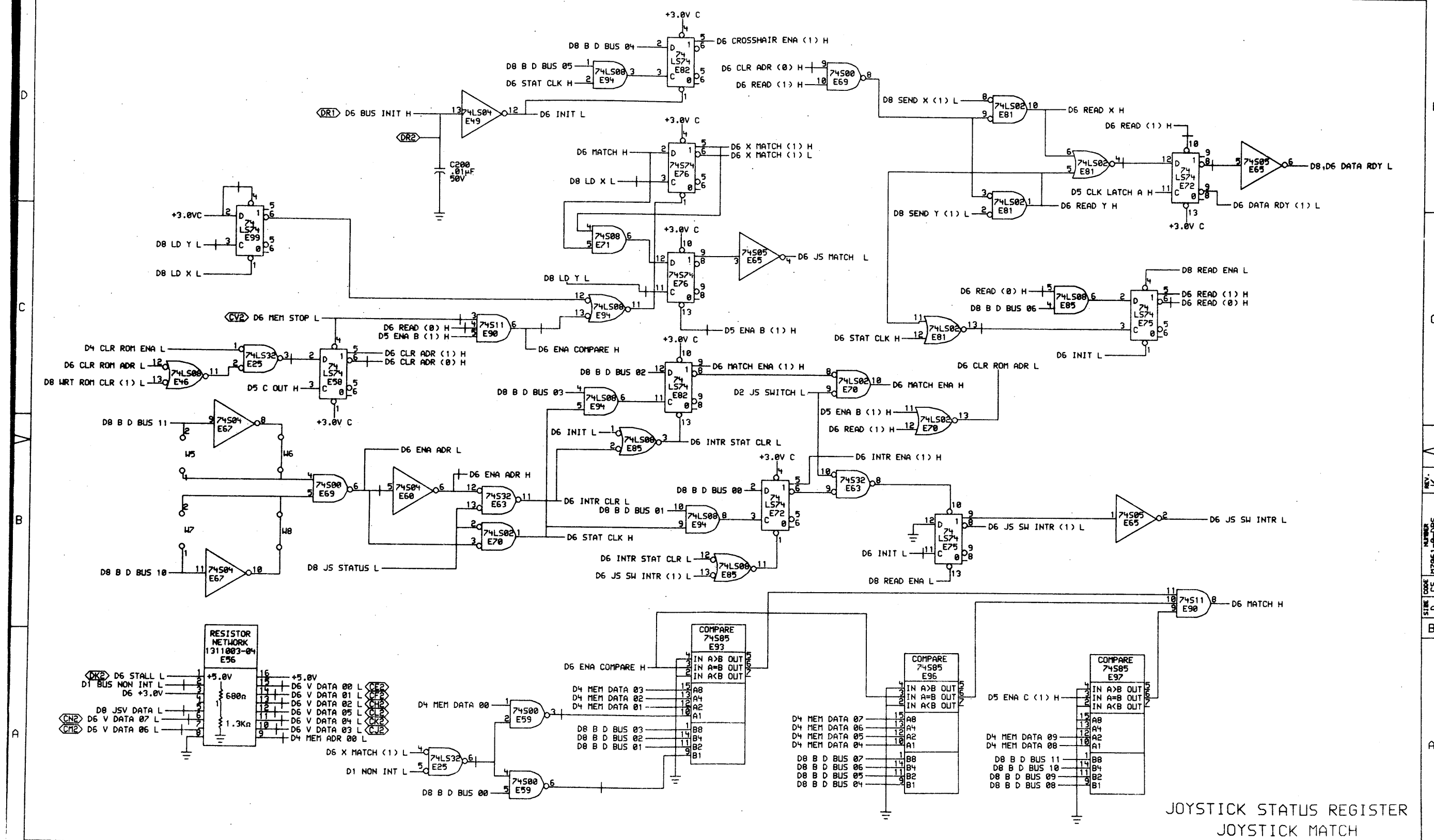


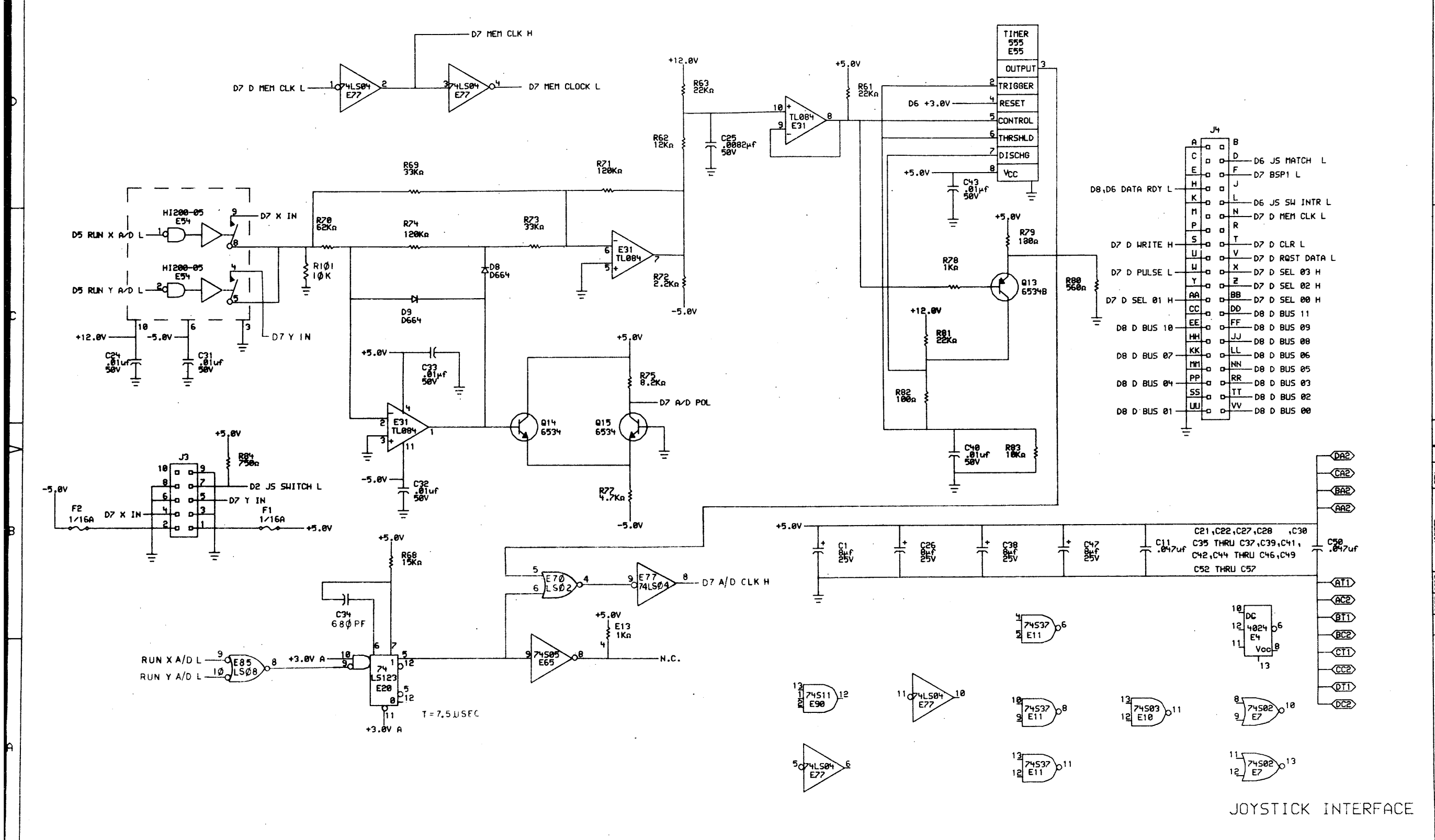
CURSOR CONTROL

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REVISIONS	CHK	CHANGE NO.	REV

digital	DRN. P. Barry	DATE 11-DEC-80	ENG.	DATE	TITLE: SYNC GEN/CURSOR CONTROL (D5)
	CHK'D.	DATE	BOARD LOCATION:	SHEET	OF
FIRST USED ON OPTION/MODEL:		1364-4002-5105F, DRN 109-DEC-80 10:28	NEXT HIGHER ASSEMBLY:	SIZE CODE: D CS	NUMBER: M7061-0-DBS
				REV. K	

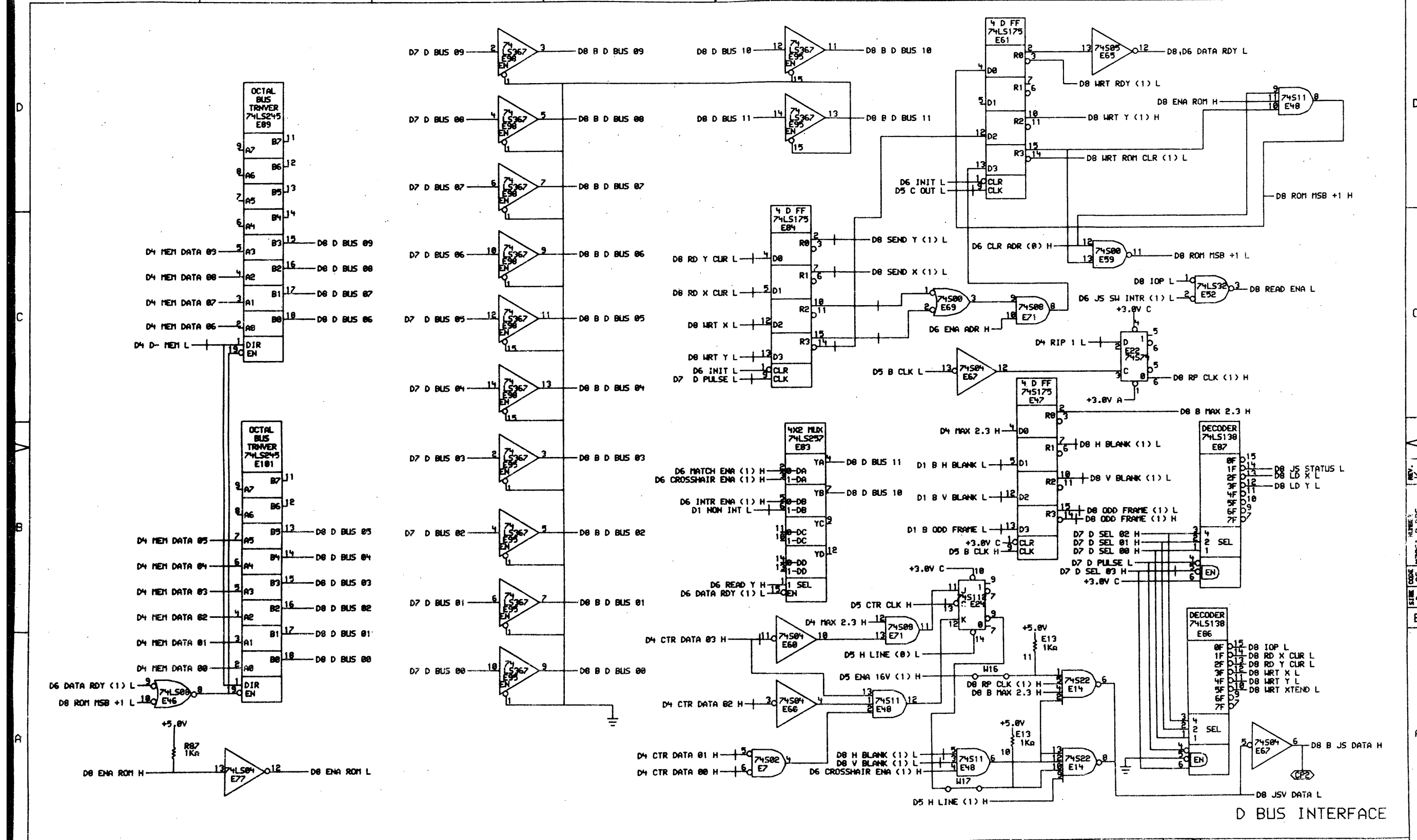




- J4
- | | |
|---|-----------------|
| A | D6 JS MATCH L |
| B | D7 BSP1 L |
| C | D6 JS SW INTR L |
| D | D7 D MEM CLK L |
| E | D7 D WRITE H |
| F | D7 D CLR L |
| G | D7 D PULSE L |
| H | D7 D SEL 03 H |
| J | D7 D SEL 02 H |
| K | D7 D SEL 01 H |
| L | D7 D SEL 00 H |
| M | D8 D BUS 11 |
| N | D8 D BUS 09 |
| P | D8 D BUS 08 |
| R | D8 D BUS 06 |
| S | D8 D BUS 05 |
| T | D8 D BUS 03 |
| U | D8 D BUS 02 |
| V | D8 D BUS 01 |

JOYSTICK INTERFACE

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	CHK. CHANGE NO. REV.	CHAR. D.	DATE	BOARD LOCATION	SHEET OF A	SIZE CODE D 1CS
			FIRST USED ON OPTION MODEL: VSV11	09-DEC-80 18:31	NEXT HIGHER ASSEMBLY: B-DD-M7061-0	NUMBER M7061-0-DB5



D BUS INTERFACE

DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS																																			
				C	D	E	F	G	H	I	J	K	L	M	N																								
D-UA-M7062-0-0	1		IMAGE MEMORY	C	D	E	F	G	H	I	J																												
K-PL-M7062-0-DBP			IMAGE MEMORY	*	A	B	C	D	E																														
D-CS-M7062-0-1	7		IMAGE MEMORY	*	INA	-	-	-	-																														
D-MD-5013302-0-0	5		DRILL & ETCH DRAWING	C	D	E	E	E	E																														
		5013302	ETCHED BOARD	D	E	F	F	F	F																														
K-PC-M7062-0-DBC			PC DESIGN DATA BASE (M7062)	D	E	F	F	F	F																														
K-CS-M7062-0-DBS			IMAGE MEMORY	A	B	C	D	E																															
D-EC-5013302-0-0	2		ETCH CUT DRAWING	A	B	C	C	D																															

NOTES:

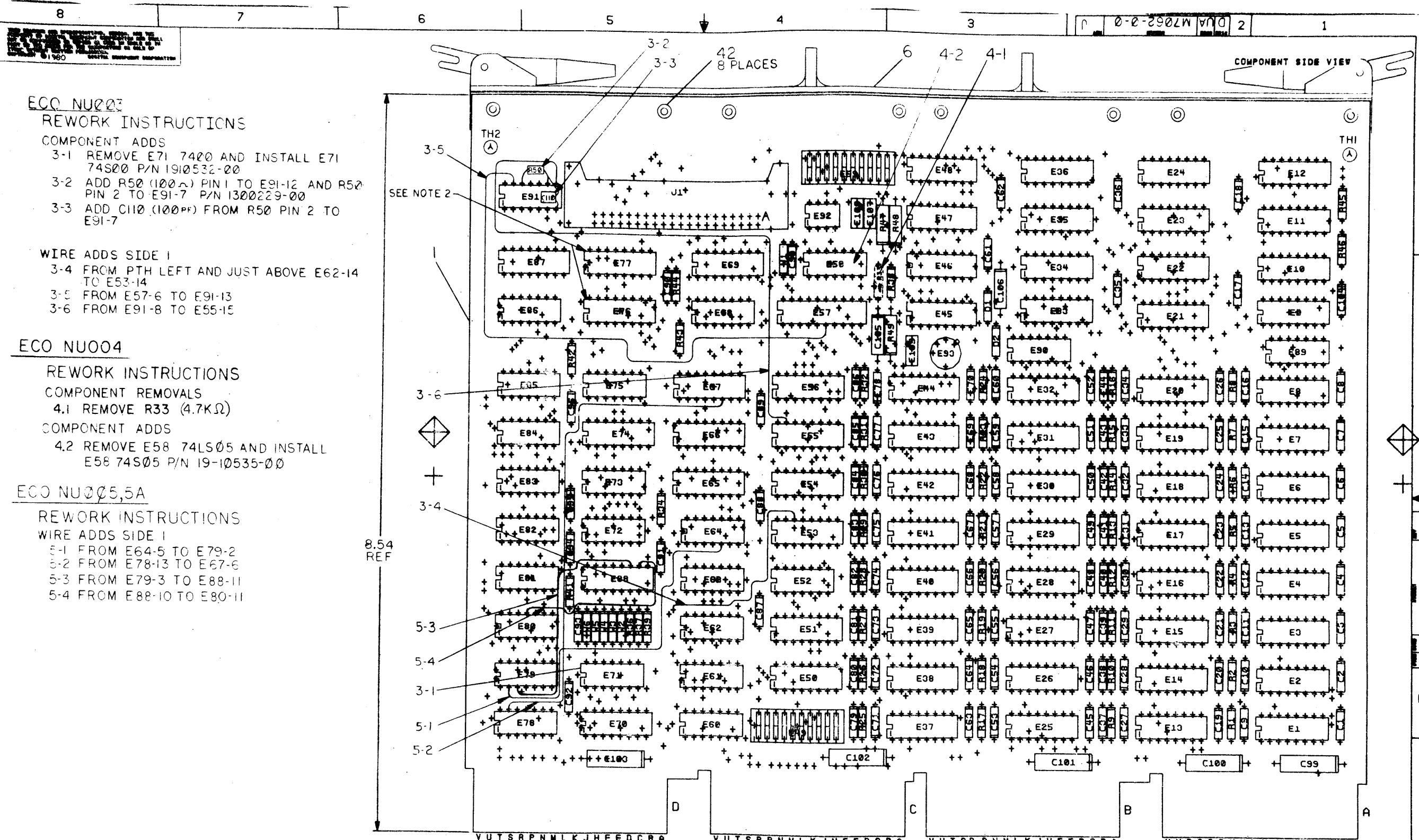
REVISIONS		DATE	CHG NO.	REV.	*
		11/79	ORIG		*
		3/80	NU001	A	A
		6/80	M7062-NU002	B	B
		12/80	NU003	C	C
		7/81	NU004	D	D
		11/81	NU005,5A	E	E

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USED ON OPTION/MODEL		DRN.	19 NOV 79	TITLE	IMAGE MEMORY
VSVII		CHK'D	M. L. L.	19 NOV 79	
		ENG.	ER VICKERY	19 NOV 79	
		PROD.	ER VICKERY	19 NOV 79	
SHEET	I	OF	I	SIZE	B DD
			NUMBER	M7062-0	REV. E



ECO NU003
REWORK INSTRUCTIONS

- COMPONENT ADDS
 3-1 REMOVE E71 7400 AND INSTALL E71 74S00 P/N 1910532-00
 3-2 ADD R50 (100Ω) PIN1 TO E91-12 AND R50 PIN 2 TO E91-7 P/N 1300229-00
 3-3 ADD C110 (100PF) FROM R50 PIN 2 TO E91-7
- WIRE ADDS SIDE 1
 3-4 FROM PTH LEFT AND JUST ABOVE E62-14 TO E53-14
 3-5 FROM E57-6 TO E91-13
 3-6 FROM E91-8 TO E55-15

ECO NU004
REWORK INSTRUCTIONS

- COMPONENT REMOVALS
 4.1 REMOVE R33 (4.7KΩ)
- COMPONENT ADDS
 4.2 REMOVE E58 74LS05 AND INSTALL E58 74S05 P/N 19-10535-00

ECO NU005,5A
REWORK INSTRUCTIONS

- WIRE ADDS SIDE 1
 5-1 FROM E64-5 TO E79-2
 5-2 FROM E78-13 TO E67-6
 5-3 FROM E79-3 TO E88-11
 5-4 FROM E88-10 TO E80-11

NOTES:
 1. W3 AND W4 ARE NOT TO BE USED.
 2. E76 AND E77 ARE MOUNTED IN XE76 AND XE77 RESPECTIVELY.

STEP	Y AXIS	STEP	TIMES
REPRT	X AXIS	STEP	TIMES

CHK	CHANGE	NO	REV	PROGRAM	NO	REV	DATE	BY
				NU002				
				M7062-NU003				
				E.R. VICKERY				
				M7062-NU004				
				E.R. VICKERY				
				M7062-NU005,5A				
				E.R. VICKERY				

ETCH REV: F-P2

SIGNATURES	DATE	TITLE
DRN. <i>[Signature]</i>	12/76	digital
CHK. D. MARCHAND	10/76	
MECH. ENG. E. R. VICKERY	5/76	
PRD. J. S. STRASSKY	5/76	
SCALE 2/1		
SHT. 1 OF 1		
NEXT HIGHER REV. B-00-M7062-0		

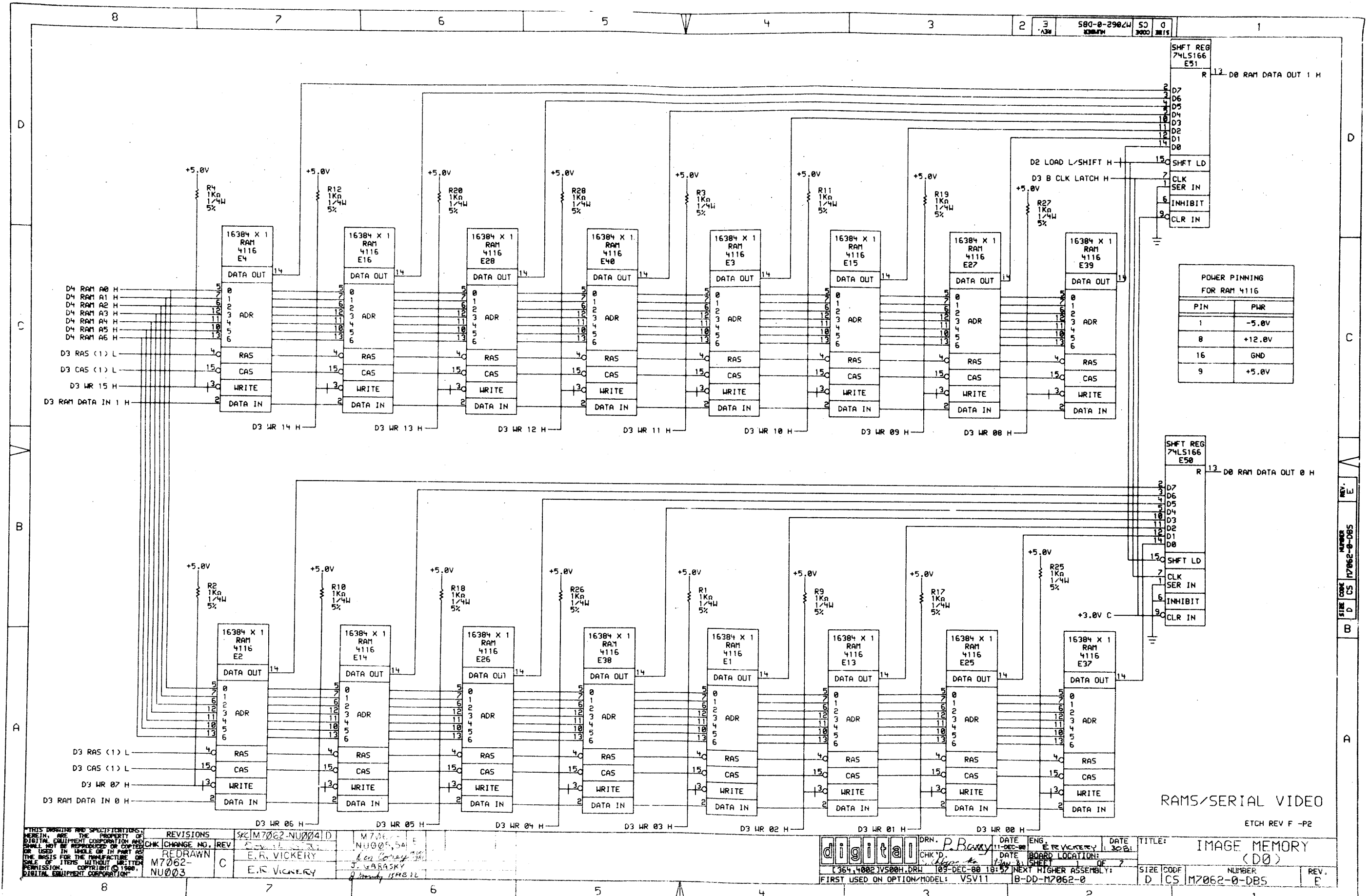
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
1	1	D-MD-5013302-0-0	5013302-00	DRILL & ETCH BOARD	1	
2	2		1012084-01	8 MFD 25V +75-10% AL EL	5	C99-C103
3	4		1012784-00	.047 MFD 50V +80-20% CER	98	C1-C96,C98,C104
4	5		1209941-02	HEADER 100 40POS RT ANGLE	1	J1
5	6		1213113-01	HANDLE,MODULE,	1	
6	7		1215006-02	SKT,IC 16PIN DIP TIN PLATE	2	XE76,XE77
7	8		1211164-06	SW,DIP 10POS/1PST 5VDC100MA F	2	E59,E49
8	9		1300295-00	330.0 .25 W 5.0 % CC	2	R39,R45
9	10		1300316-00	470.0 .25 W 5.0 % CC	1	R41
10	11		1300365-00	1.0 K .25 W 5.0 % CC	38	R1-R32,R36,R38,R34,R42,R43,R44
11	13		1301401-00	750.0 .25 W 5.0 % CC	2	R37,R46
12	15		1311003-04	R NETWORK 14-430 14-820 16PIN	2	E76,E77
13	16		1905575-00	*** THIS ITEM IS NOT USED ***	-	
14	17		1912388-00	74S02 NOR GATE-QUAD 2IN,PO	1	E73
15	18		1910534-00	74S04 INVERTER GATE-HEX 1I	2	E78,E91
16	19		1909955-00	DEC 7412 NAND GATE-TRIPLE 3IN	2	E60,E82
17	20		1910538-00	74S15 AND GATE-TRIPLE 3IN	2	E62,E81
18	21		1910544-00	74S74 FF-D DUAL,EDGE TRIGG	3	E63,E64,E80
19	22		1910550-00	74S174 FF-D HEX	2	E74,E88
20	23		1911527-00	B097 BUFFER GATE-HEX 2INP	1	E66
21	24		1911641-00	SN 74S257 MUX,QUAD 2 TO 1	4	E10,E22,E34,E46
22	25		1911675-00	74S138 DECODER/DEMUX 3-8 LIN	1	E87
23	26		1912697-00	LS174 FF-D HEX W/CLEAR	4	E35,E36,E47,E48
24	27		1912799-00	LS00 NAND-GATE-QUAD 2IN,P	3	E68,E83,E85
25	28		1912801-00	LS02 NOR-GATE-QUAD 2IN	1	E75
26	29		1910535-00	74S05 INVERTER GATE-HEX 1	1	E58
27	30		1912805-00	LS08 AND GATE-QUAD 2IN,PO	1	E52,
28	31		1913340-00	74S32 OR GATE-QUAD 2IN	1	E72
29	32		1912824-00	LS74 FF-D DUAL,EDGE TRIGG	2	E84,E86
30	33		1912853-00	LS175 FF-D QUAD	1	E69

REVISION HISTORY			BASIC PART NO: 5013302			DRN: P. BARRY			DATE: 20-MAY-80			D I G I T A L					
ENG	ECD NUMBER	REV	SECTION A OF A			CHK'D:	M. MARCHAND			DATE:	20-MAY-80			TITLE	PARTS LIST		
---	INITIAL	*	SECTION VARIATION INDEX			CHK'D:	M. MARCHAND			DATE:	20-MAY-80			TITLE	PARTS LIST		
RV	NU001	A	[A] 00											IMAGE MEMORY			
RV	NU002	B	[B]														
RV	M7062-NU003	C	[C]			DES.ENG:	R. VICKERY			DATE:	20-MAY-80						
RV	M7062-NU004	D	[D]														
JG	NU005,5A	E	[E]			RESP.ENG.:	R. VICKERY			DATE:	20-MAY-80			DOCUMENT NUMBER			
			[F]											SIZE	CODE	NUMBER	REV
			[G]														
			[H]														
			[I]														
			[J]														
			[K]			MFG.ENG.:	A. ELLIS			DATE:	20-MAY-80			K	PL	M7062-00-DBP	E
			[L]														
			[M]			ASSEMBLY NUMBER:	D-UA-M7062-0-0			TOP DOCUMENT NUMBER:	#B-DD-M7062-0			FILE NAME:	M7062E.PLS		
			[N]														EDIT #
																	33

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LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
31	34		1913671-00	74S374 FF-D OCTAL TRISTATE	1	E57
32	35		1913939-00	LS191 COUNTER,SYNCHR. UP/D	3	E23,E24,E53
33	36		1914082-00	74S163 COUNTER,SYNCH UP/DOW	2	E11,E12
34	37		2113825-01	16K MOS RAM 200NS 1	32	E1-E5,E6-E8,E13-E20,E25-E32, E37-E44
35	38		23288A1-00	A1-03,A1-04,A1-05	4	CONT E9,E21,E33,E45
36	39		23292A1-00	A1-07	1	E70
37	40		23575A2-00	A2-07	1	E56
38	41		23576A2-00	A2-07	1	E67
39	42		9000024-01	EYELET,ROLL FLANGE .1210DX .192	8	
40	43		9009185-00	JUMPER, WIRE, INSULATED, BLACK B	4	W1,W2,W5,W6
41	44		1915758-00	SN 74LS166N SHIFT REG. 8BIT PAR	4	E50,E51,E54,E55
42	45		1912389-00	74S08 AND GATE-QUAD 2IN,PO	1	E79
43	46		1910532-00	74S00 NAND GATE-QUAD 2IN	2	E61,E71
44	47		1910539-00	74S20 NAND GATE-DUAL 4INPU	2	E89,E90
45	48		1910957-00	74S175 FF-D QUAD COMMON CLO	1	E65
46	51		1300447-00	*** THIS ITEM IS NOT USED ***	-	
47	52		1010279-00	.47 MFD 25V 20% CER	1	C109
48	53		1002627-00	2.2MFD 20V 10% S.TANT	2	C105,C106
49	54		1001610-00	.01 MFD 50V +80-20% Z5U CER	1	C107
50	55		1012121-00	220.0 MMF 100V 1%200PPM MICA	1	C108
51	56		1302685-00	909.0 .25 W 1.0 % RN55D-F10	1	R49
52	57		1309412-00	18.20 K .25 W 1.0 % RN55D-F10	1	R48
53	58		1309416-00	31.60 K .25 W 1.0 % RN55D-F10	1	R47
54	59		1105275-00	D 672 TR= 15NS FIV= 60V SI	2	D1,D2
55	60		1912541-00	79M05 VOLT REG, FIX -5V	1	E93
56	61		1911944-00	555CN TIMER,FUNCT.BLOCK	1	E92
57	62		1000017-00	100.0 MMF 300V 5%200PPM MICA	1	C110
58	63		1300229-00	100.0 .25 W 5.0 % CC	1	R50
59	64		9105740-55	WIRE(WRAP)30AWG UL1423	A/R	
60	65		9107256-01	TUBING,THIN WALL,.027ID UL	A/R	

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							IMAGE MEMORY		K	PL	M7062-00-DBP	E



POWER PINNING FOR RAM 4116

PIN	PLWR
1	-5.0V
8	+12.0V
16	GND
9	+5.0V

RAMS/SERIAL VIDEO

ETCH REV F -P2

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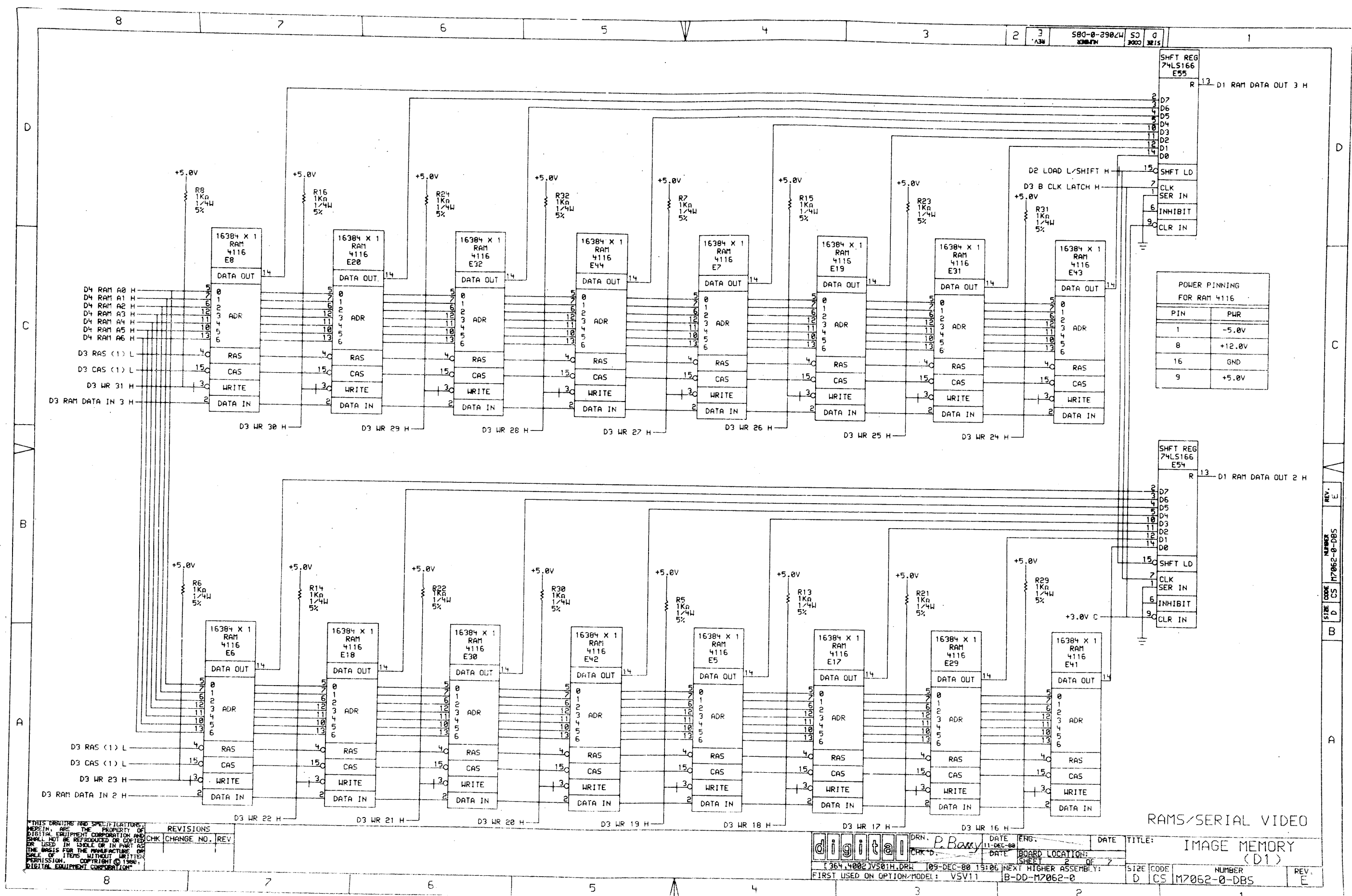
REVISIONS	CHK	CHANGE NO.	REV
SKIM7062-NU004 D			
M7062-NU005, 5A E			
E.R. VICKERY			
J. VARASKY			
E.R. VICKERY			

digital

DRN. P. Barry DATE 11-DEC-80 ENG. E.R. VICKERY DATE 30-81
 CHK'D DATE BOARD LOCATION: SHEET 7 OF 7
 1364.4002.VS00H.DRW 03-DEC-80 10:52 NEXT HIGHER ASSEMBLY: B-DD-M7062-0

TITLE: IMAGE MEMORY (D0)
 SIZE CODE NUMBER REV.
 D CS M7062-0-DBS E

REV. E
 NUMBER 17062-0-DBS
 CS D CS



POWER PINNING FOR RAM 4116

PIN	PWR
1	-5.0V
8	+12.0V
16	GND
9	+5.0V

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REVISIONS

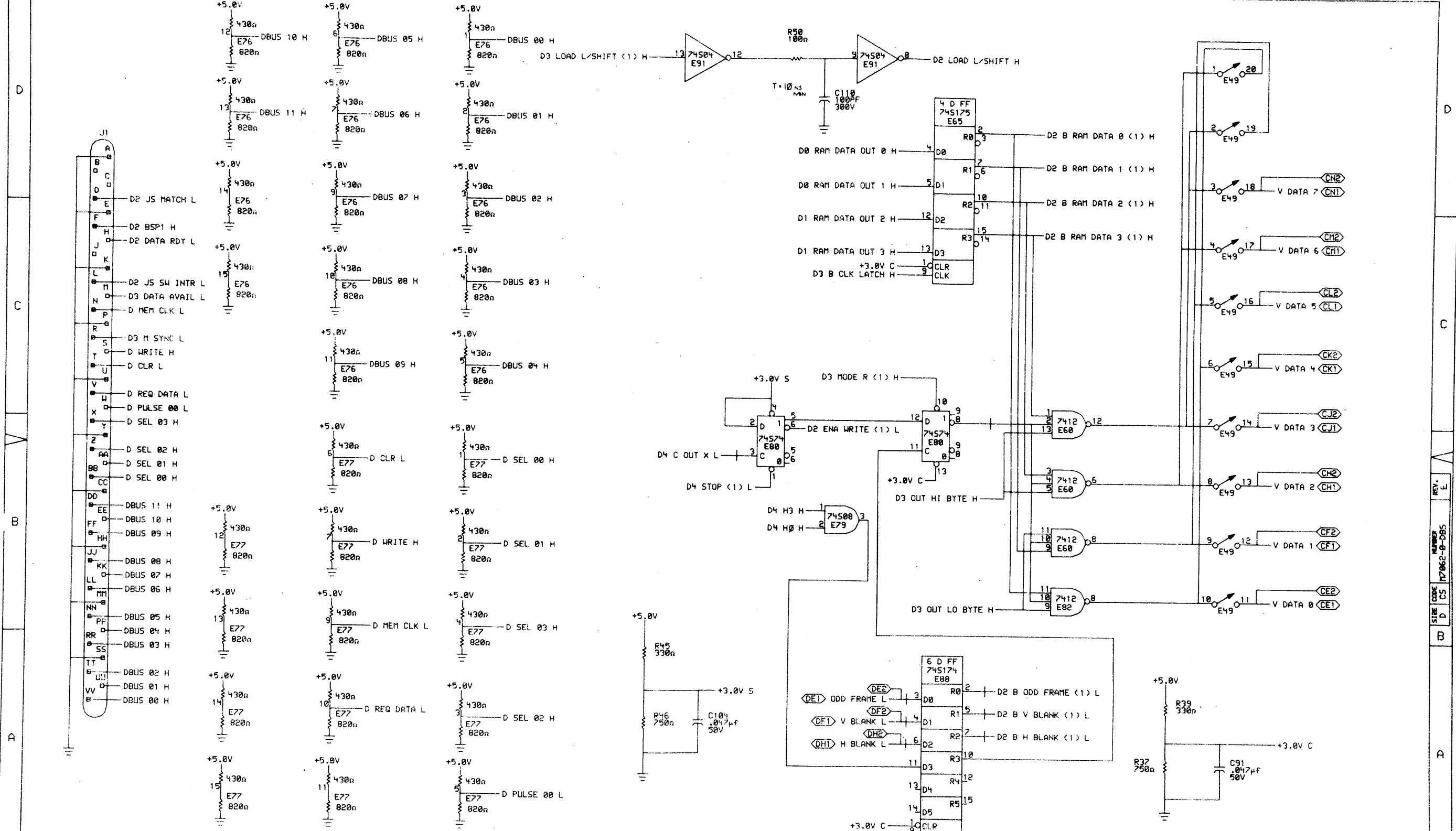
CHK	CHANGE NO.	REV

digital DRN. P. Barry DATE 11-DEC-80 ENG. DATE TITLE: IMAGE MEMORY (D1)

1364.4002 JVS01H.DRW 09-DEC-80 15:06 NEXT HIGHER ASSEMBLY: SHEET 2 OF 7 SIZE CODE NUMBER REV. D CS M7062-0-DBS E

FIRST USED ON OPTION/MODEL: VSV11 BOARD LOCATION: B-DD-M7062-0

RAMS/SERIAL VIDEO



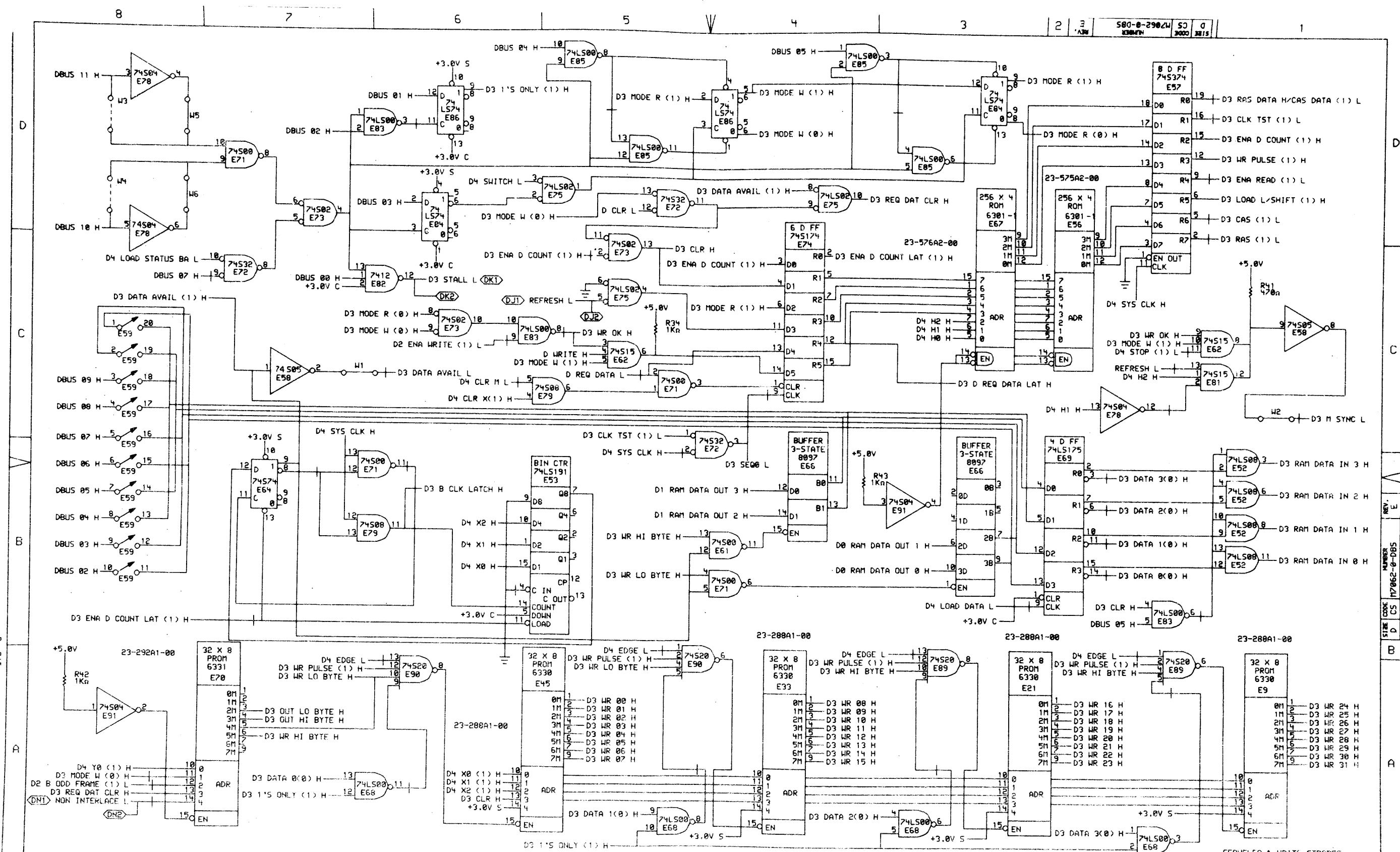
VIDEO BUS DRIVE

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DIGITAL EQUIPMENT CORPORATION.

REV.	DESCRIPTION	DATE
1	INITIAL	11-DEC-80

digit@l DRN: P. Barry DATE: 11-DEC-80 ENG. DATE: BOARD LOCATION: TITLE: IMAGE MEMORY (D2)

364-4002-VS02H-DRL 105-DEC-80 19:37 NEXT HIGHER ASSEMBLY: SHEET 3 OF 7 SIZE: CODE: D CS M7062-0-DBS NUMBER: REV. 1

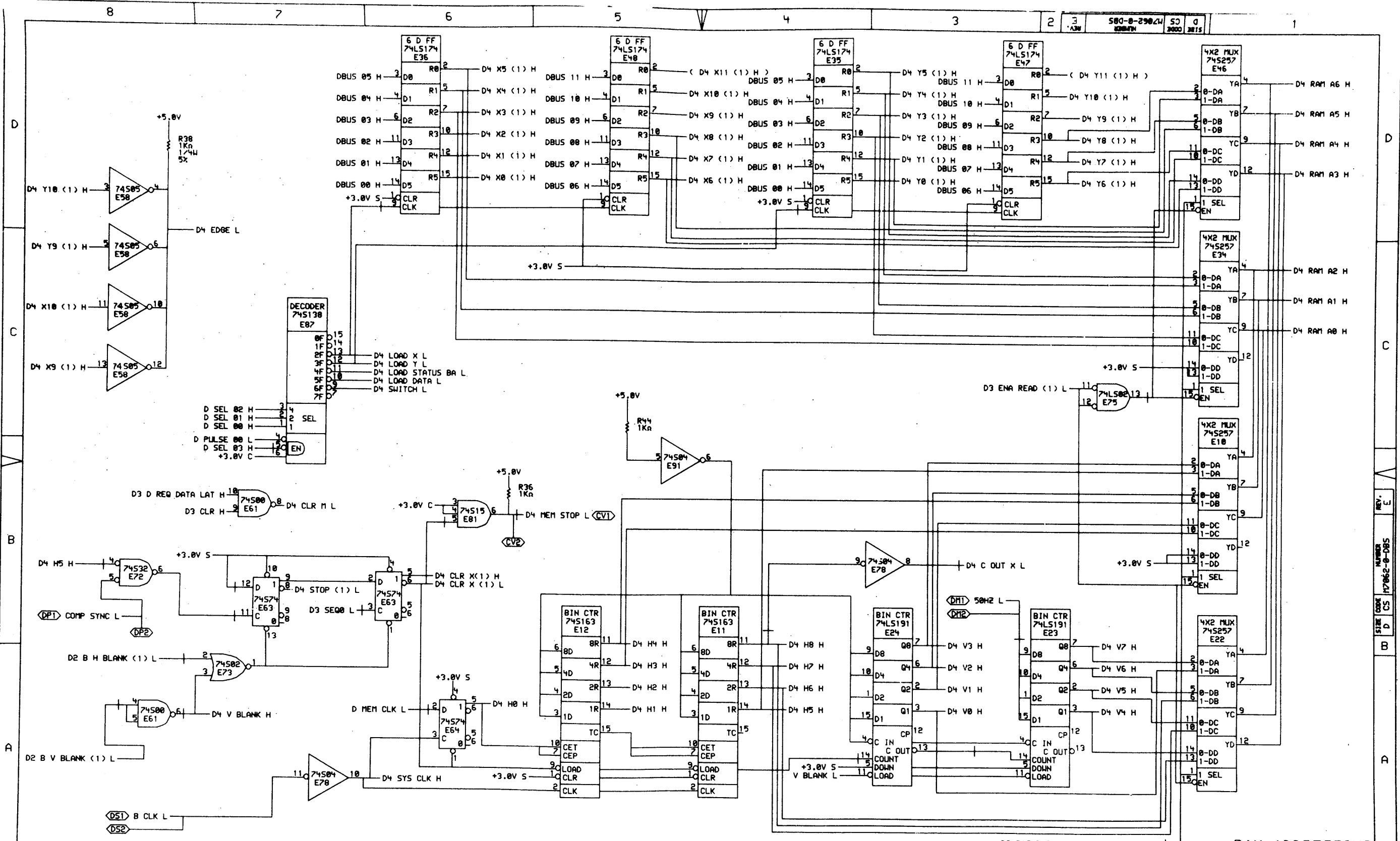


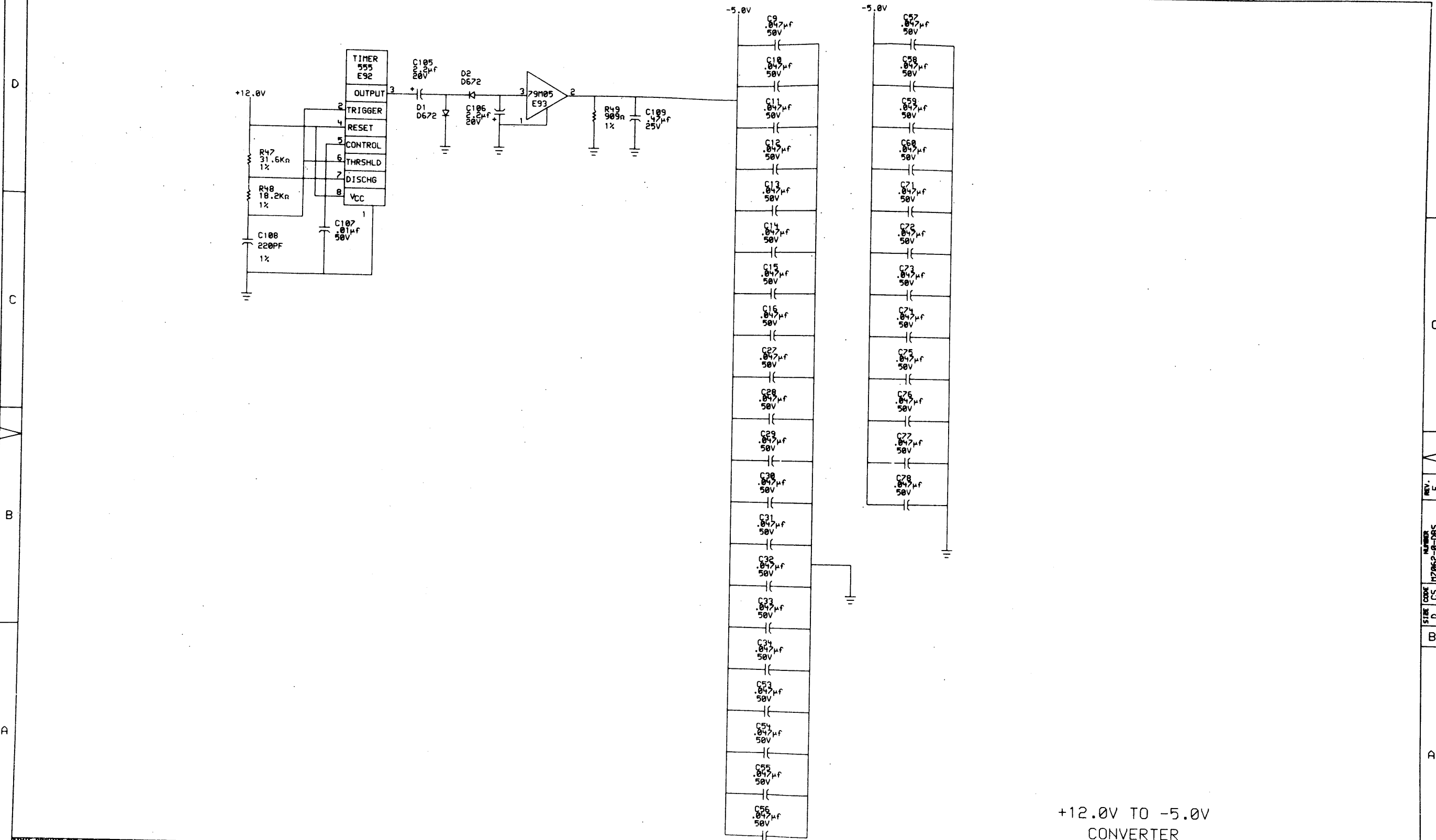
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REV.	CHANGE NO.	REV

digital	DRN. P. B. B.	DATE 11-DEC-80	DATE	TITLE: IMAGE MEMORY (D3)
	CHK'D.	DATE	BOARD LOCATION:	
FIRST USED ON OPTION MODEL: V5V11		NEXT HIGHER ASSEMBLY: D-DD-M7062-0		SIZE CODE D C5 M7062-0-DB5

REV. E
NUMBER 117062-0-DB5
SIZE CODE D C5





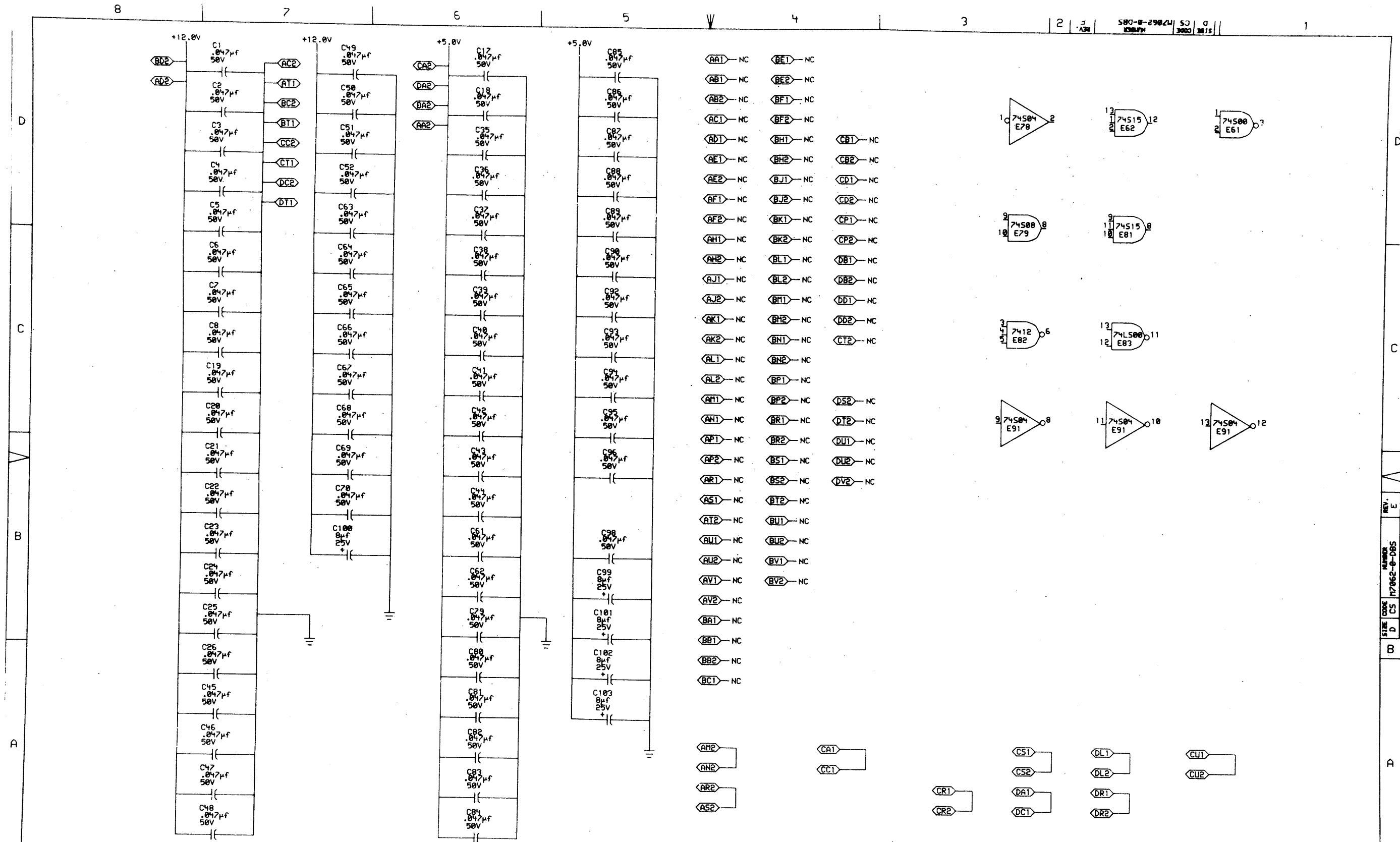
+12.0V TO -5.0V
 CONVERTER

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REVISIONS		
CHK	CHANGE NO.	REV

	DRN. <i>P. Barry</i>	DATE 11-DEC-80	ENG.	DATE	TITLE: IMAGE MEMORY (D5)
	CHK'D.	DATE	BOARD LOCATION: SHEET 6 OF 7		
FIRST USED ON OPTION/MODEL: VSV11		NEXT HIGHER ASSEMBLY: B-DD-M7061-0		SIZE CODE D CS	NUMBER M7062-0-DBS

REV. E
 NUMBER M7062-0-DBS
 CS D
 B
 A



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--	--	---------------------------------	--

DRAWING NO.	NO. OF SHTS.	PART NO.	DESCRIPTION	REVISIONS		
				A	B	
D-UA-M7064-0-0	1		IMAGE PROCESSOR	*	A	B
K-PL-M7064-0-DBP			IMAGE PROCESSOR	*	A	B
D-CS-M7064-0-1	7		IMAGE PROCESSOR	*	A	B
D-MD-5012982-0-0	5		DRILL & ETCH DRAWING	*	A	B
		5012982	ETCHED BOARD	D	E	F
K-PC-M7064-0-DBC			PC DESIGN DATA BASE (M7064)	D	E	F
D-EC-5012982-0-0	2		ETCH CUT DRAWING	*	A	B

NOTES:

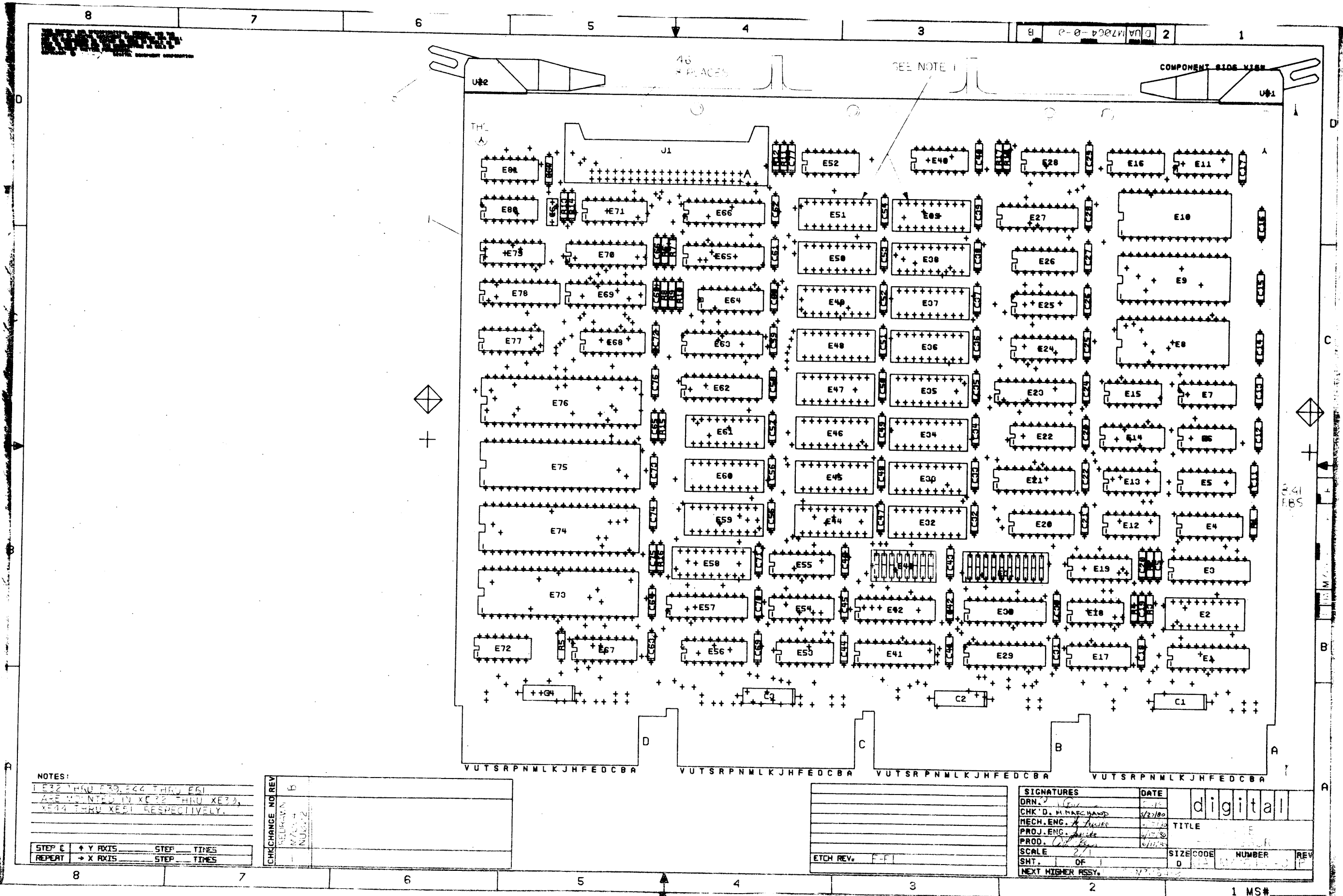
REVISIONS		
DATE	CHG NO.	REV.
	ORIG	*
3/80	N0001	A
6/80	M7064-N0002	B

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USED ON OPTION/MODEL		DRN. 14/73	50 OCT 79		TITLE
VSVII		CHK'D	* OCT 81		IMAGE PROCESSOR
ENG.	M 77		SIZE	CODE	NUMBER
PROD.			B	DD	M7064-0
		SHEET 1	OF 1		REV. B



NOTES:
 1 E32 THRU E39, E44 THRU E61
 ARE MOUNTED IN XC22 THRU XC29,
 XC44 THRU XC61 RESPECTIVELY.

STEP	Y AXIS	STEP	TIMES
REPEAT	X AXIS	STEP	TIMES

CHANGE NO	REV
1	B

ETCH REV.	F-F1
-----------	------

SIGNATURES		DATE	TITLE
DRN.		2/1/80	
CHK'D.	M. MARCHAND	2/2/80	
MECH. ENG.	A. JENSEN	2/1/80	
PROJ. ENG.	A. JENSEN	2/1/80	
PROD.	A. JENSEN	2/1/80	
SCALE	2:1	SIZE CODE	D
SHT.	OF 1	NUMBER	REV
NEXT HIGHER P.S.S.Y.			

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00		
1	1	D-MD-5012982-0-0	5012982-00	IMAGE PROCESSOR	1		
2	2		1000009-00	33.0 MMF 100V .55200PPM MICA	1		C6
3	3		1012784-00	.047 MFD 50V +80-20% CER	68		C5,C11-C77
4	4		1012084-01	8 MFD 25V +75-10% AL EL	4		C1-C4
5	5		1211164-04	SW,DIP 1P 1A 8POS	1		E43
6	6		1211164-06	SW,DIP 1P 1A 10POS	1		E31
7	7		1209941-02	HEADER 100 40POS RT ANGLE	1		J1
8	8		1213113-01	HANDLE,MODULE,	1		
9	9		1300005-01	R NETWORK 13-1K 5.0 % 14PIN	1		E72
10	10		1311003-02	R NETWORK 14-330 14-680 16PIN	1		E19
11	11		1300295-00	330.0 .25 W 5.0 % CC	4		R6,R8,R15,R17
12	12		1300250-00	150.0 .25 W 5.0 % CC	1		R13
13	13		1300316-00	470.0 .25 W 5.0 % CC	2		R4,R5
14	14		1301424-00	680.0 .25 W 5.0 % CC	4		R7,R9,R16,R18
15	15		1300365-00	1.0 K .25 W 5.0 % CC	6		R1-R3,R10-R12
16	16		1910532-00	74S00 NAND GATE-QUAD 2IN	2		E7,E80
17	17		1910534-00	74S04 INVERTER GATE-HEX 11	1		E5
18	18		1912389-00	74S08 AND GATE-QUAD 2IN,PO	3		E12,E28,E40
19	19		1910536-00	74S10 NAND GATE-TRIPLE 3IN	1		E11
20	20		1910544-00	74S74 FF-D DUAL,EDGE TRIGG	5		E6,E13,E15,E16,E81
21	21		1910545-00	74S112 FF-JK DUAL,EDGE TRIG	1		E79
22	22		1911675-00	74S138 DECODER/DEMUX 3-8 LIN	1		E20
23	23		1911676-00	74S139 DECODER-DUAL TWO-INP	1		E14
24	24		1910547-00	74S153 MUX 1 OF 4 (DUAL)	1		E68
25	25		1910957-00	74S175 FF-D QUAD COMMON CLO	1		E22
26	26		1912097-00	SN 74S182 LOOK AHD CARRY GEN	1		E77
27	27		1913493-00	74S241 OCTAL BUFFER,TRI-STA	2		E63,E70
28	28		1912728-00	74S251 MUX 1 OF 8 TRI-STA	4		E4,E54,E56,E71
29	29		1912646-00	LS253 MUX 1 OF 4 (DUAL)	2		E55,E67
30	30		1912863-00	LS273 FF-D OCTAL W/CLEAR	1		E23

REVISION HISTORY			BASIC PART NO: M7064		DRN:	P. BARRY	DATE: 8-MAY-80	DIGITAL			
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D:	M. MARCHAND	DATE: 8-MAY-80	TITLE	PARTS LIST			
	INITIAL	*	SECTION VARIATION INDEX	DES.ENG:	W. WEISKE	DATE: 8-MAY-80	IMAGE PROCESSOR				
WW	NU001	A	[A] 00	RESP.ENG.:	W. WEISKE	DATE: 8-MAY-80	DOCUMENT NUMBER	SIZE	CODE	NUMBER	REV
WW	NU002	B	[B]	MFG.ENG.:	W. WEISKE	DATE: 8-MAY-80	K	PL	M7064-0-1BP	B	
			[C]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:	FILE NAME:	EDIT #			
			[D]	D-UA-M7064-0-0		#B-DD-M7064-0	M7064F.PLS	22			

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PARTS LIST

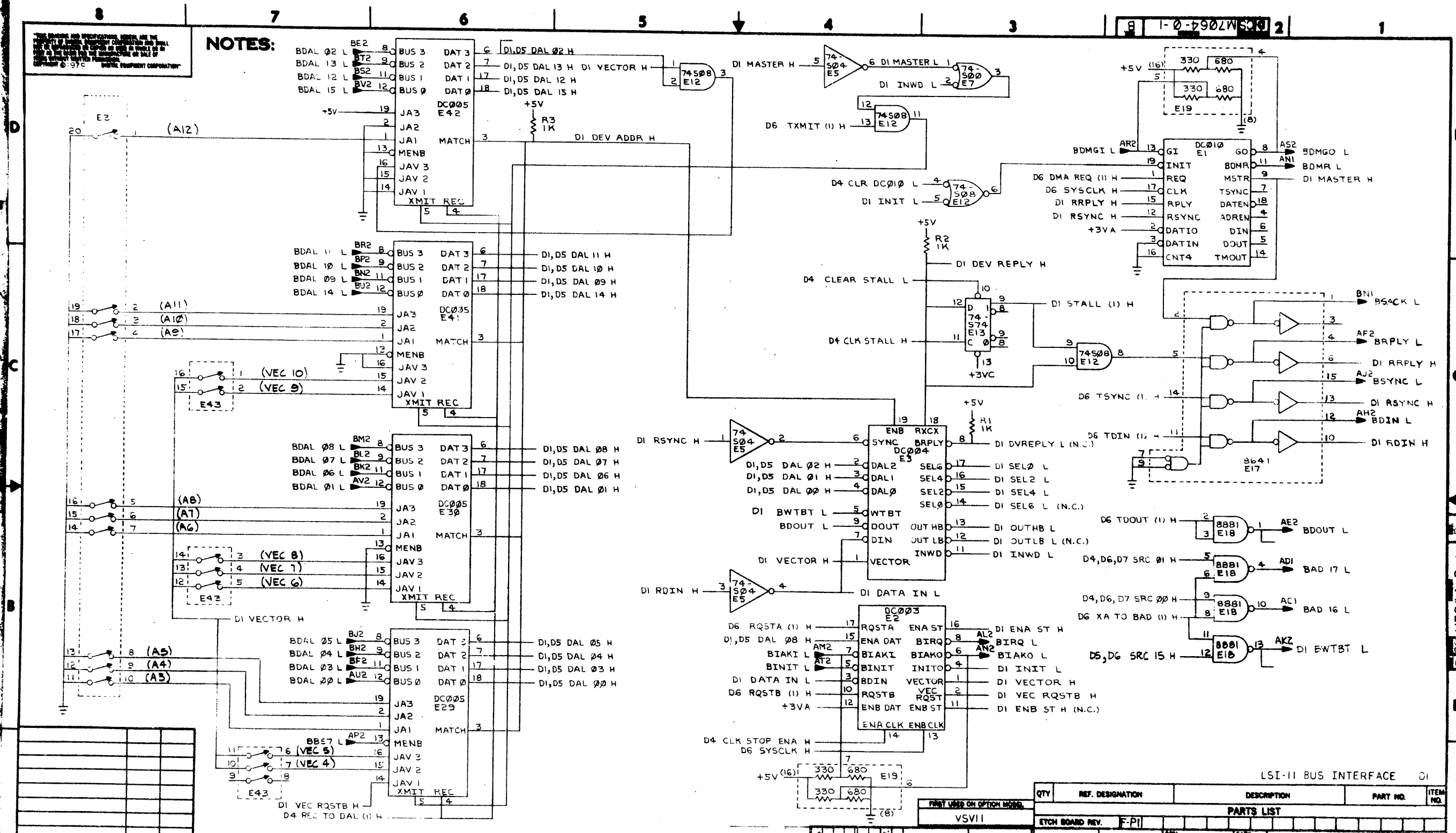
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
31	31		1913670-00	74S373 LATCH 8BIT TRASP TR	2	E66,E78
32	32		1913671-00	74S374 FF-0 OCTAL TRISTATE	6	E21,E27,E57,E62,E65,E69
33	33		1914845-00	2918 FF-0 QUAD TRI-STATE	4	E24-E26,E64
34	34		1911579-00	8641 TRANSCEIVER,BUS,QUA	1	E17
35	35		1909705-00	DEC 8881 NAND GATE-QUAD 2IN 0	2	E18,E52
36	36		1913245-01	2901A MICROPROCESSOR-4 BIT	4	E73-E76
37	37		1913772-00	AM 2909DC MICROPROGRAM SEQUEN	3	E8-E10
38	38		1912586-00	DM 85S68N REGISTER,64BIT EDGE	4	E58-E61
39	39		1912730-00	DC 003 INTERRUPT,2 CIRCUIT	1	E2
40	40		1912729-00	DC 004 PROTOCOL,REG. SELECT	1	E3
41	41		1913040-00	DC 005 TRANSCEIVER 4BIT	4	E29,E30,E41,E42
42	42		1914038-00	DC 010 BIPOLAR, MEM ADRESS,L	1	E1
43	46		9006732-00	EYELET, ROLLED FLANGE, .121 OD X	8	
44	47		1211666-00	SOCKET 18PIN IC LOW PROFILE	16	XE32-XE39,XE44-XE51
45	49		23669F1-00	F1-01	1	E32
46	50		23670F1-00	F1-01	1	E33
47	51		23671F1-00	F1-01	1	E34
48	52		23672F1-00	F1-01	1	E35
49	53		23673F1-00	F1-01	1	E36
50	54		23674F1-00	F1-01	1	E37
51	55		23675F1-00	F1-01	1	E38
52	56		23676F1-00	F1-01	1	E39
53	57		23677F1-00	F1-01	1	E44
54	58		23678F1-00	F1-01	1	E45
55	59		23679F1-00	F1-01	1	E46
56	60		23680F1-00	F1-01	1	E47
57	61		23681F1-00	F1-01	1	E48
58	62		23682F1-00	F1-01	1	E49
59	63		23683F1-00	F1-01	1	E50
60	64		23684F1-00	F1-01	1	E51

61 NOTE: REFERENCE DESIGNATIONS C7,C8,C9,C10 ARE NOT USED.

TITLE	SECTION	OF	SIZE	CODE	DOCUMENT NUMBER	REV
IMAGE PROCESSOR	A	A	K	PL	M7064-0-DBP	B

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NOTES:



NOTE: FOR SWITCHES
OFF (OPEN) = "0"
ON (CLOSED) = "1"

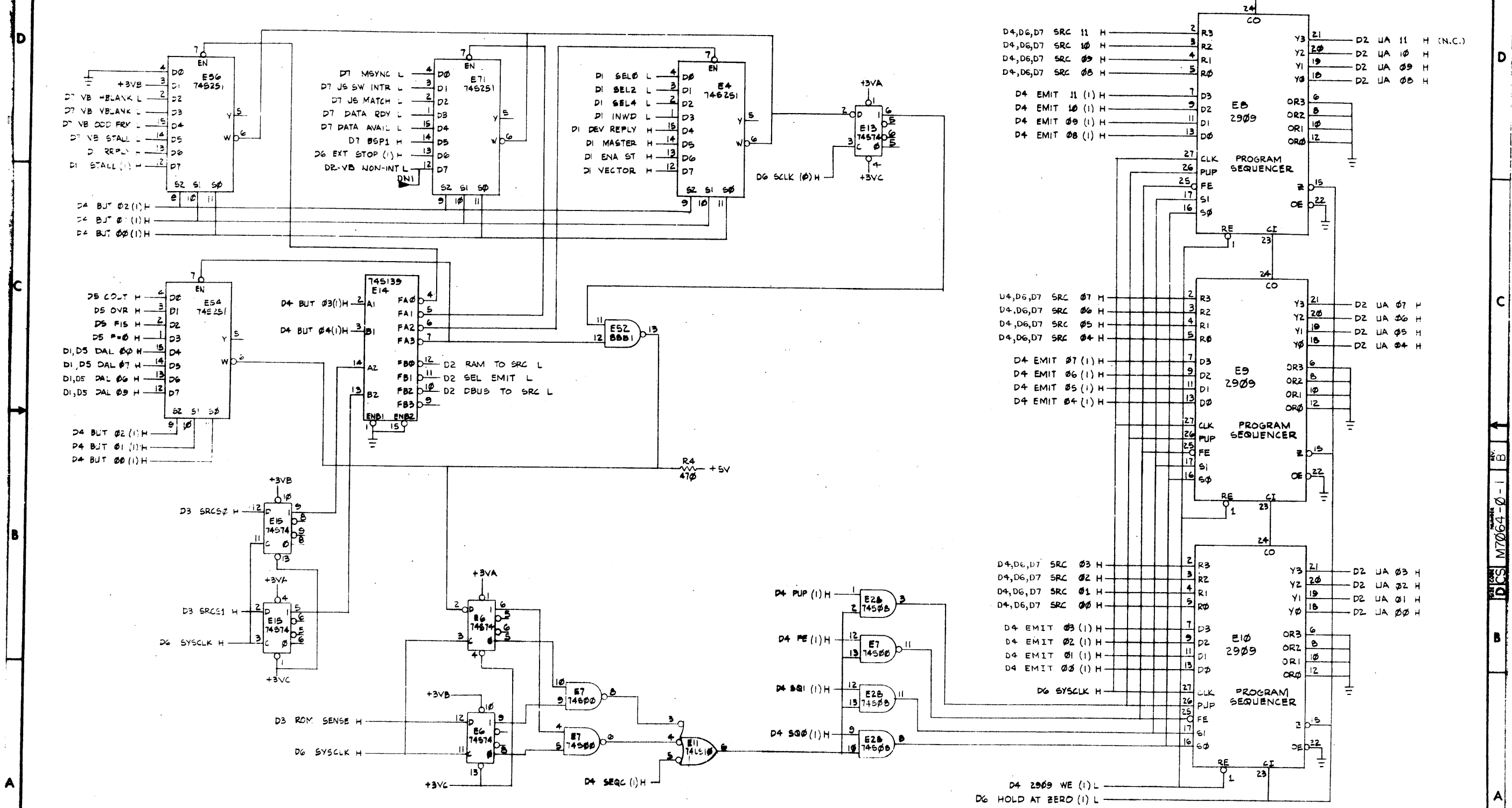
SEE SHEET B		
IC TYPE	IC PIN LOCATIONS	GND +5V
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY EXCEPTS ARE STATED ABOVE		

DEC FORM NO. 100 1000

FIRST USED ON OPTION MODEL		QTY	REF. DESIGNATION	DESCRIPTION	PART NO.	ITEM NO.
VS711			ETCH BOARD REV. F-P1	PARTS LIST		
DATE	BY	DATE	BY	TITLE		
				IMAGE PROCESSOR		
SCALE	NONE	REV.	1	D CS M7064-0-1		
SEMICONDUCTOR CONVERSION CHART						
SHEET OF 8						

D CS M7064-0-1

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D4,D6,D7 SRC 11 H 2
 D4,D6,D7 SRC 10 H 3
 D4,D6,D7 SRC 09 H 4
 D4,D6,D7 SRC 08 H 5

D4 EMIT 11 (1) H 7
 D4 EMIT 10 (1) H 9
 D4 EMIT 09 (1) H 11
 D4 EMIT 08 (1) H 13

U4,D6,D7 SRC 07 H 2
 D4,D6,D7 SRC 06 H 3
 D4,D6,D7 SRC 05 H 4
 D4,D6,D7 SRC 04 H 5

D4 EMIT 07 (1) H 7
 D4 EMIT 06 (1) H 9
 D4 EMIT 05 (1) H 11
 D4 EMIT 04 (1) H 13

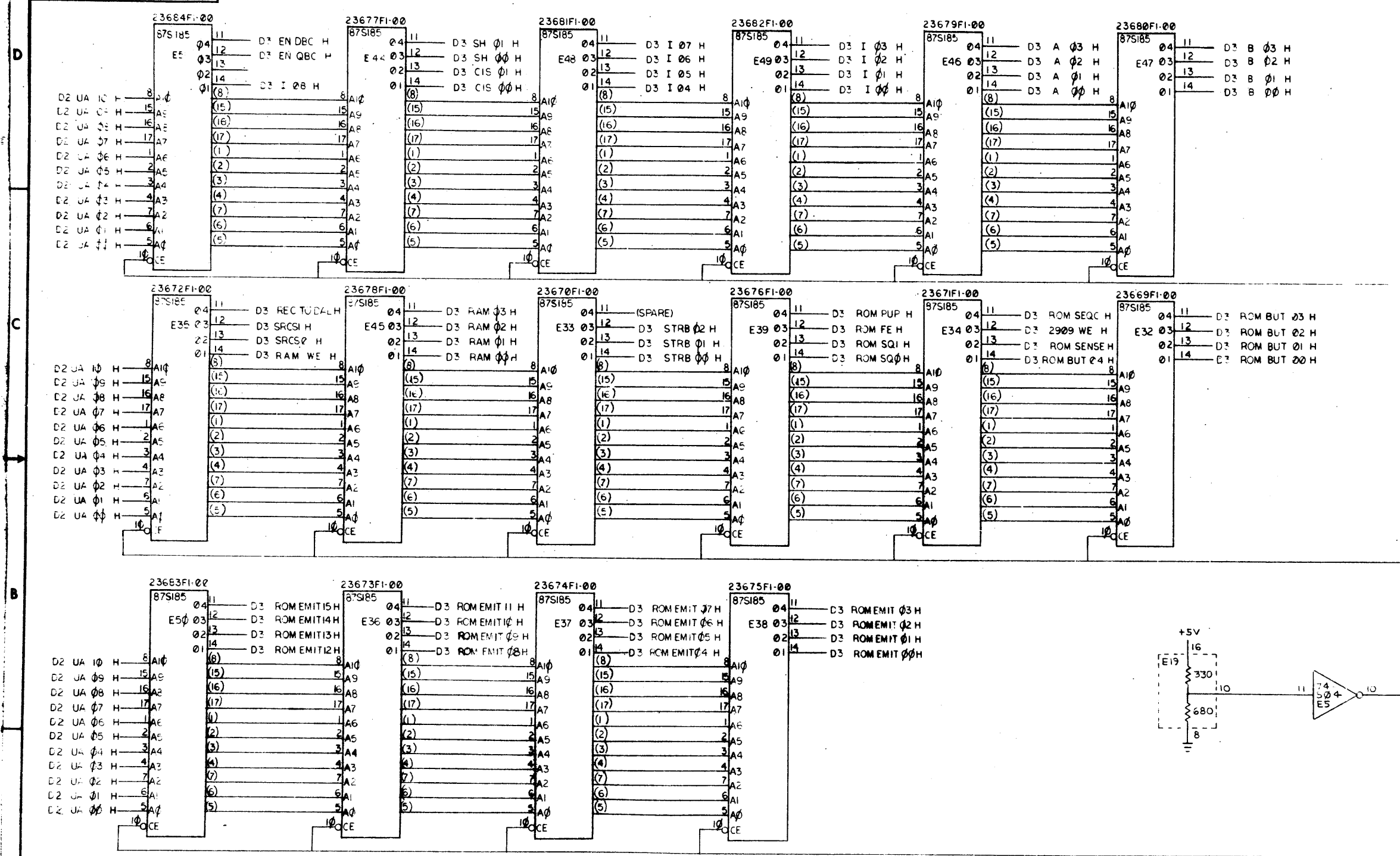
D4,D6,D7 SRC 03 H 2
 D4,D6,D7 SRC 02 H 3
 D4,D6,D7 SRC 01 H 4
 D4,D6,D7 SRC 00 H 5

D4 EMIT 03 (1) H 7
 D4 EMIT 02 (1) H 9
 D4 EMIT 01 (1) H 11
 D4 EMIT 00 (1) H 13

REVISIONS		
CHK	CHANGE NO.	REV.

PROGRAM SEQUENCER 02

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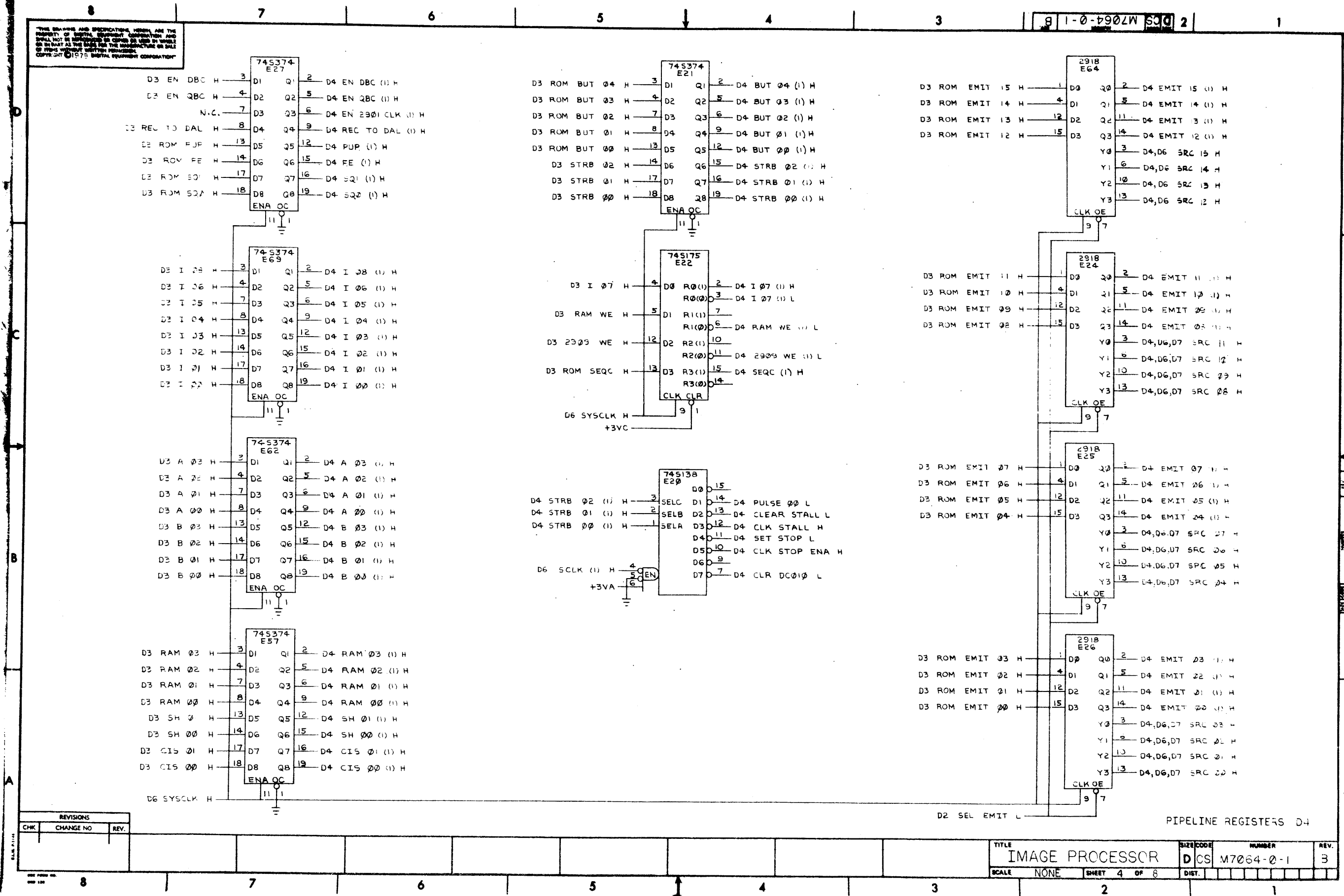


REVISIONS		
CHK	CHANGE NO.	REV.

PROGRAM ROMS 03

TITLE	IMAGE PROCESSOR	SIZE CODE	D CS	NUMBER	M7064-0-1	REV.	B
SCALE	NONE	SHEET	3	OF	6	DIST.	

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REVISIONS		
CHK	CHANGE NO	REV.

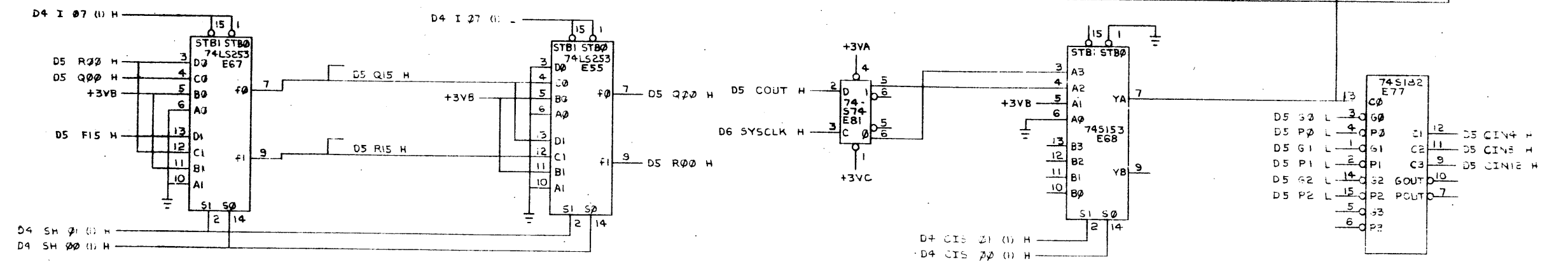
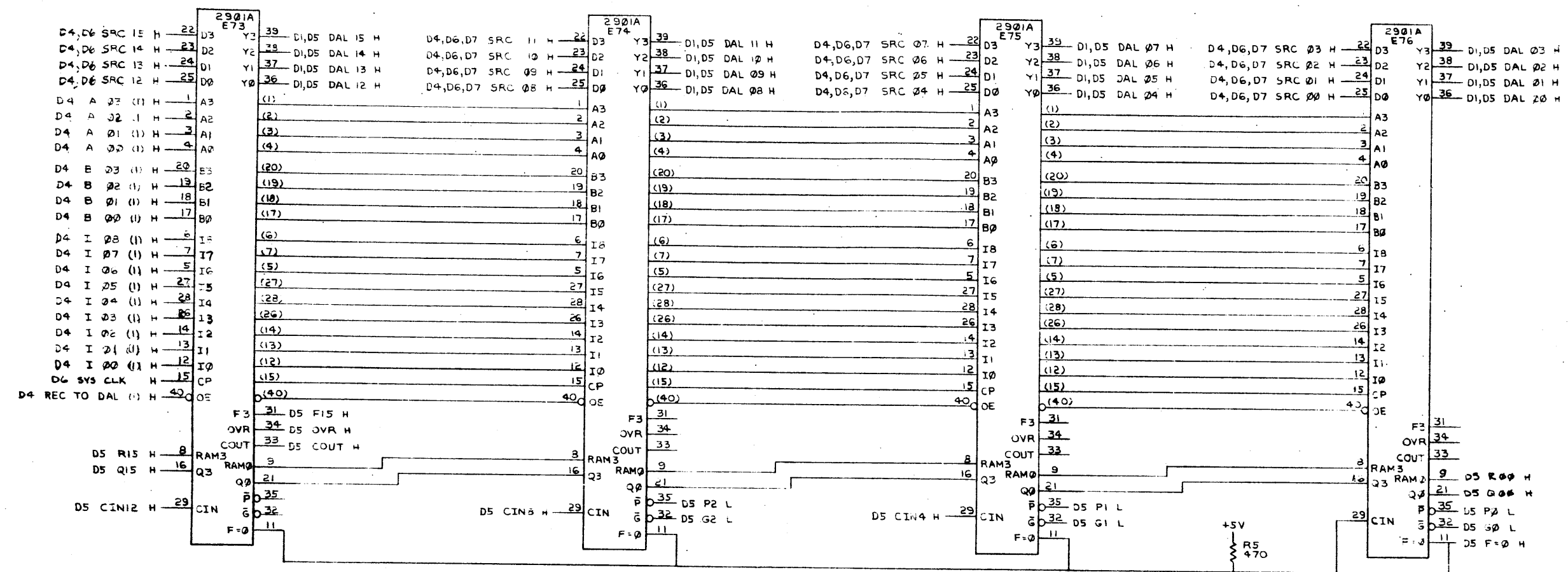
TITLE	IMAGE PROCESSOR	SIZE CODE	D CS	NUMBER	M7064-0-1	REV.	3
SCALE	NONE	SHEET	4	OF	8	DIST.	

PIPELINE REGISTERS D4

DATE PLOT

DCS M7064-0-1

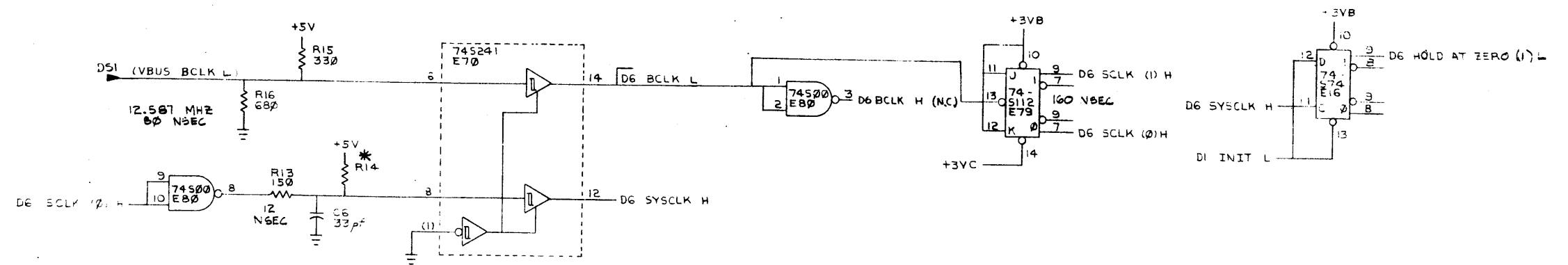
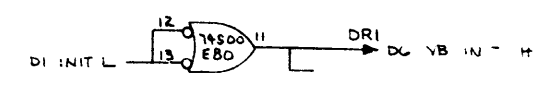
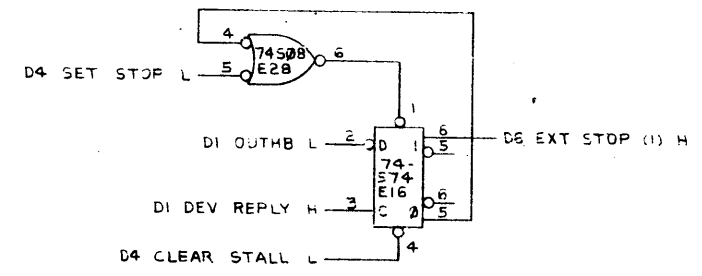
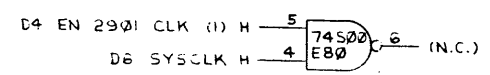
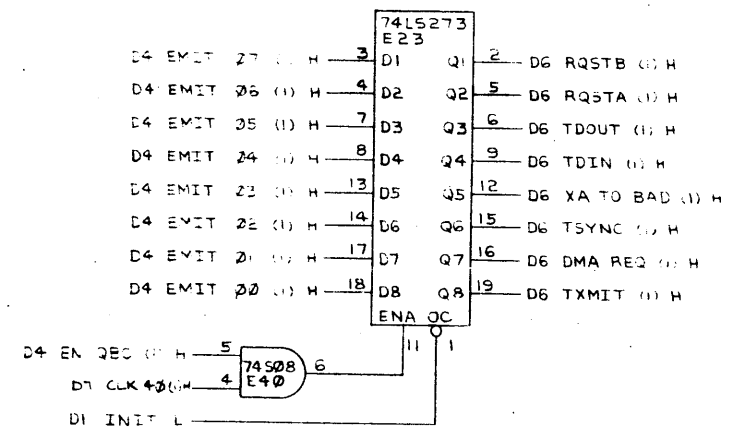
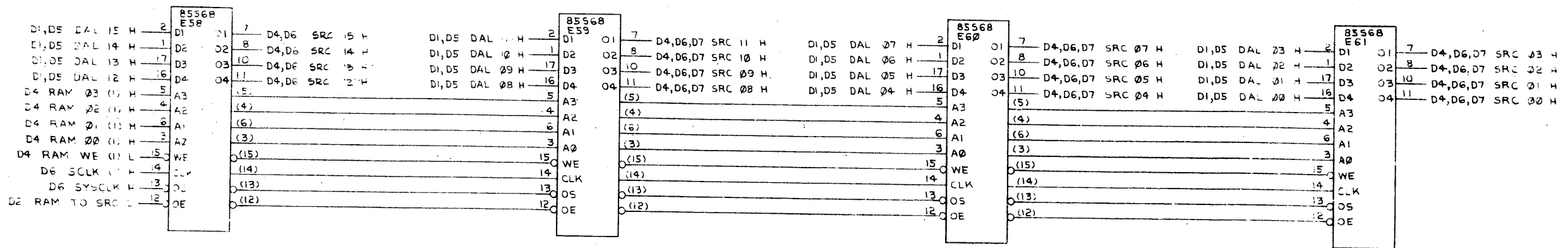
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REVISIONS		
CHK	CHANGE NO.	REV.

ARITHMETIC/LOGIC UNIT D5

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*NOTE:
R14 IS NOT INSTALLED

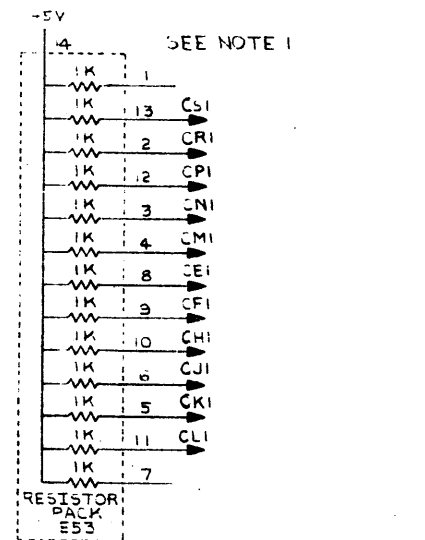
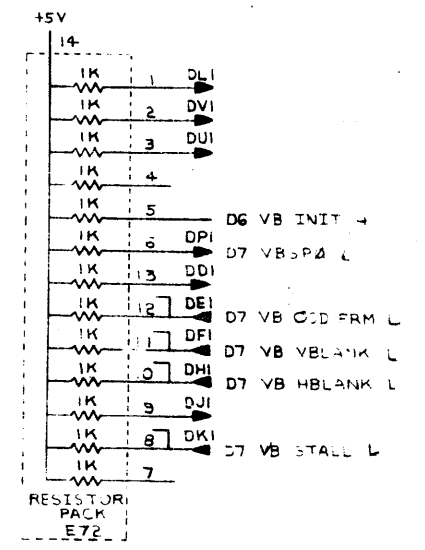
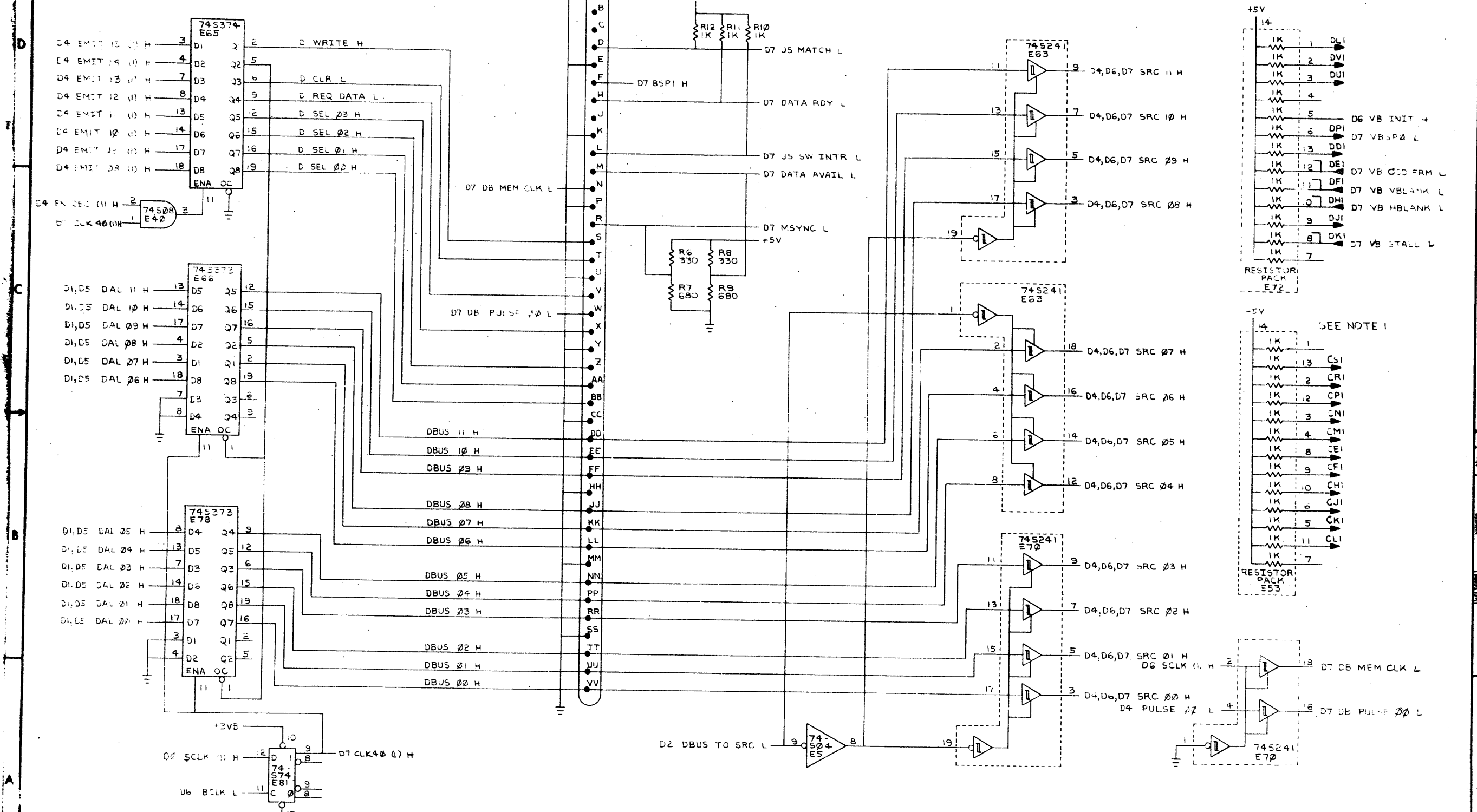
REVISIONS		
CHK	CHANGE NO.	REV.

RAM, TIMING & MISC LOGIC D6

TITLE	IMAGE PROCESSOR	SIZE CODE	DCS	NUMBER	M7064-0-1	REV.	B
SCALE	NONE	SHEET	6 OF 8	DIST.			

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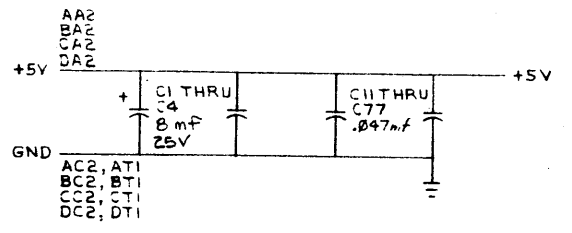
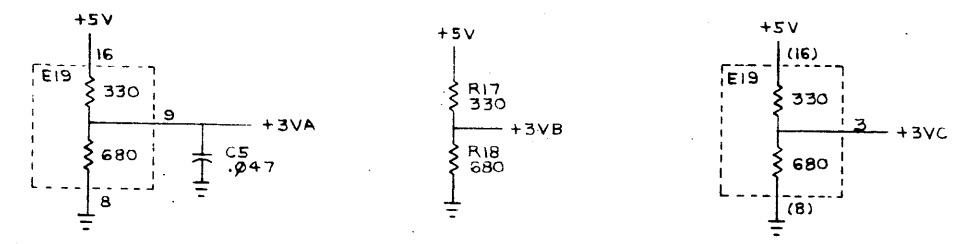
NOTES:
 1. E53 IS NOT INSTALLED.



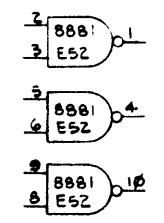
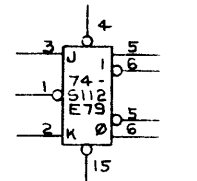
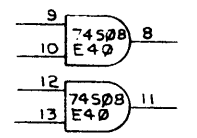
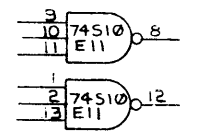
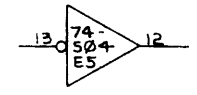
REVISIONS		
NO.	CHANGE NO.	REV.

TITLE		SIZE CODE	NUMBER	REV.
IMAGE PROCESSOR		DCS	M7064-0-1	B
SCALE	SHEET	DIST.		
NONE	7 OF 8			

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SPARES



PROM, TRI STATE	9	18
DC010	10	20
DC005	10	20
DC004	10	20
DC003	9	18
85568	9	18
2901A	14	28
8641	8	16
2918	8	16
745374	10	20
745373	10	20
74LS273	10	20
74LS253	8	16
745251	8	16
745241	10	20
745182	8	16
745175	8	16
745153	8	16
745139	8	16
745138	8	16
745112	8	16
IC TYPE	GND	+5V

GND AND 5V ARE USUALLY PINS 7 & 4 RESPECTIVELY EXCEPT WHERE STATED ABOVE

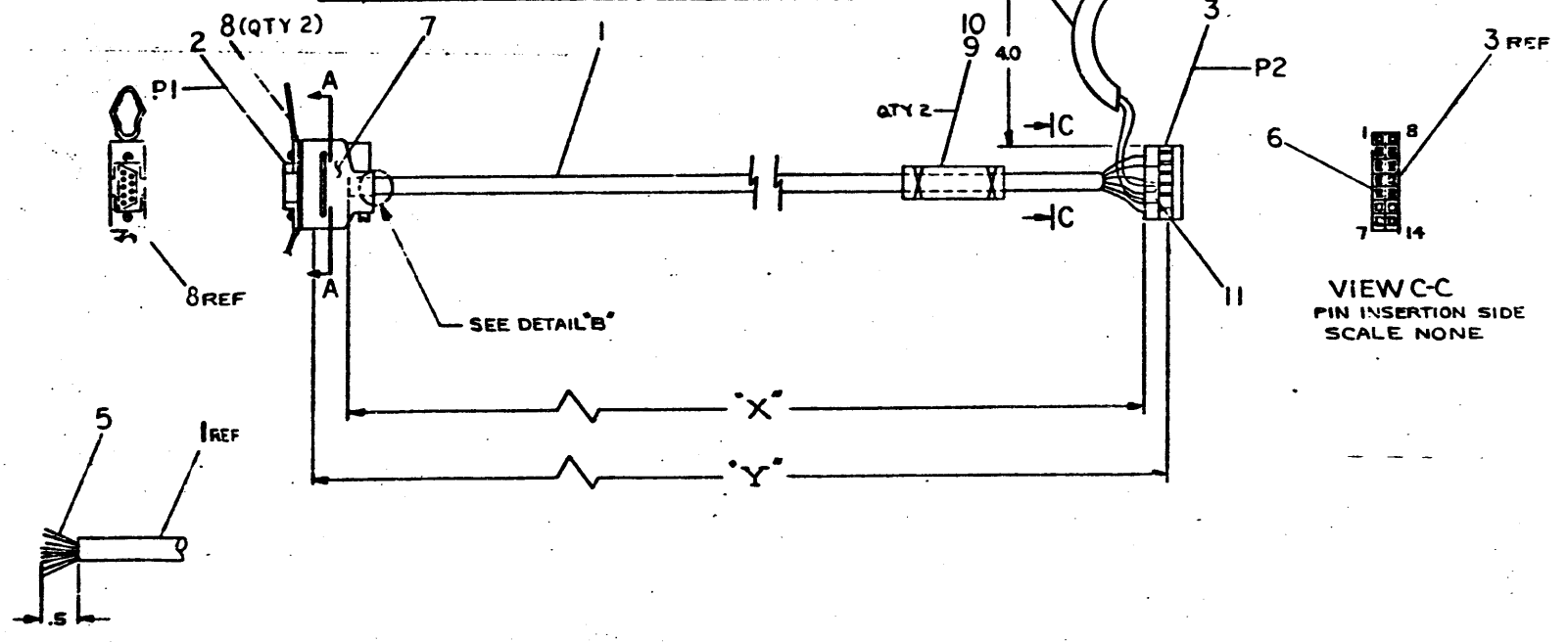
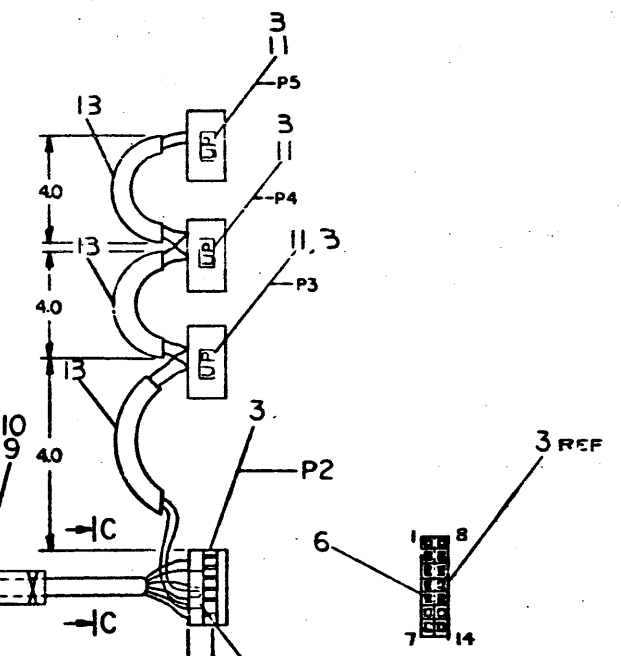
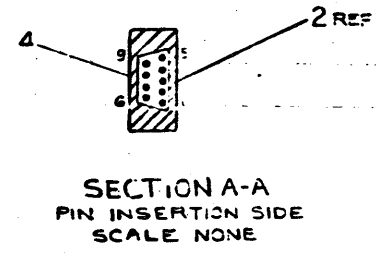
IC PIN LOCATIONS

REVISIONS		
CHK	CHANGE NO	REV.

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WIRE TABLE					
ITEM NO.	DESCRIPTION	FROM	TO	REMARKS	
NO.	AWG	COLOR	CONN WITH	CONN WITH	
1	24	RED	P1-1	P2-2	JOY +V
	24	BLK	P1-2	P2-9	JOY -V
	24	BLU	P1-4	P2-10	JOY X
	24	ORN	P1-5	P2-4	JOY Y
	24	SHIELD	P1-6	P2-3	GND
	24	WHT	P1-7	P2-5	SW SUP
	24	GRN	P1-8	P2-12	SW RTN
14	26	GRN	P2-12	P3-12	SW RTN
			P3-12	P4-12	SW RTN
			P4-12	P5-12	SW RTN
15	26	WHT	P2-5	P3-5	SW SUP
			P3-5	P4-5	SW SUP
			P4-5	P5-5	SW SUP
16	26	ORN	P2-4	P3-4	JOY Y
			P3-4	P4-4	JOY V
			P4-4	P5-4	JOY Y
17	26	BLU	P2-10	P3-10	JOY X
			P3-10	P4-10	JOY X
			P4-10	P5-10	JOY X

LEGEND		
NUMBER	DIM "X" VAR.	DIM "Y" PRECUT VAR.
7015822-0	20 FT 0 IN.	20 FT 2 IN.
7015822-1	20 FT 0 IN.	20 FT 2 IN.



21	- WIRE, 26 AWG (BLU)	9107636-66	17	
21	- WIRE, 26 AWG (ORN)	9107636-33	16	
21	- WIRE, 26 AWG (WHT)	9107636-99	15	
21	- WIRE, 26 AWG (GRN)	9107636-55	14	
1	- TUBING, SPIRAL	9107241-09	13	
1	- TUBING, SHRINK	9107250-00	12	
4	1	STICKER, UP	3615746	11
2	2	TUBING, SHRINK (.034 ID)	9107714	10
1	1	LABEL, CABLE I.D.	3616073	9
2	2	LATCH ASSY, SPRING	1212702-00	8
1	1	CONN, J SUB SHELL	1211245-01	7
7	7	SOCKET, CRIMP CONN	1210039-6	6
1	1	TUBING, THIN WALL	9107278-11	5
7	7	SOCKET, 18 AWG	1212583-01	4
4	4	TERMINATOR, 14 POS HOUSING	1210918-30	3
1	1	CONN, J SUB 9 PIN	1211244-01	2
1	1	CABLE 6 COND 24 AWG	9107733-00	1

DESCRIPTION	DWG. PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
CLASS OF ACCURACY		
SURFACE QUALITY		
MICROFINISH		
QUANTITY & VARIATION		
FIRST USED ON		
TITLE		
MATERIAL		
FINISH		

DRN: J. J. ...
 CHAD: ...
 ENG: ...
 PROD: ...
 NEXT: ...

REMOVE BURRS AND SHARP CORNERS
 DO NOT SCALE DWG

SCALE: NONE
 SHEET: 1 OF 1

DRN: J. J. ...
 CHAD: ...
 ENG: ...
 PROD: ...
 NEXT: ...

REMOVE BURRS AND SHARP CORNERS
 DO NOT SCALE DWG

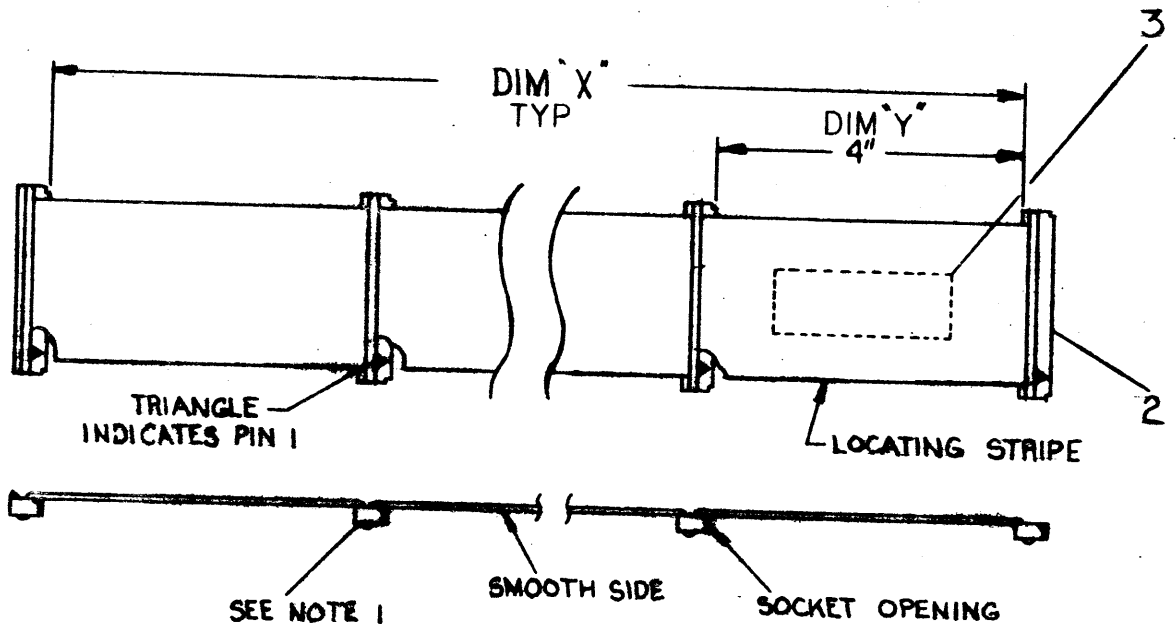
SCALE: NONE
 SHEET: 1 OF 1

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LEGEND		
NUMBER	VARIATION	
	DIM 'X' TYP	DIM 'Y' ± .5
7015987-0M	12 1/4 IN.	4 IN.
7015987-1K	24 5/8 IN.	
7015987-2D	32 7/8 IN.	

NOTES:

1. WHEN MAKING CABLE MAKE LOOP FLUSH WITH CONNECTOR.
2. VARIATION 7015987-0M CORRESPONDS TO A 4 CONNECTOR CABLE (AS SHOWN) THE -1K VARIATION CORRESPONDS TO A 7 CONNECTOR CABLE, AND THE -2D VARIATION CORRESPONDS TO A 9 CONNECTOR CABLE.
3. SEE A-SP-1211206-00 FOR ASSY. OF CONNECTOR.



REV.	CHG. NO.	BY	DATE
B		DOUG PRATT	
A		DOUG PRATT	

1	1	1	LABEL, E.C.C.	9009532-00	3
9	7	4	CONNECTOR, FEMALE	2M1124A-00	2
365275	14		CABLE, FLAT W/O CONN.	9107747-01	1

7015987-2D	7015987-1K	7015987-0M
------------	------------	------------

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		NOMINAL DIMENSION RANGE INCHES					
ANGLES 45° 30'	CLASS OF ACCURACY (CHECK ONE)	OVER		UNDER		TOLERANCE	
		0	0.2	0.2	0.5	0.5	0.5
SURFACE QUALITY IN	MEDIUM	±.004	±.008	±.012	±.016	±.024	±.04
	PREFERRED	±.012	±.016	±.024	±.04	±.063	±.1

THIRD ANGLE PROJECTION	DRN. <i>J. Smith</i>	FIRST USED ON	VSVII
REMOVE DIMS AND BREAK SHARP CORNERS	CHK'D <i>B. Kelly</i>	TITLE	CABLE, DATA
DO NOT SCALE DWG	ENG. <i>D. Pratt</i>	PROJ. ENG.	
MATERIAL	PROD. <i>D. Pratt</i>	SCALE	NONE
SEE PARTS LIST	NEXT HIGHER ASSY.	SIZE CODE	C IA
FINISH		NUMBER	7015987-0-0
		REV.	B

C/A 7015987-0-0 B

NK

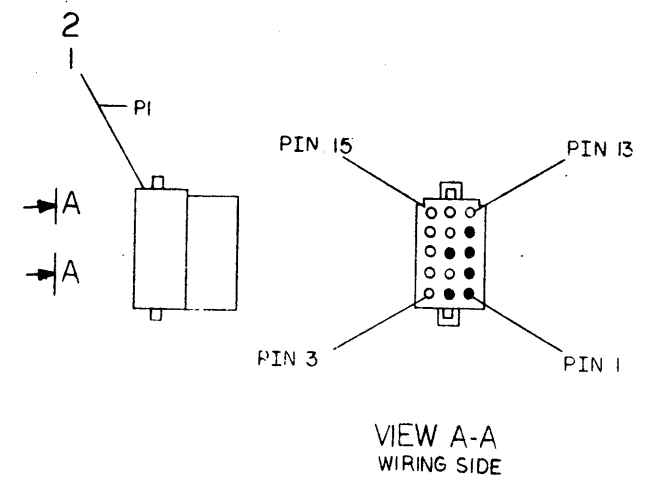
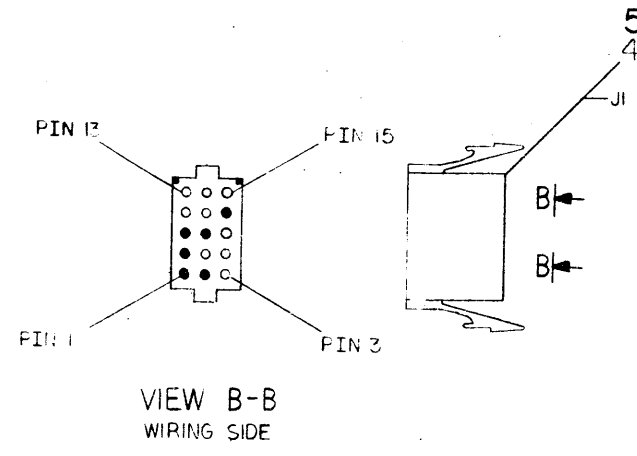
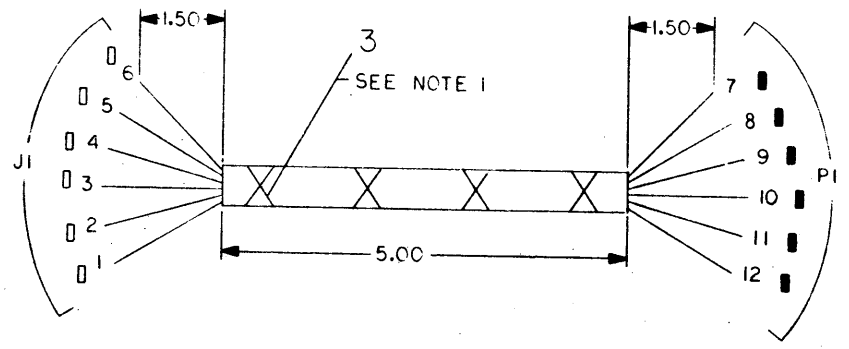
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* 0-0-008910Z V1 d 2

WIRE TABLE										
ITEM NO.	DESCRIPTION	FROM			TO			REMARKS	LENGTH	
		AWG	COLOR	POINT	CONNECTION	TERM	POINT			CONNECTION
7	14	RED	1	J1-12	ITEM #5	12	PI-10	ITEM #2	+5VB	8 IN.
6	14	BLK	2	J1-8	↑	11	PI-8	↑	GND	↑
6	14	BLK	3	J1-7		10	PI-7		GND	
7	14	RED	4	J1-4		9	PI-4		+5V	
5	18	GRY	5	J1-2	↓	8	PI-2	↓	+15V	↓
7	14	RED	6	J1-1		ITEM #5	7		PI-1	

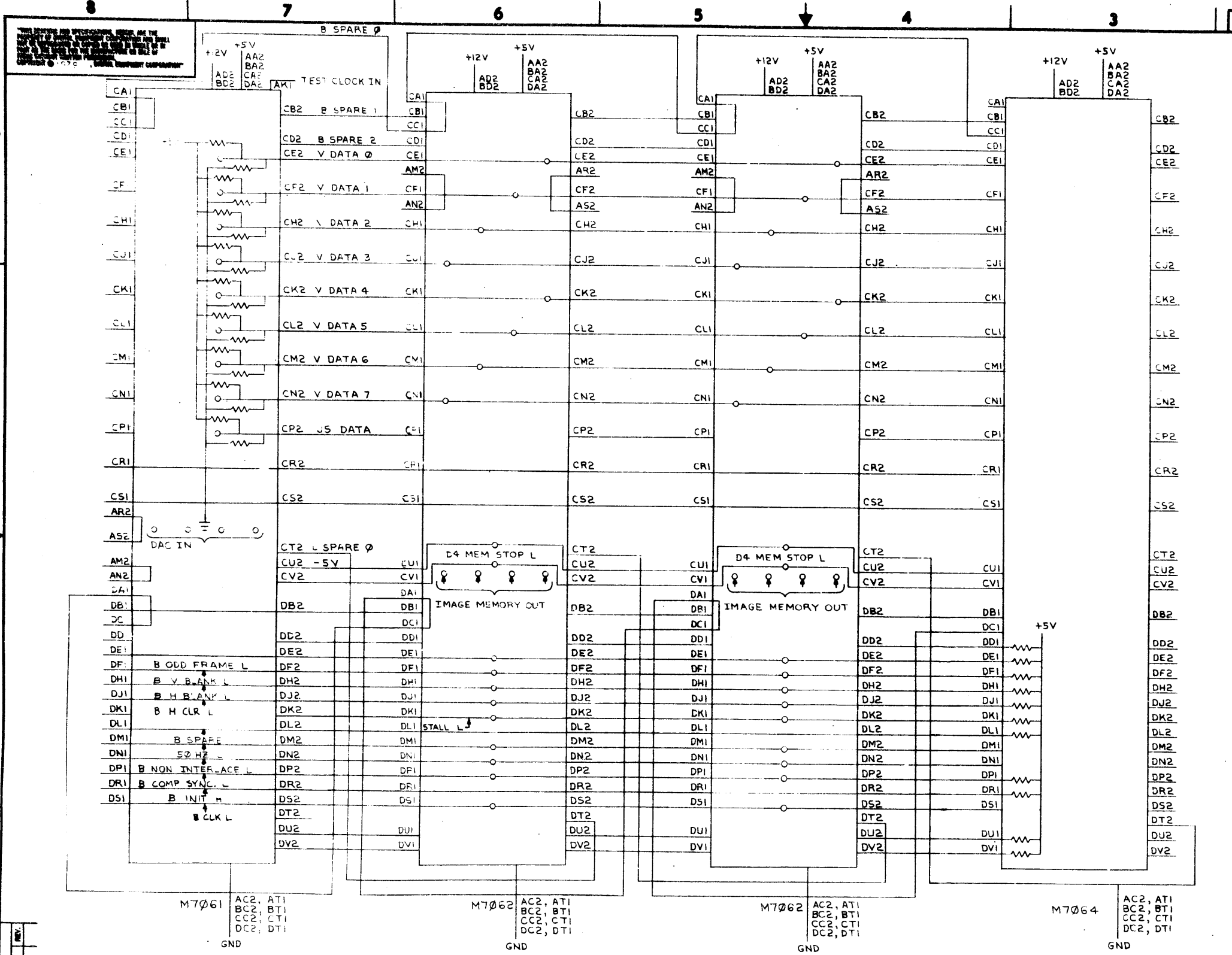
- NOTES:
- TIE CABLE (X) WHERE INDICATED.
 - STRIP .125 IN. BEFORE CRIMPING.
 - CABLE LENGTH, 8 INCHES ±.500 INCHES.
 - ATTACH CABLE LABEL, ITEM #9, *3616073-00.

SEE NOTE 2



QTY	DESCRIPTION	QTY	DESCRIPTION	QTY	DESCRIPTION
1	IDENTIFICATION LABEL	3616073-00	9		
1	WIRE, #18 AWG, STRD, GRY	9107360-88	8		
1	WIRE, #14 AWG, STRD, RED	9107370-22	7		
1	WIRE, #14 AWG, STRD, BLK	9107370-00	6		
6	PIN, SOCKET	1209379-01	5		
1	CONN, 15 PIN	1209350-15	4		
X 4	TIE WRAP	9007880-00	3		
6	PIN, MALE	1209378-01	2		
1	CONN, 15 PIN	1209351-15	1		

SYMB	DESCRIPTION	QTY	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
ANGLES 30° 20°	CLASS OF ACCURACY	DIMENSIONAL TOLERANCES IN INCHES		
SURFACE QUALITY IN	(CHECK ONE)	FINISH	FINISH	FINISH
		12.5	12.5	12.5
QUANTITY & VARIATION	MICROINCHES	PREFERRED	1.012	1.018
THIRD ANGLE PROJECTION	DRN: [Signature]	10-77	FIRST USED ON	VSVII
REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D: [Signature]	10-77	TITLE	HARNESS ADAPTER
DO NOT SCALE DIMS	ENG: [Signature]	10-77	DDVII-CK-BALL-P/F	
MATERIAL	PROD: [Signature]	10-77		
FINISH	0-UA-VSVII-0-0	SIZE CODE	NUMBER	REV.
	SCALE	D	IA 7016830-0-0	A
	SHEET	OF	DIST.	



- NOTES:
1. THIS PRINT REPRESENTS A TOP VIEW (MODULE SIDE) OF THE C & D SLOTS OF A 49273 BACKPLANE (E/F OF DDV1-CK). THE 1-2 INTERCONNECT SCHEME OF THE BACKPLANE IS SHOWN, AND THE INTERNAL SIGNAL CONNECTIONS OF A TYPICAL SET OF VIDEO MODULES IS GIVEN.
 2. THE M7064 MODULE IS ALWAYS THE LAST MODULE OF A VIDEO SET. IT BREAKS THE 1-2 SIGNAL CHAIN AND TERMINATES VIDEO SIGNALS.
 3. THE M7061 TERMINATES THE VIDEO SIGNALS ON THE END OPPOSITE FROM THE M7064. IT IS ALWAYS THE FIRST MODULE OF A VIDEO SET.

REV. 1
 CHANGE NO.
 DATE

DRN. <i>[Signature]</i>	FIRST USED ON	VSVII	20-0000
CHK. <i>[Signature]</i>	TITLE	VSVII BACKPLANE INTERCONN	
ENR. <i>[Signature]</i>	SCALE	NONE	
PROJ. ENG. <i>[Signature]</i>	SIZE	D	IC
PROD. <i>[Signature]</i>	NUMBER	VSVII-0-2	REV. A
NEXT HIGHER ASSY.		SHEET OF DIST	

DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION											NOTES:
MADE BY <i>D.D. Cane</i> DATE <i>19-AUG-80</i>		CHECKED <i>D.D. Cane</i> DATE <i>19-AUG-80</i>		SECTION											
ENG <i>J. H. Smith</i> DATE <i>20 AUG 80</i>		PROD <i>C.R. Davis</i> DATE <i>20 AUG 80</i>		ISSUED SECTION											
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	VSV11-AA	VSV11-AB	VSV11-AC	VSV11-AD	VSV11-AE	VSV11-AF	VSV11-AH	VSV11-AJ	VSV11-AP	VSV11-AR	VSV11-AS	
1	B-TC-VSV11-0-1	MP01103	FIELD MAINT. PRINT SET (COMPLETE)	1	1	1	1	1	1	1	1	1	1	1	
2		VSV11-AA	VIDEO GRAPHICS 120V/60HZ	1	-	-	-	-	-	-	-	-	-	-	
3		VSV11-AB	VIDEO GRAPHICS 240V/50HZ	-	1	-	-	-	-	-	-	-	-	-	
4		VSV11-AC	VSV11-AA W/SEC FRAME BUFFER	-	-	1	-	-	-	-	-	-	-	-	
5		VSV11-AD	VSV11-AB W/SEC FRAME BUFFER	-	-	-	1	-	-	-	-	-	-	-	
6		VSV11-AE	VSV11-AA W/12" B/W MONITOR & KEYB.	-	-	-	-	1	-	-	-	-	-	-	
7		VSV11-AF	VSV11-AB W/12" B/W MONITOR & KEYB.	-	-	-	-	-	1	-	-	-	-	-	
8		VSV11-AH	VSV11-AE W/SEC FRAME BUFFER	-	-	-	-	-	-	1	-	-	-	-	
9		VSV11-AJ	VSV11-AF W/SEC FRAME BUFFER	-	-	-	-	-	-	-	1	-	-	-	
10		VSV11-AP	VSV11-AA W/19" COLOR MONITOR & KEYBOARD	-	-	-	-	-	-	-	-	1	-	-	
11		VSV11-AR	VSV11-AB W/19" COLOR MONITOR & KEYBOARD	-	-	-	-	-	-	-	-	-	1	-	
12		VSV11-AS	VSV11-AP W/SEC FRAME BUFFER	-	-	-	-	-	-	-	-	-	-	1	
13		VSV11-AT	VSV11-AR W/SEC FRAME BUFFER	-	-	-	-	-	-	-	-	-	-	-	
14		VSV11-MA	IMAGE MEMORY	-	-	-	-	-	-	-	-	-	-	-	
15		VSV11-SA	SYNC. GEN VIDEO CABLES	-	-	-	-	-	-	-	-	-	-	-	
16		VSV11-SB	SYNC. GEN VIDEO CABLES	-	-	-	-	-	-	-	-	-	-	-	
17		VSV11-SC	SYNC. GEN VIDEO CABLES, JOYSTICK CABLE	-	-	-	-	-	-	-	-	-	-	-	
18		VSV11-SD	SYNC. GEN VIDEO CABLES, JOYSTICK CABLE	-	-	-	-	-	-	-	-	-	-	-	

E.C.O. NO.
VSV11-
N0001
VSV11-
N0003

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TITLE
SHIPPING LIST

ASSY NO.
SHEET 1 OF 4

SIZE CODE NUMBER REV.
B PL VSV11-0-3 C

INSERTION PARTS LIST DATA BASE REV

DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION											NOTES:
MADE BY <i>D. D. Lane</i>		CHECKED <i>D. D. Lane</i>													
DATE <i>19-Aug-80</i>		DATE <i>19-Aug-80</i>													
ENG DATE		PROD DATE													
		SECTION													REF DESIGNATION
		ISSUED SECTION													
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	VSV11-AA	VSV11-AB	VSV11-AC	VSV11-AD	VSV11-AE	VSV11-AF	VSV11-AH	VSV11-AJ	VSV11-AP	VSV11-AR	VSV11-AS	
19		VSV11-SE	SYNC. GEN VIDEO CABLES, MULT J.S. CABLE	-	-	-	-	-	-	-	-	-	-	-	
20		VSV11-SF	SYNC. GEN VIDEO CABLES, MULT J.S. CABLE	-	-	-	-	-	-	-	-	-	-	-	
21		VSV11-SH	SYNC. GEN VIDEO CABLES	-	-	-	-	-	-	-	-	-	-	-	
22	TC-VRV02-0-1	MP01054	FIELD MAINT. PRINT SET VRV02	-	-	-	-	-	-	-	-	1	1	1	
23	YNC183C-00		VSV11/VSV11 RASTER GRAPHICS SYSTEM OPTION DESCRIPTION	1	1	1	1	1	1	1	1	1	1	1	
24			INSTALL, OPER, AND MAINT. MANUAL FOR HM-2719 COLOR MONITOR	-	-	-	-	-	-	-	-	1	1	1	
25		AC-E768A-MC	CVVSA/VSV11 DIAGNOSTIC PROGRAM	1	1	1	1	1	1	1	1	1	1	1	
			NOTE: DIAGNOSTICS WILL BE SUPPLIED ON THE MEDIA AS REQUIRED BY THE CUSTOMER.												
26	TC-VT100-0-1	MP00633	VT100 FIELD MAINT. PRINT SET	-	-	-	-	1	1	1	1	-	-	-	
27	EK-VT100-UG-002		VT100 USER GUIDE	-	-	-	-	-	-	-	-	1	1	1	
28															
29															

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TITLE SHIPPING LIST

ASSY NO.

SIZE B CODE PL

NUMBER VSV11-0-3 REV. C

SHEET 2 OF 4

INSERTION PARTS LIST DATA BASE REV

DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY *D. D. Lane* CHECKED *D. D. Lane*
 DATE *19-AUG-80* DATE *19-AUG-80*

SECTION
ISSUED SECTION

QUANTITY / VARIATION

NOTES:

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	VSV11-AT	VSV11-MA	VSV11-SA	VSV11-SB	VSV11-SC	VSV11-SD	VSV11-SE	VSV11-SF	VSV11-SH	VSV11-BA	VSV11-BB	REF DESIGNATION
1	B-TC-VSV11-Ø-1	MPØ11Ø3	FIELD MAINT. PRINT SET (COMPLETE)	1	-	-	-	-	-	-	-	-	1	1	
2		VSV11-AA	VIDEO GRAPHICS 12ØV/6ØHZ	-	-	-	-	-	-	-	-	-	1	-	
3		VSV11-AB	VIDEO GRAPHICS 24ØV/5ØHZ	-	-	-	-	-	-	-	-	-	-	1	
4		VSV11-AC	VSV11-AA W/SEC FRAME BUFFER	-	-	-	-	-	-	-	-	-	-	-	
5		VSV11-AD	VSV11-AB W/SEC FRAME BUFFER	-	-	-	-	-	-	-	-	-	-	-	
6		VSV11-AE	VSV11-AA W/12" B/W MONITOR & KEYB.	-	-	-	-	-	-	-	-	-	-	-	
7		VSV11-AF	VSV11-AB W/12" B/W MONITOR & KEYB.	-	-	-	-	-	-	-	-	-	-	-	
8		VSV11-AH	VSV11-AE W/SEC FRAME BUFFER	-	-	-	-	-	-	-	-	-	-	-	
9		VSV11-AJ	VSV11-AF W/SEC FRAME BUFFER	-	-	-	-	-	-	-	-	-	-	-	
10		VSV11-AP	VSV11-AA W/19" COLOR MONITOR & KEYBOARD	-	-	-	-	-	-	-	-	-	-	-	
11		VSV11-AR	VSV11-AB W/19" COLOR MONITOR & KEYBOARD	-	-	-	-	-	-	-	-	-	-	-	
12		VSV11-AS	VSV11-AP W/SEC FRAME BUFFER	-	-	-	-	-	-	-	-	-	-	-	
13		VSV11-AT	VSV11-AR W/SEC FRAME BUFFER	1	-	-	-	-	-	-	-	-	-	-	
14		VSV11-MA	IMAGE MEMORY	-	1	-	-	-	-	-	-	-	-	-	
15		VSV11-SA	SYNC. GEN VIDEO CABLES	-	-	1	-	-	-	-	-	-	-	-	
16		VSV11-SB	SYNC. GEN VIDEO CABLES	-	-	-	1	-	-	-	-	-	-	-	
17		VSV11-SC	SYNC. GEN VIDEO CABLES, JOYSTICK CABLE	-	-	-	-	1	-	-	-	-	-	-	
18		VSV11-SD	SYNC. GEN VIDEO CABLES, JOYSTICK CABLE	-	-	-	-	-	1	-	-	-	-	-	

E.C.O. NO.

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TITLE
SHIPPING LIST

ASSY NO.
SHEET 3 OF 4

SIZE B	CODE PL	NUMBER VSV11-Ø-3	REV. C
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INSERTION PARTS LIST DATA BASE REV

N/A

**DIGITAL EQUIPMENT CORPORATION
PARTS LIST**

MADE BY *D. J. Deane* CHECKED *D. J. Deane* SECTION
 DATE *19-AUG-80* DATE *19-AUG-80*
 ENG DATE PROD DATE ISSUED SECTION

QUANTITY / VARIATION										
VSV11-AT	VSV11-MA	VSV11-SA	VSV11-SB	VSV11-SC	VSV11-SD	VSV11-SE	VSV11-SF	VSV11-SH	VSV11-BA	VSV11-BB

NOTES:

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	VSV11-AT	VSV11-MA	VSV11-SA	VSV11-SB	VSV11-SC	VSV11-SD	VSV11-SE	VSV11-SF	VSV11-SH	VSV11-BA	VSV11-BB	REF DESIGNATION
19	VSV11-SE	VSV11-SE	SYNC. GEN VIDEO CABLES, MULT J.S. CABLE	-	-	-	-	-	-	1	-	1	-	-	
20	VSV11-SF	VSV11-SF	SYNC. GEN VIDEO CABLES, MULT J.S. CABLE	-	-	-	-	-	-	-	1	-	-	-	
21	VSV11-SH	VSV11-SH	SYNC. GEN	-	-	-	-	-	-	-	-	1	-	-	
22	B-TC-VRV02-0-1	MP-01054	FIELD MAINT. PRINT SET VRV02	1	-	-	-	-	-	-	-	-	-	-	
23	YMC183C-00		VSV11/VS11 RASTER GRAPHICS SYSTEM OPTION DESCRIPTION	1	-	-	-	-	-	-	-	-	1	1	
24			INSTALL, OPER AND MAINT. MANUAL FOR HM-2719 COLOR MONITOR	1	-	-	-	-	-	-	-	-	-	-	
25	CVVSA	AC-E768A-MC	CVVSA VSV11 DIAGNOSTIC PROGRAM NOTE: DIAGNOSTICS WILL BE SUPPLIED ON THE MEDIA AS REQUIRED BY THE CUSTOMER	1	-	-	-	-	-	-	-	-	1	1	
26	B-TC-VT100-0-1	MP00633	VT100 FIELD MAINT PRINT SET	-	-	-	-	-	-	-	-	-	-	-	
27	EK-VT100-UG-002		VT100 USER GUIDE	1	-	-	-	-	-	-	-	-	-	-	
28															
29															

E.C.O. NO.

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TITLE: SHIPPING LIST

ASSY NO. _____

SIZE: B CODE: PL NUMBER: VSV11-0-3 REV: C

SHEET 4 OF 4

INSERTION PARTS LIST DATA BASE REV

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0-0-115A110 2 1

- NOTES:
1. FOR INSTALLATION OF THE DWII-BK, REFER TO THE DWII UNIBUS TO LSI-11 BUS CONVERTER INSTALLATION MANUAL.
 2. FOR INSTALLATION OF THE DDVII IN A BAI1-F OR BAI1-P TYPE MOUNTING BOX, BE SURE TO USE THE POWER HARNESS ADAPTER CABLE 7016830. THIS CABLE IS CONNECTED BETWEEN THE DDVII POWER HARNESS AND THE MOUNTING BOX.
 3. IN THIS CONFIGURATION THE TERMINATION RESISTOR PACKS E76 AND E77 MUST BE REMOVED FROM THIS MODULE.
 4. M9403 WILL BE REPLACED WITH M9401 FOR VSII-BC & BD VAR. FOR USE WITH THE LSI-11 EXPANDER BOX.
 5. REMOVE NPG JUMPER ON BACKPLANE, SPC SLOT, BEFORE INSTALLING M8217.

1	M9403	M7061				
2	G7272	M7062				
3	G7272	M7062				
4	M9402-YE	M7064				
	A	B	C	D	E	F

DDVII-CK (PART OF DWII-BK)
VSII-AC, AD, AH, AJ, AS, AT

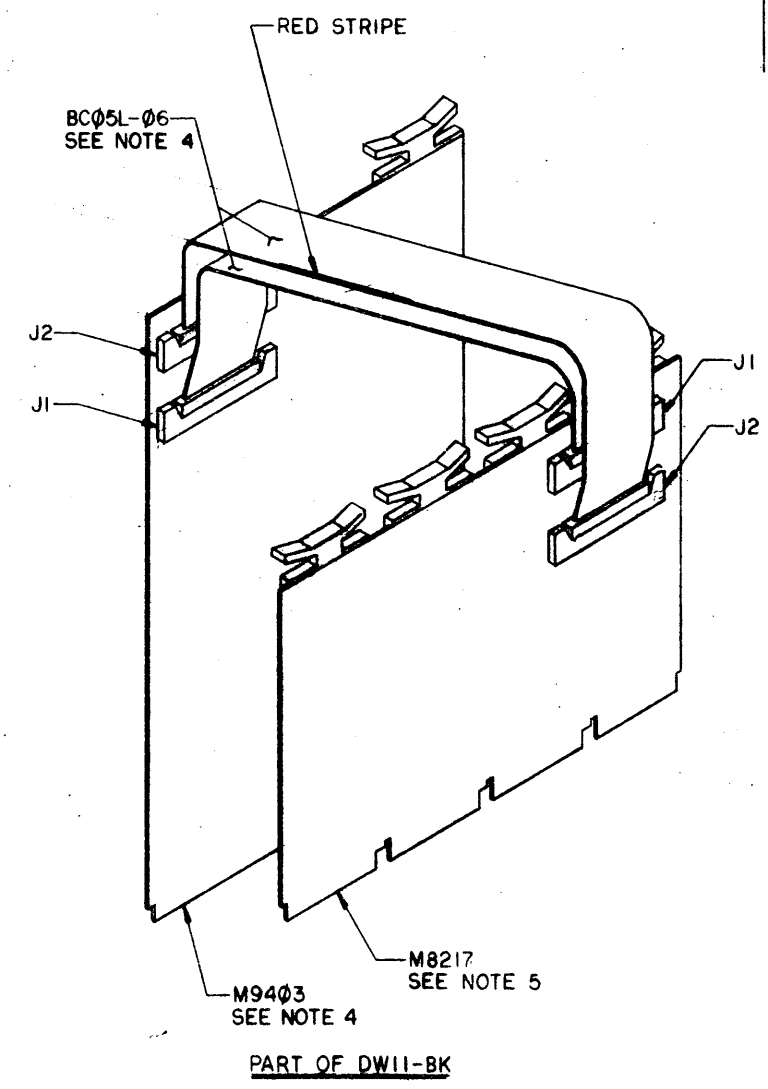
SEE NOTE 3

1	M9403	M7061				
2	G7272	M7062				
3	G7272	M7064				
4		M9400-YB				
	A	B	C	D	E	F

DDVII-CK (PART OF DWII-BK)
VSII-AA, AB, AE, AF, AP, AR,

1	M9403	M7061				
2	G7272	M7062				
3	G7272	M7064				
4		M9400-YB				
5						
6						
7						
8						
9						
	A	B	C	D	E	F

DDVII-DK (PART OF DWII-EK)
VSII-BA, BB



SEE OFF SHT PARTS LIST
B-PL-VSII-0-0

DESCRIPTION		DWG./PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
ANGLES 90° 30°	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES	
SURFACE QUALITY	(CHECK ONE)	OVER 0.01	OVER 0.01
QUANTITY & VARIATION	MICRONCHES	0.015	0.015
THIRD ANGLE PROJECTION	PREFERRED	0.015	0.015
REMOVE BURRS AND BREAK SHARP CORNERS		0.015	0.015
DO NOT SCALE DWG		0.015	0.015
MATERIAL		0.015	0.015
FINISH		0.015	0.015

DRN.	CHK'D.	ENG.	PROJ. ENG.	PROD.
DATE	DATE	DATE	DATE	DATE
FIRST USED ON				
VSII				
TITLE				
VSII UNIT ASSY				
MATERIAL		SCALE	SIZE	CODE
B-DD-VSII-0		NONE	D	UA
FINISH		SCALE	NUMBER	REV.
			VSII-0-0	A

REV.	
CHANGE NO.	
CHK	

DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION													NOTES: 1) VARIATIONS VS11-BA, BB, BC, BD DO NOT USE THE 7#15987-#M CABLE				
MADE BY	CHECKED	SECTION		VS11-AA	VS11-AB	VS11-AC	VS11-AD	VS11-AE	VS11-AF	VS11-AH	VS11-AJ	VS11-AP	VS11-AR	VS11-AS	VS11-AT	VS11-BA		VS11-BB	VS11-BC	VS11-BD	
DATE	DATE																				
ENG	PROD	ISSUED SECTION																			
1	D-UA-VS11-#-#	VS11-AA	VIDEO GRAPHICS, 122V/6#HZ	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	
2	D-UA-VS11-#-#	VS11-AB	VIDEO GRAPHICS, 24#"/5#HZ	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	
3	D-UA-VS11-#-#	VS11-AC	VS11-AA W/SECOND FRAME BUFFER	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	D-UA-VS11-#-#	VS11-AD	VS11-AB W/SECOND FRAME BUFFER	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	D-UA-VS11-#-#	VS11-AE	VS11-AA W/12" B/W MONITOR, KEYBD.	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
6	D-UA-VS11-#-#	VS11-AF	VS11-AB W/12" B/W MONITOR, KEYBD.	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
7	D-UA-VS11-#-#	VS11-AH	VS11-AE W/SECOND FRAME BUFFER	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	
8	D-UA-VS11-#-#	VS11-AJ	VS11-AF W/SECOND FRAME BUFFER	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
9	D-UA-VS11-#-#	VS11-AP	VS11-AA W/19" COLOR MONITOR, KEYBD.	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
10	D-UA-VS11-#-#	VS11-AR	VS11-AB W/19" COLOR MONITOR, KEYBD.	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
11	D-UA-VS11-#-#	VS11-AS	VS11-AS W/SECOND FRAME BUFFER	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
12	D-UA-VS11-#-#	VS11-AT	VS11-AR W/SECOND FRAME BUFFER	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
13	A-PL-DW11-#-#	DW11-BK	UNIBUS TO Q-BUS INTERFACE	1	1	1	1	1	1	1	1	1	1	1	1	-	-	-	-	-	
14	A-PL-DW11-#-#	DW11-EK	UNIBUS TO Q-BUS INTERFACE	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	
15	A-PL-DW11-#-#	DW11-A	UNIBUS TO Q-BUS INTERFACE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	
16	D-IA-7#15987-#-#	7#15987-2D	CABLE, DATA	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	
17	D-IA-7#16830-#-#	7#1683#	DDV11-CK-BALL-P/F HARNESS ADAPTER	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
18	D-UA-G7272-#-#	G7272	GRANT CONTINUITY CARD	2	2	2	2	2	2	2	2	2	2	2	2	6	6	-	-	-	
19	A-PL-TEV11-#-#	TEV11	LSI BUS TERMINATOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	

E.C.D. NO.
VS11
#0001

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TITLE
VS11 UNIT ASSY

ASSY NO.
D-UA-VS11-#-#
SHEET 1 OF 1

SIZE CODE
B PL
NUMBER
VS11-#-#
INSERTION PARTS LIST 0A-# BASE REV

REV.
B

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1978

NOTES:

- Q1 AND Q2 ARE LOCATED IN NON-STANDARD POSITIONS
- METAL CAN FET PLASTIC FET



BOTTOM VIEW

- E70, E71, AND E75 ARE SPARES.
- 0.01UF CAPACITOR *1001610-00 MAY BE SUBSTITUTED FOR *1001610-Q1

REWORK INSTRUCTIONS

ECO#6

WIRE ADDS, SIDE ONE:

- 6-1: ADD WIRE FROM E69 PIN 8 TO E69 PIN 3
- 6-2: ADD WIRE FROM E69 PIN 1 TO E68 PIN 5
- 6-3: ADD WIRE FROM E69 PIN 2 TO E55 PIN 10
- 6-4: ADD WIRE FROM E55 PIN 11 TO E73 PIN 13

213.61
MM

8540
F.B.S.
REF.

VUYSRPNMLKJH FEDCBA

VUYSRPNMLKJH FEDCBA

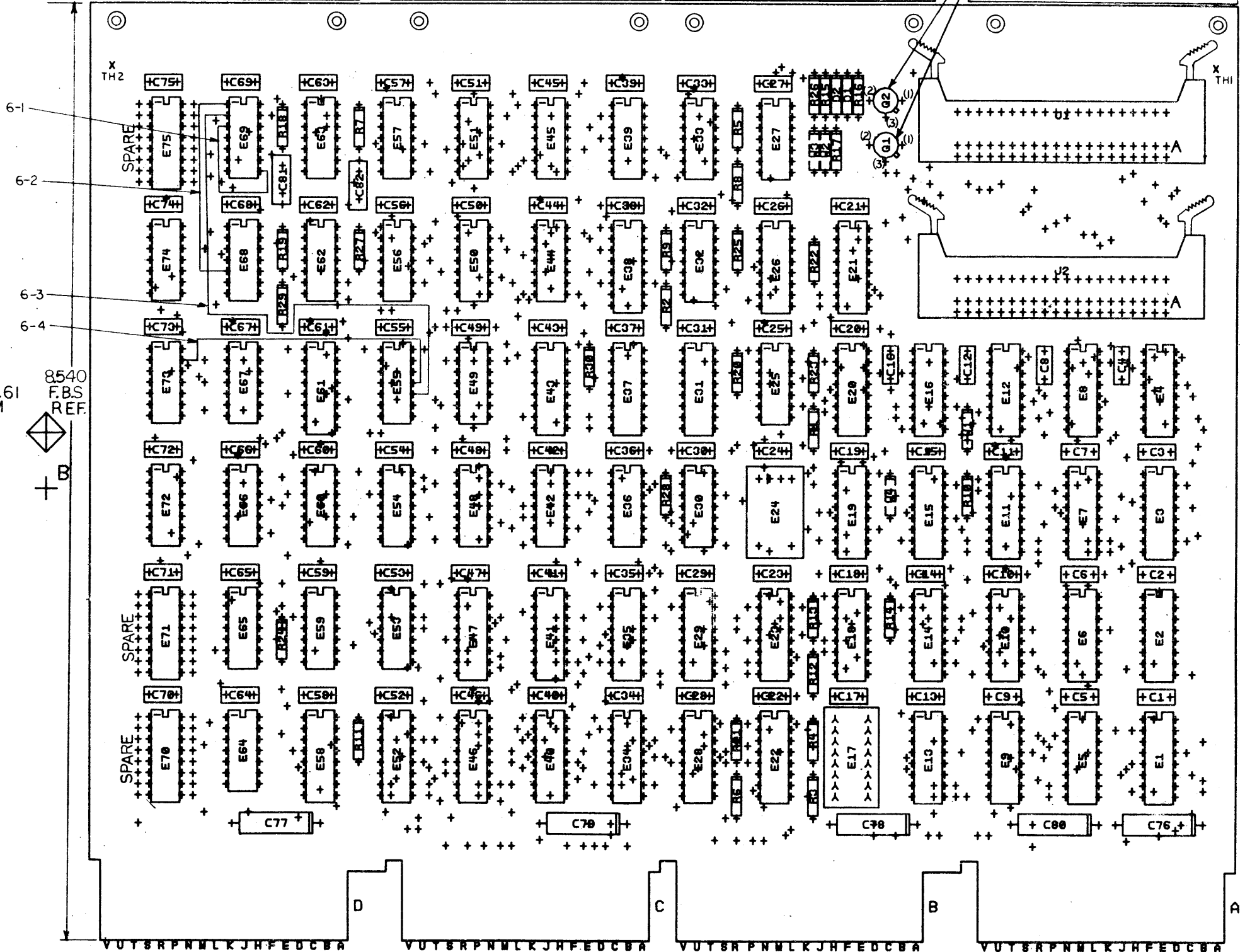
VUYSRPNMLKJH FEDCBA

VUYSRPNMLKJH FEDCBA

10.436 F.B.S.
265.074 MM
REF.

SEE NOTE 1

COMPONENT SIDE VIEW

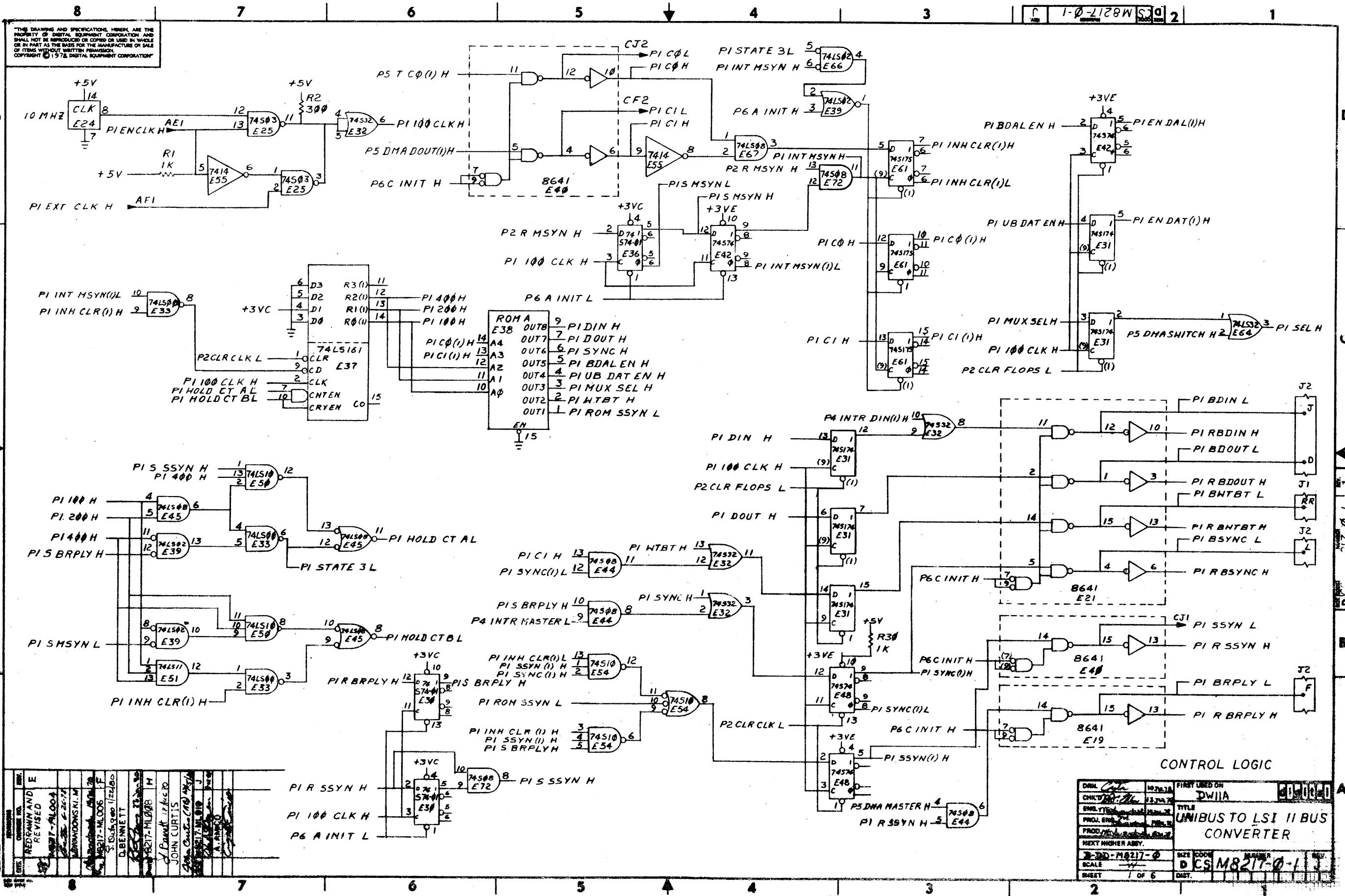


NOTES:

CHANGE NO	REV	BY	DATE	DESCRIPTION
01	E	M. LEWANDOWSKI	5-3-78	ISSUE
02	F	M. LEWANDOWSKI	5-3-78	REVISION
03	F	M. LEWANDOWSKI	5-3-78	REVISION
04	F	M. LEWANDOWSKI	5-3-78	REVISION
05	F	M. LEWANDOWSKI	5-3-78	REVISION
06	F	M. LEWANDOWSKI	5-3-78	REVISION
07	F	M. LEWANDOWSKI	5-3-78	REVISION
08	F	M. LEWANDOWSKI	5-3-78	REVISION
09	F	M. LEWANDOWSKI	5-3-78	REVISION
10	F	M. LEWANDOWSKI	5-3-78	REVISION
11	F	M. LEWANDOWSKI	5-3-78	REVISION
12	F	M. LEWANDOWSKI	5-3-78	REVISION
13	F	M. LEWANDOWSKI	5-3-78	REVISION
14	F	M. LEWANDOWSKI	5-3-78	REVISION
15	F	M. LEWANDOWSKI	5-3-78	REVISION
16	F	M. LEWANDOWSKI	5-3-78	REVISION
17	F	M. LEWANDOWSKI	5-3-78	REVISION
18	F	M. LEWANDOWSKI	5-3-78	REVISION
19	F	M. LEWANDOWSKI	5-3-78	REVISION
20	F	M. LEWANDOWSKI	5-3-78	REVISION
21	F	M. LEWANDOWSKI	5-3-78	REVISION
22	F	M. LEWANDOWSKI	5-3-78	REVISION
23	F	M. LEWANDOWSKI	5-3-78	REVISION
24	F	M. LEWANDOWSKI	5-3-78	REVISION
25	F	M. LEWANDOWSKI	5-3-78	REVISION
26	F	M. LEWANDOWSKI	5-3-78	REVISION
27	F	M. LEWANDOWSKI	5-3-78	REVISION
28	F	M. LEWANDOWSKI	5-3-78	REVISION
29	F	M. LEWANDOWSKI	5-3-78	REVISION
30	F	M. LEWANDOWSKI	5-3-78	REVISION
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32	F	M. LEWANDOWSKI	5-3-78	REVISION
33	F	M. LEWANDOWSKI	5-3-78	REVISION
34	F	M. LEWANDOWSKI	5-3-78	REVISION
35	F	M. LEWANDOWSKI	5-3-78	REVISION
36	F	M. LEWANDOWSKI	5-3-78	REVISION
37	F	M. LEWANDOWSKI	5-3-78	REVISION
38	F	M. LEWANDOWSKI	5-3-78	REVISION
39	F	M. LEWANDOWSKI	5-3-78	REVISION
40	F	M. LEWANDOWSKI	5-3-78	REVISION

ETCH REV. 0-PI
P.C. DESIGN DATA BASE REV. 0-PI

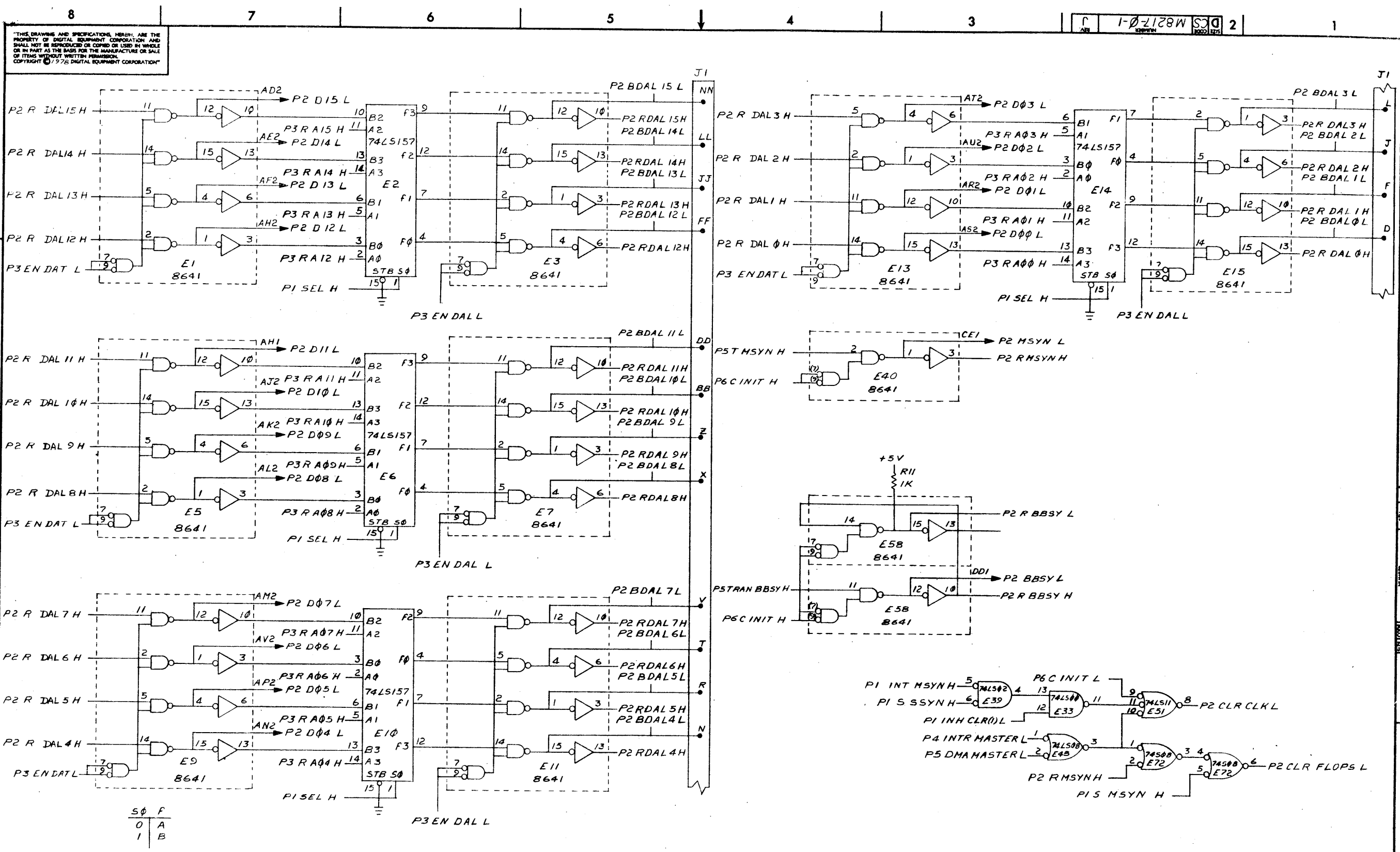
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DRN. DOUG POWERS		5-3-78	
CHK'D. [Signature]		5-3-78	
ENG. [Signature]		5-3-78	TITLE UNIBUS TO LS111 BUS CONVERTER
PROD. [Signature]		5-3-78	
SCALE 1			SIZE CODE NUMBER
SHT. 1 OF 1			
NEXT KIERNER ASSY. 00-M8217-0			0 U A M8217-0-0



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REV.	DATE	BY	CHKD.	APP'D.	DESCRIPTION
1	12/11/78	W. J. ALLEN	J. M. CURTIS		INITIAL DESIGN
2	1/15/79	J. M. CURTIS			REVISED FOR LAYOUT
3	2/1/79	J. M. CURTIS			REVISED FOR LAYOUT
4	2/1/79	J. M. CURTIS			REVISED FOR LAYOUT
5	2/1/79	J. M. CURTIS			REVISED FOR LAYOUT
6	2/1/79	J. M. CURTIS			REVISED FOR LAYOUT
7	2/1/79	J. M. CURTIS			REVISED FOR LAYOUT
8	2/1/79	J. M. CURTIS			REVISED FOR LAYOUT

DRG. NO.	107678	FIRST USED ON	DW11A
CHK'D.	J. M. CURTIS	DATE	12/11/78
ENGR.	J. M. CURTIS	TITLE	UNIBUS TO LSI II BUS CONVERTER
PROJ. ENG.	J. M. CURTIS	NO.	1
PROD. ENG.	J. M. CURTIS	NO.	1
EXT. ENG.	J. M. CURTIS	NO.	1
TEST ENG.	J. M. CURTIS	NO.	1
OPER. ENG.	J. M. CURTIS	NO.	1
SCALE	1:1	SIZE	COOR
SHEET	1 OF 6	DATE	12/11/78



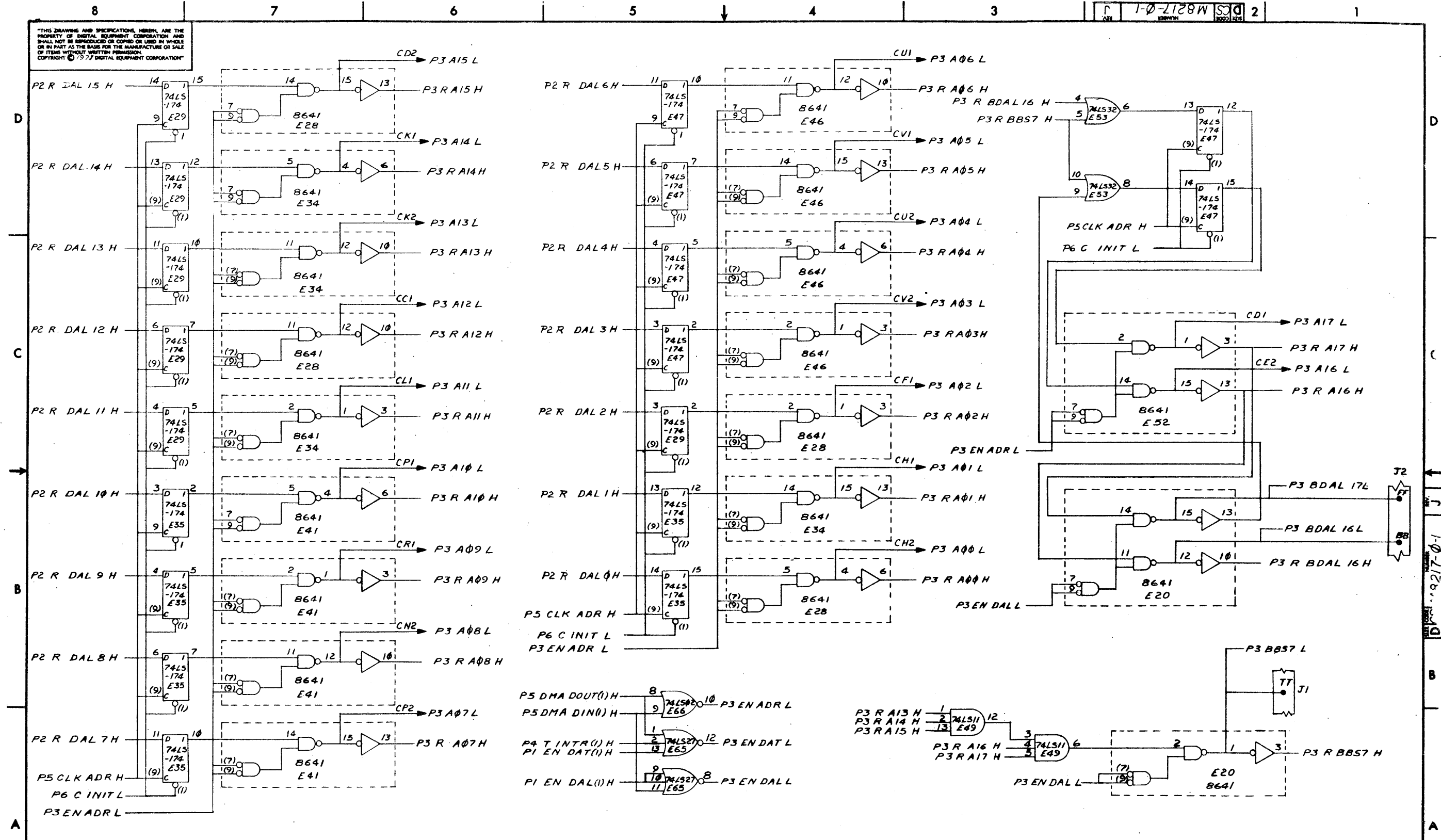
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REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		UNIBUS TO LSI II BUS CONVERTER		SIZE CODE	D	NUMBER	M8217-0-1	REV.	3
SCALE	---	SHEET	2 OF 6	DIST.					

DATA PATH

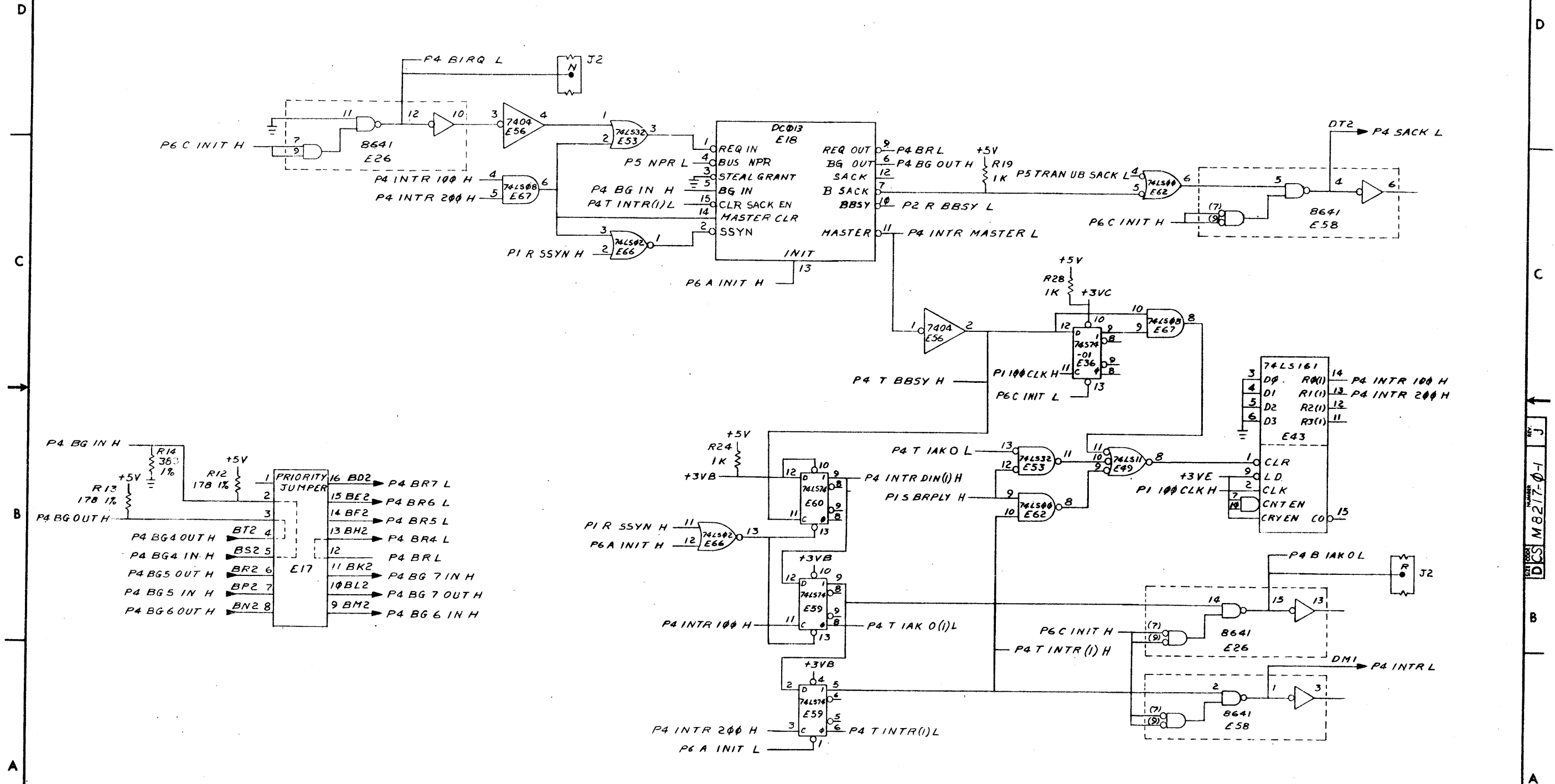
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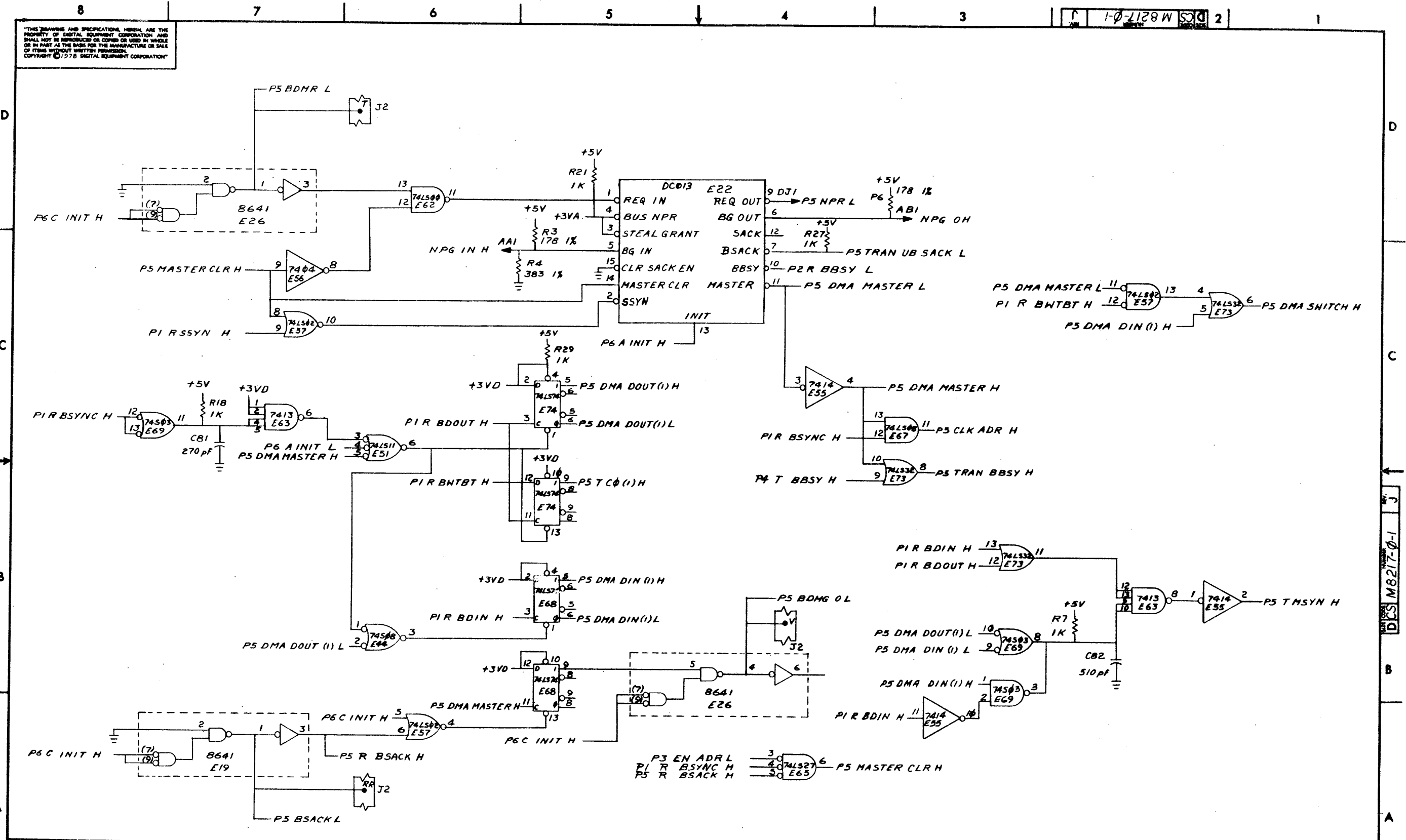
REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		UNIBUS TO LSI II BUS CONVERTER		SIZE CODE	NUMBER		REV.
SCALE		SHEET 3 OF 6		DIST	DCS M8217-01		3

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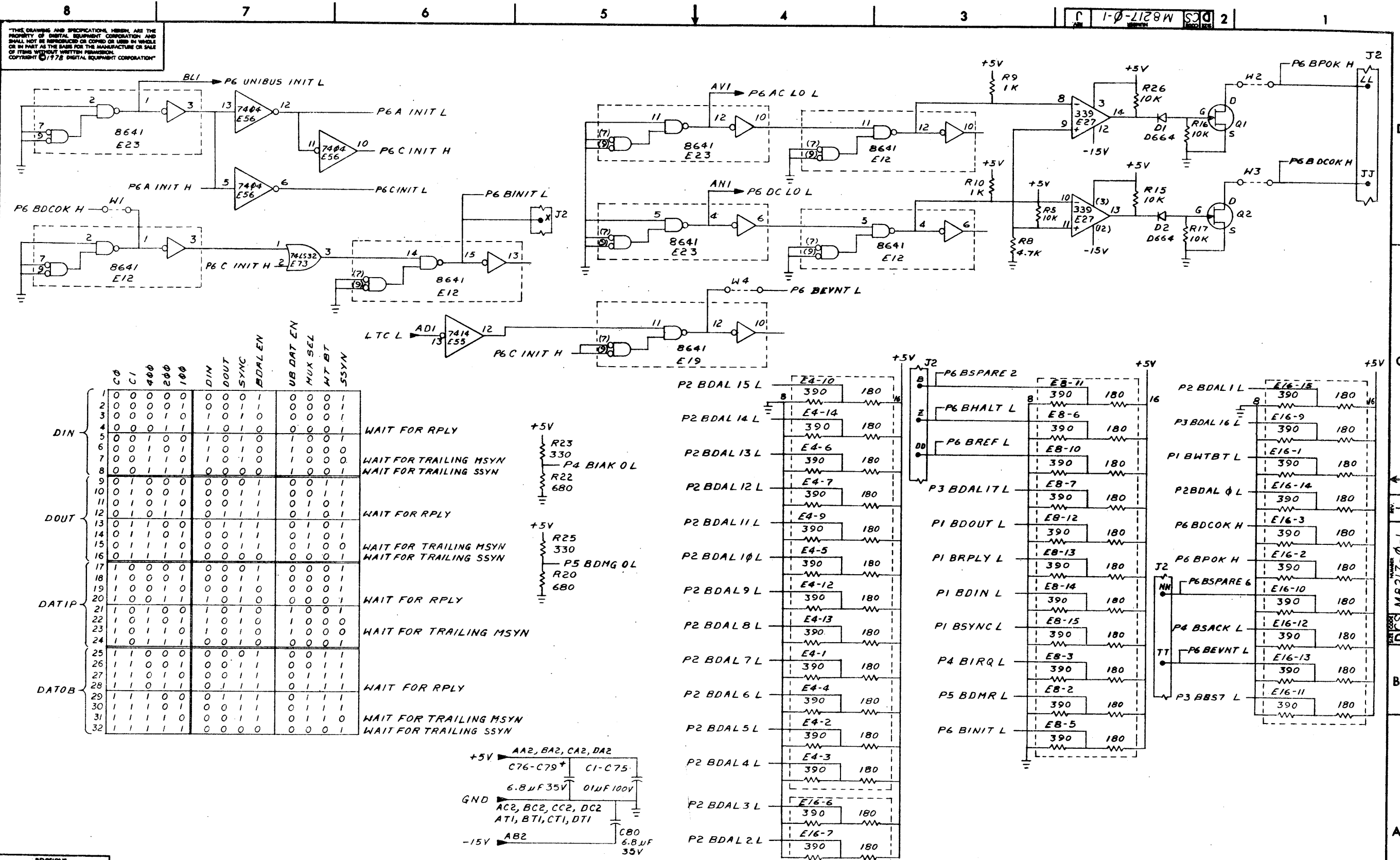
REVISIONS		
CHK	CHANGE NO.	REV.



REVISIONS		
CHK	CHANGE NO.	REV.

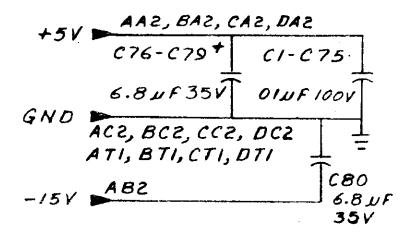
DMA LOGIC

TITLE UNIBUS TO LSII BUS CONVERTER
 NUMBER DCS M8217-0-1
 SHEET 5 OF 6
 REV. J

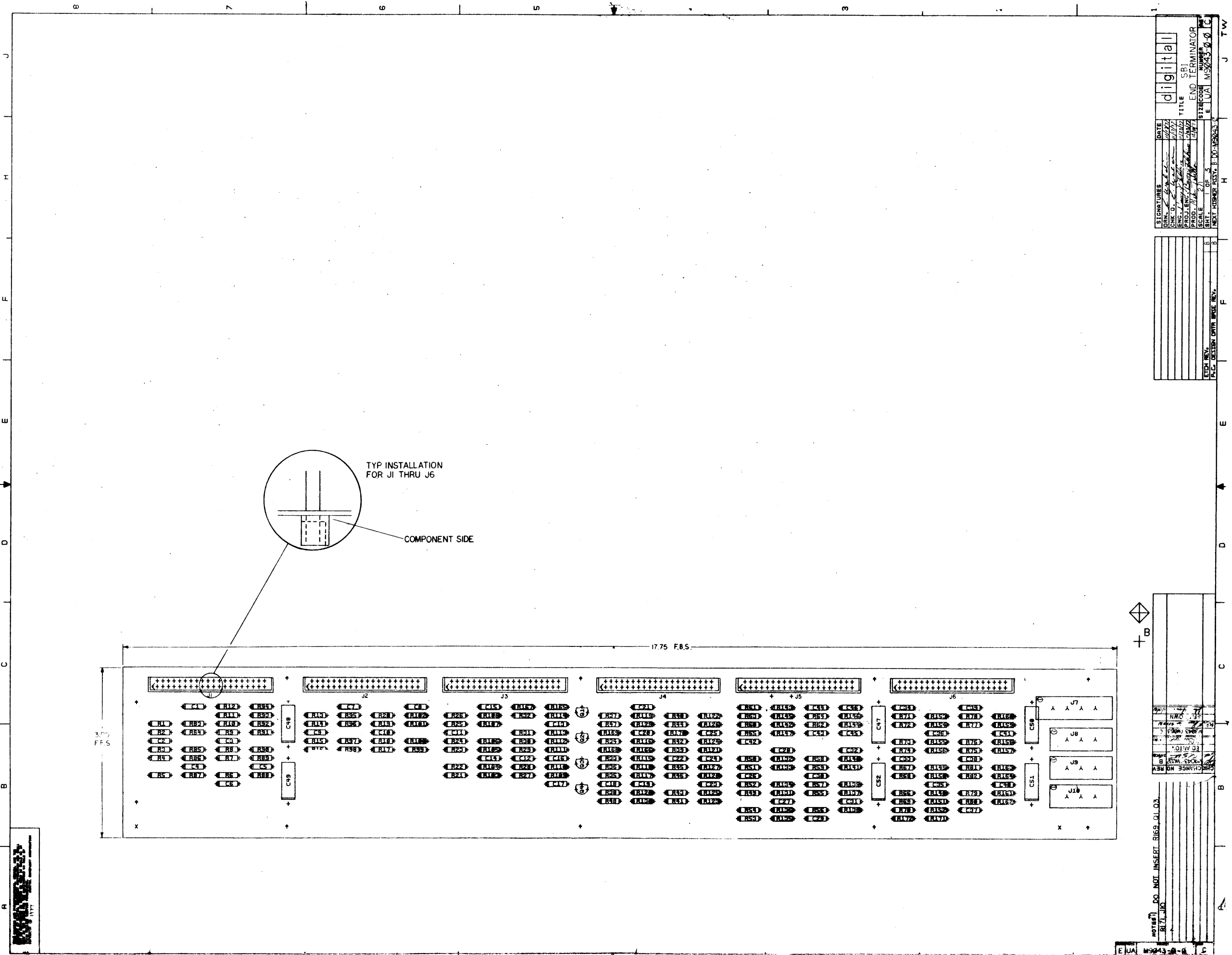


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	C0	C1	400	200	100	DIN	DOUT	SYNC	BDALEN	UB DAT EN	MUX SEL	MT BT	SSYN	
DIN	0	0	0	0	0	0	0	0	0	0	0	0	0	WAIT FOR RPLY
	0	0	0	0	0	0	0	0	0	0	0	0	0	WAIT FOR TRAILING MSYN
	0	0	0	0	0	0	0	0	0	0	0	0	0	WAIT FOR TRAILING SSYN
DOUT	0	0	0	0	0	0	0	0	0	0	0	0	0	WAIT FOR RPLY
	0	0	0	0	0	0	0	0	0	0	0	0	0	WAIT FOR TRAILING MSYN
	0	0	0	0	0	0	0	0	0	0	0	0	0	WAIT FOR TRAILING SSYN
DATIP	1	0	0	0	0	0	0	0	0	0	0	0	0	WAIT FOR RPLY
	1	0	0	0	0	0	0	0	0	0	0	0	0	WAIT FOR TRAILING MSYN
	1	0	0	0	0	0	0	0	0	0	0	0	0	WAIT FOR TRAILING SSYN
DATOB	1	0	0	0	0	0	0	0	0	0	0	0	0	WAIT FOR RPLY
	1	0	0	0	0	0	0	0	0	0	0	0	0	WAIT FOR TRAILING MSYN
	1	0	0	0	0	0	0	0	0	0	0	0	0	WAIT FOR TRAILING SSYN



REVISIONS		
CHK	CHANGE NO.	REV.

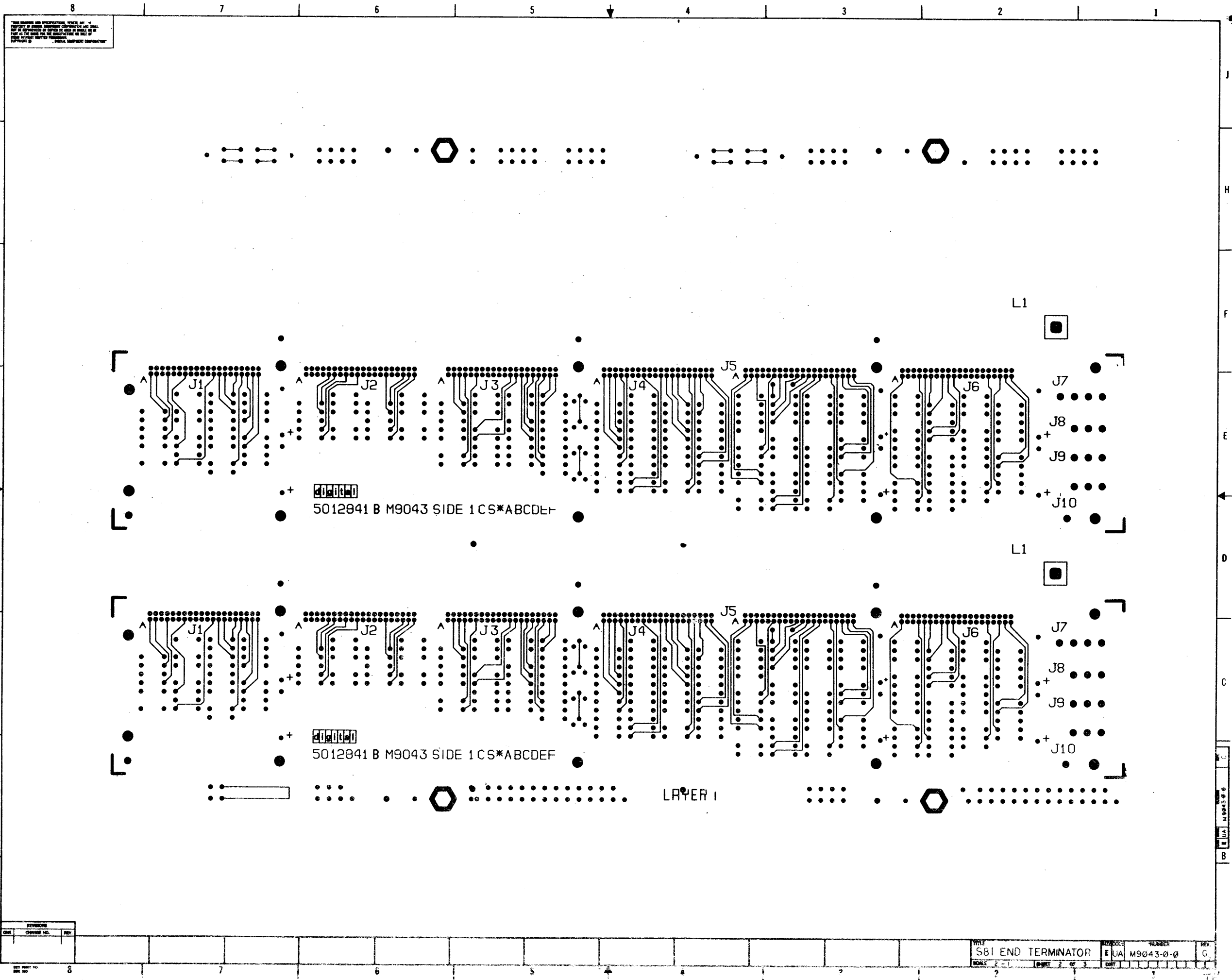


SIGNATURES	DATE	digital
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CHK. D. [Signature]	10/27/77	
PROJ. ENGR. [Signature]	10/27/77	
SCALE 2/1	10/27/77	
TITLE		END TERMINATOR
SBI		
SIZE CODE		E UJA M9043-Q-C
NEXT NUMBER		B DD-M9043-C

REV.	DATE	BY	REASON
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

NOTES: DO NOT INSERT RIGS, Q1, Q3
R1, R10

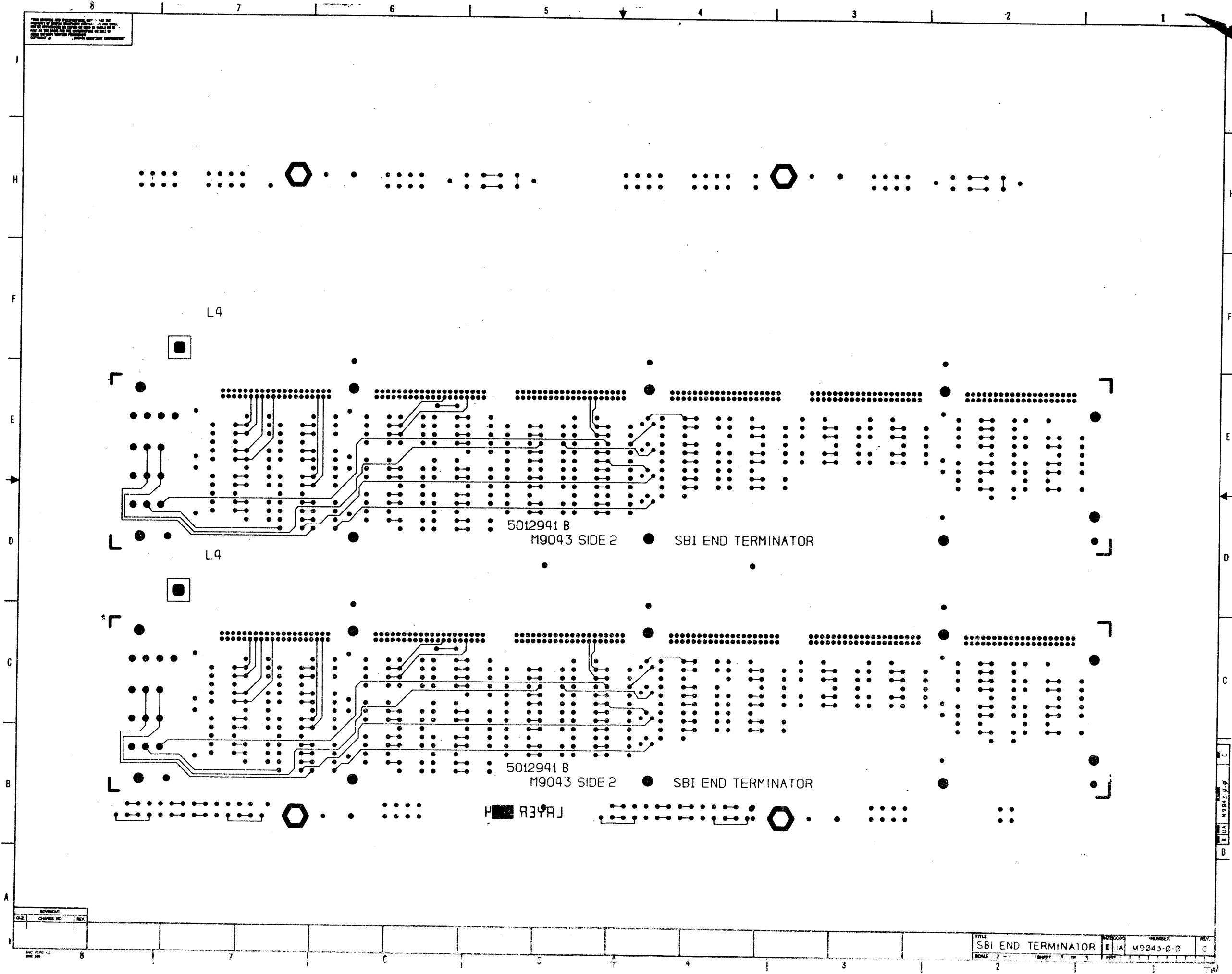
E UJA M9043-Q-C



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REVISIONS		
DATE	CHANGE NO.	REV.

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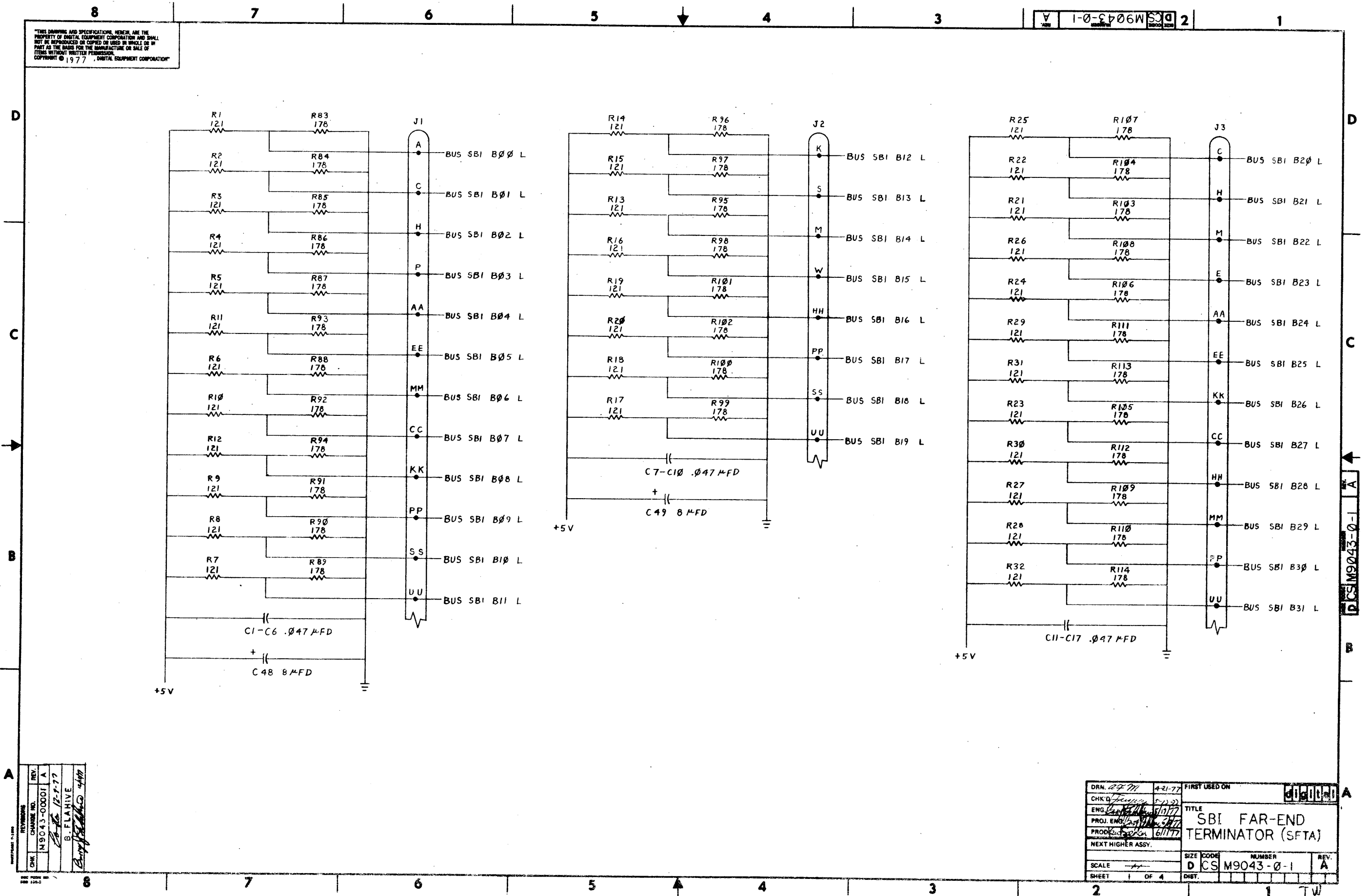
REV	DATE	BY	CHKD

TITLE	NUMBER	REV
SBI END TERMINATOR	M9043-0-0	C

U.S. GOVERNMENT PRINTING OFFICE: 1964 O - 284-888

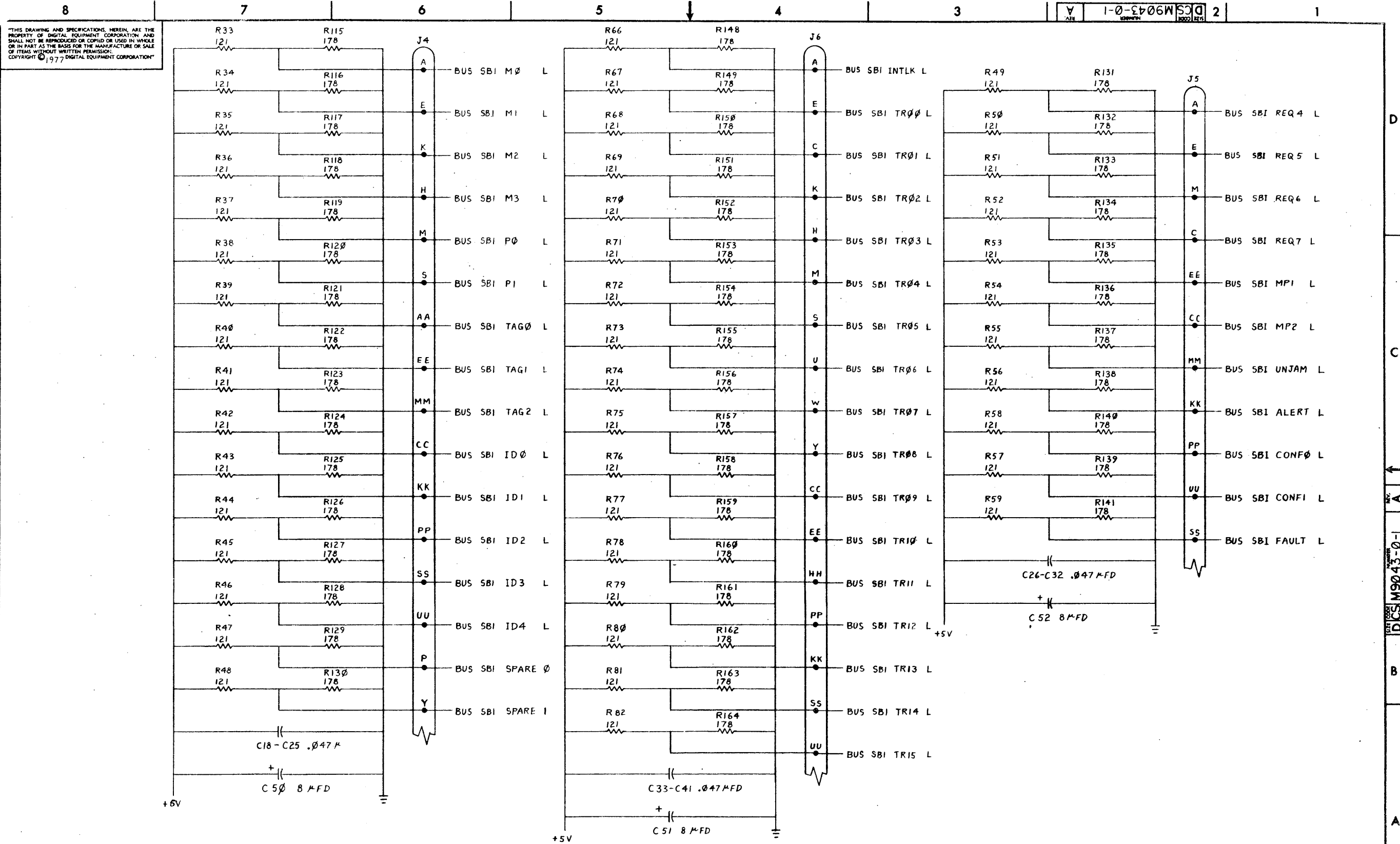
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1-0-5706M SOD 2



REV.	REV.
CHANGE NO.	REV.
N9043-00001 A	A
12-1-77	
B. FLAIVE	

DRN. 2271	4-21-77	FIRST USED ON	
CHK'D		TITLE	SBI FAR-END TERMINATOR (SFTA)
ENG.		SIZE	D
PROJ. ENG.		CODE	
PROD. ENG.		NUMBER	M9043-0-1
NEXT HIGHER ASSY.		REV.	A
SCALE		DIST.	
SHEET 1 OF 4			



REVISIONS		
CHK	CHANGE NO.	REV.

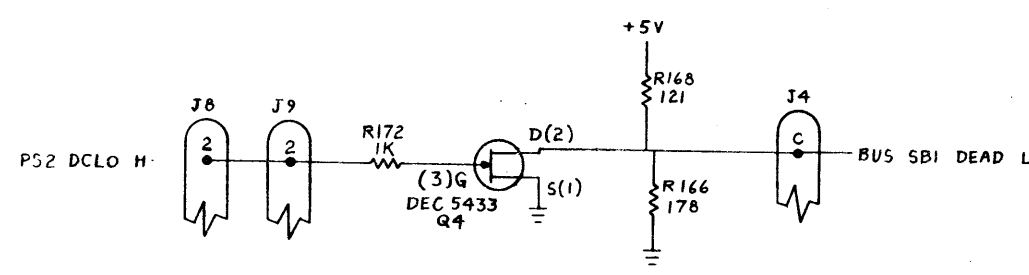
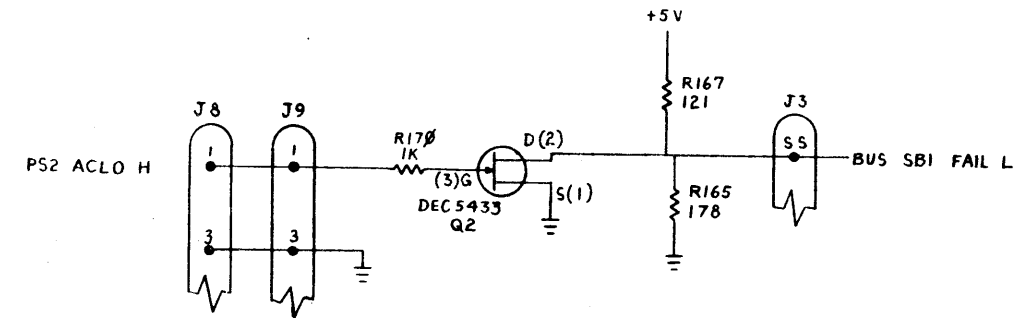
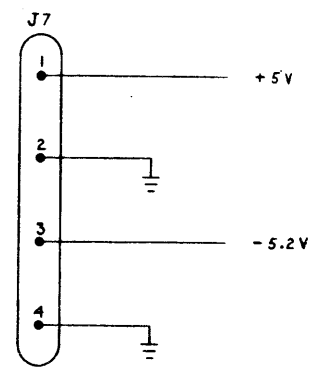
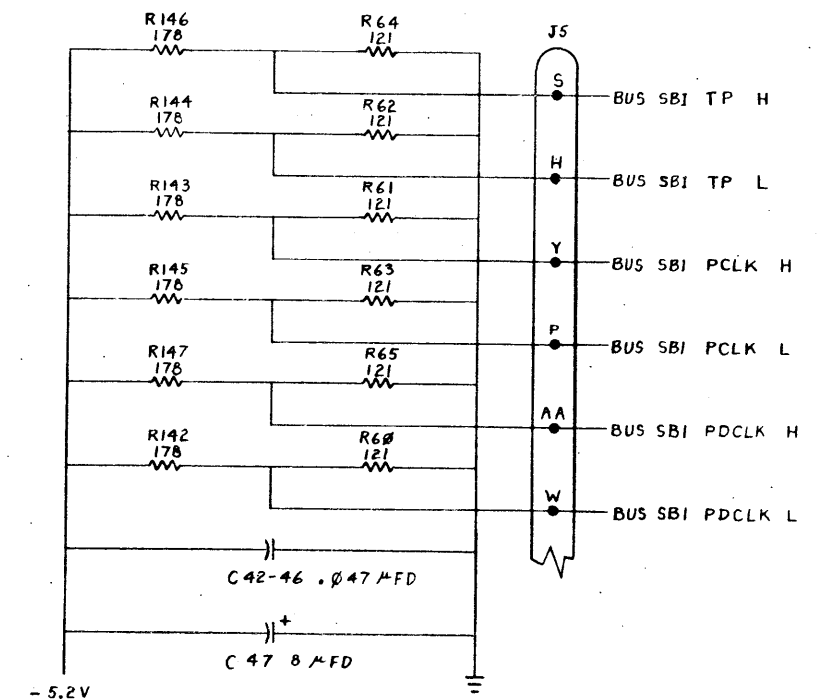
TITLE	SBI FAR-END TERMINATOR (SFTB)	SIZE CODE	DCS M9043-0-1	NUMBER	2	REV.	A
SCALE	---	SHEET	2 OF 4	DIST.			

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DCS M9043-0-1

D
C
B
A

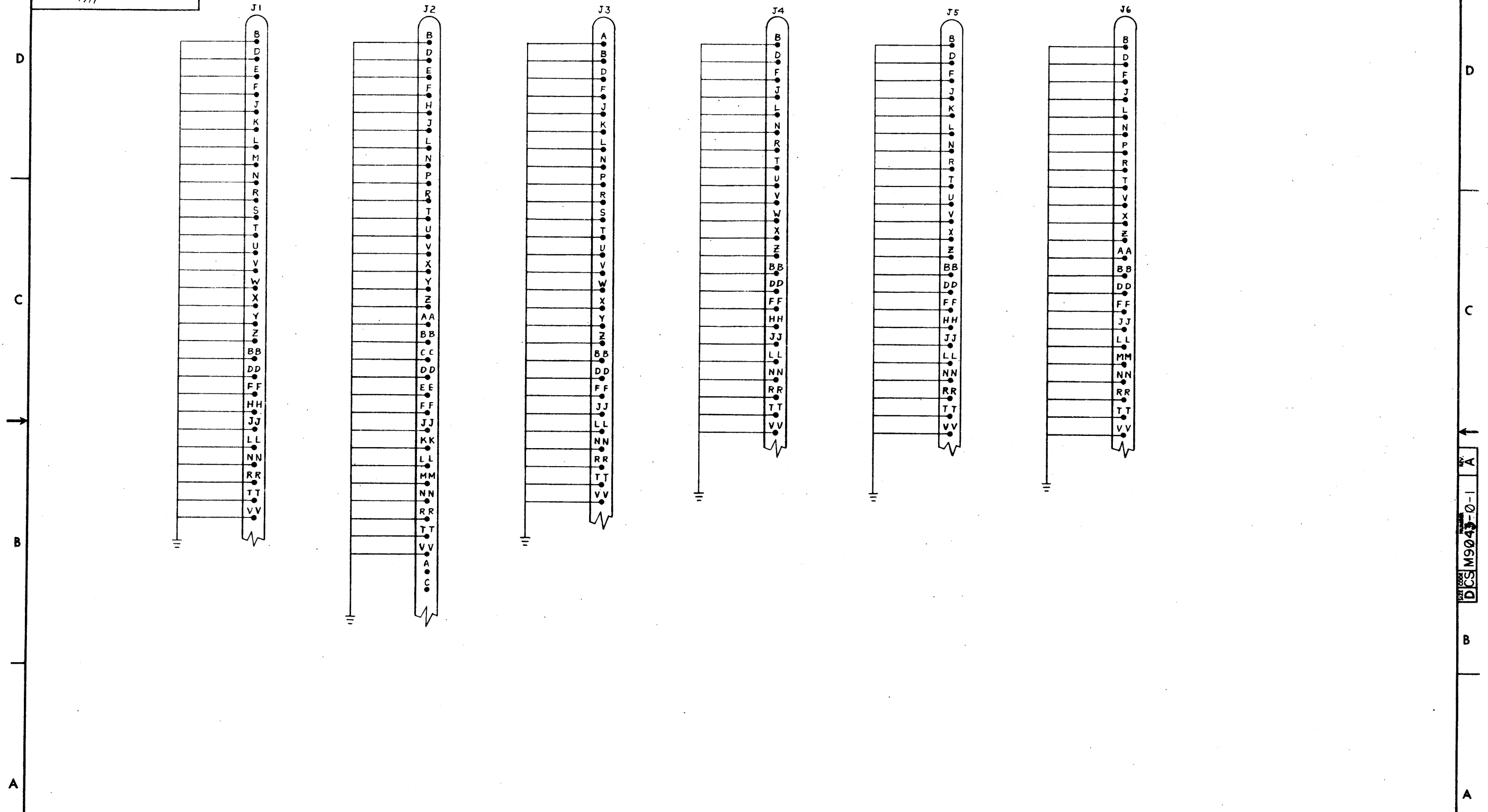
D
C
B
A



REVISIONS		
CHK	CHANGE NO.	REV.

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DCS M9043-0-1 2



REVISIONS		
CHK	CHANGE NO.	REV.

DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION										NOTES:			
MADE BY <i>D. D. [Signature]</i>		CHECKED <i>D. D. [Signature]</i>		SECTION		VS11-AA	VS11-AB	VS11-AC	VS11-AD	VS11-AE	VS11-AF	VS11-AH	VS11-AJ	VS11-AP	VS11-AR	VS11-AS	REF DESIGNATION
DATE <i>18 AUG 80</i>		DATE <i>18 AUG 80</i>		ISSUED SECTION													
ENG <i>J. [Signature]</i>		PROD <i>A. [Signature]</i>		ISSUED SECTION													
DATE <i>20 AUG 80</i>		DATE <i>30 AUG 80</i>		ISSUED SECTION													
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	VS11-AA	VS11-AB	VS11-AC	VS11-AD	VS11-AE	VS11-AF	VS11-AH	VS11-AJ	VS11-AP	VS11-AR	VS11-AS	REF DESIGNATION		
1	B-TC-VS11-g-1	MP#1152	FIELD MAINT. PRINT SET	1	1	1	1	1	1	1	1	1	1	1			
2		VS11-AA	UNIBUS VIDEO GRAPHICS 120V/60HZ	1	-	-	-	-	-	-	-	-	-	-			
3		VS11-AB	UNIBUS VIDEO GRAPHICS 240V/50HZ	-	1	-	-	-	-	-	-	-	-	-			
4		VS11-AC	VS11-AA W/SEC FRAME BUFFER	-	-	1	-	-	-	-	-	-	-	-			
5		VS11-AD	VS11-AB W/SEC FRAME BUFFER	-	-	-	1	-	-	-	-	-	-	-			
6		VS11-AE	VS11-AA W/12" B/W MONITOR & KEYS.	-	-	-	-	1	-	-	-	-	-	-			
7		VS11-AE	VS11-AB W/12" B/W MONITOR & KEYS.	-	-	-	-	-	1	-	-	-	-	-			
8		VS11-AH	VS11-AE W/SEC FRAME BUFFER	-	-	-	-	-	-	1	-	-	-	-			
9		VS11-AJ	VS11-AF W/SEC FRAME BUFFER	-	-	-	-	-	-	-	1	-	-	-			
10		VS11-AP	VS11-AA W/19" COLOR MONITOR & KEYBOARD	-	-	-	-	-	-	-	-	1	-	-			
11		VS11-AR	VS11-AB W/19" COLOR MONITOR & KEYBOARD	-	-	-	-	-	-	-	-	-	1	-			
12		VS11-AS	VS11-AP W/SEC FRAME BUFFER	-	-	-	-	-	-	-	-	-	-	1			
13		VS11-AT	VS11-AR W/SEC FRAME BUFFER	-	-	-	-	-	-	-	-	-	-	-			
14		VS11-BA	VS11-AA EXCEPT DW11-EK	-	-	-	-	-	-	-	-	-	-	-			
15		VS11-BB	VS11-AB EXCEPT DW11-EK	-	-	-	-	-	-	-	-	-	-	-			
16		VS11-BC	VS11-AA EXCEPT DW11-A & TV11	-	-	-	-	-	-	-	-	-	-	-			
17		VS11-BD	VS11-AB EXCEPT DW11-A & TV11	-	-	-	-	-	-	-	-	-	-	-			
18	B-TC-VRV#2-g-1	MP-#1054	FIELD MAINT PRINT SET, VRV#2	-	-	-	-	-	-	-	-	1	1	1			
19	YMC183C-gg		VS11/VS11 MASTER GRAPHICS SYSTEM OPTION DESCRIPTION	1	1	1	1	1	1	1	1	1	1	1			

E.C.O. NO.
VS11-100001
VS11-100002

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TITLE
SHIPPING LIST

ASSY NO.
SHEET 1 OF 4

SIZE CODE
B PL
NUMBER
VS11-g-2
REV.
C
INSERTION PARTS LIST DATA BASE REV

DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION										NOTES:	
MADE BY <i>D. Deano</i>		CHECKED <i>D. Deano</i>													
DATE <i>19-AUG-80</i>		DATE <i>19-AUG-80</i>		SECTION											
ENG DATE		PROD DATE		ISSUED SECTION											
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	VS11-AA	VS11-AB	VS11-AC	VS11-AD	VS11-AE	VS11-AF	VS11-AH	VS11-AJ	VS11-AP	VS11-AR	VS11-AS	REF DESIGNATION
20			INSTL. OPERATION AND MAINTENANCE MANUAL FOR H-2719 COLOR MONITOR	-	-	-	-	-	-	-	-	1	1	1	
21		AC-E768A-MC	CVVSA VSV11 DIAGNOSTIC PROGRAM NOTE: DIAGNOSTICS WILL BE SUPPLIED ON THE MEDIA AS REQUIRED BY THE CUSTOMER	1	1	1	1	1	1	1	1	1	1	1	
22	B-TC-VT100-0-1	MP00633	VT100 FIELD MAINTENANCE PRINT SET	-	-	-	-	1	1	1	1	-	-	-	
23	EK-VT100-UG-002		VT100 USER GUIDE	-	-	-	-	-	-	-	-	1	1	1	
24															
25															

E.C.O. NO.

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TITLE
SHIPPING LIST

ASSY NO.
SHEET 2 OF 4

SIZE B CODE PL NUMBER VS11-0-2 REV. C

INSERTION PARTS LIST DATA BASE REV

DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION										NOTES:			
MADE BY <i>D. Deane</i> DATE 19-AUG-80		CHECKED <i>D. Deane</i> DATE 19-AUG-80		SECTION													
ENG DATE		PROD DATE		ISSUED SECTION													
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	VS11-AT	VS11-BA	VS11-BB	VS11-BC	VS11-BD									
1	B-TC-VS11-0-1	MP01102	FIELD MAINT. PRINT SET	1	1	1	1	1									
2		VS11-AA	UNIBUS VIDEO GRAPHICS 120V/60HZ	-	-	-	-	-									
3		VS11-AB	UNIBUS VIDEO GRAPHICS 240V/50HZ	-	-	-	-	-									
4		VS11-AC	VS11-AA W/SEC FRAME BUFFER	-	-	-	-	-									
5		VS11-AD	VS11-AB W/SEC FRAME BUFFER	-	-	-	-	-									
6		VS11-AE	VS11-AA W/12" B/W MONITOR & KEYB.	-	-	-	-	-									
7		VS11-AE	VS11-AB W/12" B/W MONITOR & KEYB.	-	-	-	-	-									
8		VS11-AH	VS11-AE W/SEC FRAME BUFFER	-	-	-	-	-									
9		VS11-AJ	VS11-AF W/SEC FRAME BUFFER	-	-	-	-	-									
10		VS11-AP	VS11-AA W/19" COLOR MONITOR & KEYBOARD	-	-	-	-	-									
11		VS11-AR	VS11-AB W/19" COLOR MONITOR & KEYBOARD	-	-	-	-	-									
12		VS11-AS	VS11-AP W/SEC FRAME BUFFER	-	-	-	-	-									
13		VS11-AR	VS11-AR W/SEC FRAME BUFFER	1	-	-	-	-									
14		VS11-BA	VS11-AA EXCEPT DW11-EK	-	1	-	-	-									
15		VS11-BB	VS11-AB EXCEPT DW11-EK	-	-	1	-	-									
16		VS11-BC	VS11-AA EXCEPT DW11-A & TEV11	-	-	-	1	-									
17		VS11-BD	VS11-AB EXCEPT DW11-A & TEV11	-	-	-	-	1									
18	B-TC-VRV02-0-1	MP01054	FIELD MAINT PRINT SET, VRV02	1	-	-	-	-									
19	YMC183C-00		VSV11/VS11 RASTER GRAPHICS SYSTEM OPTION DESCRIPTION	1	1	1	1	1									

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TITLE
SHIPPING LIST

ASSY NO.
SHEET 3 OF 4

SIZE B CODE PL NUMBER VS11-0-2

REV. C

DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION										NOTES:							
MADE BY <i>D. D. Shaw</i> DATE <i>12-AUG-80</i>		CHECKED <i>D. D. Shaw</i> DATE <i>19-AUG-80</i>		SECTION																	
ENG DATE		PROD DATE		ISSUED SECTION																	
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	VS11-AT	VS11-BA	VS11-BB	VS11-BC	VS11-BD													REF DESIGNATION
20			INSTL, OPERATION & MAINT MANUAL FOR HM2719 COLOR MONITOR	1	-	-	-	-													
21		AC-E768A-MC	CVVSA/VSV11 DIAGNOSTIC PROGRAM NOTE: DIAGNOSTICS WILL BE SUPPLIED ON THE MEDIA AS REQUIRED BY THE CUSTOMER	1	1	1	1	1													
22	B-TC-VT100-0-1	MP00633	VT100 FIELD MAINTENANCE PRINT SET	-	-	-	-	-													
23	EK-VT100-UG-002		VT100 USER GUIDE	1	-	-	-	-													
24																					
25																					

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TITLE
SHIPPING LIST

ASSY NO.
SHEET 4 OF 4

SIZE B	CODE PL	NUMBER VS11-0-2	REV. C
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INSERTION PARTS LIST DATA BASE REV