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UNIT VARIATIONS COVERED BY THIS PRINT SET	VAR. CON'T.	VAR. CON'T.
VT278-AA	VT278-CH	VT278-JA
VT278-AB	VT278-CJ	VT278-JB
VT278-AC	VT278-CK	VT278-JC
VT278-AD	VT278-CL	VT278-JD
VT278-AE	VT278-CM	VT278-JE
VT278-AF	VT278-CN	VT278-JF
VT278-AH	VT278-EA	VT278-JH
VT278-AJ	VT278-EB	VT278-JJ
VT278-AK	VT278-EC	VT278-JK
VT278-AL	VT278-ED	VT278-JL
VT278-AM	VT278-EE	VT278-JM
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VT278-BA	VT278-EH	
VT278-BB	VT278-EJ	
VT278-BC	VT278-EK	
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VT278-BK	VT278-GC	
VT278-BL	VT278-GD	
VT278-BM	VT278-GE	
VT278-BN	VT278-GF	
VT278-CA	VT278-GH	
VT278-CB	VT278-GJ	
VT278-CC	VT278-GK	
VT278-CD	VT278-GL	
VT278-CE	VT278-GM	
VT278-CF	VT278-GN	

VT278-Ø
Field Maintenance
Print Set

Digital Equipment
Corporation

PRINT SET ORDER
NO. MPØØ9ØØ

REVISIONS	REV	A	USED ON OPTION/MODEL	DRN.	DATE	TITLE: VT278 UNIT ASSY	digital	
	CHG. NO.	INITIAL		M. JOSEPH	6AUG79			
	DATE			CHK'D	DATE			
				PROJ. ENG.	DATE			
				FIELD SERV.	DATE			
SHEET 1 OF 1			Carl Chime	4-May-81	SIZE B	CODE TC	NUMBER VT278-Ø-1	REV. A

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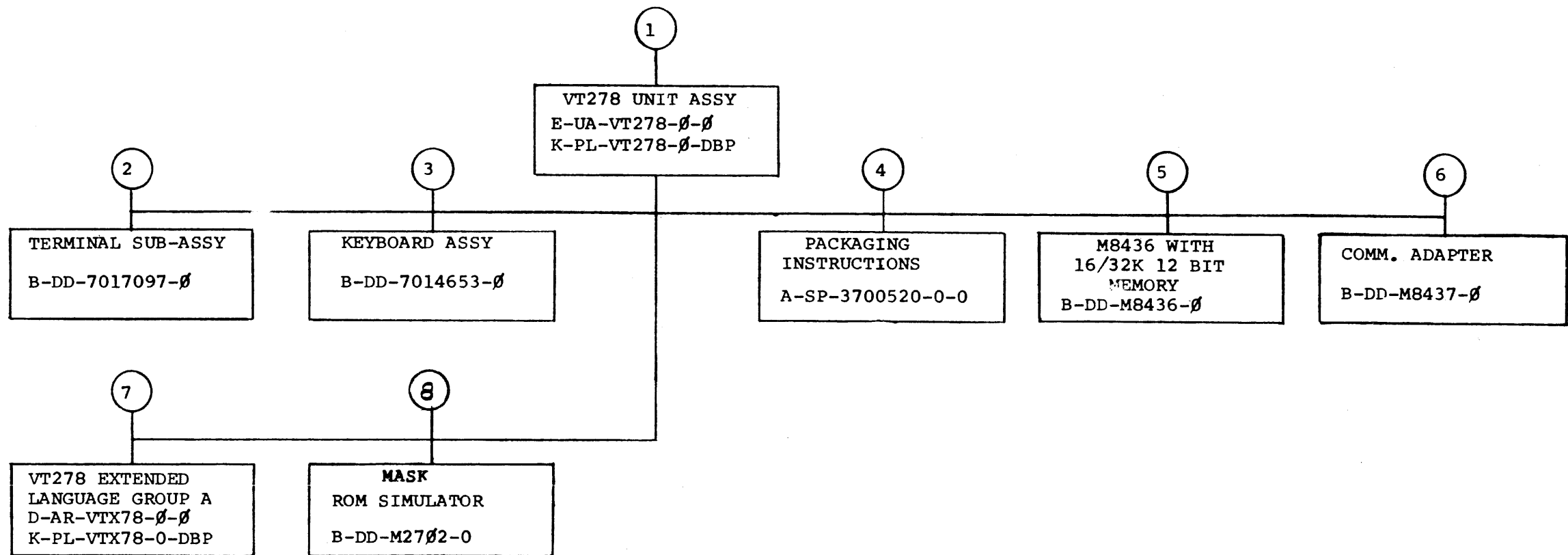
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UNIT VARIATIONS	
VAR	TITLE
VT278-AA	16KW,VT278, USA/UK WORD PROC. KEY 120V
VT278-AC	32KW,VT278, USA/UK WORD PROC. KEY 120V
VT278-AE	16KW,VT278-AA (USA-UK) + M8437-AA, 120V
VT278-AH	32KW,VT278-AC (USA/UK) + M8437-AA, 120V
VT278-AK	16KW,VT278-AA (USA/UK) + M8437-BA, 120V
VT278-AM	32KW,VT278-AC (USA/UK) + M8437-BA, 120V
VT278-AB	16KW,VT278 (USA/UK) WORD PROC. KEY. 240V
VT278-AD	32KW,VT278 (USA/UK) WORD PROC. KEY. 240V
VT278-AF	16KW,VT278-AB (USA/UK) + M8437-AA, 240V
VT278-AJ	32KW,VT278-AD (USA/UK) + M8437-AA, 240V
VT278-AL	16KW,VT278-AB (USA/UK) + M8437-BA, 240V
VT278-AN	32KW,VT278-AD (USA/UK) + M8437-BA, 240V
VT278-BA	VT278-AA + VTX78-A
VT278-BC	VT278-AC + VTX78-A
VT278-BE	VT278-BA (VTX78-A) + M8437-AA
VT278-BH	VT278-BC (VTX78-A) + M8437-AA
VT278-BK	VT278-BA (VTX78-A) + M8437-BA
VT278-BM	VT278-BC (VTX78-A) + M8437-BA
VT278-BB	VT278-AB + VTX78-A
VT278-BD	VT278-AD + VTX78-A
VT278-BF	VT278-BB (VTX78-A) + M8437-AA
VT278-BJ	VT278-BD (VTX78-A) + M8437-AA
VT278-BL	VT278-BB (VTX78-A) + M8437-BA
VT278-BN	VT278-BD (VTX78-A) + M8437-BA
VT278-CA	16KW,VT278, FRENCH CAN. W.PROC. KEY.120V
VT278-CC	32KW,VT278, FRENCH CAN. W.PROC. KEY.120V
VT278-CE	16KW,VT278-CA (FR.CAN.)+ M8437-AA, 120V
VT278-CH	32KW,VT278-CC (FR.CAN.)+ M8437-AA, 120V
VT278-CK	16KW,VT278-CA (FR.CAN.)+ M8437-BA, 120V

UNIT VARIATIONS	
VAR	TITLE
VT278-CM	32KW,VT278-CC (FR. CAN.) +M8437-BA,120V
VT278-CB	16KW,VT278 (FR.CAN.) W. PROC. KEY., 240V
VT278-CD	32KW,VT278 (FR.CAN.) W. PROC. KEY., 240V
VT278-CF	16KW,VT278-CB (FR.CAN.)+ M8437-AA 240V
VT278-CJ	32KW,VT278-CD (FR.CAN.)+ M8437-AA 240V
VT278-CL	16KW,VT278-CB (FR.CAN.)+ M8437-BA 240V
VT278-CN	32KW,VT278-CD (FR.CAN.)+ M8437-BA 240V
VT278-EA	16KW,VT278 FRENCH WORD PROC. KEY. 120V
VT278-EC	32KW,VT278 FRENCH WORD PROC. KEY. 120V
VT278-EE	16KW,VT278-EA (FRENCH)+ M8437-AA 120V
VT278-EH	32KW,VT278-EC (FRENCH)+ M8437-AA 120V
VT278-EK	16KW,VT278-EA (FRENCH)+ M8437-BA 120V
VT278-EM	32KW,VT278-EC (FRENCH)+ M8437-BA 120V
VT278-EB	16KW,VT278 FRENCH WORD PROC. KEY. 240V
VT278-ED	32KW,VT278 FRENCH WORD PROC. KEY. 240V
VT278-EF	16KW,VT278-EB (FRENCH) M8437-AA, 240V
VT278-EJ	32KW,VT278-ED (FRENCH) M8437-AA, 240V
VT278-EL	16KW,VT278-EB (FRENCH) M8437-BA, 240V
VT278-EN	32KW,VT278-ED (FRENCH) M8437-BA, 240V
VT278-GA	16KW,VT278 DUTCH WORD PROC. KEY. 120V
VT278-GC	32KW,VT278 DUTCH WORD PROC. KEY. 120V
VT278-GE	16KW, VT278-GA (DUTCH) + M8437-AA 120V
VT278-GH	32KW, VT278-GC (DUTCH) + M8437-AA 120V
VT278-GK	16KW,VT278-GA (DUTCH) + M8437-AA 120V
VT278-GM	32KW, VT278-GC (DUTCH) + M8437-BA 120V
VT278-GB	16KW,VT278 DUTCH WORD PROC. KEY. 240V
VT278-GD	32KW,VT278 DUTCH WORD PROC. KEY. 240V
VT278-GP	16KW,VT278-GB (DUTCH)+ M8437-AA 240V
VT278-GJ	32KW,VT278-GD (DUTCH)+ M8437-AA 240V
VT278-GL	16KW,VT278-GB (DUTCH)+ M8437-BA 240V

UNIT VARIATIONS	
VAR	TITLE
VT278-GN	32KW,VT278,GD (DUTCH)+ M8437-BA, 240V
VT278-JA	16KW,VT278 GERMAN WORD PROC. KEY. 120V
VT278-JC	32KW,VT278 GERMAN WORD PROC. KEY. 120V
VT278-JE	16KW,VT278-JA (GERMAN)+ M8437-AA, 120V
VT278-JH	32KW,VT278-JC (GERMAN)+ M8437-AA, 120V
VT278-JK	16KW,VT278-JA (GERMAN)+ M8437-BA, 120V
VT278-JM	32KW,VT278-JC (GERMAN)+ M8437-BA, 120V
VT278-JB	16KW,VT278 GERMAN WORD PROC. KEY. 240V
VT278-JD	32KW,VT278 GERMAN WORD PROC. KEY. 240V
VT278-JF	16KW,VT278-JB (GERMAN)+ M8437-AA, 240V
VT278-JJ	32KW,VT278-JD (GERMAN)+ M8437-AA, 240V
VT278-JL	16KW,VT278-JB (GERMAN)+ M8437-BA, 240V
VT278-JN	32KW,VT278-JD (GERMAN)+ M8327-BA, 240V

REVISIONS	REV.	A	USED ON OPTION/MODEL	DRN.	DATE	TITLE VT278 UNIT ASSY digital				
	CHANGE NO.			M. JOSEPH	6AUG79					
	INITIAL			CHK'D	DATE					
	CHK				PROJ. ENG.	DATE	SIZE	CODE	NUMBER	REV
							B	DD	VT278-Ø	A
SHEET 1 OF 3				PROD.	DATE	DIST.				
					5/4/81					



TITLE	SIZE	CODE	NUMBER	REV
VT278 UNIT ASSY	B	DD	VT278-Ø	A

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
1	MP- 00900-00	VT278 UNIT ASSY (PRINT SET ORDER NO.)	-
	B-TC-VT278-0-1	VT278 UNIT ASSY (FIELD MAINT. PRINT SET)	-
	E-UA-VT278- 0-0	VT278 UNIT ASSY	E/M
	K-PL-VT278- 0-0 -DBP	VT278 UNIT ASSY	E/M
	A-PS-1700083-0-0	LINE CORD	E/M
	A-PS-17000199-00	LINE CORD (3 CONDUCTOR EUROPEAN)	E/M
	A-PS-3617674-0-0	LABEL, SERIAL & PWR. UNIVERSAL	M
	A-PS-3617880-0-0	FULL CLASS A EQUIP. LABEL	M
	A-PS-1700209-0-0	LINE CORD (3 CONDUCTOR U.K.)	E/M
	A-SP-VT278- 0-3	VT278 FOREIGN LANGUAGE SUPPORT	-
	A-SP-VT278- 0-4	VT278 SYSTEMS SPECIFICATION	-
	A-PS-3617905-0-0	LABEL, CORRECT VOLTAGE SETTING	M
	A-PS-1700228-0-0	DUAL DISK CABLE (REF)	E/M
	A-PS-1700229-0-0	QUAD DISK CABLE (REF)	E/M
	A-PS-1700231-0-0	TERMINAL/PRINTER CABLE (REF)	E/M
2	B-DD-7017097-0	TERMINAL SUB ASSY	E/M
3	B-DD-7014653-0	KEYBOARD ASSY	E/M
4	A-SP-3700520-0-0	PACKAGING INSTRUCTIONS	M
5	B-DD-M8436- 0	M8436 WITH 16/32K 12 KIT MEMORY	E/M
6	B-DD-M8437- 0	COMM. ADAPTER	E/M
	A-PS-1700230-0-0	MODEM CABLE (REF)	E/M
	A-PS-1218311-0-0	DP278 LOOPBACK CONNECTOR (REF)	E/M

TYPE: E ELECTRICAL
M MECHANICAL
E/M ELECTRO/MECHANICAL

digital

TITLE
VT278 UNIT ASSY

SHEET 3 OF 3

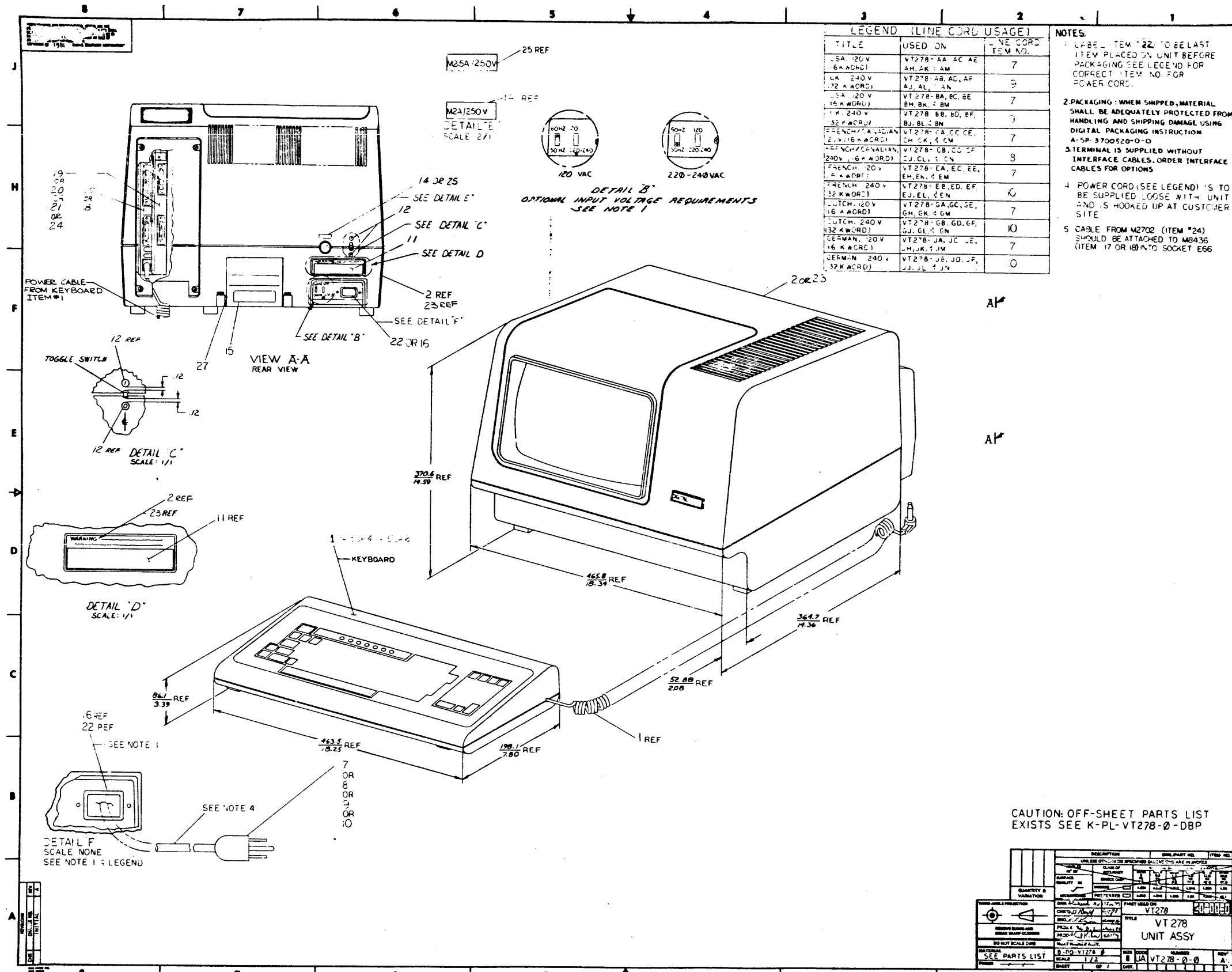
SIZE
B

CODE
DD

NUMBER
VT278-~~0~~

REV
A

DRB 108A



LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION												
					AA	AC	AE	AH	AK	AM	AB	AD	AF	AJ	AL	AN	
1	1	D-UA-7014653-0-0	7014653-13	KEYBD. KEYCAP ASSY. WORD PROCESS	1	1	1	1	1	1	1	1	1	1	1	1	
2	2	E-AD-7017097-0-0	7017097-00	TERMINAL SUB ASSY VT278	1	1	-	-	-	-	1	1	-	-	-	-	
3	3	D-UA-7014653-0-0	7014653-14	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-	
4	4	D-UA-7014653-0-0	7014653-15	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-	
5	5	D-UA-7014653-0-0	7014653-16	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-	
6	6	D-UA-7014653-0-0	7014653-17	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-	
7	7		1700083-09	PWR CORD, TERM. 75IN, 18-3, 125V 10	1	1	1	1	1	1	-	-	-	-	-	-	
8	8		1700083-10	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-	
9	9		1700209-00	PWR CORD, TERM 2.5M, .75MM-3 *	-	-	-	-	-	-	1	1	1	1	1	1	
10	10		1700199-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-	
11	11		3617674-01	LABEL, SERIAL & POWER W/UL & CSA	1	1	1	1	1	1	1	1	1	1	1	1	
12	12		3615680-00	LABEL, ADHESIVE BACK, SWITCH POSIT	1	1	1	1	1	1	1	1	1	1	1	1	
13	13	A-SP-3700520-0-0	3700520-01	PKG, VIDEO TERMINAL	1	1	1	1	1	1	1	1	1	1	1	1	
14	14		3618035-01	LABEL, FUSE RATING	1	1	-	-	-	-	1	1	-	-	-	-	
15	15		3617880-02	LABEL, FCC CLASS A PROCESSOR	1	1	1	1	1	1	-	-	-	-	-	-	
16	16		3617905-02	LABEL, WARNING 220-240V50HZ	-	-	-	-	-	-	1	1	1	1	1	1	
17	17	E-UA-M8436-0-0	M8436-AA	M8436 W 16K 12BIT MEMORY	1	-	1	-	1	-	1	-	1	-	1	-	
18	18	E-UA-M8436-0-0	M8436-BA	M8436 W 32K 12BIT MEMORY	-	1	-	1	-	1	-	1	-	1	-	1	
19	19	E-UA-M8437-0-0	M8437-AA	M8437 W ROM SET "A" (23-629F1, 23	-	-	1	1	-	-	-	-	1	1	-	-	
20	20	E-UA-M8437-0-0	M8437-BA	M8437-AA W BIT SYNC PROTOCOLS (2	-	-	-	-	1	1	-	-	-	-	1	1	
21	21	K-PL-VTX78-0-DBP	VTX78-A	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-	
22	22		3617905-01	LABEL, WARNING 120 V60HZ	1	1	1	1	1	1	-	-	-	-	-	-	
23	23		7017097-01	TERMINAL SUB ASSY VT278	-	-	1	1	1	1	-	-	1	1	1	1	
24	24		M2702-00	SIMULATES 3 1K X 12 MASKED ROMS,	1	1	1	1	1	1	1	1	1	1	1	1	
25	25		3618791-01	LABEL, FUSE RATING, M2.5A 250V	-	-	1	1	1	1	-	-	1	1	1	1	
26	26		3618307-05	ASSY, 04, 01	1	1	1	1	1	1	1	1	1	1	1	1	
27	27		3617544-00	LABEL, X-RAY RADIATION	1	1	1	1	1	1	1	1	1	1	1	1	

REVISION HISTORY		BASIC PART NO: VT278		DRN: M. JOSEPH		DATE: 18-JAN-80		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF F	CHK'D: DENNIS HEALY		DATE: 5-MAY-81		TITLE PARTS LIST	
---	INITIAL	A	SECTION. VARIATION INDEX	DES.ENG.: ROY KIZINA		DATE: 5-MAY-81		VT278 UNIT ASSY	
			[A] AA, AC, AE, AH, AK, AM,	RESP.ENG.: AL DELUCA		DATE: 5-MAY-81		DOCUMENT NUMBER	
			AB, AD, AF, AJ, AL, AN					SIZE CODE NUMBER REV	
			[B] BA, BC, BE, BH, BK, BM,	MFG.ENG.: PAUL KUJAR		DATE: 5-MAY-81		K PL VT278-0-DBP A	
			BB, BD, BF, BJ, BL, BN	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME: EDIT #	
			[C] CA, CC, CE, CH, CK, CM,	E-UA-VT278-0-0		#B-DD-VT278-0		Z0818A.PLS 44	
			CB, CD, CF, CJ, CL, CN						
			[D] EA, EC, EE, EH, EK, EM,						
			EB, ED, EF, EJ, EL, EN						
			[E] GA, GC, GE, GH, GK, GM,						
			GB, GD, GF, GJ, GL, GN						
			[F] JA, JC, JE, JH, JK, JM,						
			JB, JD, JF, JJ, JL, JN						
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AUTOMATED BY PRTLST.3L(40)

P A R T S . L I S T

SHEET A2 OF A2

LINE	ITEM	DOCUMENT	NUMBER
------	------	----------	--------

PART NUMBER

DESCRIPTION

QUANTITY PER VARIATION

AA AC AE AH AK AM AB AD AF AJ AL AN

28 NOTE: ITEM #23 CAN BE SUBSTITUTED FOR ITEM #2 (7017097-00)

D	I	G	I	T	A	L	TITLE	VT278 UNIT ASSY	SECTION A OF F	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	VT278-G-DBP	A

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION											
					BA	BC	BE	BH	BK	BM	BB	BD	BF	BJ	BL	BN
1	1	D-UA-7014653-0-0	7014653-13	KEYBD. KEYCAP ASSY. WORD PROCESS	1	1	1	1	1	1	1	1	1	1	1	1
2	2	E-AD-7017097-0-0	7017097-00	TERMINAL SUB ASSY VT278	1	1	-	-	-	-	1	1	-	-	-	-
3	3	D-UA-7014653-0-0	7014653-14	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
4	4	D-UA-7014653-0-0	7014653-15	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
5	5	D-UA-7014653-0-0	7014653-16	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
6	6	D-UA-7014653-0-0	7014653-17	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
7	7		1700083-09	PWR CORD,TERM. 75IN,18-3,125V 10	1	1	1	1	1	1	-	-	-	-	-	-
8	8		1700083-10	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
9	9		1700209-00	PWR CORD,TERM 2.5M,.75MM-3 *	-	-	-	-	-	-	1	1	1	1	1	1
10	10		1700193-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
11	11		3617674-01	LABEL,SERIAL & POWER W/UL & CSA	1	1	1	1	1	1	1	1	1	1	1	1
12	12		3615680-00	LABEL,ADHESIVE BACK,SWITCH POSIT	1	1	1	1	1	1	1	1	1	1	1	1
13	13	A-SP-3700520-0-0	3700520-01	PKG, VIDEO TERMINAL	1	1	1	1	1	1	1	1	1	1	1	1
14	14		3618035-01	LABEL,FUSE RATING	1	1	1	1	1	1	1	1	1	1	1	1
15	15		3617880-02	LABEL,FCC CLASS A PROCESSOR	1	1	1	1	1	1	-	-	-	-	-	-
16	16		3617905-02	LABEL,WARNING 220-240V50HZ	-	-	-	-	-	-	1	1	1	1	1	1
17	17	E-UA-M8436-0-0	M8436-AA	M8436 W 16K 12BIT MEMORY	1	-	1	-	1	-	1	-	1	-	1	-
18	18	E-UA-M8436-0-0	M8436-BA	M8436 W 32K 12BIT MEMORY	-	1	-	1	-	1	-	1	-	1	-	1
19	19	E-UA-M8437-0-0	M8437-AA	M8437 W ROM SET "A" (23-629F1,23	-	-	1	1	-	-	-	-	1	1	-	-
20	20	E-UA-M8437-0-0	M8437-BA	M8437-AA W BIT SYNC PROTOCOLS (2	-	-	-	-	1	1	-	-	-	-	1	1
21	21	K-PL-VTX78-0-DBP	VTX78-A	EXTENDED LANGUAGE GROUP A (FR/C,	1	1	1	1	1	1	1	1	1	1	1	1
22	22		3617905-01	LABEL,WARNING 120 V60HZ	1	1	1	1	1	1	-	-	-	-	-	-
23	23		7017097-01	TERMINAL SUB ASSY VT278	-	-	1	1	1	1	-	-	1	1	1	1
24	24		M2702-00	SIMULATES 3 1K X 12 MASKED ROMS,	1	1	1	1	1	1	1	1	1	1	1	1
25	25		3618791-01	LABEL,FUSE RATING,M2.5A 250V	-	-	1	1	1	1	-	-	1	1	1	1
26	26		3618307-05	ASSY,04,01	1	1	1	1	1	1	1	1	1	1	1	1
27	27		3617544-00	LABEL,X-RAY RADIATION	1	1	1	1	1	1	1	1	1	1	1	1

REVISION HISTORY		BASIC PART NO: VT278		DRN: M. JOSEPH		DATE: 18-JAN-80		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION B OF F	*****		*****		*****	
---	INITIAL	A	SECTION. VARIATION INDEX	CHK'D: DENNIS HEALY	DATE: 5-MAY-81	TITLE		PARTS LIST	
			(A) AA,AC,AE,AH,AK,AM, AB,AD,AF,AJ,AL,AN	*****		VT278 UNIT ASSY		*****	
			(B) BA,BC,BE,BH,BK,BM, BB,BD,BF,BJ,BL,BN	DES.ENG.: ROY KIZINA	DATE: 5-MAY-81	*****		*****	
			(C) CA,CC,CE,CH,CK,CM, CB,CD,CF,CJ,CL,CN	RESP.ENG.: AL DELUCA	DATE: 5-MAY-81	*****		*****	
			(D) EA,EC,EE,EH,EK,EM, EB,ED,EF,EJ,EL,EN	*****		SIZE CODE NUMBER		REV	
			(E) GA,GC,GE,GH,GK,GM, GB,GD,GF,GJ,GL,GN	MFG.ENG.: PAUL KUJAR	DATE: 5-MAY-81	K	PL	VT278-0-DBP	A
			(F) JA,JC,JE,JH,JK,JM, JB,JD,JF,JJ,JL,JN	ASSEMBLY NUMBER: E-UA-VT278-0-0	TOP DOCUMENT NUMBER: #B-DD-VT278-0	FILE NAME: Z0818A.PLS		EDIT # 44	
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LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY	PER VARIATION										
					BA	BC	BE	BH	BK	BM	BB	BD	BF	BJ	BL	BN

28 NOTE: ITEM #23 CAN BE SUBSTITUTED FOR ITEM #2 (7017097-00)

D	I	G	I	T	A	L	TITLE	VT278 UNIT ASSY	SECTION B OF F	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	VT278-0-DBP	A

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION											
					CA	CC	CE	CH	CK	CM	CB	CD	CF	CJ	CL	CN
1	1	D-UA-7014653-0-0	7014653-13	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
2	2	E-AD-7017097-0-0	7017097-00	TERMINAL SUB ASSY VT278	1	1	-	-	-	-	1	1	-	-	-	-
3	3	D-UA-7014653-0-0	7014653-14	KEYBD. KEYCAP ASSY. FR. CANADIAN	1	1	1	1	1	1	1	1	1	1	1	1
4	4	D-UA-7014653-0-0	7014653-15	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
5	5	D-UA-7014653-0-0	7014653-16	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
6	6	D-UA-7014653-0-0	7014653-17	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
7	7		1700383-09	PWR CORD,TERM. 75IN,18-3,125V 10	1	1	1	1	1	1	-	-	-	-	-	-
8	8		1700083-10	PWR CORD,TERM. 75IN,18-3,250V 6	-	-	-	-	-	-	1	1	1	1	1	1
9	9		1700209-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
10	10		1700199-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
11	11		3617674-01	LABEL,SERIAL & POWER W/UL & CSA	1	1	1	1	1	1	1	1	1	1	1	1
12	12		3615680-00	LABEL,ADHESIVE BACK,SWITCH POSIT	1	1	1	1	1	1	1	1	1	1	1	1
13	13	A-SP-3700520-0-0	3700520-01	PKG, VIDEO TERMINAL	1	1	1	1	1	1	1	1	1	1	1	1
14	14		3618035-01	LABEL,FUSE RATING	1	1	1	1	1	1	1	1	1	1	1	1
15	15		3617880-02	LABEL,FCC CLASS A PROCESSOR	1	1	1	1	1	1	-	-	-	-	-	-
16	16		3617905-02	LABEL,WARNING 220-240V50HZ	-	-	-	-	-	-	1	1	1	1	1	1
17	17	E-UA-M8436-0-0	M8436-AA	M8436 W 16K 12BIT MEMORY	1	-	1	-	1	-	1	-	1	-	1	-
18	18	E-UA-M8436-0-0	M8436-BA	M8436 W 32K 12BIT MEMORY	-	1	-	1	-	1	-	1	-	1	-	1
19	19	E-UA-M8437-0-0	M8437-AA	M8437 W ROM SET "A" (23-629F1,23	-	-	1	1	-	-	-	-	1	1	-	-
20	20	E-UA-M8437-0-0	M8437-BA	M8437-AA W BIT SYNC PROTOCOLS (2	-	-	-	-	1	1	-	-	-	-	1	1
21	21	K-PL-VTX78-0-DBP	VTX78-A	EXTENDED LANGUAGE GROUP A (FR/C,	1	1	1	1	1	1	1	1	1	1	1	1
22	22		3617905-01	LABEL,WARNING 120 V60HZ	1	1	1	1	1	1	-	-	-	-	-	-
23	23		7017097-01	TERMINAL SUB ASSY VT278	-	-	1	1	1	1	-	-	1	1	1	1
24	24		M2702-00	SIMULATES 3 1K X 12 MASKED ROMS,	1	1	1	1	1	1	1	1	1	1	1	1
25	25		3618791-01	LABEL,FUSE RATING,M2.5A 250V	-	-	1	1	1	1	-	-	1	1	1	1
26	26		3618307-05	ASSY,04,01	1	1	1	1	1	1	1	1	1	1	1	1
27	27		3617544-00	LABEL,X-RAY RADIATION	1	1	1	1	1	1	1	1	1	1	1	1

REVISION HISTORY		BASIC PART NO: VT278		DRN: M. JOSEPH		DATE: 18-JAN-80		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION C OF F	CHK'D: DENNIS HEALY		DATE: 5-MAY-81		TITLE PARTS LIST	
---	INITIAL	A	SECTION. VARIATION INDEX	DES.ENG.: ROY KIZINA		DATE: 5-MAY-81		VT278 UNIT ASSY	
			(A) AA,AC,AE,AH,AK,AM,AB,AD,AF,AJ,AL,AN	RESP.ENG.: AL DELUCA		DATE: 5-MAY-81		DOCUMENT NUMBER	
			(B) BA,BC,BE,BH,BK,BM,BB,BD,BF,BJ,BL,BN	MFG.ENG.: PAUL KUJAR		DATE: 5-MAY-81		SIZE CODE NUMBER REV	
			(C) CA,CC,CE,CH,CK,CM,CB,CD,CF,CJ,CL,CN	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:	
			(D) EA,EC,EE,EH,EK,EM,EB,ED,EF,EJ,EL,EN	E-UA-VT278-0-0		#B-DD-VT278-0		Z0818A.PLS	
			(E) GA,GC,GE,GH,GK,GM,GB,GD,GF,GJ,GL,GN					A	
			(F) JA,JC,JE,JH,JK,JM,JB,JD,JF,JJ,JL,JN					44	

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PARTS LIST

SHEET 02 OF 02

LINE ITEM DOCUMENT NUMBER

PART NUMBER

DESCRIPTION

QUANTITY PER VARIATION

CA CC CE CH CK CM CB CD CF CJ CL CN

28 NOTE: ITEM #23 CAN BE SUBSTITUTED FOR ITEM #2 (7017097-00)

D	I	G	I	T	A	L	TITLE	VT278 UNIT ASSY	SECTION C OF F	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	VT278-0-DBP	A

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION											
					EA	EC	EE	EH	EK	EM	EB	ED	EF	EJ	EL	EN
1	1	D-UA-7014653-0-0	7014653-13	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
2	2	E-AD-7017097-0-0	7017097-00	TERMINAL SUB ASSY VT278	1	1	-	-	-	-	1	1	-	-	-	-
3	3	D-UA-7014653-0-0	7014653-14	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
4	4	D-UA-7014653-0-0	7014653-15	KEYBD. KEYCAP ASSY. FRENCH	1	1	1	1	1	1	1	1	1	1	1	1
5	5	D-UA-7014653-0-0	7014653-16	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
6	6	D-UA-7014653-0-0	7014653-17	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
7	7		1700083-09	PWR CORD, TERM. 75IN, 18-3, 125V 10	1	1	1	1	1	1	-	-	-	-	-	-
8	8		1700083-10	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
9	9		1700209-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
10	10		1700199-00	PWR CORD, TERM.2 M, 18-3, 250V* 6	-	-	-	-	-	-	1	1	1	1	1	1
11	11		3617674-01	LABEL, SERIAL & POWER W/UL & CSA	1	1	1	1	1	1	1	1	1	1	1	1
12	12		3615680-00	LABEL, ADHESIVE BACK, SWITCH POSIT	1	1	1	1	1	1	1	1	1	1	1	1
13	13	A-SF-3700520-0-0	3700520-01	PKG, VIDEO TERMINAL	1	1	1	1	1	1	1	1	1	1	1	1
14	14		3618035-01	LABEL, FUSE RATING	1	1	1	1	1	1	1	1	1	1	1	1
15	15		3617880-02	LABEL, FCC CLASS A PROCESSOR	1	1	1	1	1	1	-	-	-	-	-	-
16	16		3617905-02	LABEL, WARNING 220-240V50HZ	-	-	-	-	-	-	1	1	1	1	1	1
17	17	E-UA-M8436-0-0	M8436-AA	M8436 W 16K 12BIT MEMORY	1	-	1	-	1	-	1	-	1	-	1	-
18	18	E-UA-M8436-0-0	M8436-BA	M8436 W 32K 12BIT MEMORY	-	1	-	1	-	1	-	1	-	1	-	1
19	19	E-UA-M8437-0-0	M8437-AA	M8437 W ROM SET "A" (23-629F1,23	-	-	1	1	-	-	-	-	1	1	-	-
20	20	E-UA-M8437-0-0	M8437-BA	M8437-AA W BIT SYNC PROTOCOLS (2	-	-	-	-	1	1	-	-	-	-	1	1
21	21	K-PL-VTX78-0-DBP	VTX78-A	EXTENDED LANGUAGE GROUP A (FR/C,	1	1	1	1	1	1	1	1	1	1	1	1
22	22		3617905-01	LABEL, WARNING 120 V60HZ	1	1	1	1	1	1	-	-	-	-	-	-
23	23		7017097-01	TERMINAL SUB ASSY VT278	-	-	1	1	1	1	-	-	1	1	1	1
24	24		M2702-00	SIMULATES 3 1K X 12 MASKED ROMS,	1	1	1	1	1	1	1	1	1	1	1	1
25	25		3618791-01	LABEL, FUSE RATING, M2.5A 250V	-	-	1	1	1	1	-	-	1	1	1	1
26	26		3618307-05	ASSY, 04, 01	1	1	1	1	1	1	1	1	1	1	1	1
27	27		3617544-00	LABEL, X-RAY RADIATION	1	1	1	1	1	1	1	1	1	1	1	1

REVISION HISTORY		BASIC PART NO: VT278		DRN: M. JOSEPH		DATE: 18-JAN-80		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION D OF F	CHK'D: DENNIS HEALY		DATE: 5-MAY-81		TITLE PARTS LIST	
---	INITIAL	A	SECTION. VARIATION INDEX	DES.ENG.: ROY KIZINA		DATE: 5-MAY-81		DOCUMENT NUMBER	
			(A) AA, AC, AE, AH, AK, AM, AB, AD, AF, AJ, AL, AN	RESP.ENG.: AL DELUCA		DATE: 5-MAY-81		SIZE CODE NUMBER REV	
			(B) BA, BC, BE, BH, BK, BM, BB, BD, BF, BJ, BL, BN	MFG.ENG.: PAUL KUJAR		DATE: 5-MAY-81		K PL VT278-0-DBP A	
			(C) CA, CC, CE, CH, CK, CM, CB, CD, CF, CJ, CL, CN	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME: EDIT #	
			(D) EA, EC, EE, EH, EK, EM, EB, ED, EF, EJ, EL, EN	E-UA-VT278-0-0		#B-DD-VT278-0		Z0818A.PLS 44	
			(E) GA, GC, GE, GH, GK, GM, GB, GD, GF, GJ, GL, GN						
			(F) JA, JC, JE, JH, JK, JM, JB, JD, JF, JJ, JL, JN						
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PARTS LIST

SHEET 02 OF 02

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	EA	EC	EE	EH	EK	EM	EB	ED	EF	EJ	EL	EN
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23 NOTE: ITEM #23 CAN BE SUBSTITUTED FOR ITEM #2 (7017097-00)

D	I	G	I	T	A	L	TITLE	VT278 UNIT ASSY	SECTION D OF F	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	VT278-0-DBP	A

PARTS LIST

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION											
					GA	GC	GE	GH	GK	GM	GB	GD	GF	GJ	GL	GN
1	1	D-UA-7014653-0-0	7014653-13	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
2	2	E-AD-7017097-0-0	7017097-00	TERMINAL SUB ASSY VT278	1	1	-	-	-	-	1	1	-	-	-	-
3	3	D-UA-7014653-0-0	7014653-14	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
4	4	D-UA-7014653-0-0	7014653-15	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
5	5	D-UA-7014653-0-0	7014653-16	KEYBD. KEYCAP ASSY. DUTCH	1	1	1	1	1	1	1	1	1	1	1	1
6	6	D-UA-7014653-0-0	7014653-17	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
7	7		1700083-09	PWR CORD,TERM. 75IN,18-3,125V 10	1	1	1	1	1	1	-	-	-	-	-	-
8	8		1700083-10	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
9	9		1700209-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
10	10		1700199-00	PWR CORD,TERM.2 M,18-3,250V* 6	-	-	-	-	-	-	1	1	1	1	1	1
11	11		3617674-01	LABEL,SERIAL & POWER W/UL & CSA	1	1	1	1	1	1	1	1	1	1	1	1
12	12		3615680-00	LABEL,ADHESIVE BACK,SWITCH POSIT	1	1	1	1	1	1	1	1	1	1	1	1
13	13	A-SP-3700520-0-0	3700520-01	PKG, VIDEO TERMINAL	1	1	1	1	1	1	1	1	1	1	1	1
14	14		3618035-01	LABEL,FUSE RATING	1	1	1	1	1	1	1	1	1	1	1	1
15	15		3617880-02	LABEL,FCC CLASS A PROCESSOR	1	1	1	1	1	1	-	-	-	-	-	-
16	16		3617905-02	LABEL,WARNING 220-240V50HZ	-	-	-	-	-	-	1	1	1	1	1	1
17	17	E-UA-M8436-0-0	M8436-AA	M8436 W 16K 12BIT MEMORY	1	-	1	-	1	-	1	-	1	-	1	-
18	18	E-UA-M8436-0-0	M8436-BA	M8436 W 32K 12BIT MEMORY	-	1	-	1	-	1	-	1	-	1	-	1
19	19	E-UA-M8437-0-0	M8437-AA	M8437 W ROM SET "A" (23-629F1,23	-	-	1	1	-	-	-	-	1	1	-	-
20	20	E-UA-M8437-0-0	M8437-BA	M8437-AA W BIT SYNC PROTOCOLS (2	-	-	-	1	1	1	-	-	-	-	1	-
21	21	K-PL-VTX78-0-DBP	VTX78-A	EXTENDED LANGUAGE GROUP A (FR/C,	1	1	1	1	1	1	1	1	1	1	1	1
22	22		3617905-01	LABEL,WARNING 120 V60HZ	1	1	1	1	1	1	-	-	-	-	-	-
23	23		7017097-01	TERMINAL SUB ASSY VT278	-	-	1	1	1	1	-	-	1	1	1	1
24	24		M2702-00	SIMULATES 3 1K X 12 MASKED ROMS,	1	1	1	1	1	1	1	1	1	1	1	1
25	25		3618791-01	LABEL,FUSE RATING,M2.5A 250V	-	-	1	1	1	1	-	-	1	1	1	1
26	26		3618307-05	ASSY,04,01	1	1	1	1	1	1	1	1	1	1	1	1
27	27		3617544-00	LABEL,X-RAY RADIATION	1	1	1	1	1	1	1	1	1	1	1	1

REVISION HISTORY		BASIC PART NO: VT278		DRN: M. JOSEPH		DATE: 18-JAN-80		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION E OF F	CHK'D: DENNIS HEALY		DATE: 5-MAY-81		TITLE PARTS LIST	
---	INITIAL	A	SECTION. VARIATION INDEX	DES.ENG.: ROY KIZINA		DATE: 5-MAY-81		DOCUMENT NUMBER	
			(A) AA,AC,AE,AH,AK,AM, AB,AD,AF,AJ,AL,AN	RESP.ENG.: AL DELUCA		DATE: 5-MAY-81		SIZE CODE NUMBER REV	
			(B) BA,BC,BE,BH,BK,BM, BB,BD,BF,BJ,BL,BN	MFG.ENG.: PAUL KUJAR		DATE: 5-MAY-81		K PL VT278-0-DBP A	
			(C) CA,CC,CE,CH,CK,CM, CB,CD,CF,CJ,CL,CN	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME: EDIT #	
			(D) EA,EC,EE,EH,EK,EM, EB,ED,EF,EJ,EL,EN	E-UA-VT278-0-0		#B-DD-VT278-0		Z0818A.PLS 44	
			(E) GA,GC,GE,GH,GK,GM, GB,GD,GF,GJ,GL,GN						
			(F) JA,JC,JE,JH,JK,JM, JB,JD,JF,JJ,JL,JN						
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PARTS LIST

SHEET E2 OF E2

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION											
					GA	GC	GE	GH	GK	GM	GB	GD	GF	GJ	GL	GN

28 NOTE: ITEM #23 CAN BE SUBSTITUTED FOR ITEM #2 (7017097-00)

D	I	G	I	T	A	L	TITLE	VT278 UNIT ASSY	SECTION E OF F	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	VT278-0-DBP	A

AUTOMATED BY PRTLST.3L(40)

PARTS LIST

SHEET F1 OF F2

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION											
					JA	JC	JE	JH	JK	JM	JB	JD	JF	JJ	JL	JN
1	1	D-UA-7014653-0-0	7014653-13	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
2	2	E-AD-7017097-0-0	7017097-00	TERMINAL SUB ASSY VT278	1	1	-	-	-	-	1	1	-	-	-	-
3	3	D-UA-7014653-0-0	7014653-14	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
4	4	D-UA-7014653-0-0	7014653-15	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
5	5	D-UA-7014653-0-0	7014653-16	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
6	6	D-UA-7014653-0-0	7014653-17	KEYBD KEYCAP ASSY. GERMAN	1	1	1	1	1	1	1	1	1	1	1	1
7	7		1700083-09	PWR CORD TERM. 75IN. 18-3, 125V 10	1	1	1	1	1	1	-	-	-	-	-	-
8	8		1700083-10	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
9	9		1700209-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
10	10		1700199-00	PWR CORD TERM. 2 M. 18-3, 250V* 6	-	-	-	-	-	-	1	1	1	1	1	1
11	11		3617674-01	LABEL, SERIAL & POWER W/UL & CSA	1	1	1	1	1	1	1	1	1	1	1	1
12	12		3615680-00	LABEL, ADHESIVE BACK, SWITCH POSIT	1	1	1	1	1	1	1	1	1	1	1	1
13	13	A-SP-3700520-0-0	3700520-01	PKG. VIDEO TERMINAL	1	1	1	1	1	1	1	1	1	1	1	1
14	14		3618035-01	LABEL, FUSE RATING	1	1	1	1	1	1	1	1	1	1	1	1
15	15		3617880-02	LABEL, FCC CLASS A PROCESSOR	1	1	1	1	1	1	-	-	-	-	-	-
16	16		3617905-02	LABEL, WARNING 220-240V50HZ	-	-	-	-	-	-	1	1	1	1	1	1
17	17	E-UA-M8436-0-0	M8436-AA	M8436 W 16K 12BIT MEMORY	1	-	1	-	1	-	1	-	1	-	1	-
18	18	E-UA-M8436-0-0	M8436-BA	M8436 W 32K 12BIT MEMORY	-	1	-	1	-	1	-	1	-	1	-	1
19	19	E-UA-M8437-0-0	M8437-AA	M8437 W ROM SET "A" (23-629F1, 23	-	-	1	1	-	-	-	-	1	1	-	-
20	20	E-UA-M8437-0-0	M8437-BA	M8437-AA W BIT SYNC PROTOCOLS (2	-	-	-	-	1	1	-	-	-	-	1	1
21	21	K-PL-VTX78-0-DBP	VTX78-A	EXTENDED LANGUAGE GROUP A (FR/C,	1	1	1	1	1	1	1	1	1	1	1	1
22	22		3617905-01	LABEL, WARNING 120 V60HZ	1	1	1	1	1	1	-	-	-	-	-	-
23	23		7017097-01	TERMINAL SUB ASSY VT278	-	-	1	1	1	1	-	-	1	1	1	1
24	24		M2702-00	SIMULATES 3 1K X 12 MASKED ROMS,	1	1	1	1	1	1	1	1	1	1	1	1
25	25		3618791-01	LABEL, FUSE RATING, M2.5A 250V	-	-	1	1	1	1	-	-	1	1	1	1
26	26		3618307-05	ASSY, 04, 01	1	1	1	1	1	1	1	1	1	1	1	1
27	27		3617544-00	LABEL, X-RAY RADIATION	1	1	1	1	1	1	1	1	1	1	1	1

REVISION HISTORY		BASIC PART NO: VT278		DRN: M. JOSEPH		DATE: 18-JAN-80		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION F OF F	CHK'D: DENNIS HEALY		DATE: 5-MAY-81		TITLE PARTS LIST	
---	INITIAL	A	SECTION. VARIATION INDEX	DES.ENG.: ROY KIZINA		DATE: 5-MAY-81		DOCUMENT NUMBER	
			(A) AA, AC, AE, AH, AK, AM, AB, AD, AF, AJ, AL, AN	RESP.ENG.: AL DELUCA		DATE: 5-MAY-81		SIZE CODE NUMBER REV	
			(B) BA, BC, BE, BH, BK, BM, BB, BD, BF, BJ, BL, BN	MFG.ENG.: PAUL KUJAR		DATE: 5-MAY-81		K PL VT278-0-DBP A	
			(C) CA, CC, CE, CH, CK, CM, CB, CD, CF, CJ, CL, CN	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME: EDIT #	
			(D) EA, EC, EE, EH, EK, EM, EB, ED, EF, EJ, EL, EN	E-UA-VT278-0-0		#B-DD-VT278-0		Z0818A.FLS 44	
			(E) GA, GC, GE, GH, GK, GM, GS, GD, GF, GJ, GL, GN						
			(F) JA, JC, JE, JH, JK, JM, JB, JD, JF, JJ, JL, JN						
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LINE ITEM DOCUMENT NUMBER PART NUMBER DESCRIPTION

QUANTITY PER VARIATION
JA JC JE JH JK JM JB JD JF JJ JL JN

23 NOTE: ITEM #23 CAN BE SUBSTITUTED FOR ITEM #2 (7017097-00)

D	I	G	I	T	A	L	TITLE	VT278 UNIT ASSY	SECTION F OF F	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	VT278-Q-DBP	A

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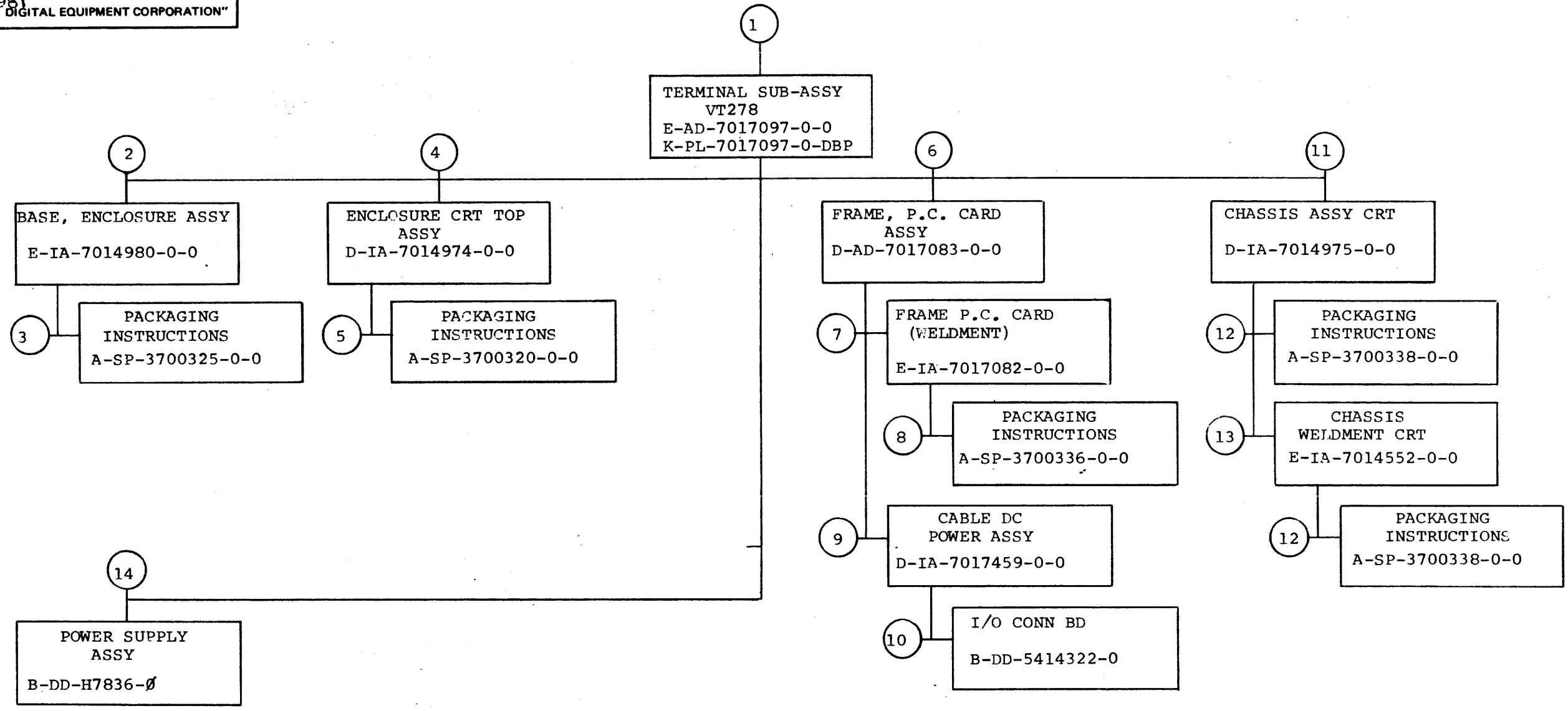
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[illegible]

REVISIONS	REV.												
	CHANGE NO.												
	CHK												
USED ON OPTION/MODEL		DRN. <i>MJ</i>	DATE	TITLE digital									
VT278		M. JOSEPH	3AUG79										
		CHK'D. <i>DA</i>	DATE	TERMINAL SUB-ASSY, VT278									
		D. HEALY	4MAY81										
		PROJ. ENG. <i>DA</i>	DATE	SIZE CODE NUMBER REV									
		A. DELUCA	4MAY81										
		PROD. <i>PK</i>	DATE	B DD 7017097-0 A									
		P. KUJAR	4MAY81										
SHEET 1 OF 3		DIST.											

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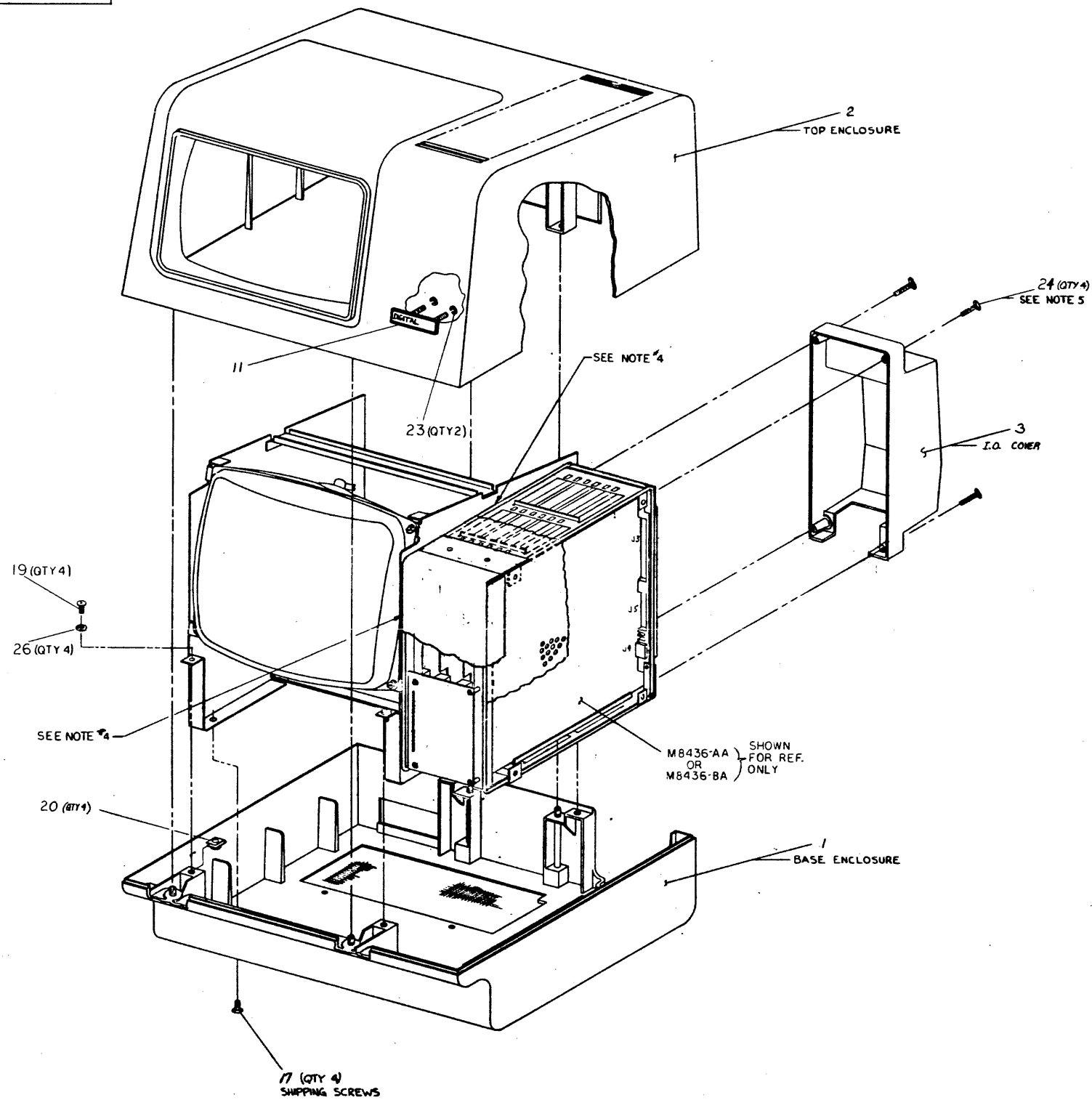
TITLE	SHEET 2 OF 3	SIZE CODE	NUMBER	REV
TERMINAL SUB-ASSY, VT278		B DD	7017097-0	A

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE		
1	E-AD-7017097-0-0	TERMINAL SUB-ASSY	E/M						
	K-PL-7017097-Ø-DBP	TERMINAL SUB-ASSY	E/M						
	B-IA-7423018-0-0	ISOLATION MOUNT	M						
	D-IA-7423341-0-0	LOGO VT278	M						
	B-IA-7423006-0-0	SCREW, HEX WASHER	M	8	A-SP-3700336-0-0	PACKAGING INSTRUCTIONS	M		
	E-MD-7425258-0-0	COVER I/O	M						
	A-SP-3016080-0-0	MONITOR ASSY	E/M						
				9	D-IA-7017459-0-0	CABLE, DC POWER	E/M		
					D-IA-7017556-0-0	CABLE, DC POWER			
					A-PS-3618395-0-0	LABEL, ASSY. PART 7017459	M		
				10	B-DD-5414322-0-0	I/O CONN BOARD	E/M		
2	E-IA-7014980-0-0	BASE, ENCLOSURE ASSY	M						
	E-MD-7418871-0-0	ENCLOSURE, CRT BOTTOM	M						
	C-MD-7419837-0-0	SCREEN INSERT	M						
				11	D-IA-7014975-0-0	CHASSIS, ASSY C.R.T.	M		
					C-MD-7419419-0-0	CLIP, SUPPORT	M		
3	A-SP-3700325-0-0	PACKAGING INSTRUCTIONS	M						
				12	A-SP-3700338-0-0	PACKAGING INSTRUCTIONS	M		
4	D-IA-7014974-0-0	ENCLOSURE, CRT TOP ASSY	M						
				13	E-IA-7014552-0-0	CHASSIS WELDMENT C.R.T.	M		
					E-IA-7419474-0-0	CHASSIS, C.R.T. R.H.	M		
5	A-SP-3700328-0-0	PACKAGING INSTRUCTIONS	M		E-MD-7419475-0-0	CHASSIS, C.R.T. L.H.	M		
					E-MD-7419473-0-0	HOUSING, P.S., C.R.T. CHASSIS	M		
					D-MD-7419476-0-0	HANDLE AND BRACE C.R.T. CHASSIS	M		
					C-MD-7419477-0-0	ANGLE, TIE DOWN	M		
6	D-AD-7017083-0-0	FRAME, P.C. CARD ASSY	M						
	D-IA-7423011-0-0	STOP, P.C. CARD	M						
				14	B-DD-H7836-Ø	POWER SUPPLY ASSY	E/M		
7	E-IA-7017082-0-0	FRAME, P.C. CARD (WELDMENT)	M						
	C-MD-7419794-0-0	FRAME	M						
	E-IA-7423009-0-0	BRKT, CARD CAGE, BOTTOM	M						
	E-IA-7423010-0-0	BRKT, CARD CAGE, TOP	M						
TYPE: E ELECTRICAL M MECHANICAL E/M ELECTRO/MECHANICAL				TITLE		SHEET 3 OF 3	SIZE CODE B DD	NUMBER 7017097-0	REV A
digital				TERMINAL SUB ASSY, VT278					

digital

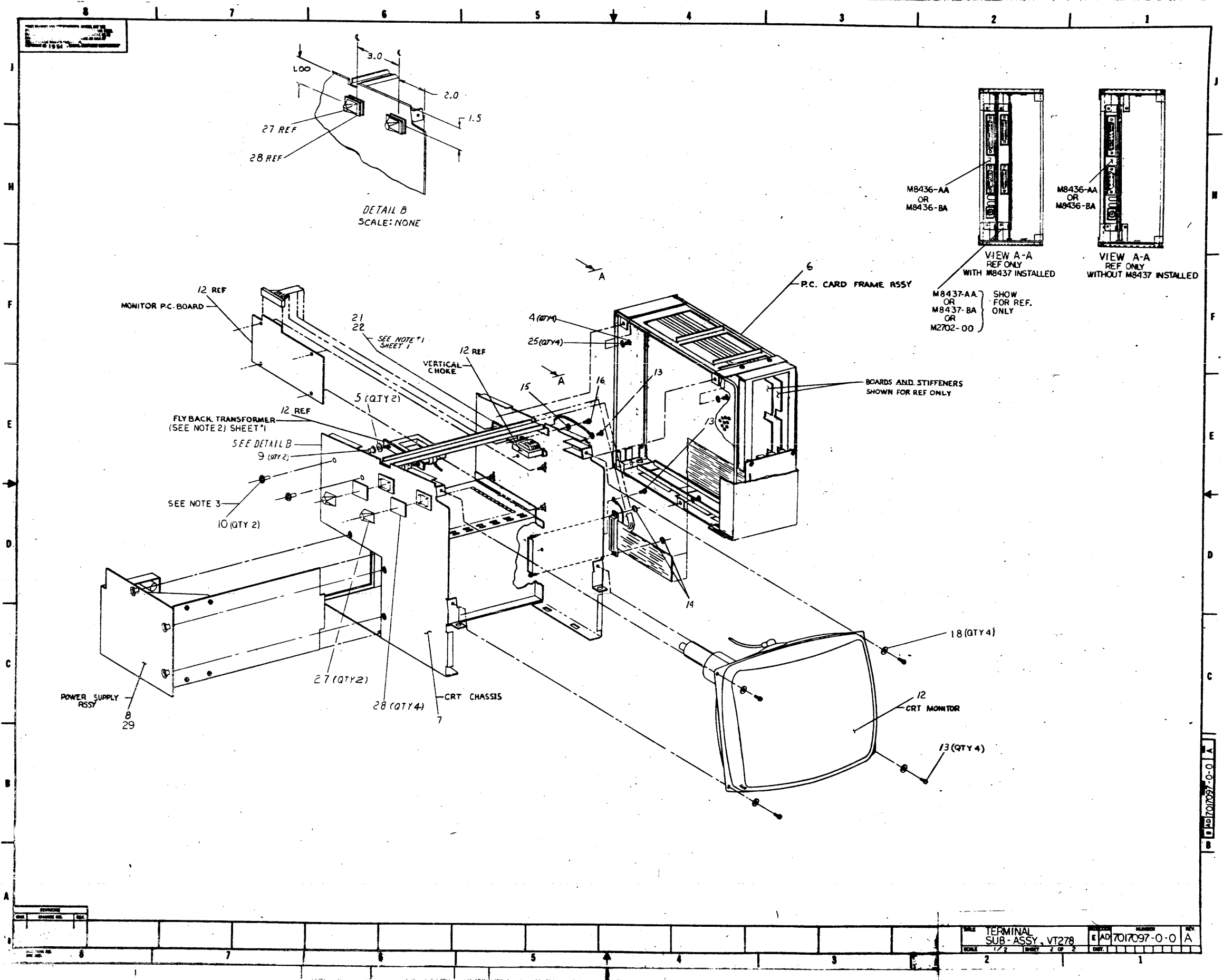
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- NOTES:
1. TO MOUNT ITEM #21 USE ADHESIVE ITEM #22.
 2. DISCARD HARDWARE SUPPLIED WITH FLYBACK TRANS (PART OF ITEM 12) & REPLACE WITH ITEMS (5,9 & 10).
 3. TORQUE ITEM #10 TO 4 IN-LBS.
 4. THE PEAK OF THE GAP SHALL BE NO GREATER THAN .020 WIDE AND SHALL NOT EXCEED 2.00 INCHES IN LENGTH MAX. TOP AND FRONT ONLY.
 5. ITEM 24 TO BE TORQUED TO 7^{+0}_{-2} IN LBS.



OFF SHEET PARTS LIST REF TO K-PL-7017037-0-DBP

QUANTITY & VARIATION	DESCRIPTION	UNIT/PART NO.	ITEM NO.
1	TERMINAL SUB-ASSY, VT278	VT278	1
1	TERMINAL SUB-ASSY, VT278	VT278	2
1	TERMINAL SUB-ASSY, VT278	VT278	3
1	TERMINAL SUB-ASSY, VT278	VT278	4
1	TERMINAL SUB-ASSY, VT278	VT278	5
1	TERMINAL SUB-ASSY, VT278	VT278	6
1	TERMINAL SUB-ASSY, VT278	VT278	7
1	TERMINAL SUB-ASSY, VT278	VT278	8
1	TERMINAL SUB-ASSY, VT278	VT278	9
1	TERMINAL SUB-ASSY, VT278	VT278	10
1	TERMINAL SUB-ASSY, VT278	VT278	11
1	TERMINAL SUB-ASSY, VT278	VT278	12
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1	TERMINAL SUB-ASSY, VT278	VT278	20
1	TERMINAL SUB-ASSY, VT278	VT278	21
1	TERMINAL SUB-ASSY, VT278	VT278	22
1	TERMINAL SUB-ASSY, VT278	VT278	23
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1	TERMINAL SUB-ASSY, VT278	VT278	45
1	TERMINAL SUB-ASSY, VT278	VT278	46
1	TERMINAL SUB-ASSY, VT278	VT278	47
1	TERMINAL SUB-ASSY, VT278	VT278	48
1	TERMINAL SUB-ASSY, VT278	VT278	49
1	TERMINAL SUB-ASSY, VT278	VT278	50



LINE ITEM		DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION	
					00	01
1	1	E-IA-7014980-0-0	7014980-04	BASE, ENCLOSURE ASSY	1	1
2	2	D-IA-7014974-0-0	7014974-01	ENCLOSURE, CRT TOP ASSY	1	1
3	3	E-MD-7425258-0-0	7425258-00	COVER, I/O	1	1
4	4		9006021-01	SCREW, PAN, PHIL 6-32X 5/16 SS	4	4
5	5		9008193-00	WASHER, NYLON, FLAT .312 X .812	2	2
6	6	D-AD-7017083-0-0	7017083-00	FRAME P.C. CARD ASSY.	1	1
7	7	D-IA-7014975-0-0	7014975-02	CHASSIS, ASSY CRT	1	1
8	8	E-UA-H7836-0-0	H7836-A	+5V 2.5A, +12V 2A, -12V 0.25A, 120V	1	1
9	9	B-IA-7423018-0-0	7423018-00	ISOLATION MOUNT.	2	2
10	10	B-IA-7423006-0-0	7423006-00	SCREW, HEX WASHER HD, 4-40	2	2
11	11	D-IA-7423341-0-0	7423341-00	LOGO VT278	1	1
12	12		7018349-01	MONITOR ASSY, CRT, DIRECT DRIVE	1	1
13	13		9000049-08	SCREW, HEX, SLOT SEMS 6-32X .312L	6	6
14	14		9010007-00	RING, RETAINING, EXTERNAL FOR 7/6	2	2
15	15		9006659-00	WASHER, FLAT, .375 O.D. X .156 I	1	1
16	16		9010112-00	SCREW, TAPPING, TYPE B, HEX, SLOT,	1	1
17	17		9010135-00	SCREW, FLAT, SLOT 8-32X 1/2	4	4
18	18		9006666-00	WASHER, FLAT, 500 OD X .187 ID	4	4
19	19		9006073-03	SCREW, TRUS, PHIL, 10-32X 1/2	4	4
20	20		9007786-01	RETAINER, U-NUT, 10-32	4	4
21	21		9007035-00	GROMMET #122-37-1500	1	1
22	22		9009157-00	ADH, LIQ. RM. TEMP CURING COLORLESS	1	1
23	23		9009257-00	RING, RETAINING, REINFORCED, .35	2	2
24	24		1217241-00	SCREW, HEX, SLOT, NYLON COVERED,	4	4
25	25		9007649-00	WASHER, LOCK, EXTERNAL TOOTH #6	4	4
26	26		9007651-00	WASHER, LOCK, EXTERNAL TOOTH #10	4	4
27	27		9009624-00	BUMPR, SQ., ADH. BACK RUB-POLYU	2	2
28	28		9007833-00	FASTENER, PLASTIC, ADHESIVE BACK	4	4
29	29	E-UA-H7836-0-0	H7836-B	POWER SUPPLY ASSY 220V	-	1

REVISION HISTORY		BASIC PART NO: 7017097		DRN: MIKE JOSEPH		DATE: 17-JAN-80		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF A					TITLE PARTS LIST	
---	INITIAL	A	SECTION. VARIATION INDEX	CHK'D: DENNIS HEALY	DATE: 5-MAY-81	TERMINAL SUB ASSY VT278			
			(A) 00,01						
			(B)	DES.ENG.: ROY KIZINA	DATE: 5-MAY-81				
			(C)			DOCUMENT NUMBER			
			(D)	RESP.ENG.: AL DELUCA	DATE: 5-MAY-81	SIZE	CODE	NUMBER	REV
			(E)	MFG.ENG.: PAUL KUJAR	DATE: 5-MAY-81	K	PL	7017097-0-DBP	A
			(F)	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #	
				E-AD-7017097-0-0	#B-DD-7017097-0	20775A.PLS		7	
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SHEET A1 OF A1

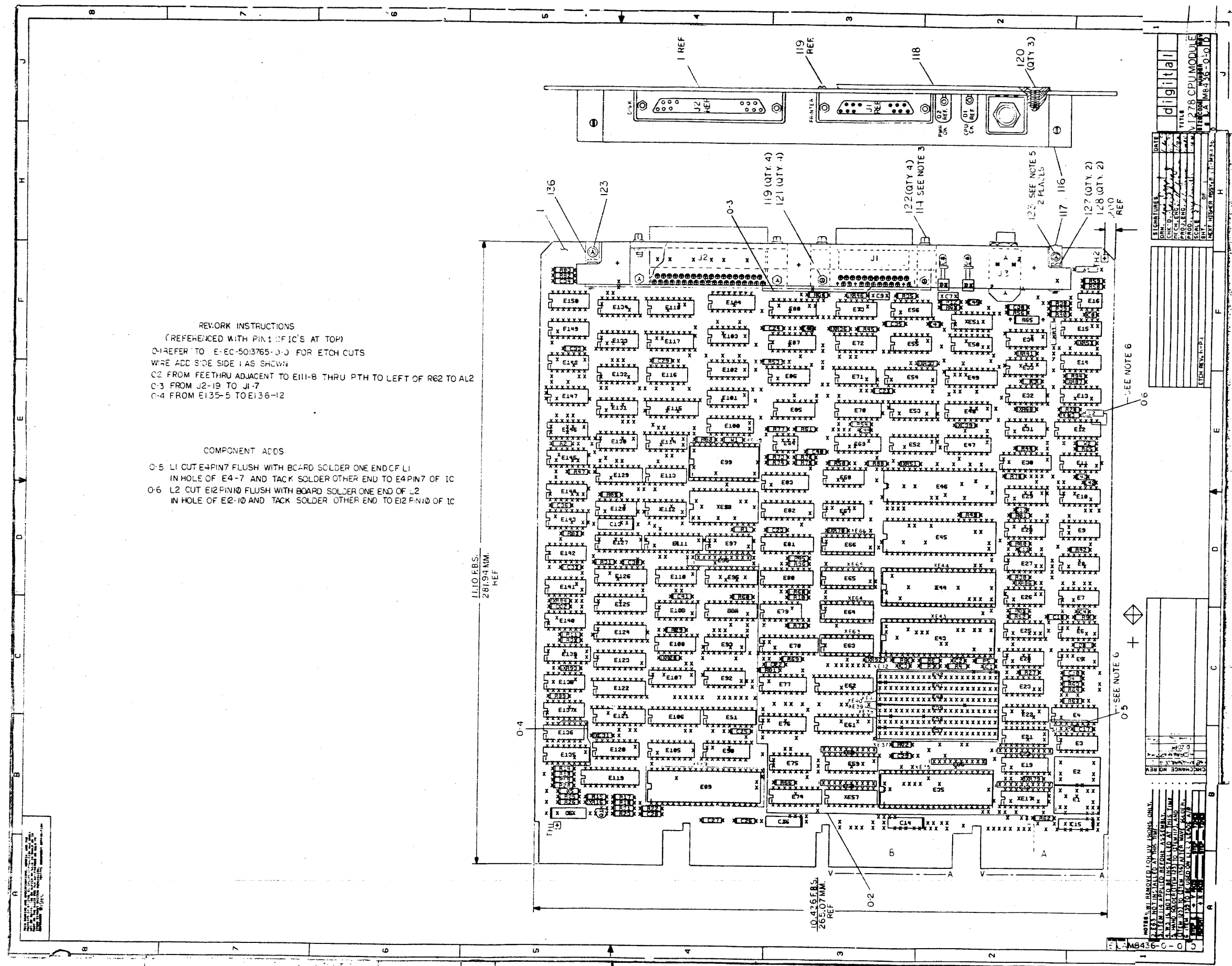
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3 NOTE: THIS OPTION USED ON M8436-AA & M8436-BA

REVISION HISTORY			BASIC PART NO: VTX78			DRN: LISE M. GRAHAM			DATE: 15-MAY-80			D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A			CHK'D: D. HEALY			DATE: 4-MAY-81			TITLE PARTS LIST			
---	INITIAL	A	SECTION. VARIATION INDEX			[A] A			EXTENDED LANGUAGE GROUP A						
			[B]			DES.ENG.: L. KIZINA			DATE: 4-MAY-81						
			[C]			RESP.ENG.: A. DELUCA			DATE: 4-MAY-81			DOCUMENT NUMBER			
			[D]									SIZE CODE		NUMBER	REV
			[E]			MFG.ENG.: P. KUJAR			DATE: 4-MAY-81			K	PL	VTX78-0-DBP	A
			[F]			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			FILE NAME:			EDIT #
						D-AR-VTX78-0-0			D-UA-VT278-B-0			Z1468A.PLS			2

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LINE	ITEM	DOCUMENT	NUMBER
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— **THE UNIVERSITY OF CHICAGO**

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							VT278 CPU MODULE		K	PL	M9436-G-DBP	D

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER	VARIA	REFERENCE DESIGNATOR
					00	AA	BA	
75	75		1912818-00	LS38 NAND BUFFER-QUAD 2IN	1	1	1	E34
77	77		1912823-00	LS73 FF-JK DUAL W/CLEAR	2	2	2	E26, E148
78	78		1912824-00	LS74 FF-D DUAL, EDGE TRIGG	13	13	13	E7, E13, E136, E141, E101, E102, E103, E86, E149, E73, E14, E50, E123
							CONT	
80	80		1912840-00	LS136 X-OR GATE-QUAD 2IN, 0	1	1	1	E138
81	81		1912843-00	LS139 DECODER, 2 OF 4(DUAL	1	1	1	E107
82	82		1912847-00	LS157 MUX 1 OF 2(QUAD)	5	5	5	E87, E117, E90, E105, E120
83	83		1912857-00	LS197 COUNTER, BINARY, PRESET	1	1	1	E147
84	84		1912858-00	LS221 ONE SHOT-DUAL, SCHMIT	1	1	1	E135
85	85		1912863-00	LS273 FF-D OCTAL W/CLEAR	2	2	2	E119, E111
86	86		1913340-00	74532 OR GATE-QUAD 2IN	1	1	1	E137
87	87		1913471-00	LS367 DRIVER, BUS, HEX, TRI-	2	2	2	E22, E21
88	88		1913677-00	74LS160 COUNTER, LOW PWR, SCHO	1	1	1	E93
89	89		1914156-00	LM 393 VOLT. COMPARATOR DUAL	1	1	1	E16
90	90		1914451-00	74LS393 COUNTER, BINARY, 4BIT	2	2	2	E79, E8
91	91		1913462-00	74S240 OCTAL BUFFER, INVERTI	1	1	1	E78
92	92		1915219-00	LS373 FF-D OCTAL-TRANSPARE	1	1	1	E61
93	93		1915758-00	SN 74LS166N SHIFT REG. 8BIT PAR	1	1	1	E100
94	94		1916867-00	74LS395A SHIFT R+G, 4BIT	3	3	3	E48, E53, E70
95	95		1912746-00	DEC 74537 NAND GATE-QUAD 2IN	2	2	2	E5, E23
96	96		2112623-00	DUAL BAUD RATE GEN/PROG DIVIDER,	1	1	1	E30
97	97		2113936-01	65618-9 1K CMOS RAM, STATIC	3	3	3	E80, E81, E82
98	98		2113937-00	UART 125K BUAD	2	2	2	E45, E46
99	99		2114212-00	P 2114-2 RAM, 1024X4, STATIC	6	6	6	E121-E126
100	100		2115107-00	x HM 6120 HIGH SPEED 12BIT CMO	1	1	1	E35
101	101		2115108-00	HM 6121 I/O CONTROLLER FOR 6	2	2	2	E43, E44
102	102		2115950-00	6431 BUFFER, LATCH, HEX, THR	3	3	3	E47, E52
103	103		2115951-00	6495 BUFFER, THREE STATE, H	3	3	3	E17, E19, E69
104	104		2115952-00	6440 DRIVER, DECODE, LATCH	3	3	3	E115, E54, E49
105	105		2115955-00	6432 TRANSCEIVER, BIDIREC	5	5	5	E74, E59, E57, E94, E95
106	106		2116349-01	5037 CRTC VIDED CONTROLLE	1	1	1	E89
107	107		2301062-00	G2-01	1	1	1	E64
108	108		2301162-00	G2-01	1	1	1	E65
109	109		2301262-00	G2-01	1	1	1	E66
110	110		23088E2-00	E2-01	1	1	1	E98
111	111		23600F1-00	F1-01	1	1	1	E106
112	112		23601F1-00	F1-01	1	1	1	E91
113	113		1217535-00	SKT, IC 22PIN SIP TIN PLATE	6	6	6	XE37-XE42
114	114		1914214-00	LS374 FF-D OCTAL EDGE TRIG	1	1	1	E62
115	115		4901093-00	ADHESIVE, ANAEROBIC, RESIN BASE	A/R	A/R	A/R	
			5700005-00	HYBRID ASSY 16KX4 MEMORY SIP	-	3	-	E37, E39, E41
			CONT		-	-	6	E37, E39, E41, E38, E40, E42
116	116		7423030-00	STIFFENER, CPU	1	1	1	
117	117		7423338-00	CLIP GROUND	1	1	1	
118	118		7423657-00	SPACER MODULE	1	1	1	
119	119		9006012-01	SCREW, PAN, PHIL 4-40X 7/16 SS	4	4	4	
120	120		9006023-02	SCREW, FLAT, PHIL, 6-32X 7/16	3	3	3	
121	121		9006557-00	NUT, KEP 4-40X 1/4 AF	4	4	4	

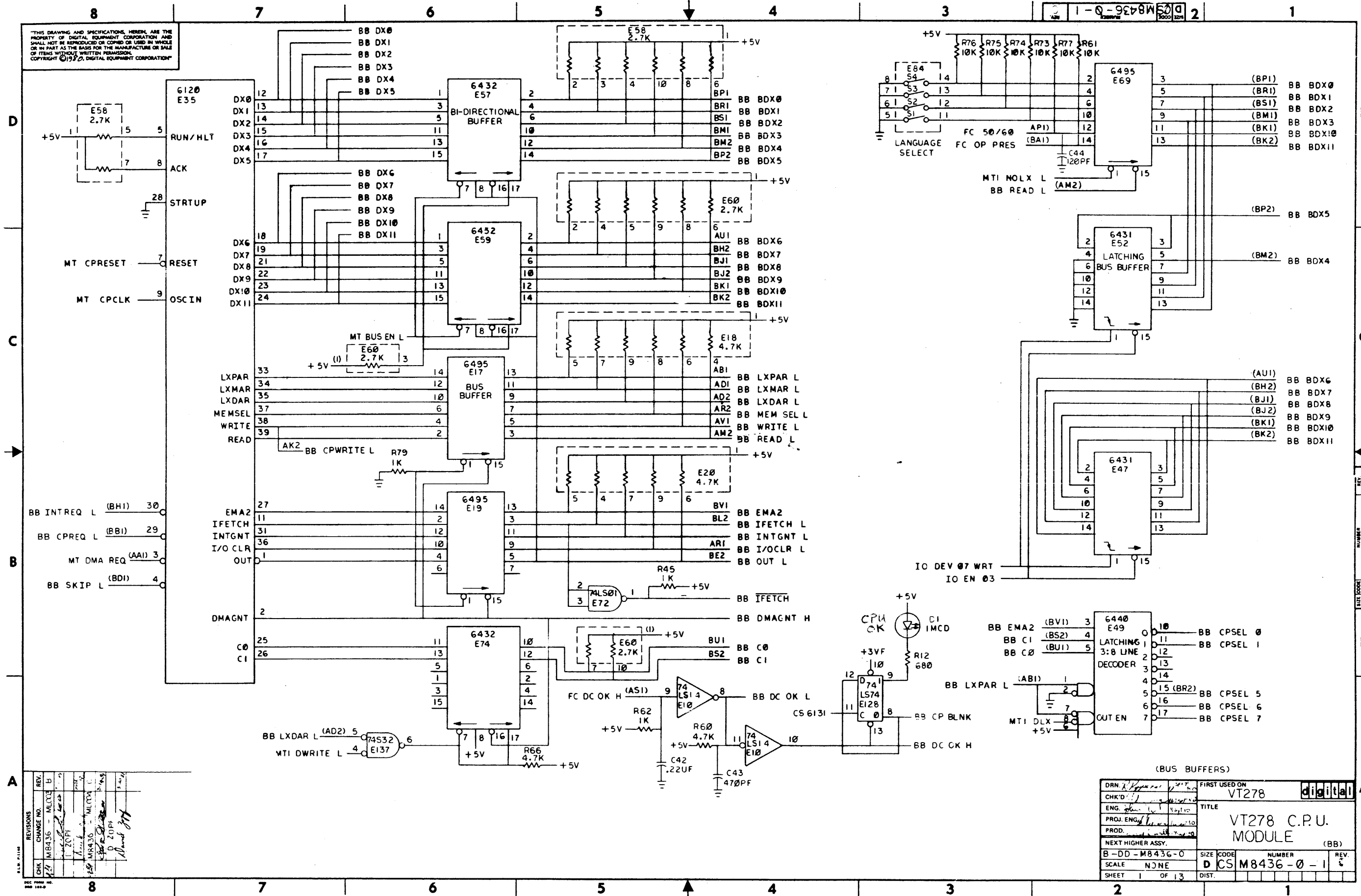
D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							VT278 CPU MODULE		K	PL	MS436-D-DBP	D

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER	VARIA	REFERENCE DESIGNATOR
					00	AA	BA	
133	133		9008451-00	SCREW LOCK, ASSY	4	4	4	
134	134		9006732-00	EYELET, ROLL FLANGE .12100X .219	2	2	2	
135	135		9009185-00	JUMPER, WIRE, INSULATED, BLACK B	4	4	4	W1, W4, W5, W2
136	136		1316395-01	R NETWORK 9-2.7K 2.0% 10 PIN	2	2	2	E58, E60
137	137		1912837-00	LS123 ONE SHOT-DUAL, RETRIG	1	1	1	E129
138	138		1217854-00	SCREW, CAPTIVE, 6-32 X 11/16	2	2	2	
139	139		9006533-00	WASHER, LOCK, INT, .28000 X .14610	2	2	2	
140	140		1010274-00	.22 MFD 50V +80-20% Z5U CER	1	1	1	C42
141	141		9105740-55	WIRE(WRAP)30AWG UL1423	A/R	A/R	A/R	
142	142		1302466-00	100.0 K .25 W 5.0 % CC	1	1	1	R36
143	143		9008144-00	*** THIS ITEM IS NOT USED ***	-	-	-	
144	144		23228E2-00	E2-01 E2-04 ROM-	1	1	1	E99
145	145		1913414-00	LS14 INVERTER GATE-HEX SC	1	1	1	E10
146	146		1000018-00	120.0 MMF 100V 5%200PPM MICA	4	4	4	C44-C47
147	147		7425124-00	BUS, GROUND, C.P.U.	1	1	1	
148	148	A-SP-3700571-D-0	3700571-00	PKG SUB ASSY VT278	A/R	A/R	A/R	
149	149		9107688-55	WIRE(WRAP)24AWG UL1327	A/R	A/R	A/R	
150	150		9107256-11	TUBING, THIN WALL .027ID UL	A/R	A/R	A/R	
151	151		1618238-02	BEAD, FERRITE .13800X.330LG	2	2	2	L1, L2

- 141 NOTE: ITEM 5 MAY BE REPLACED BY 1012084-01 8UF, 25V, Gx30D AL EL
- 142 NOTE: ITEM 19 MAY BE REPLACED BY 1217120-01 PHONE JACK, PCMOUNT
- 143 NOTE: FOR INTERPLANT PACKAGING, ORDER PACKAGING MATERIAL PER A-SP-3700571-01
- 144 NOTE: FOR FIELD SERVICE PACKAGING, ORDER PACKAGING MATERIAL PER A-SP-3700571-02
- 145 NOTE: ITEM 105 MAY BE REPLACED BY 2116349-00, VTAC CONTROLLER

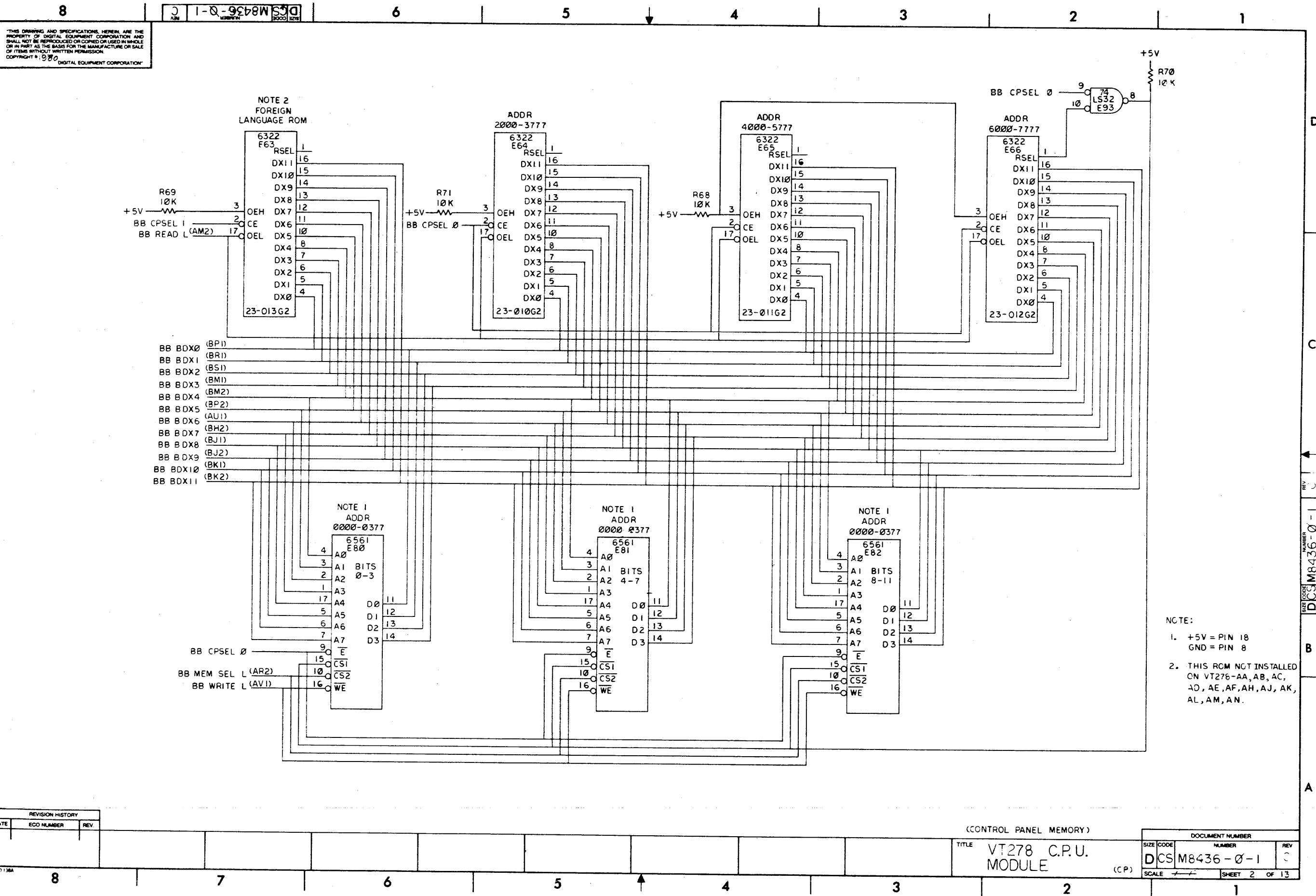
D	I	G	I	T	A	L	TITLE	VT278 CPU MODULE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	FL	M8436-D-DBP	D

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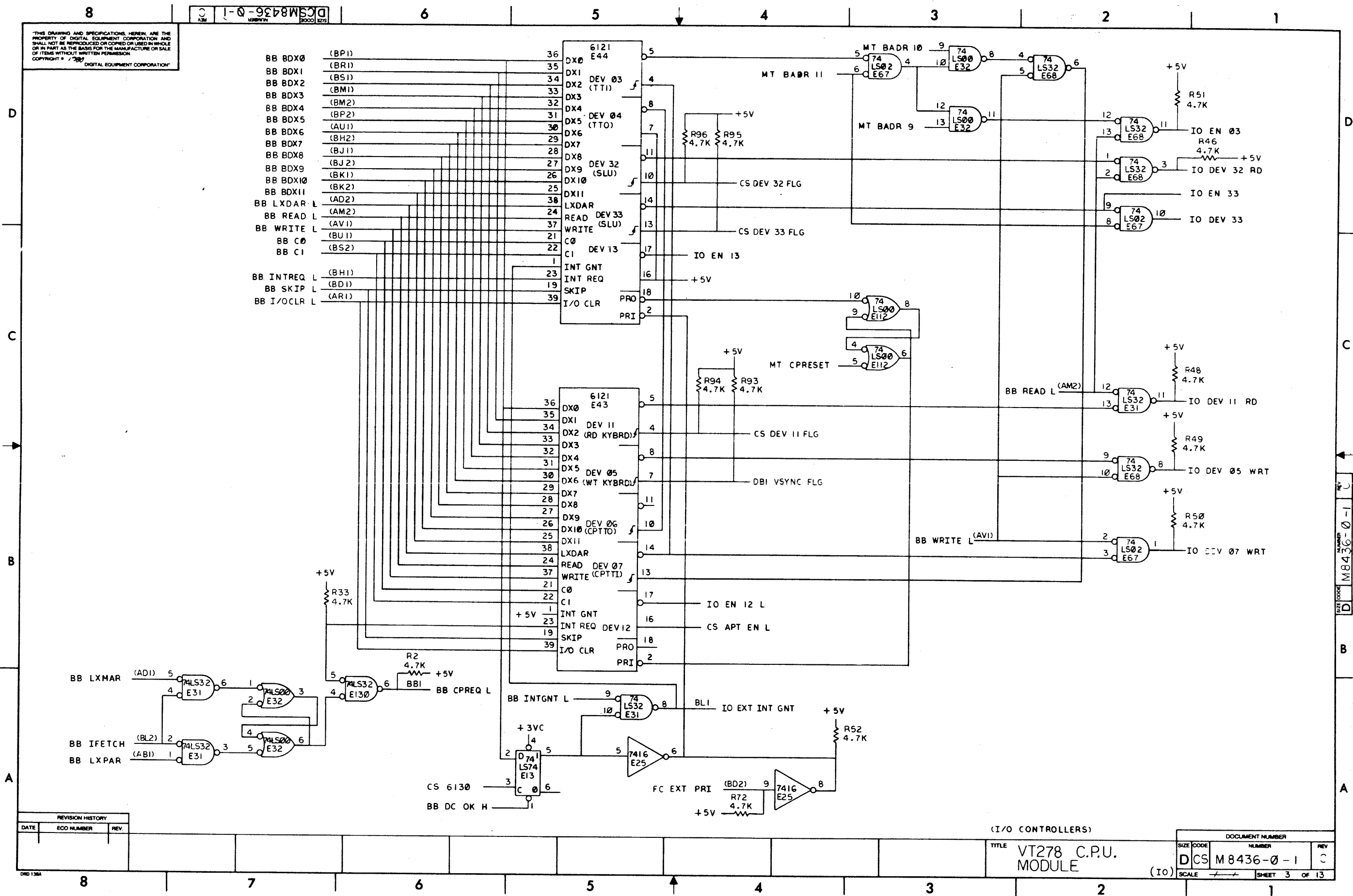


REV.	CHG.	NO.	BY	DATE
1		1	W. J. H.	11/1/72
2		2	W. J. H.	11/1/72
3		3	W. J. H.	11/1/72
4		4	W. J. H.	11/1/72
5		5	W. J. H.	11/1/72
6		6	W. J. H.	11/1/72
7		7	W. J. H.	11/1/72
8		8	W. J. H.	11/1/72

DRN	W. J. H.	FIRST USED ON	VT278
CHK'D	W. J. H.	TITLE	VT278 C.P.U. MODULE
ENG.	W. J. H.	PROD.	W. J. H.
PROJ. ENG.	W. J. H.	SCALE	NONE
NEXT HIGHER ASSY.	B-DD-M8436-0	SHEET	1 OF 13
SIZE	CODE	NUMBER	REV.
D	CS	M8436-0-1	1



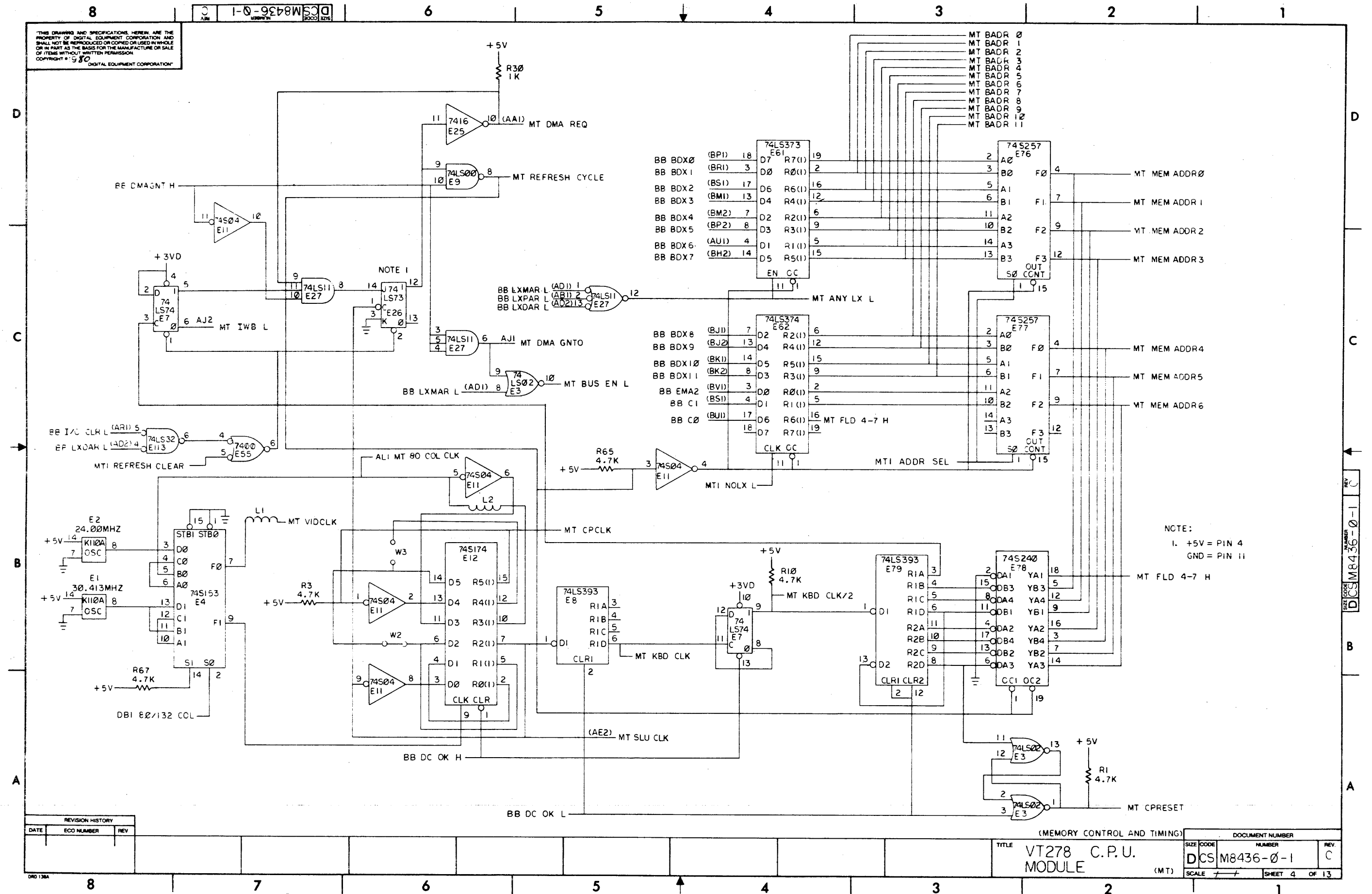
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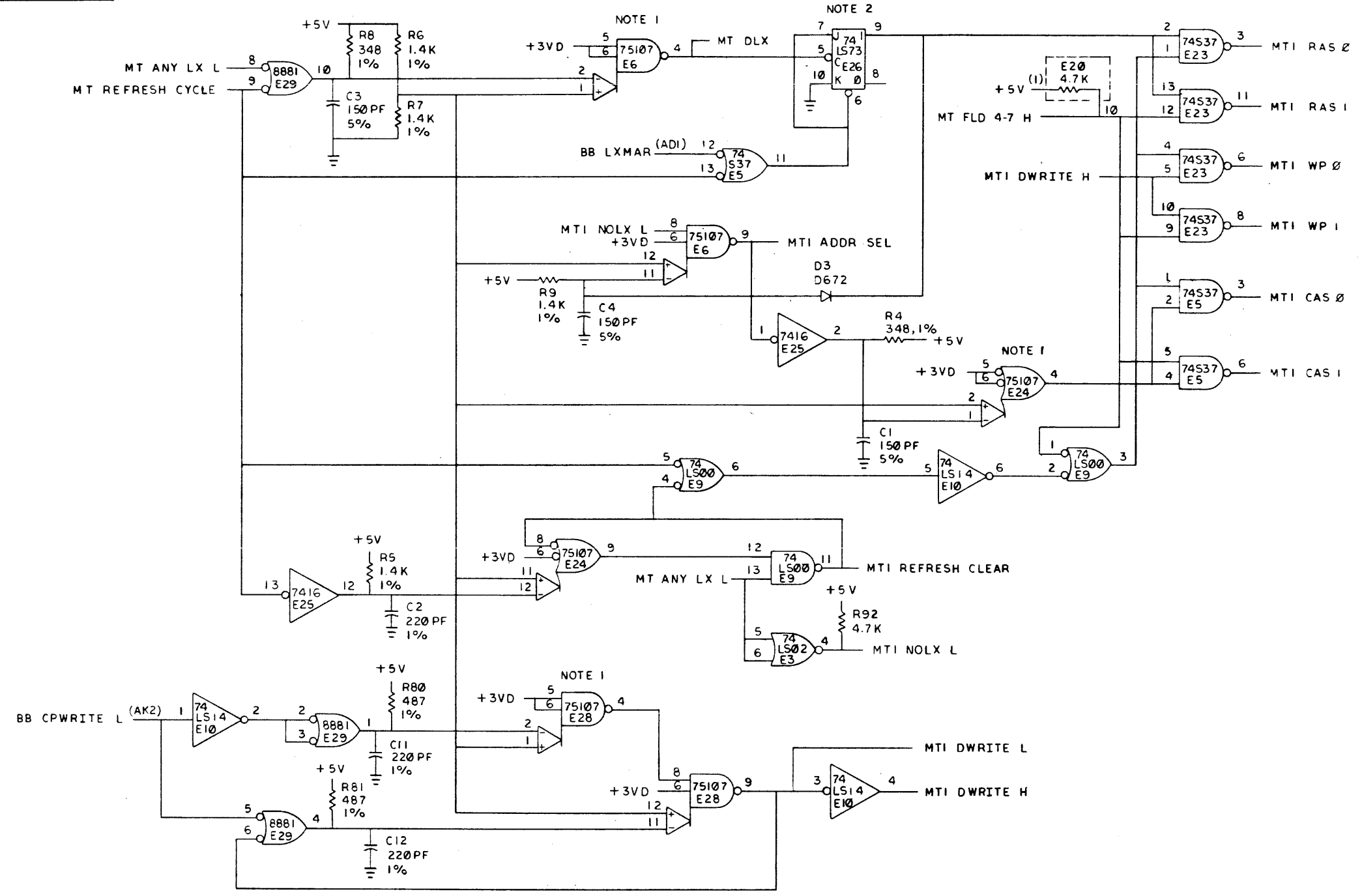
REVISION HISTORY		
DATE	ECO NUMBER	REV.

(I/O CONTROLLERS)
TITLE VT278 C.P.U. MODULE
SCALE 1:1

DOCUMENT NUMBER		
SIZE CODE	NUMBER	REV
D	CS M 8436-0-1	C
SHEET 3 OF 13		



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NOTE:
1. +5V = PIN 14
-5V = PIN 13
GND = PIN 7

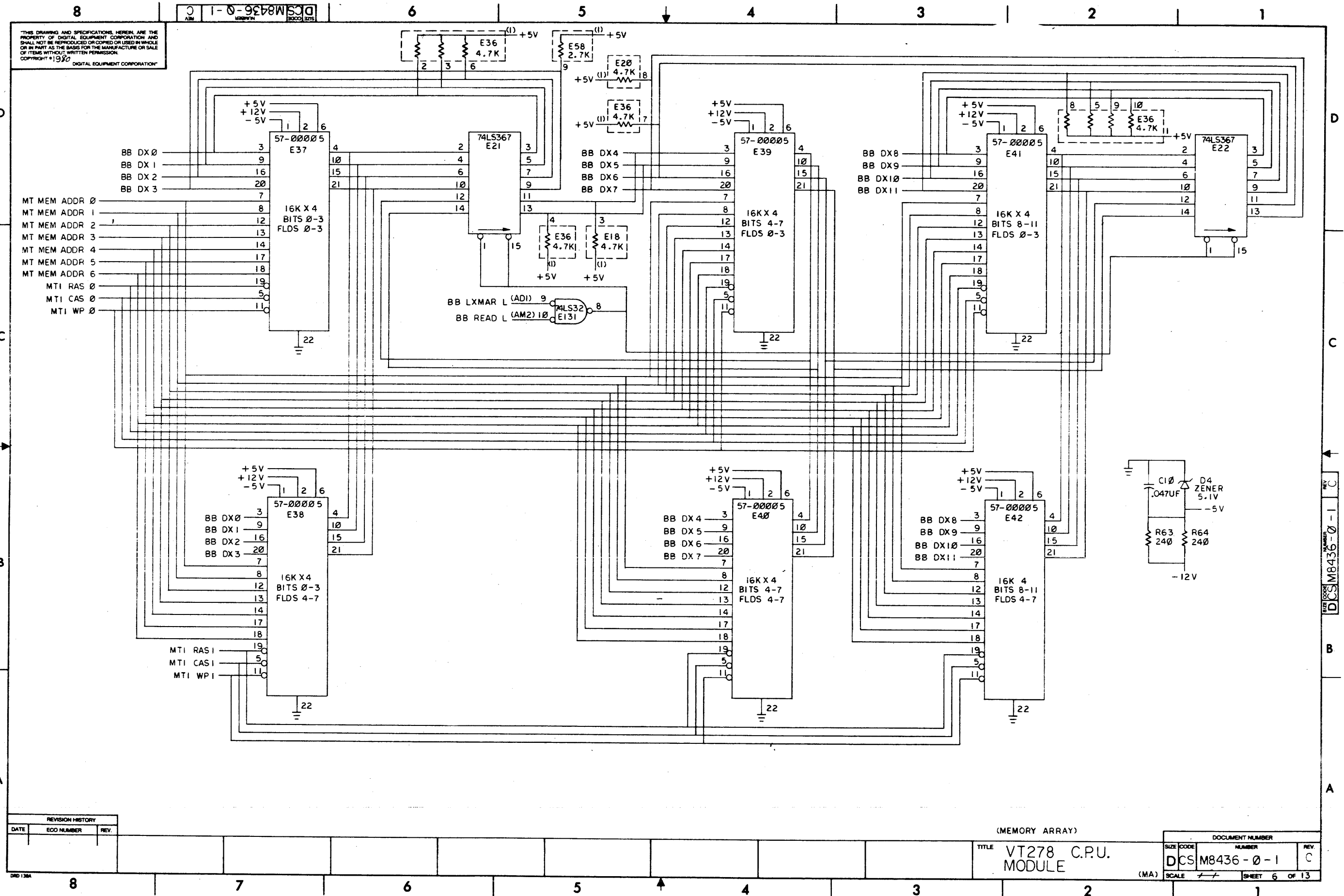
2. +5V = PIN 4
GND = PIN 11

REVISION HISTORY		
DATE	ECO NUMBER	REV

(MEMORY CONTROL AND TIMING)

TITLE VT278 C.P.U. MODULE (MTI)

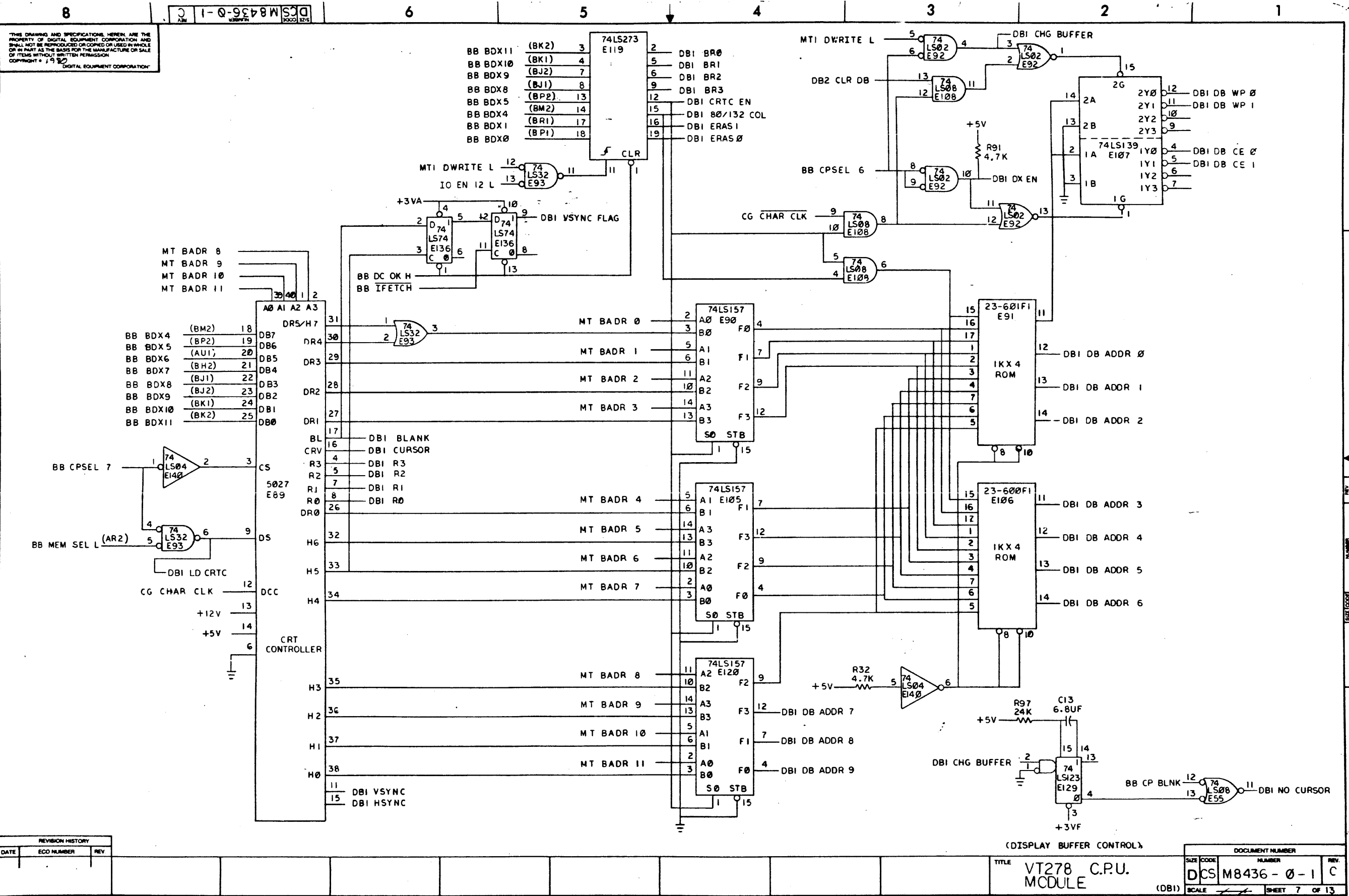
DOCUMENT NUMBER		REV
SIZE CODE	NUMBER	
DCS	M8436-0-1	
SCALE	SHEET	5 OF 13

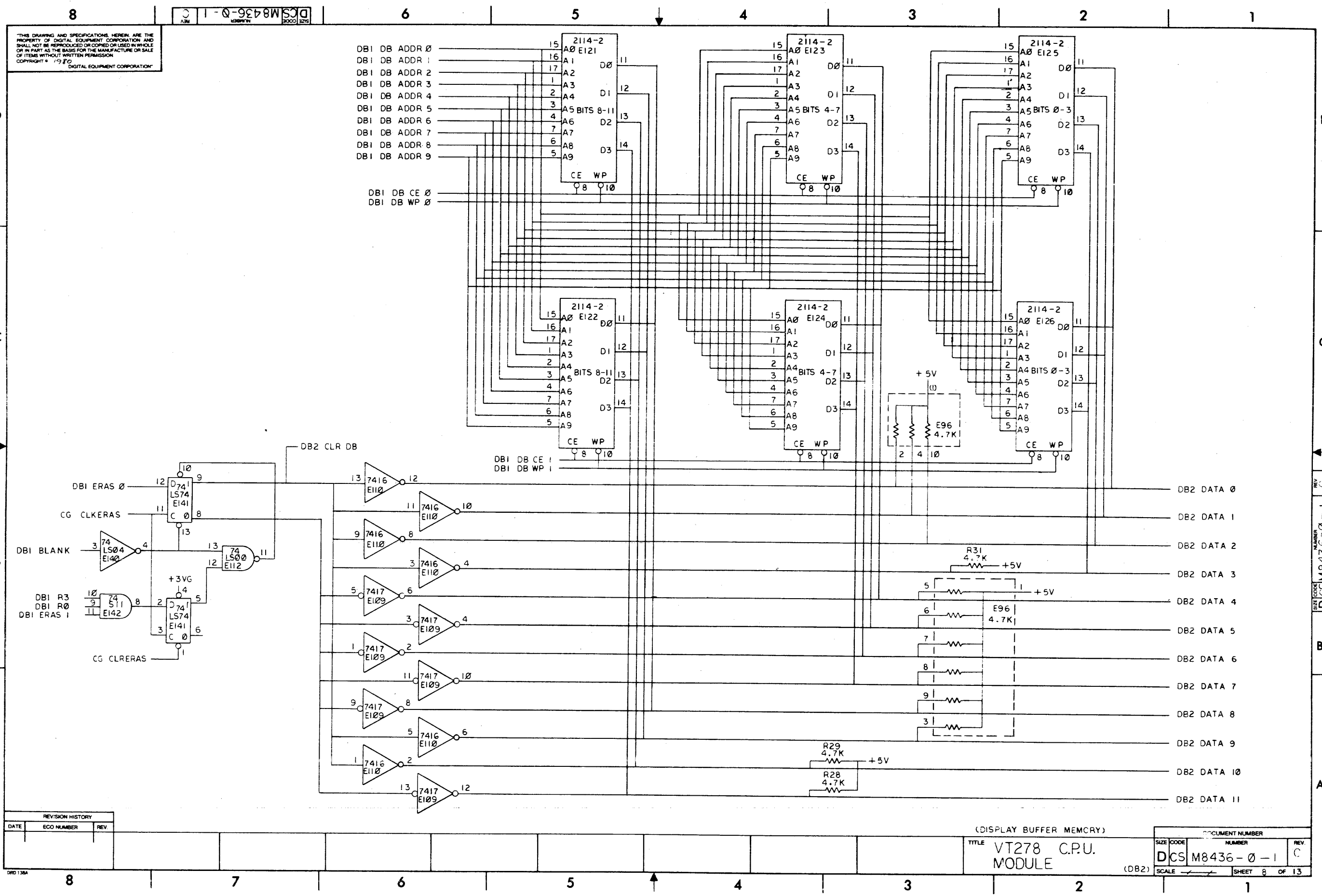


REVISION HISTORY		
DATE	ECO NUMBER	REV.

(MEMORY ARRAY)
TITLE VT278 C.P.U.
MODULE

DOCUMENT NUMBER		
SIZE	CODE	NUMBER
DCS	M8436-0-1	C
SCALE	MA	SHEET 6 OF 13

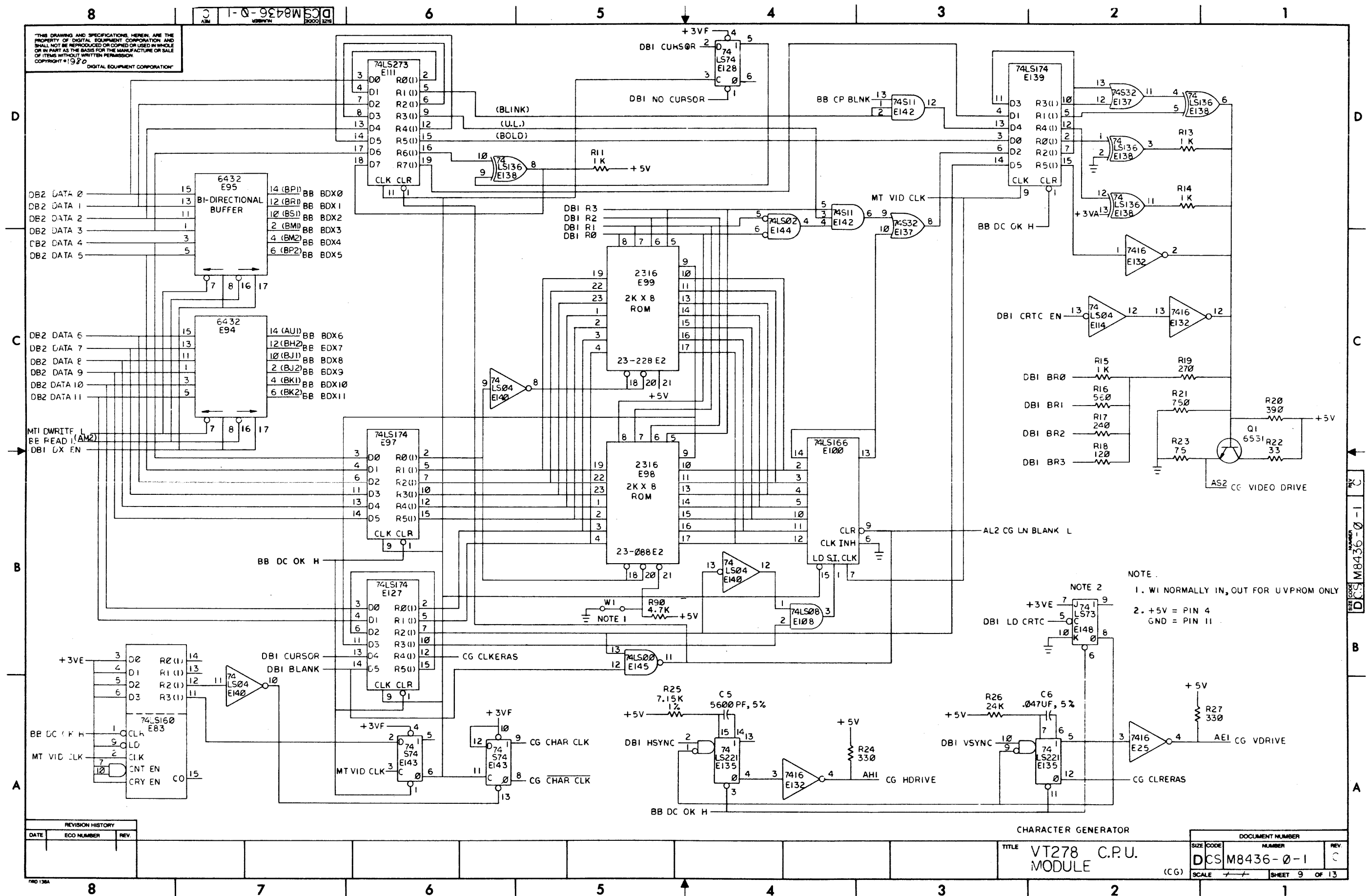


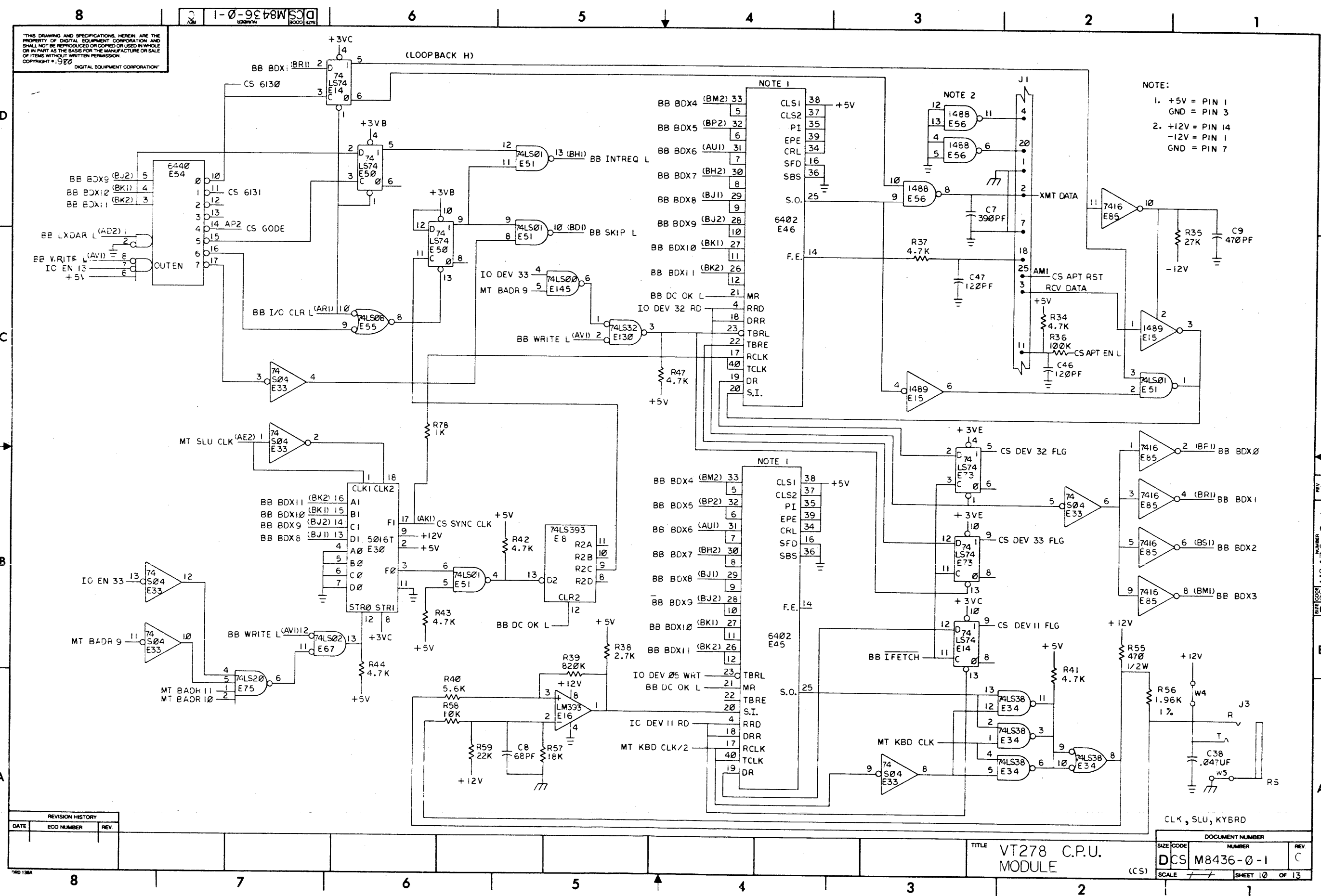


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REVISION HISTORY		
DATE	ECO NUMBER	REV.

(DISPLAY BUFFER MEMORY)		DOCUMENT NUMBER	
TITLE VT278 C.P.U. MODULE		SIZE DCS M8436-0-1	REV. C
(DB2)		SCALE	SHEET 8 OF 13





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NOTE:
1. +5V = PIN 1
GND = PIN 3
2. +12V = PIN 14
-12V = PIN 1
GND = PIN 7

NOTE 1
CLS1 38
CLS2 37
PI 35
EPE 39
CRL 34
SFD 16
SBS 36
S.O. 25
F.E. 14
MR 21
RRD 4
DRR 18
TBRL 23
TBRE 22
RCLK 17
TCLK 40
DR 19
S.I. 20

NOTE 2
1488 E56
1488 E56
1488 E56
C7 390PF
R37 4.7K
C47 120PF
1489 E15
1489 E15

NOTE 1
CLS1 38
CLS2 37
PI 35
EPE 39
CRL 34
SFD 16
SBS 36
S.O. 25
F.E. 14
MR 21
RRD 4
DRR 18
TBRL 23
TBRE 22
RCLK 17
TCLK 40
DR 19
S.I. 20

NOTE 2
1488 E56
1488 E56
1488 E56
C7 390PF
R37 4.7K
C47 120PF
1489 E15
1489 E15

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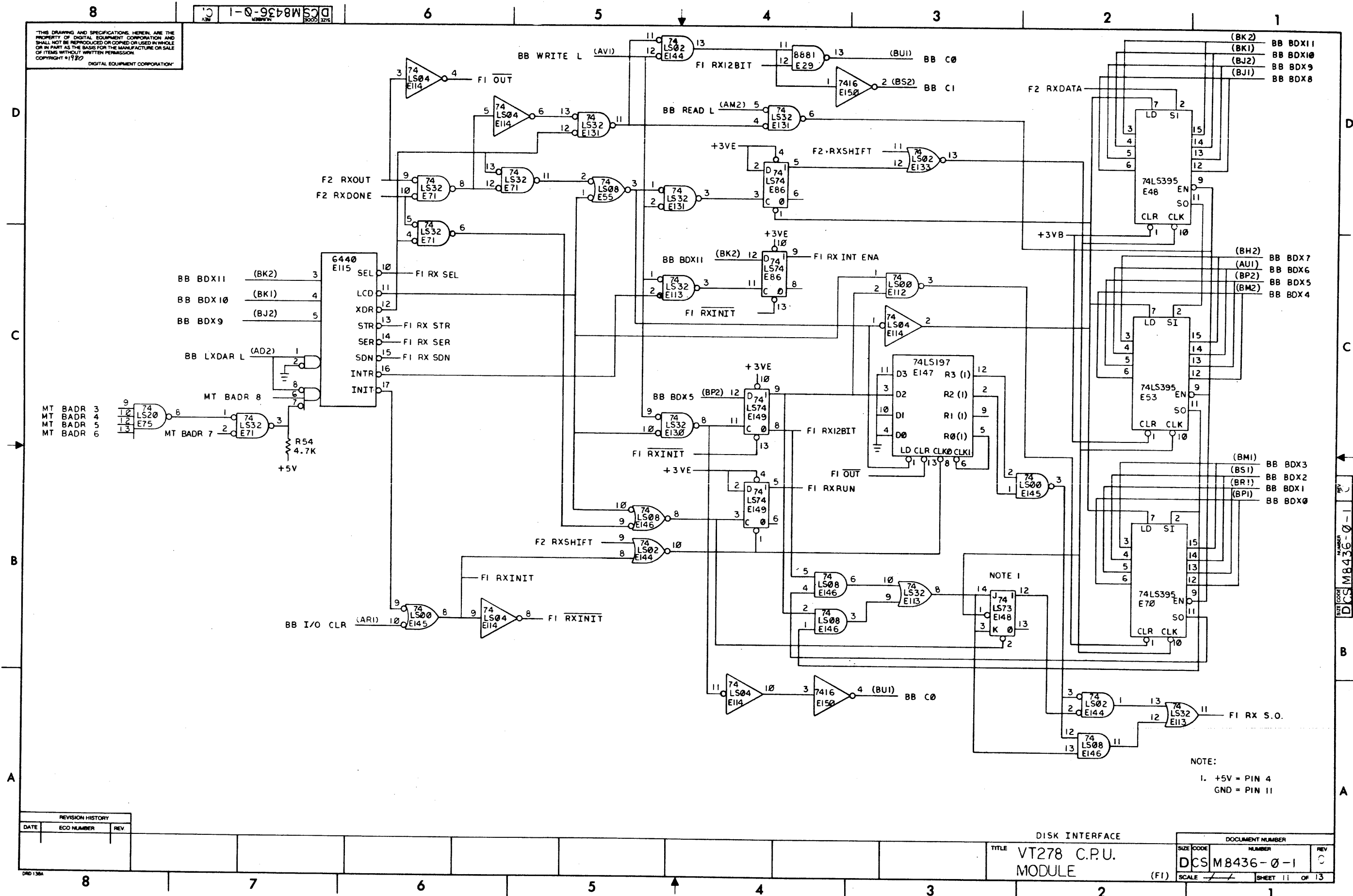
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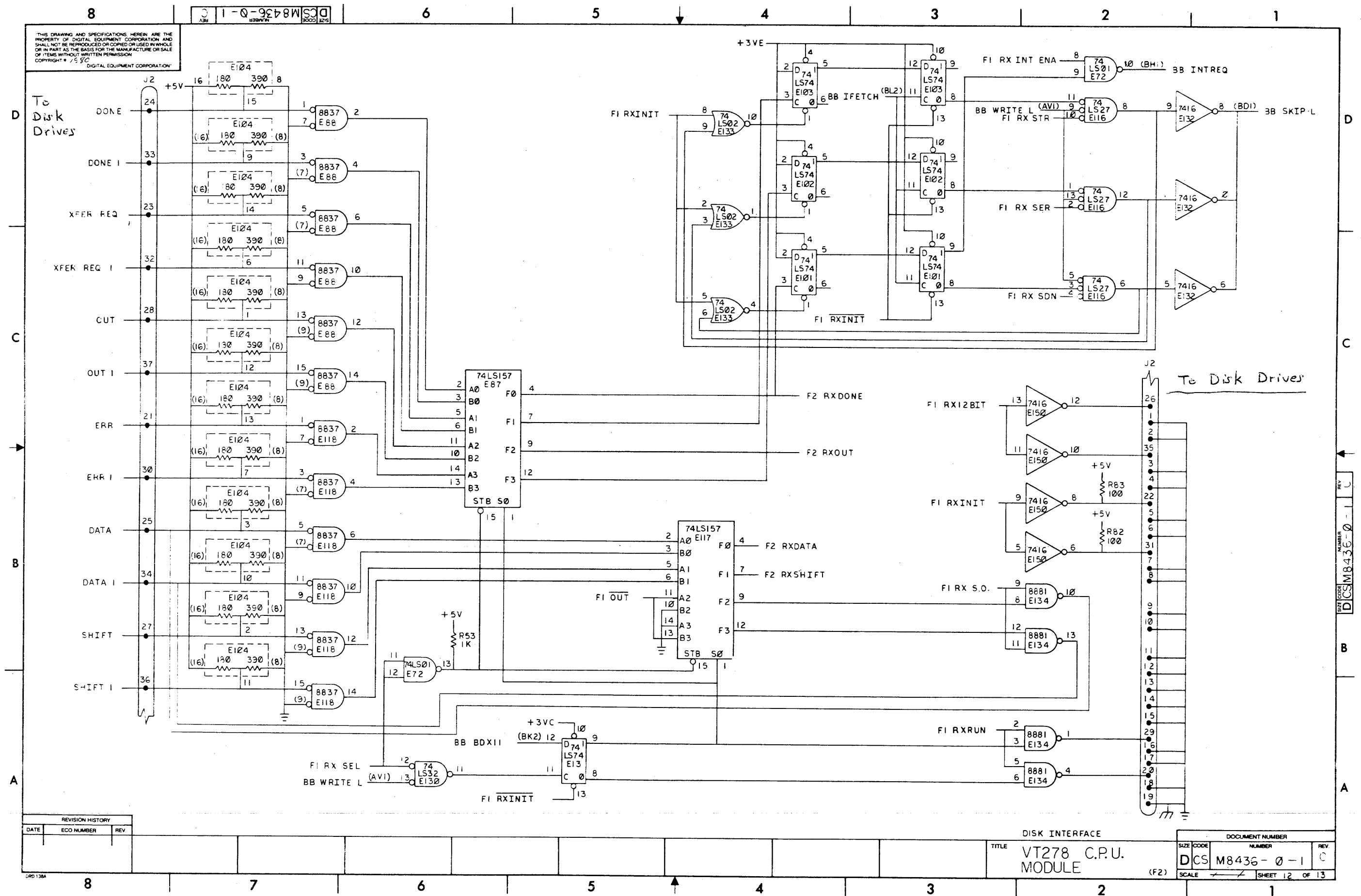


REVISION HISTORY		
DATE	ECO NUMBER	REV

DISK INTERFACE
VT278 C.P.U.
MODULE

DOCUMENT NUMBER		
SIZE	CODE	NUMBER

DCS M8436-0-1
SCALE 1:1
SHEET 11 OF 13



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C

DCS M8436-0-1

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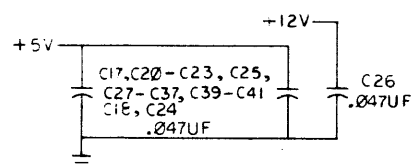
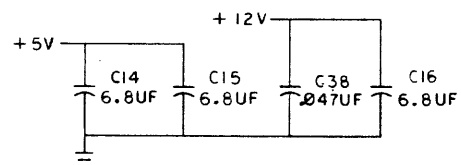
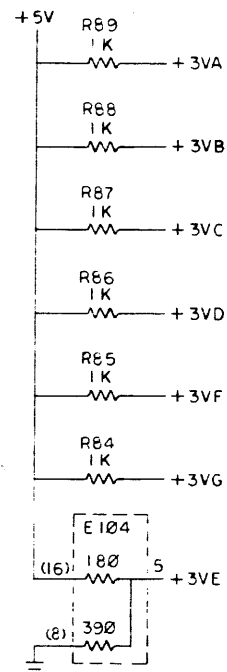
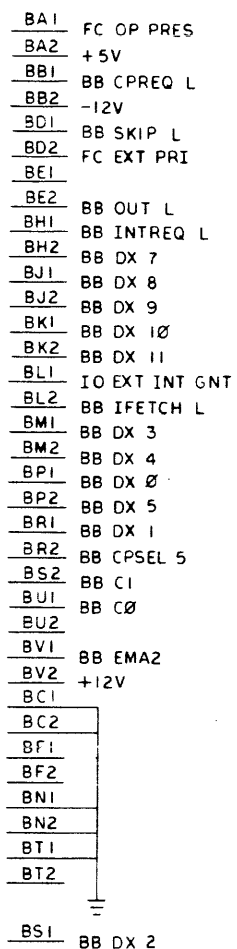
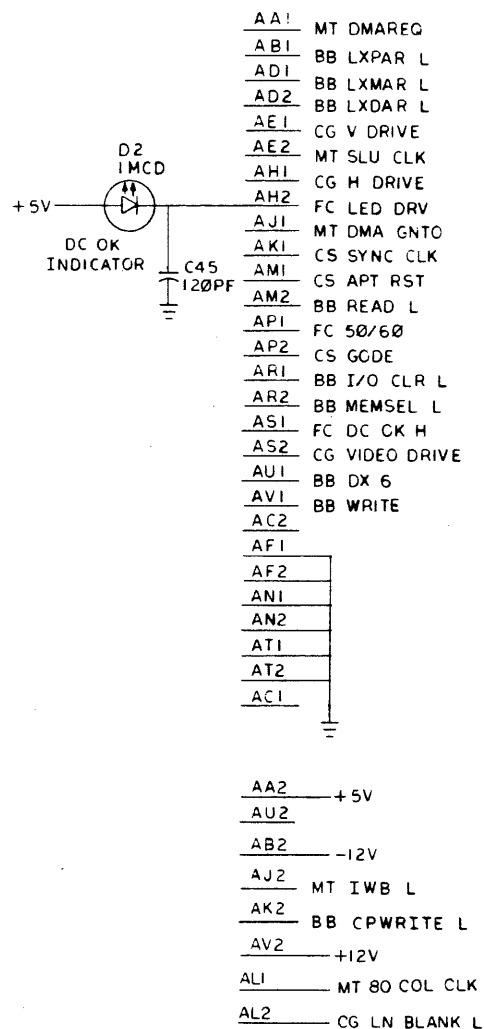
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1

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NOTES:

- HIGHEST RES DESIGNATION R97
HIGHEST CAP DESIGNATION C47
C19 DOES NOT EXIST
- ANY/ALL 6.8UF CAPS MAY BE REPLACED BY 8UF (P/N 1012084-01)



REVISION HISTORY		
DATE	ECO NUMBER	REV

DRD 138A

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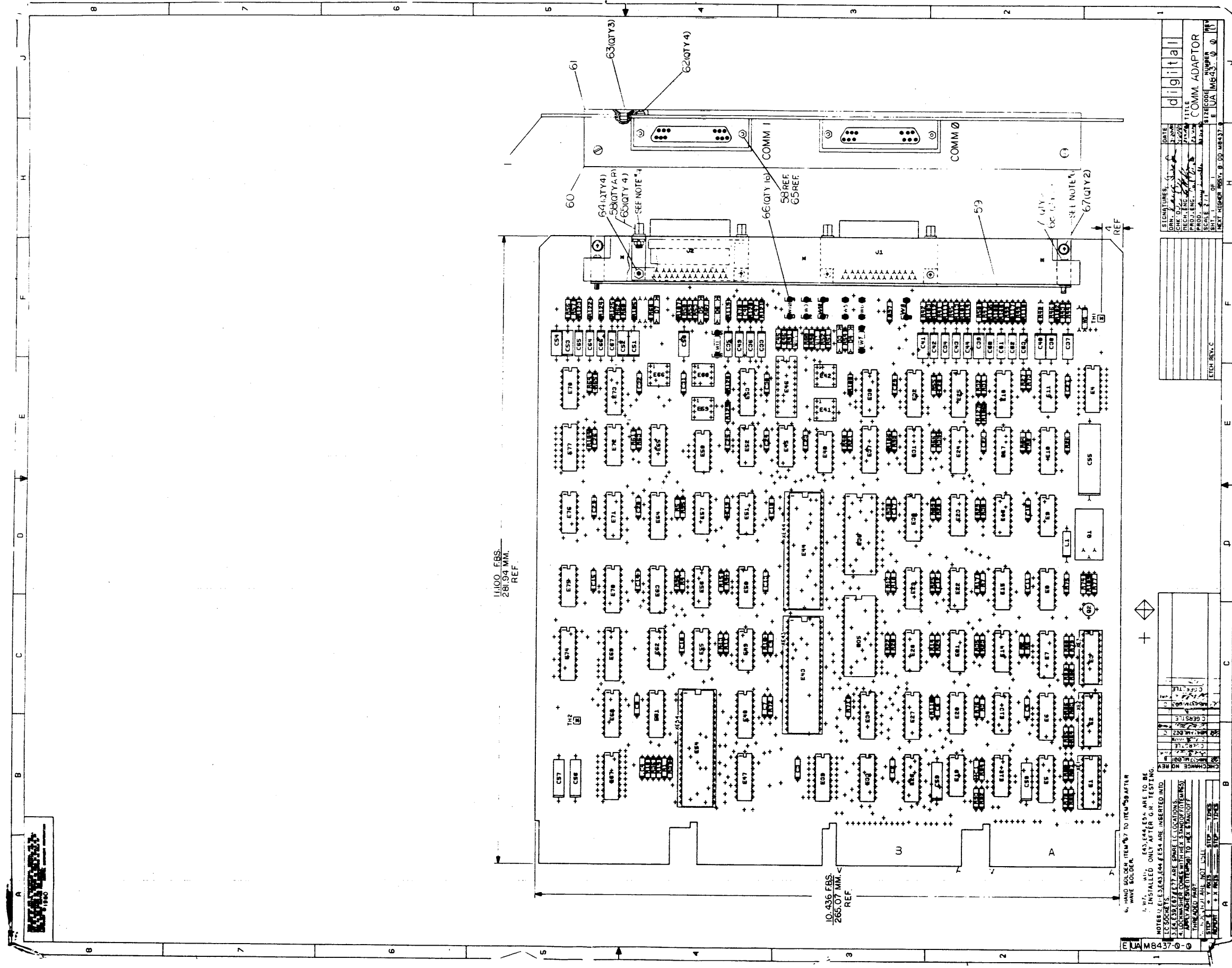
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TITLE
VT278 C.P.U.
MODULE

(FC)

DOCUMENT NUMBER		
SIZE	CODE	NUMBER
DCS	M8436-0-1	C
SCALE		SHEET 13 OF 13



LINE	ITEM	DOCUMENT	NUMBER	PART	NUMBER	DESCRIPTION	QTY PER VARIATION			REFERENCE
							00	AA	BA	
1	3			1002478-00	330	MFD 6V 20% S.TANT	1	1	1	C55
2	2			1009689-00	.0022	MFD 80V 10% MYLR	16	16	16	C33-C36,C42-C44,C49,C60-C67
3	4			1012084-01	8	MFD 25V +75-10% AL EL	4	4	4	C56-C59
4	5			1012312-00	.47	MFD 50V +80-20% CER	10	10	10	C37-C41,C50-C54
5	6			1012784-00	.047	MFD 50V +80-20% CER	36	36	36	C1-C32,C45-C48
6	8			1110967-00	IN 4005	PIV=600 I= 1A D041 SI	5	5	5	D3-D7
7	10			1211164-06	SW,DIP	1P 1A 10POS	1	1	1	E46
8	9			1211357-00	CONN,D	SUB 25PIN PLUG RT ANGLE	2	2	2	J1,J2
9	11			1215006-03	SKT,IC	18PIN DIP TIN PLATE	3	3	3	XE1,XE2,XE3
10	12			1215006-08	SKT,IC	40PIN DIP TIN PLATE	3	3	3	XE43,XE44,XE54
11	7			1217854-00	SCREW,	CAPTIVE, 6-32 X 11/16	2	2	2	
12	13			1300250-00	150.0	.25 W 5.0 % CC	1	1	1	R77
13	14			1300316-00	470.0	.25 W 5.0 % CC	1	1	1	R109
14	15			1300365-00	1.0	K .25 W 5.0 % CC	3	3	3	R73,R74,R78
15	18			1300432-00	3.0	K .25 W 5.0 % CC	2	2	2	R69,R54
16	16			1300439-00	3.30	K .25 W 5.0 % CC	3	3	3	R2,R3,R94
17	17			1300447-00	4.70	K .25 W 5.0 % CC	53	53	53	R1,R4,R5,R9-R23,R27-R40,R55,R66, R71,R72,R76,R95-R108,R92,R93
18	19			1300479-00	10.0	K .25 W 5.0 % CC	8	8	8	R6-R8,R24-R26,R51,R67
19	20			1301322-00	180.0	.25 W 5.0 % CC	20	20	20	R41-R50,R56-R65
20	21			1301972-00	270.0	.25 W 5.0 % CC	10	10	10	R79-R88
21	24			1302388-00	2.0	K .25 W 5.0 % CC	4	4	4	R126-R129
22	22			1303177-00	2.40	K .25 W 5.0 % CC	2	2	2	R75,R110
23	23			1303178-00	620.0	.25 W 5.0 % CC	1	1	1	R89
24	35			1313841-00	23.20	K .25 W 1.0 % RN55D-F10	16	16	16	R70,R111-R125
25	26			1309595-00	1.0	M .25 W 5.0 % CC	3	3	3	R52,R53,R68
26	27			1503409-01	DEC6534B	PNP 310MW SI 40 90 P	1	1	1	Q2
27	28			1510708-01	D	45H8CPNP 50WT SI 60 60 Y	1	1	1	Q1
28	29			1610999-00	.47UH	10% 690MA#WEEWEE.47	1	1	1	L1
29	30			1909928-00	7416	INVERTER GATE-HEX 11	1	1	1	E19

REVISION HISTORY		BASIC PART NO: M8437		DRN: R. BUREAU		DATE: 11-MAR-80		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: D. DROZD		DATE: 22-SEP-80		TITLE PARTS LIST	
---	INITIAL	A	SECTION VARIATION INDEX	DES.ENG: CARL GERSTLE		DATE: 11-MAR-80		COMM, ADAPTOR	
CG	M8437-MLO01	B	[A] 00,AA,BA	RESP.ENG.: CARL GERSTLE		DATE: 22-SEP-80		DOCUMENT NUMBER	
AA	M8437-MLO02	C	[B]	MFG.ENG.: BARRY DAVILLI		DATE: 22-SEP-80		SIZE CODE NUMBER REV	
CG	M8437-MLO03	D	[C]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		K PL M8437-0-DBP D	
			[D]	E-UA-M8437-0-0		B-DD-M8437-0-0		FILE NAME: Z16820.PLS	
			[E]					EDIT # 11	
			[F]						
			[G]						
			[H]						
			[I]						
			[J]						
			[K]						
			[L]						
			[M]						
			[N]						

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AUTOMATED BY PRTLST.3M(41)

PARTS LIST

SHEET A2 OF A3

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER	00	AA	BA	VARIATION	REFERENCE DESIGNATOR
30	31		1909929-00	7417 BUFFER GATE-HEX 1INP	1	1	1				E29
31	32		1911469-00	8640 RECEIVER,BUS,QUAD,U	1	1	1				E12
32	33		1912649-00	LS75 LATCH,4BIT,BISTABLE	5	5	5				E48,E63,E64,E70,E71
33	34		1912799-00	LS00 NAND-GATE-QUAD 2IN,P	1	1	1				E28
34	35		1912801-00	LS02 NOR-GATE-QUAD 2IN	3	3	3				E20,E75,E76
35	36		1912803-00	74LS04 INVERTER GATE,HEX	3	3	3				E14,E40,E51
36	37		1912805-00	LS08 AND GATE-QUAD 2IN,PO	4	4	4				E8,E23,E45,E55
37	38		1912811-00	LS21 AND GATE-DUAL 4IN,PO	1	1	1				E21
38	39		1912813-00	LS27 NOR GATE-TRIPLE 3IN	2	2	2				E49,E57
39	40		1912816-00	LS32 OR GATE-QUAD 2IN,FOS	2	2	2				E13,E16,E65
40	41		1912821-00	LS54 A-O-I GATE,3-2-2-3IN	4	4	4				E50,E52,E56,E58
41	42		1912824-00	LS74 FF-D DUAL,EDGE TRIGG	4	4	4				E9,E15,E22,E62
42	43		1912849-00	LS161 COUNTER,SYNCHR,4BIT	3	3	3				E5,E6,E7
43	44		1912853-00	LS175 FF-D QUAD	1	1	1				E61
44	45		1912862-00	LS266 X-NOR GATE-QUAD,OPN,	3	3	3				E11,E72,E78
45	46		1913471-00	LS367 DRIVER,BUS,HEX,TRI-	2	2	2				E27,E33
46	47		1915123-03	26LS32-3 RECEIVER,LINE RS232	4	4	4				E18,E25,E53,E73
47	48		1915415-00	9636 DRIVER,DUAL,EIA RS-	5	5	5				E41,E42,E59,E60,E66
48	49		2112517-50	RECEIVER/TRANSMITTER	-	-	-				E43,E44
49	50		2115103-00	RECEIVER-PCI	2	2	2				E35,E36
50	51		2115108-00	HM 6121 I/O CONTROLLER FOR 6	1	1	1				E54
51	52		2115950-00	6431 BUFFER,LATCH,HEX,THR	2	2	2				E26,E34
52	53		2115951-00	6495 BUFFER,THREE STATE,H	10	10	10				E10,E17,E24,E30-E32,E37,E38,E47,
53	54		2115952-00	6440 DRIVER,DECODER,LATCH	2	2	2			CONT	E68
54	55		23629F1-00	F1-03	-	1	1				E69,E74
55	56		23630F1-00	F1-03	-	1	1				E1
56	57		23631F1-00	F1-03	-	1	1				E2
57	58		4901093-00	ADHESIVE,ANAEROBIC,RESIN BASE	A/R	A/R	A/R				E3
58	59	E-MD-5013771-0-0	5013771-00	DRILL & ETCH BRD	1	1	1				
59	60		7425125-00	BUS,GROUND,COMMUNICATION	1	1	1				
60	61		7423340-00	STIFFENER,COMMOPTION	1	1	1				
61	62		7423657-00	SPACER MODULE	1	1	1				
62	63		9006011-01	SCREW,PAN,PHIL 4-40X 3/8 SS	4	4	4				
63	64		9006023-02	SCREW,FLAT,PHIL, 6-32X 7/16	3	3	3				
64	65		9006557-00	NUT,KEP 4-40X 1/4 AF	4	4	4				
65	66		9006633-00	WASHER,LOCK,INT,.2800D X .146ID	2	2	2				
66	67		9006732-00	EYELET,ROLL FLANGE .1210DX .219	2	2	2				
67	68		9006735-00	EYELET,FUNNEL FLANGE,.059 OD X	16	16	16				
68	69		9008451-00	SCREW LOCK,ASSY	4	4	4				
69	70		9009185-00	JUMPER,WIRE,INSULATED,BLACK B	5	5	5				W7,W11,W13,W14,W1
70	70		9107560-01	WIRE,BUSS,22AWG	2	2	2				W8,W12

71 NOTE: ITEM #49(PART#2112517-50) IS NOT PREFERRED, THE PREFERRED PART IS (2112517-01).

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							COMM, ADAPTOR		K	PL	M8437-0-DBP	D

P A R T S L I S T

[illegible]

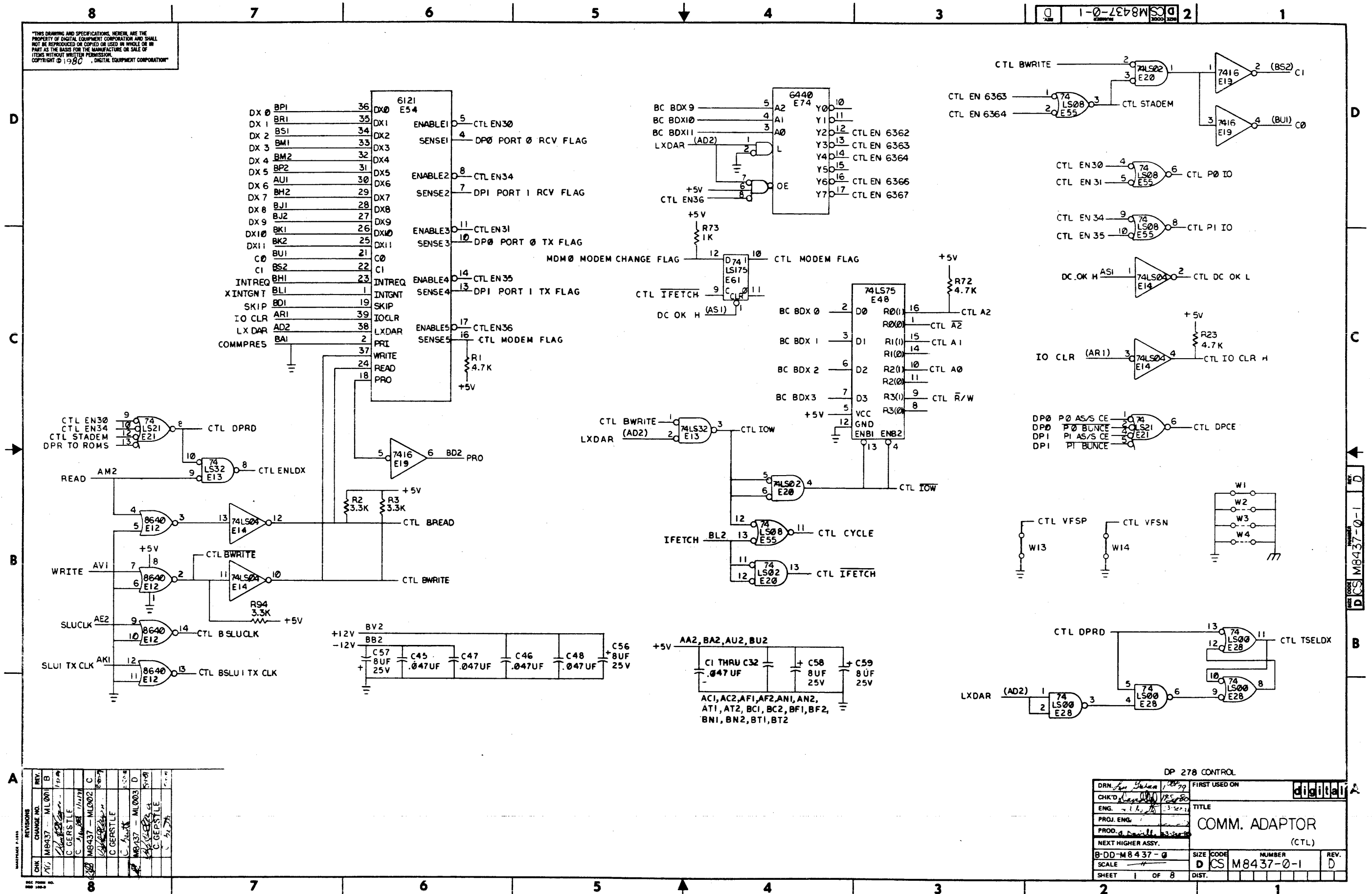
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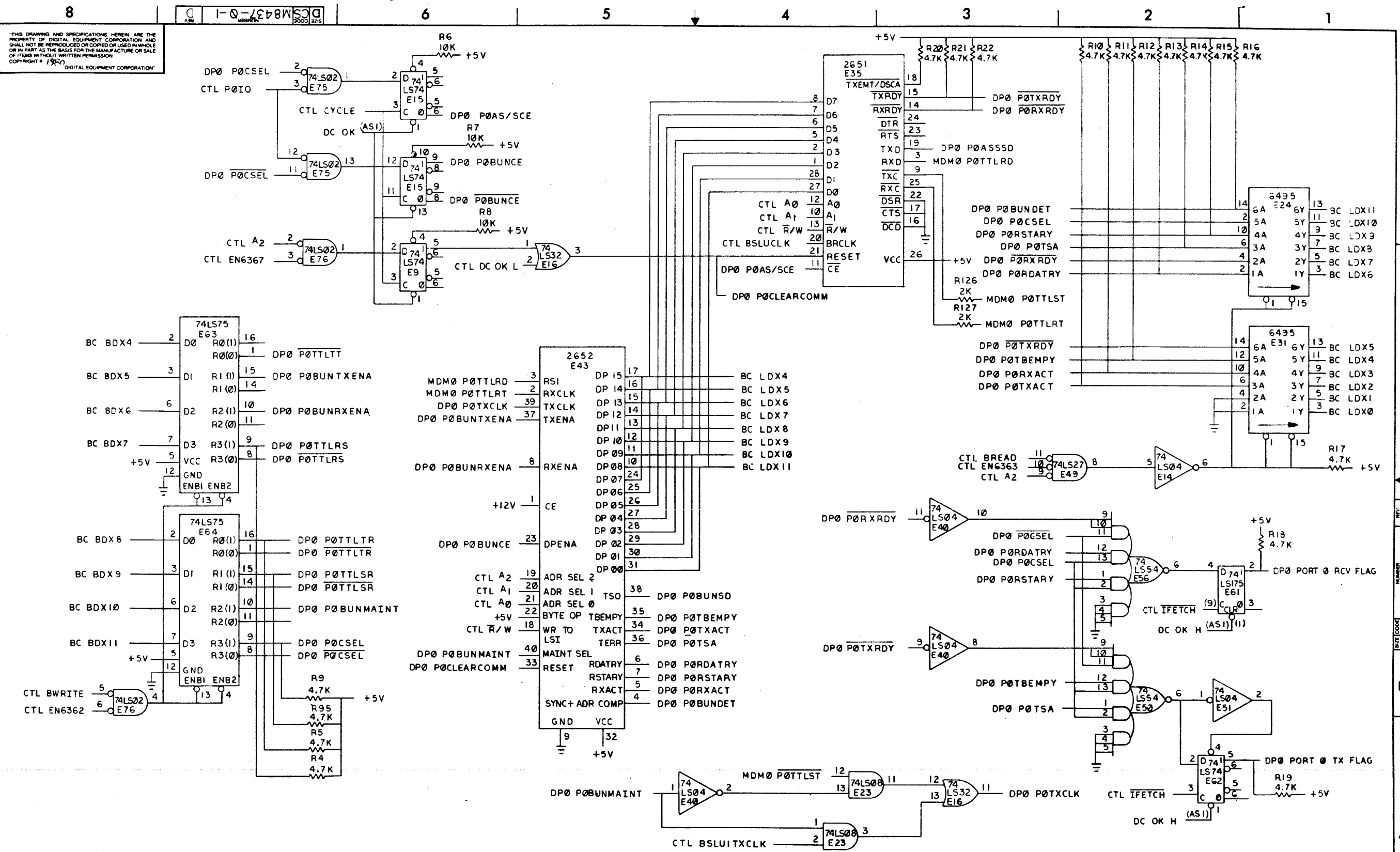
PART NUMBER

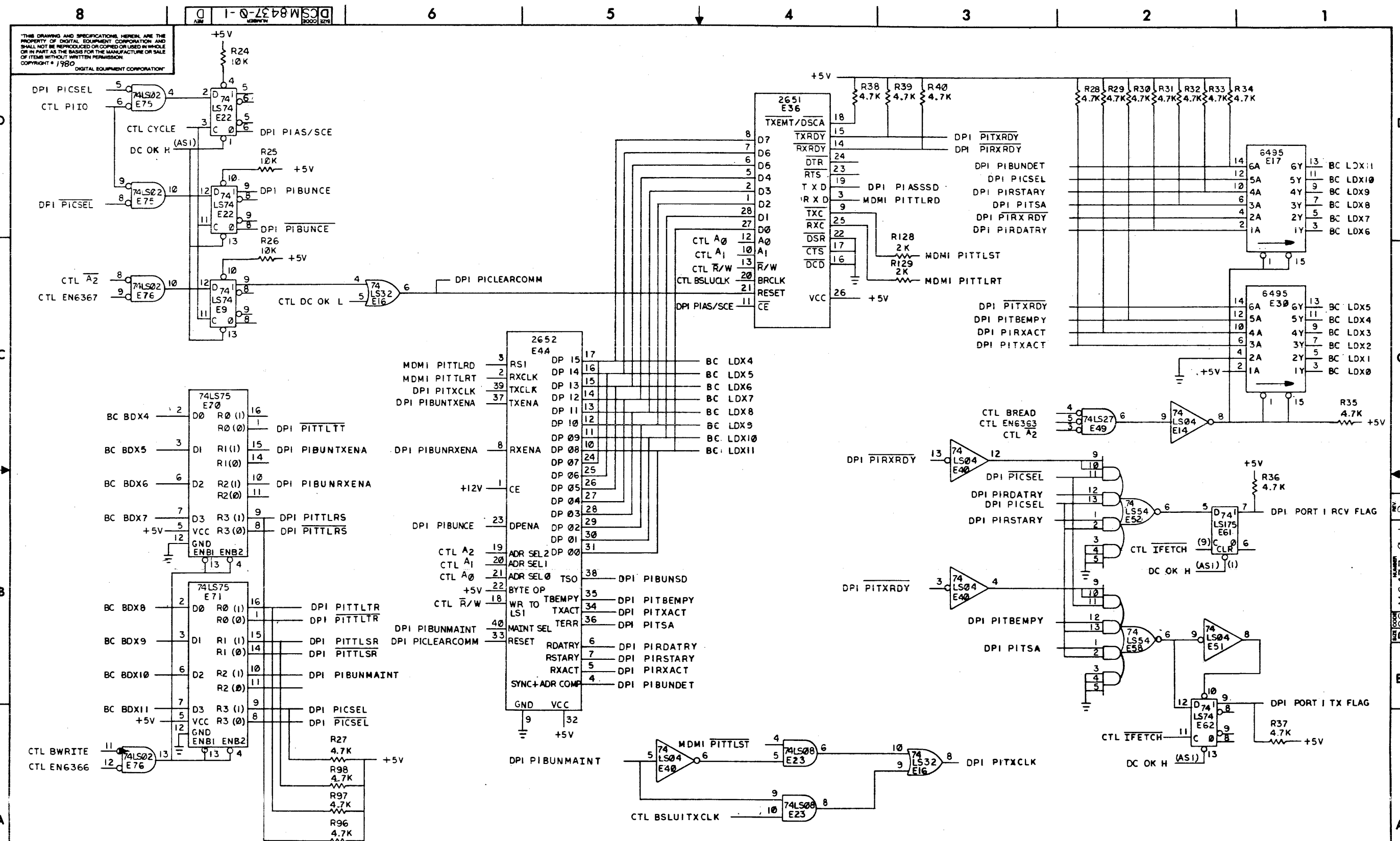
DESCRIPTION

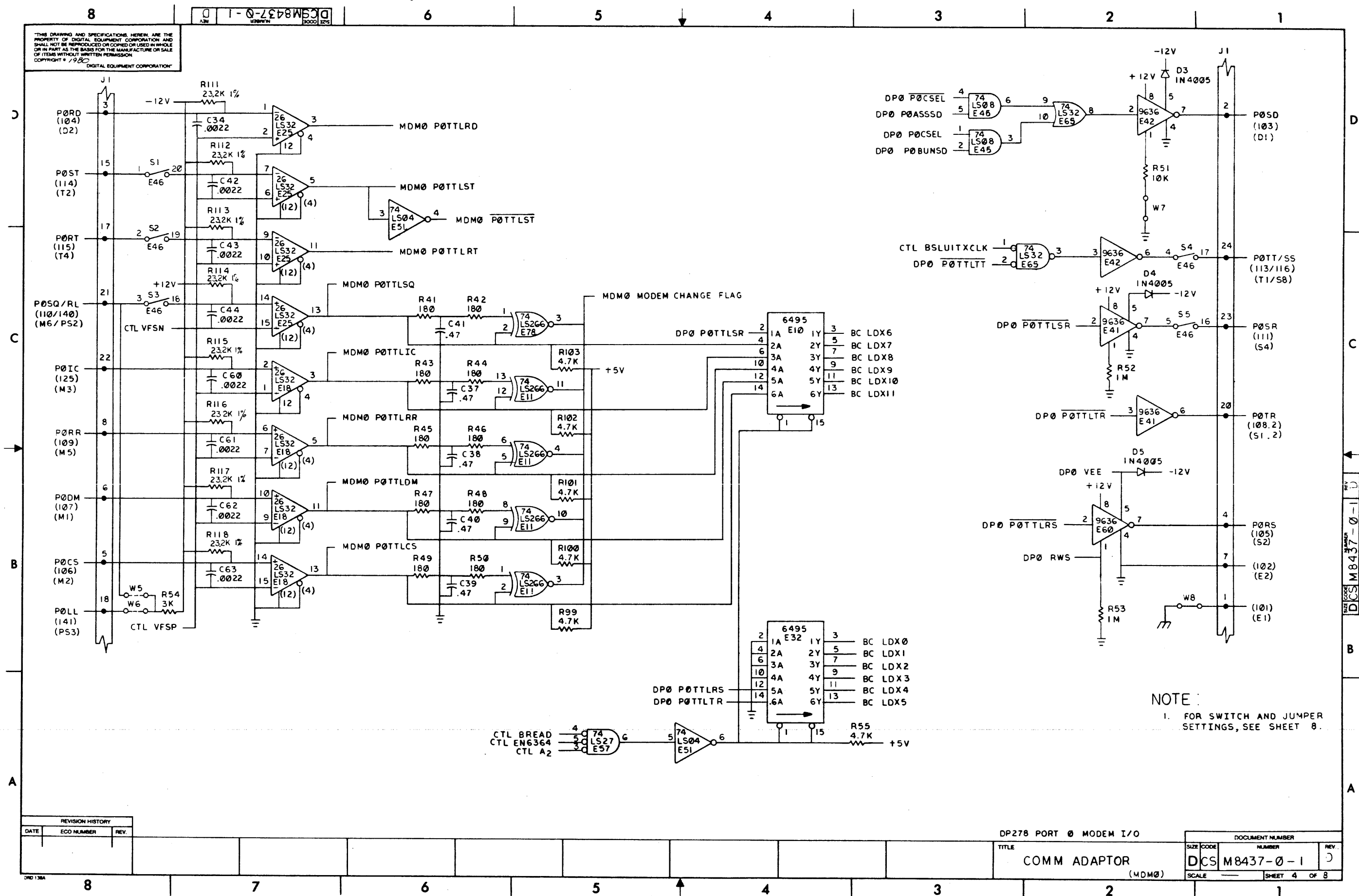
72 NOTE: HAND SOLDER ITEM #67 TO ITEM #59 AFTER WAVE SOLDER
73 NOTE: ITEM #50 (21-15103) MUST BE A REV. "E" CHIP OR HIGHER

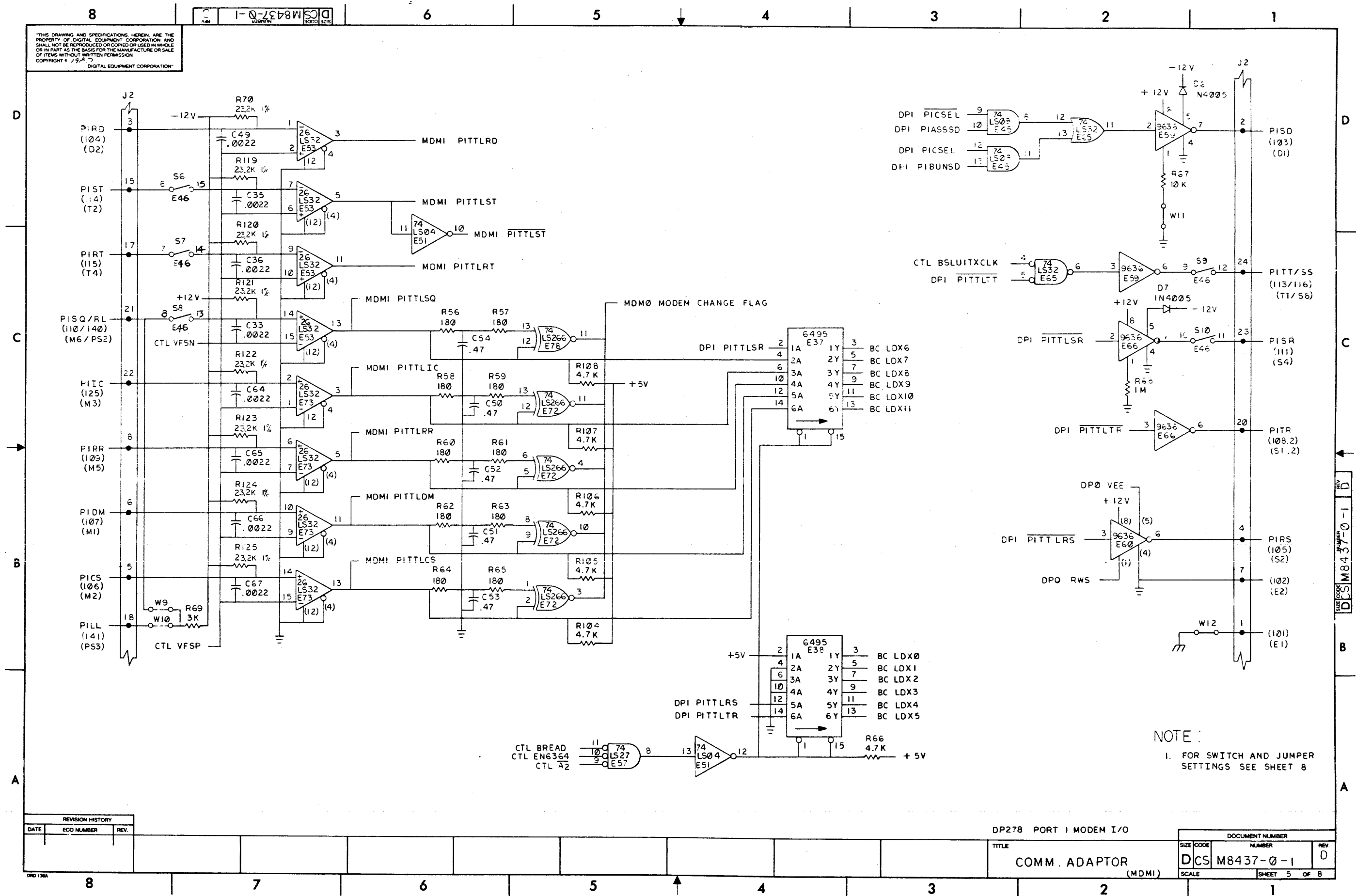
D	I	G	I	T	A	L	TITLE	COMM, ADAPTOR	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	M8437-0-DBP	D



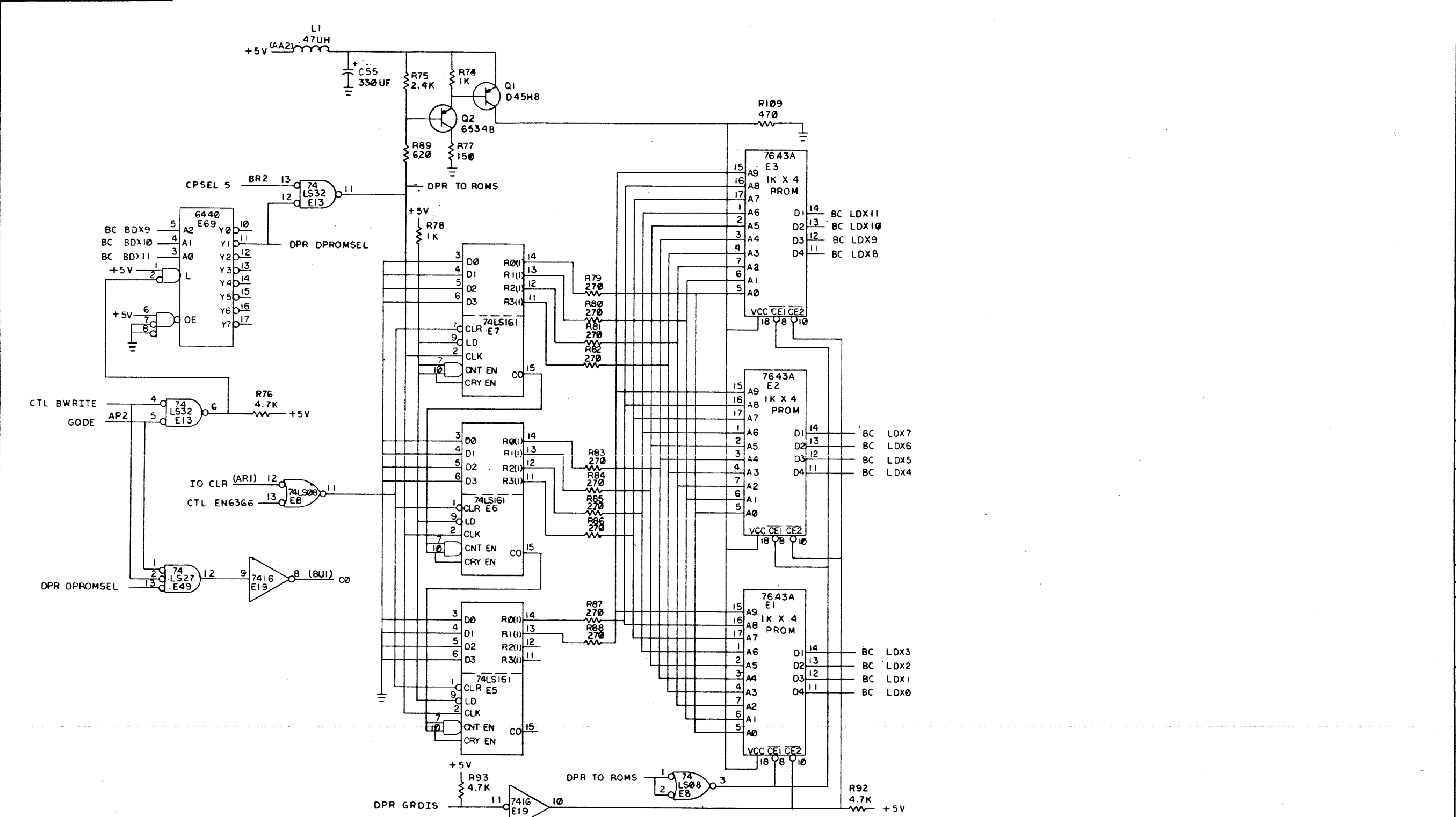


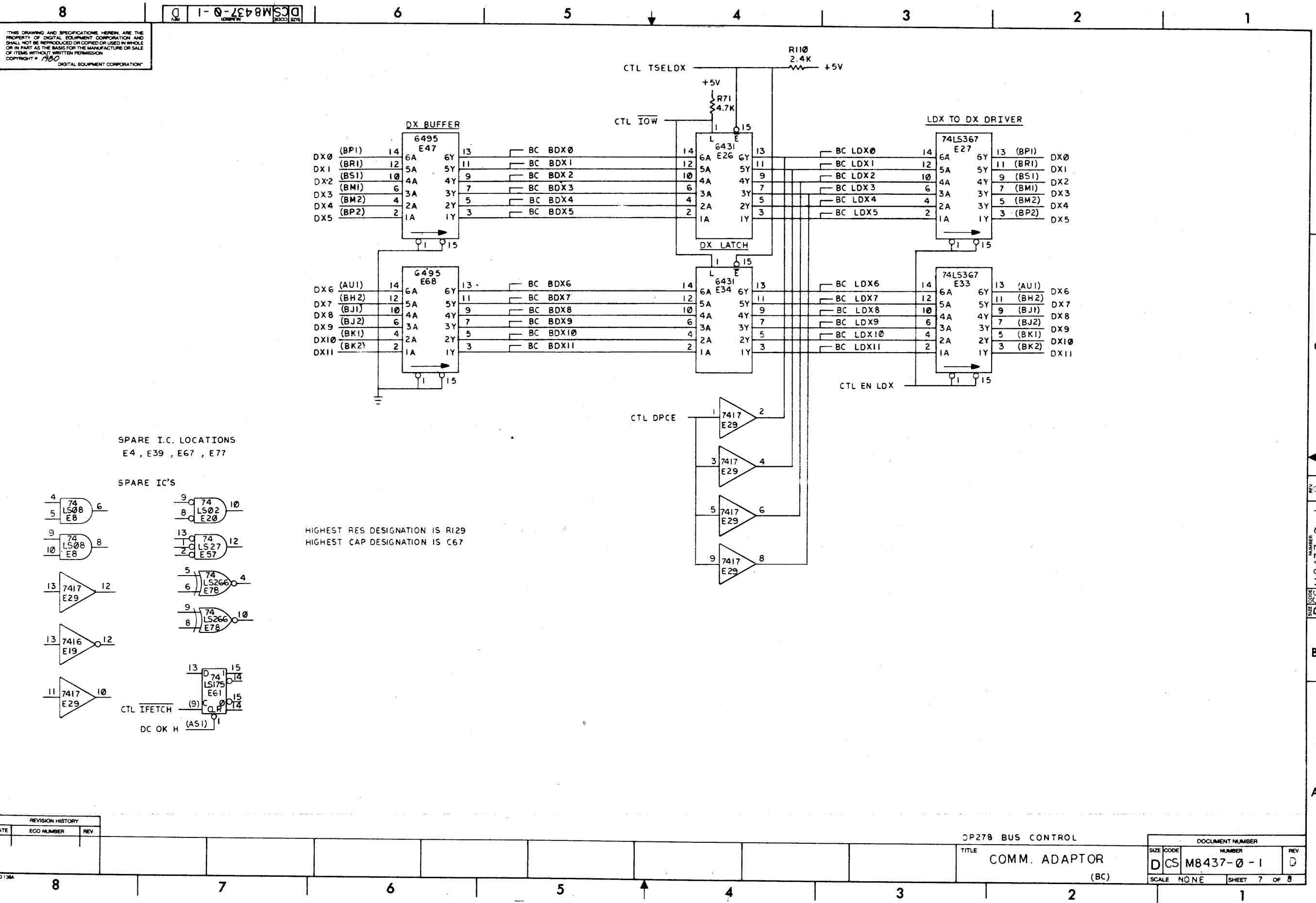






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SWITCH AND JUMPER SETTINGS

FOR SOLDER SHORTS TESTING: SET ALL SWITCHES OFF (OPEN). FOR G.R. TESTING: SET ALL SWITCHES ON (CLOSED). INSTALL W7, W11, AFTER SOLDER SHORTS AND G.R. TESTING.

FOR EXTENDED RS232-C OPERATIONS, SET THE FOLLOWING SWITCHES TO THE CLOSED (ON) POSITION: S1, S2, S4-S7, S9, S10. SET S3 AND S8 TO OPEN (OFF). ALSO INSTALL THE FOLLOWING JUMPERS: W7, W8, W11, W12.

W13 AND W14 ARE FIXED NON-OPTIONAL JUMPERS.

FOR OTHER THAN EIA RS232-C CHARACTERISTICS / PROTOCOLS, SEE THE VT278 TECHNICAL GUIDE.

TO RUN THE DP278 DIAGNOSTICS WITH EXTERNAL LOOPBACK, CLOSE (SET TO ON) ALL SWITCHES (S1-S10); BE SURE THAT W5 AND W9 ARE NOT INSTALLED.

EXPLANATION OF SWITCHES AND JUMPERS

THE FOLLOWING SWITCHES AND JUMPERS ARE USED TO MAKE OR BREAK THE CONNECTION BETWEEN EIA PORTS J1 AND J2 AND THE REST OF THE VT278.

	J1 J2 PIN NO.	FUNCTION	CIRCUIT ACCORDING TO			
			DIN 66020	EIA RS232C	EIA RS449	CCITT V.24
J1-W8	1	PROTECTIVE GROUND	E1	AA		101
J2-W12	1	PROTECTIVE GROUND	E1	AA		101
J1-S1	15	TRANSMITTER SIGNAL ELEMENT TIMING	T2	DB	ST	114
J2-S6	15	TRANSMITTER SIGNAL ELEMENT TIMING	T2	DB	ST	114
J1-S2	17	RECEIVER SIGNAL ELEMENT TIMING	T4	DD	RT	115
J2-S7	17	RECEIVER SIGNAL ELEMENT TIMING	T4	DD	RT	115
J1-W6	18	LOCAL LOOPBACK	PS3		LL	141
J2-W10	18	LOCAL LOOPBACK	PS3		LL	141
J1-S3	21	SIGNAL QUALITY		CG	SQ	110
J1-W5	21	REMOTE LOOPBACK	PS2		RL	140
J2-S8	21	SIGNAL QUALITY		CG	SQ	110
J2-W9	21	REMOTE LOCPBACK	PS2		RL	140
J1-S5	23	DATA SIGNALLING RATE SELECTOR	S4	CH	SR	111
J2-S10	23	DATA SIGNALLING RATE SELECTOR	S4	CH	SR	111
J1-S4	24	SELECT STANDBY	S8		SS	116
J1-S4	24	TERMINAL TIMING	T1		TT	113
J2-S9	24	SELECT STANDBY	S8		SS	116
J2-S9	24	TERMINAL TIMING	T1		TT	113

NOTES:

- IMPORTANT: S3 AND W5 MAY NEVER BE CLOSED/CONNECTED AT THE SAME TIME.

S8 AND W9 MAY NEVER BE CLOSED/CONNECTED AT THE SAME TIME.
- W7 AND W11 MAY BE REPLACED BY RESISTORS, AND ARE USED TO CONTROL THE SLEW RATES OF TRANSMITTED DATA (PIN 2) AND TERMINAL TIMING (PIN 24) FOR PORTS 0 AND 1 RESPECTIVELY. SEE THE VT278 TECHNICAL GUIDE FOR SUGGESTED RESISTOR VALUES TO COMPLY WITH CCITT V.10 IN SUCH APPLICATIONS.
- ALL REFERENCES IN THE CS TO EIA LEVEL SIGNALS ARE IN THE FOLLOWING FORMAT:

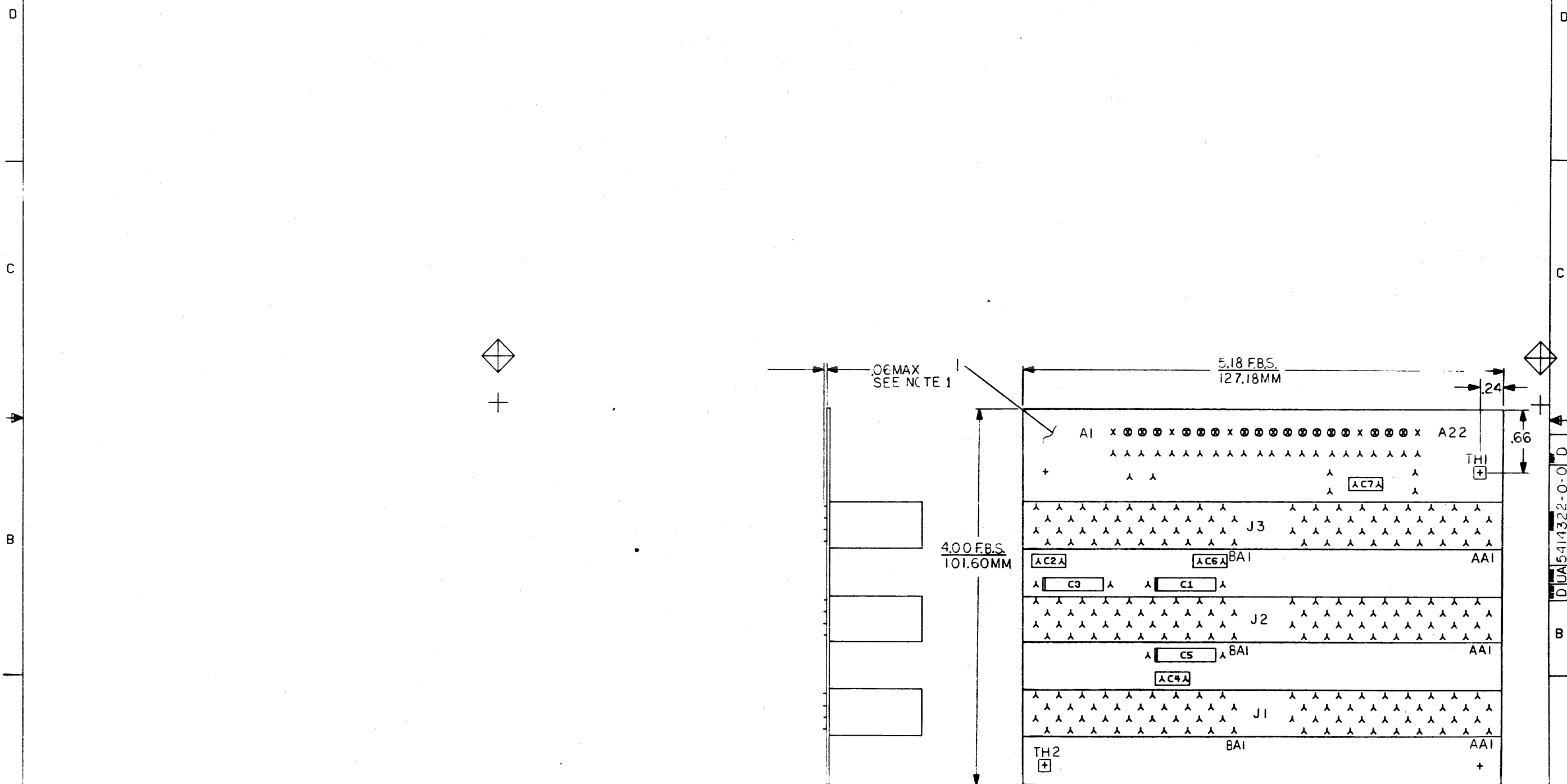
PNXX
WHERE P IS THE PORT, N IS THE PORT NUMBER (0 OR 1), XX IS THE EIA RS-449 SIGNAL MNEMONIC. UNDER THE RS-449 NAMES ARE THE CCITT V.24 AND DIN 66020 SIGNAL NAMES.

REVISION HISTORY		
DATE	ECO NUMBER	REV

COMM ADAPTOR

DOCUMENT NUMBER		
SIZE CODE	NUMBER	REV
DCS	M8437-2-1	1
SCALE		SHEET 8 OF 8

COMPONENT SIDE VIEW



NOTES: 1. MAX LEAD HEIGHT ON SIDE 2 OF ITEM 1 TO
BE .00F

STEP 6	↑ Y AXIS _____ STEP ____ TIMES
REPEAT	→ X AXIS _____ STEP ____ TIMES

50	504328MU712 C	2/12/12	NO REV
	REDRAWN	2/12/12	
	D 20PF		
	504328MU703 D		
	D 20PF		

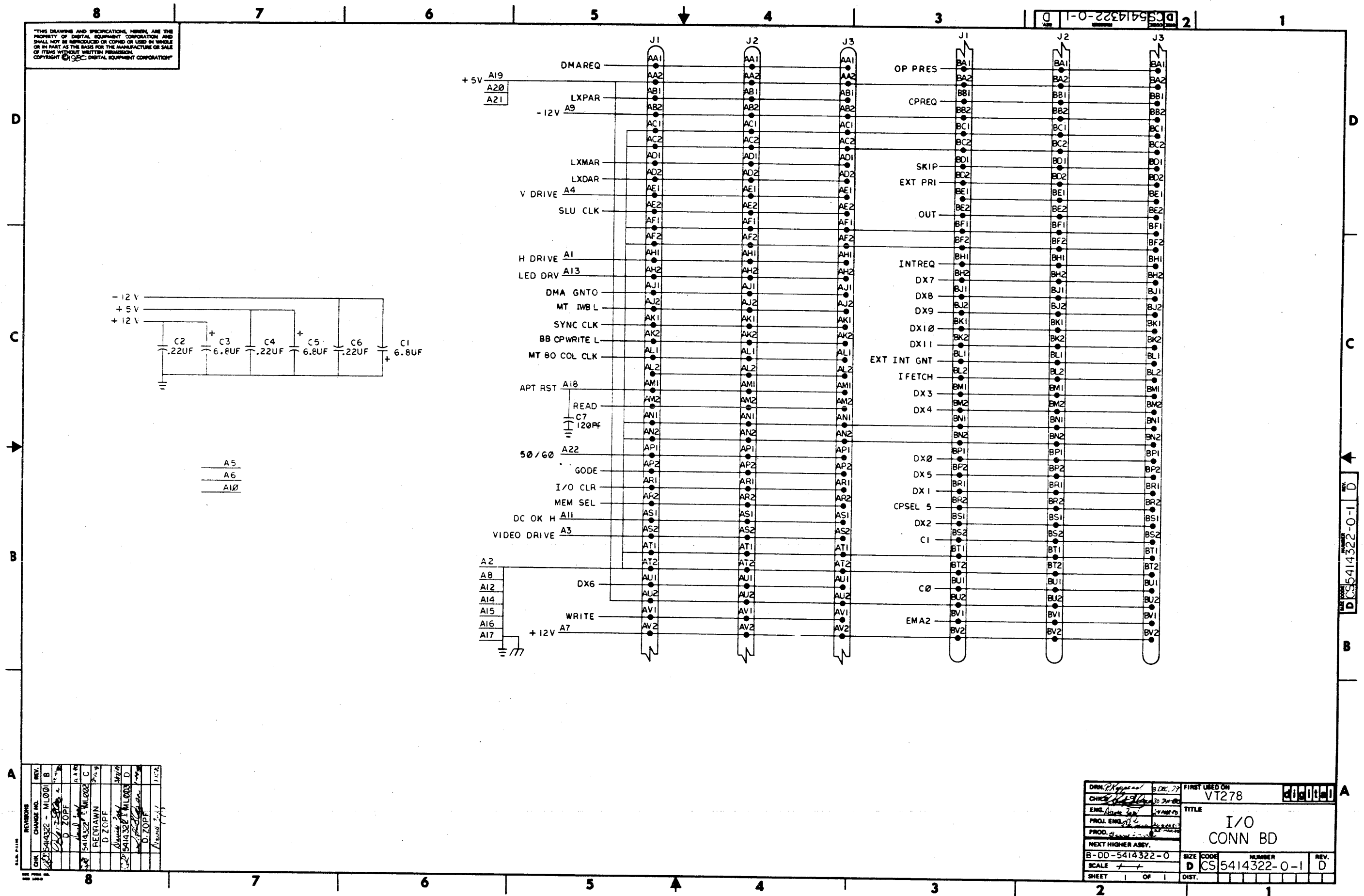
ETCH REV. C-P2

SIGNATURES		DATE	digital			
DRN.	<i>[Signature]</i>	9-16-80				
CHK'D.	<i>[Signature]</i>	9-16-80				
MECH. ENG.	<i>[Signature]</i>	3-17-81	TITLE IO			
PROJ. ENG.	<i>[Signature]</i>	3-17-81	CONNECTOR BOARD			
PROD.	<i>[Signature]</i>	5-17-81	SIZE CODE NUMBER REV			
SCALE	2A		D	UA	5414322-0-0	0
SHT.	OF 1					
JWYI, HTLGR, RECY, R, DO, 5-11-1332-0						

1 WO#275025C

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00		
1	1	D-MD-5014321-0-0	5014321-00	DRILL AND ETCH BD.	1		
2	2		1005306-00	6.8MFD 35V 10% 5.TANT	3		C1,C3,C5
3	3		1010274-01	.22 MFD 50V +80-20% Z5U CER	3		C2,C4,C6
4	4		7417042-00	72 PIN CONNECTOR	3		J1,J2,J3
5	5		1000018-00	120.0 MMF 100V 5%200PPM MICA	1		C7

REVISION HISTORY			BASIC PART NO: 5414322			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION A OF A	DRN:	KENT GLEEZEN	DATE: 20-MAR-80		
---	INITIAL	A	SECTION VARIATION INDEX	CHK'D:	TONY SHETRAWSKI	DATE: 20-MAR-80	TITLE PARTS LIST	
DZ	5414322-ML001	B	[A] 00				I O CONNECTOR BOARD	
DZ	5414322-ML002	C	[B]					
			[C]	DES.ENG:	DAVE ZOPF	DATE: 20-MAR-80		
			[D]					
			[E]				DOCUMENT NUMBER	
			[F]	RESP.ENG.:	AL DELUCA	DATE: 20-MAR-80		
			[H]				SIZE	CODE
			[J]				NUMBER	REV
			[K]	MFG.ENG.:	BARRY DAVILLI	DATE: 20-MAR-80	K	PL
			[L]				5414322-0-DBP	C
			[M]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:	FILE NAME:	EDIT #
			[N]	D-UA-5414322-0-0		DB-DD-5414322-0	Z1000C.PLS	9
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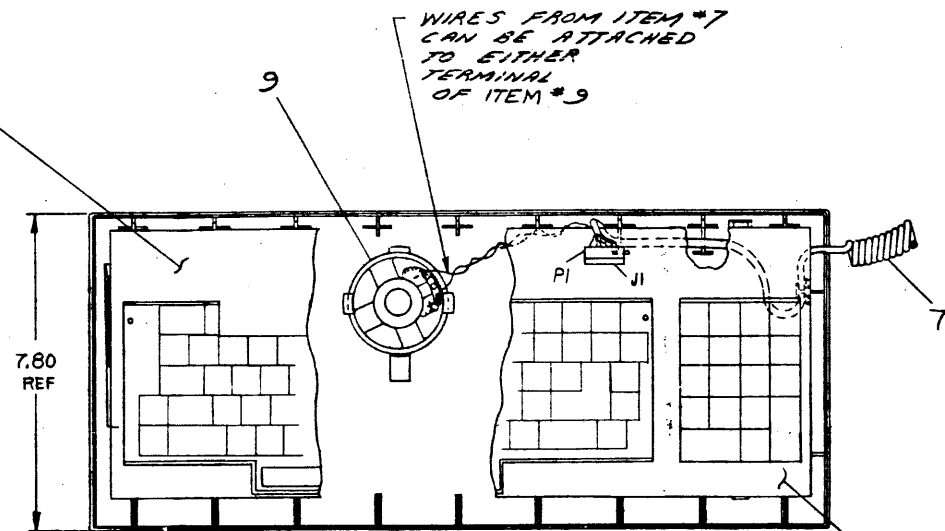


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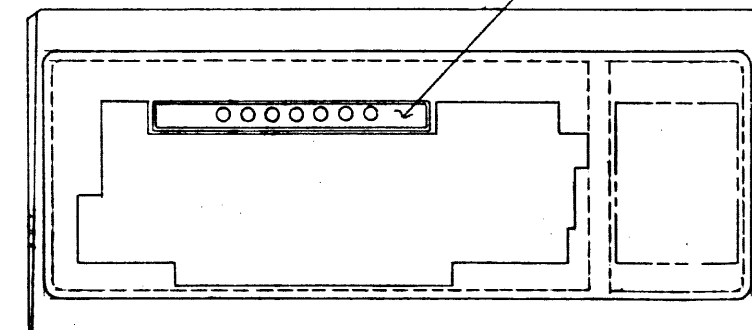
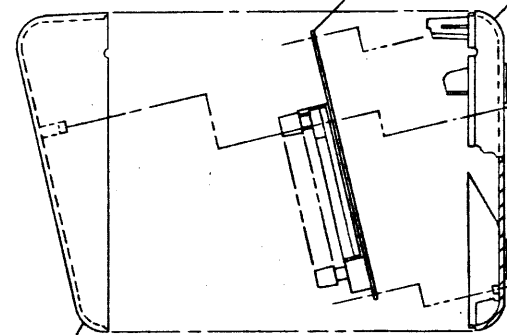
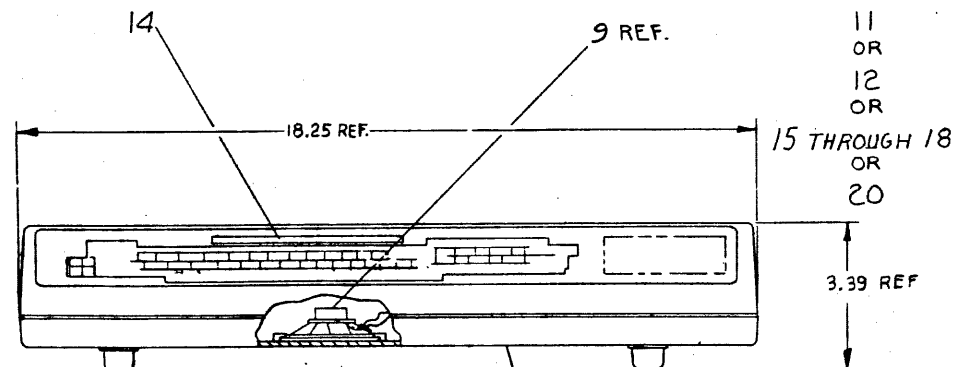
WIRE TABLE						
ITEM NO	DESCRIPTION	FROM	TO	WITH	CONN	WITH
7		PI	J1 (ITEM 40RS)			

NOTES:

1. PACKAGING: WHEN SHIPPED FROM VENDOR, MATERIAL SHALL BE ADEQUATELY PROTECTED FROM HANDLING AND SHIPPING DAMAGE USING DIGITAL PACKAGING INSTRUCTION A-SP-3700324-0-0 (VT100 UNIT ASSY REF)
2. AT ASSY MAXIMUM APPLIED TORQUE SHALL BE 5 IN. LB. $\pm$ 1 IN. LB.
3. AFTER ASSEMBLY THE KEYBOARD ASSY. MUST BE MARKED WITH PART NUMBER AND REVISION. ALSO, THE KEYBOARD CS, ETC AND SERIAL NUMBER MUST APPEAR.
4. ATTACH ITEM 21 OR 22 OR 23 TO ITEM 2 OR 3 AS SHOWN, SUCH THAT NO BUBBLES, WAVINESS, RAISED EDGES, OR OTHER INDICATIONS OF POOR ADHESION ARE EVIDENT.



TOP VIEW
COVER REMOVED



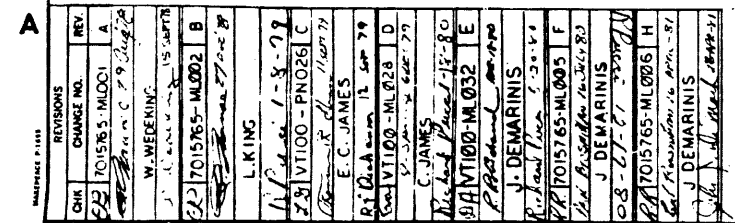
CAPTIVE SCREWS
(PART OF ITEM 1)

SEE NOTE 4

CAUTION:
OFF SHEET PARTS LIST EXISTS
SEE C-PL-7014653-0-0

DESCRIPTION		DWG./PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
ANGLES 30° 30'	GLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES	
SURFACE QUALITY IN	(CHECK ONE)	OVER 0.1	OVER 0.1
MICRONICHES	PREFERRED	0.125	0.125
QUANTITY & VARIATION		0.125	0.125
THIRD ANGLE PROJECTION		0.125	0.125
REMOVE BURRS AND BREAK SHARP CORNERS		0.125	0.125
DO NOT SCALE DWG		0.125	0.125
MATERIAL SEE PARTS LIST		0.125	0.125
FINISH		0.125	0.125
FIRST USED ON		VT100	
TITLE		KEYBOARD ASSY	
NEXT HIGHER ASSY.		B-DD-7014653-0	
SCALE 1/2		D UA 7014653-0-0	
SHEET 1 OF 1		REV.	

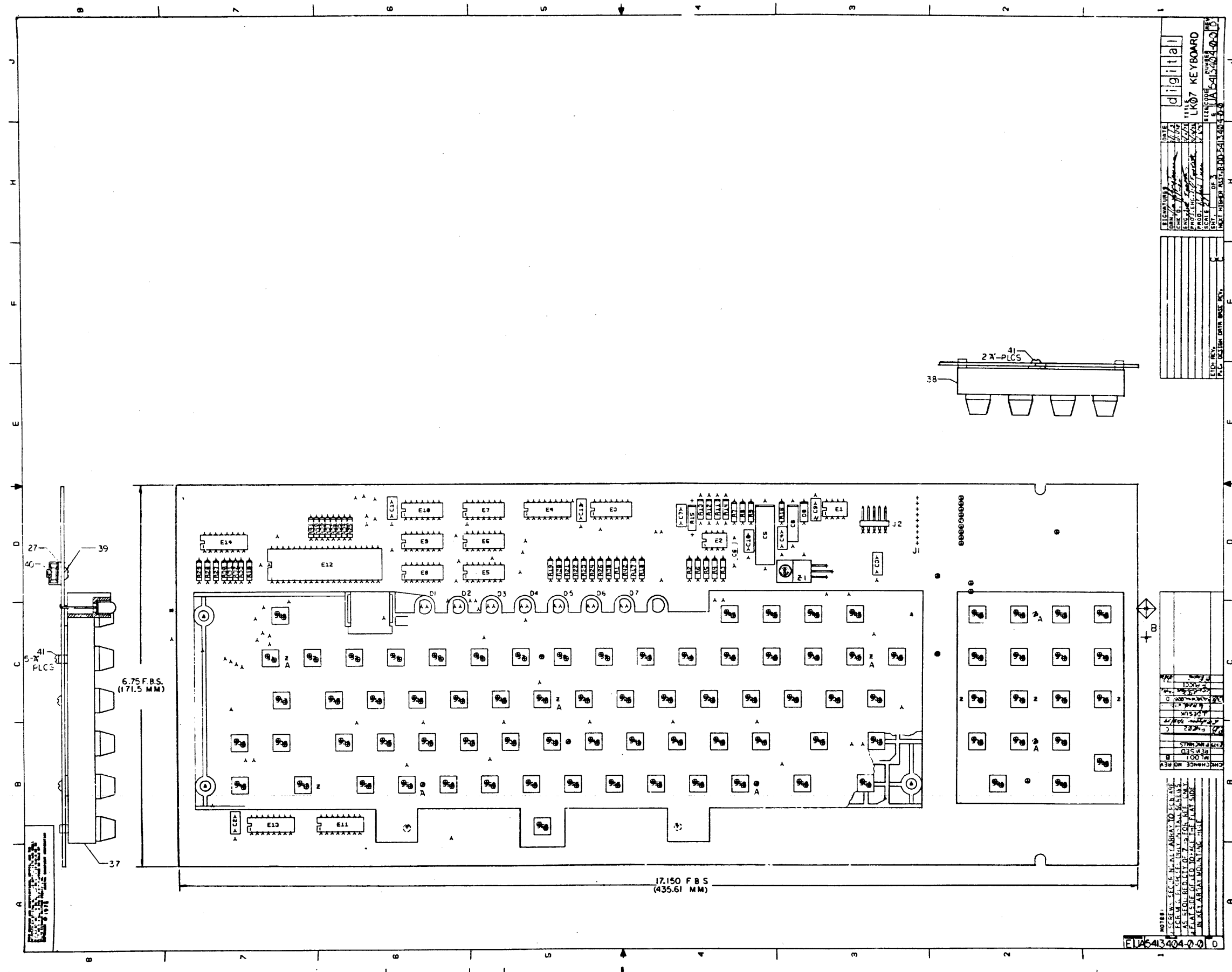
[illegible]



		DESCRIPTION		DWG. PART NO.		ITEM NO.	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES					
		ANGLES NOT 30°	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES			
		SURFACE QUALITY IN	CHECK ONE	OVER 1.0 IN	OVER 1.0 IN	OVER 1.0 IN	OVER 1.0 IN
QUANTITY & VARIATION		☒ MEDIUM	☐ FINE	1.004	1.008	1.012	1.016
		☒ MICROFINISH	☐ PREFERRED	1.012	1.016	1.020	1.024
THIRD ANGLE PROJECTION		DRN. <i>[Signature]</i> CHK'D. <i>[Signature]</i> ENG. <i>[Signature]</i> PROJ. ENG. <i>[Signature]</i> PROD. <i>[Signature]</i>		FIRST USED ON VT100			
REMOVE BURRS AND BREAK SHARP CORNERS DO NOT SCALE DWG		NEXT HIGHER ASSY.		TITLE KEY BOARD / KEY CAP ASSY			
MATERIAL SEE PARTS LIST		B-DD-7015765-0		SIZE D		NUMBER	
FINISH NONE		SCALE NONE		AD		7015765-0-0	
		SHEET 1 OF 1		DIST.		REV. H	

SHEET A1 OF A1

REVISION HISTORY			BASIC PART NO: 7015765		DRN: ANGEL COLON		DATE: 3 APR 78		D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D:	D. HEALY	DATE: 7 APR 78	TITLE		PARTS LIST			
---	INITIAL	F	SECTION. VARIATION INDEX	CHK'D:	D. HEALY	DATE: 7 APR 78	KEYBOARD/KEYCAP ASSEMBLY					
JD	7015765-ML005	F	[A] 00,01,02,03,04,05,									
JD	7015765-ML006	H	06,07,08,09									
			[B]	DES.ENG.:	E. WEDEKING	DATE: 10 MAY 78						
			[C]									
			[D]	RESP.ENG.:	G. DOUMANI	DATE: 17 MAY 7	DOCUMENT NUMBER					
			[E]				SIZE	CODE	NUMBER	REV		
			[F]	MFG.ENG.:	K. HOFFMAN	DATE: 10 MAY 78	K	PL	7015765-0-DBP	H		
				ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #			
				D-AD-7015765-0-0	#B-DD-7015765-0		Z1933H.PLS		6			
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AUTOMATED BY PRTLST.3L(34)

PARTS LIST

SHEET A1 OF A2

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
1	1	D-MD-5013403-0-0	5013403-00	DRILL & ETCH DRAWING	1	
2	2		1000014-00	68.0 MMF 100V 5%200PPM MICA	1	C7
3	3		1000075-00	25 MFD 25V +75-10% AL EL	1	C5
4	4		1001634-00	1600.0 MMF 100V 5%200PPM MICA	1	C6
5	5		1005306-00	6.8MFD 35V 10% S.TANT	1	C8
6	6		1012784-00	.047 MFD 50V +80-20% CER	6	C1,C2,C4,C9-C11
7	7		1105275-00	D 672 TR= 15NS PIV= 60V SI	1	D8
8	8		1110324-01	LED 1MCD@10MA PIV=3 .750 MIN. LE	7	D1-D7
9	9		1215048-00	CONN 5POS RT ANGLE	1	J2
10	10		1300309-00	390.0 .25 W 5.0 % CC	2	R16,R42
11	11		1300315-00	470.0 .50 W 5.0 % CC	1	R15
12	12		1300365-00	1.0 K .25 W 5.0 % CC	6	R10,R19,R21-R24
13	13		1300439-00	3.30 K .25 W 5.0 % CC	9	R26-R33,R38
14	14		1300479-00	10.0 K .25 W 5.0 % CC	11	R2,R3,R17,R25,R34-R37,R39-R41
15	15		1301401-00	750.0 .25 W 5.0 % CC	1	R1
16	16		1301425-00	300.0 .25 W 5.0 % CC	2	R18,R20
17	17		1301874-00	5.60 K .25 W 5.0 % CC	3	R5,R7,R9
18	18		1302391-00	20.0 K .25 W 5.0 % CC	2	R4,R6
19	19		1303155-00	21.50 K .25 W 1.0 % RN55D-F10	1	R12
20	20		1303187-00	820.0 K .25 W 5.0 % CC	1	R8
21	21		1303312-00	10.0 K .25 W 1.0 % RN55D-F10	1	R11
22	22		1304833-00	1.96 K .25 W 1.0 % RN55D-F10	1	R14
23	23		1309412-00	18.20 K .25 W 1.0 % RN55D-F10	1	R13
24	24		1909606-00	7404 INVERTER GATE-HEX 11	1	E9
25	25		1910406-00	75451 DRIVER PERIPH DUAL	1	E1
26	26		1910741-00	7406 INVERTER GATE-HEX 11	1	E8
27	27		1912536-01	7805 VOLT REG FIX +5V	1	Z1
28	28		1912649-00	LS75 LATCH 4BIT BISTABLE	1	E4
29	29		1912799-00	LS00 NAND-GATE-QUAD 2IN,P	1	E5
30	30		1912823-00	LS73 FF-JK DUAL W/CLEAR	1	E3

REVISION HISTORY			BASIC PART NO: 5413404		
ENG:	ECO NUMBER	REV	SECTION A OF A	DRN:	T SHETRAWSKI
RP	5413404-ML001	B	SECTION VARIATION INDEX	DATE:	23-JUL-79
J.D	5413404-PN002	C	[A] 00	CHK'D:	T SHETRAWSKI
J.B	5413404-PN003	D	[B]	DATE:	23-JUL-79
CJ	5413404-ML004	E	[C]	DES.ENG:	M MORGESTERN
CJ	5413404-ML005	F	[D]	DATE:	23-JUL-79
			[E]	RESP.ENG.:	M MORGESTERN
			[F]	DATE:	23-JUL-79
			[G]	MFG.ENG.:	T CORCIARI
			[H]	DATE:	23-JUL-79
			[I]	ASSEMBLY NUMBER:	
			[J]	D-UA-5413404-0-0	
			[K]	TOP DOCUMENT NUMBER:	
			[L]	FILE NAME:	
			[M]	Z0783F.PLS	
			[N]	EDIT #	11

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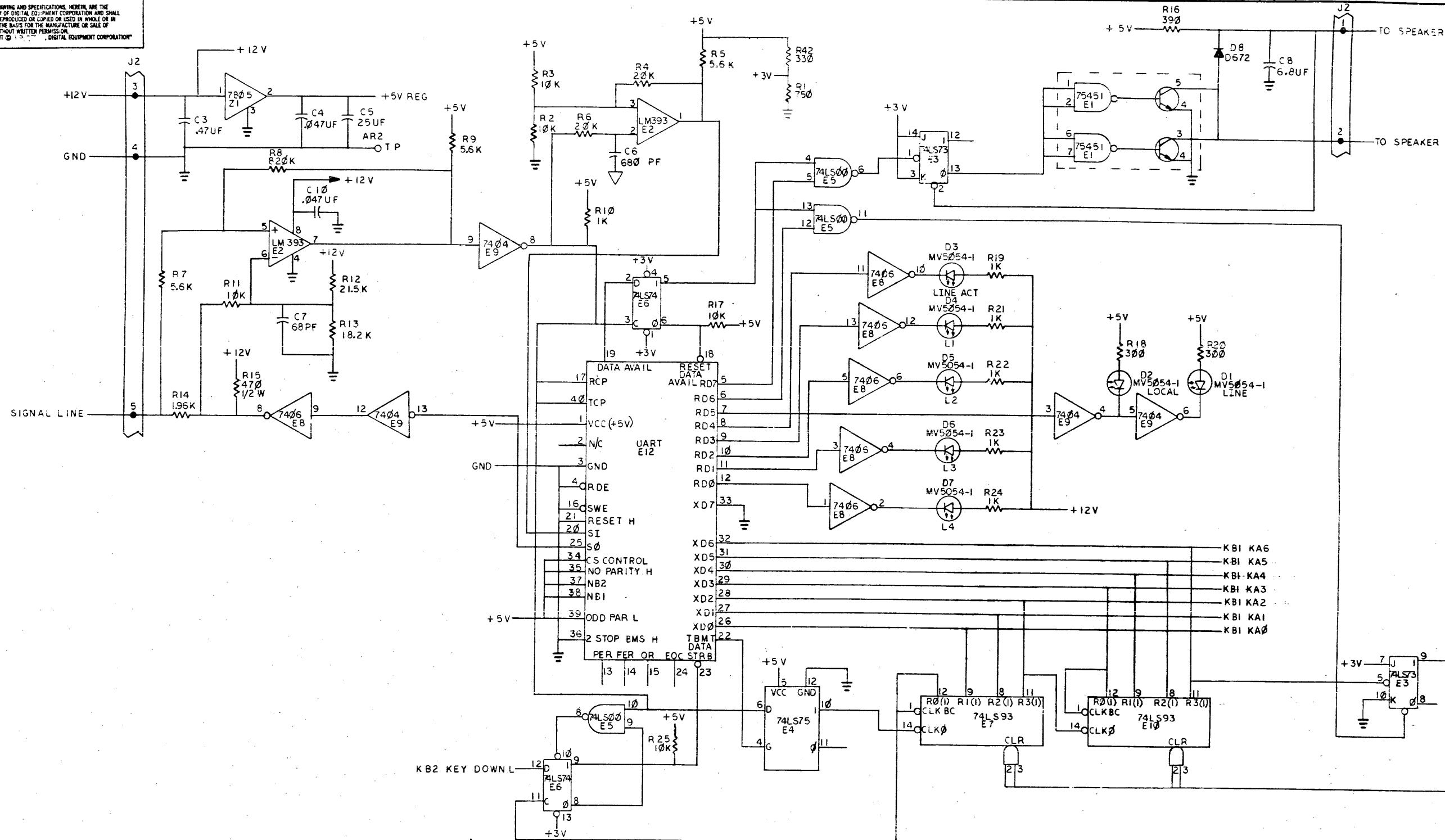
PARTS LIST

SHEET A2 OF A2

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY 00	PER VARIATION	REFERENCE DESIGNATOR
31	31		1912824-00	LS74 FF-D DUAL,EDGE TRIGG	1		E6
32	32		1912844-00	LS151 MUX 1 OF 8 & DATA	1		E14
33	33		1913949-00	LS93 COUNTER,DECADE,4BIT	2		E7,E10
34	34		1913950-00	LS156 DECODER,2 OF 4(DUAL)	2		E11,E13
35	35		1914156-00	LM 393 VOLT.COMPARATOR DUAL	1		E2
36	36		2114137-51	UART MOS N-CHANNEL	1		E12
37	37		7013910-00	KEYBOARD ARRAY ASSY	1		
38	38		7014561-00	18 KEY NUMERIC PAD ASSY	1		
39	39		9006020-01	SCREW,PAN,PHIL 6-32X 1/4 SS	1		
40	40		9008185-00	NUT,KEP 6-32X1/4 AF	1		
41	41		9010033-00	SCREW,PAN,PHILLIPS 4-24 X 3/8	7		
42	42		1012312-01	.47 MFD 50V +80-20% CER	1		C3

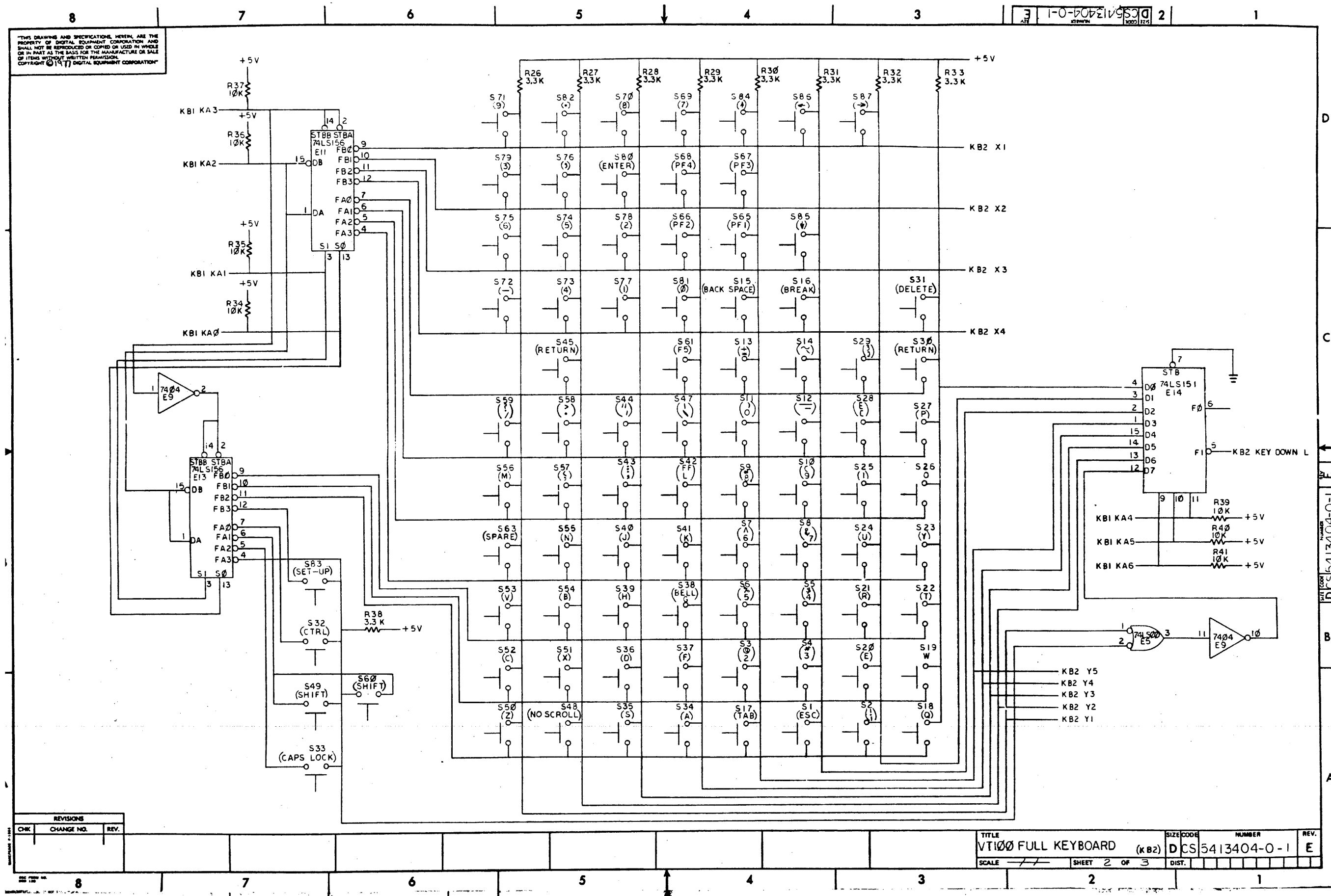
D	I	G	I	T	A	L	TITLE	VT100 FULL KEYBOARD	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5413404-0-DBP	F

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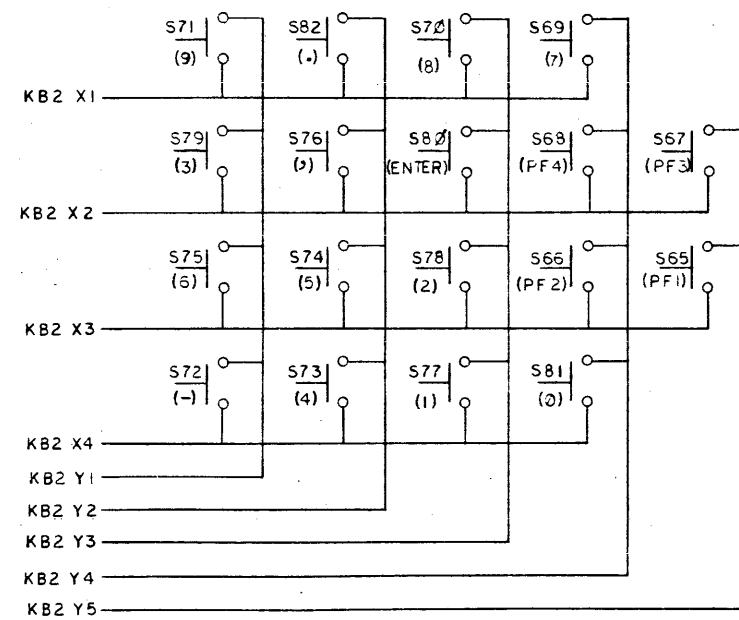


REVISIONS		DATE	BY	CHKD
1	CHANGE NO.	11/1/77	MLDOL	B
2	CHANGE NO.	11/1/77	P. NICHOLS	B
3	CHANGE NO.	11/1/77	R. PUCCI	B
4	CHANGE NO.	11/1/77	R. PUCCI	B
5	CHANGE NO.	11/1/77	R. PUCCI	B
6	CHANGE NO.	11/1/77	R. PUCCI	B
7	CHANGE NO.	11/1/77	R. PUCCI	B
8	CHANGE NO.	11/1/77	R. PUCCI	B

DRN	29 Nov 77	FIRST USED ON	VT100
CHK'D	12/1/77	TITLE	VT100
ENG'D	12/1/77	PROJECT	FULL KEYBOARD
PROJ. ENG.	12/1/77	PROD.	6/13/78
NEXT HIGHER ASSY.		SIZE	CODE
D-00-5413404-0-0		NUMBER	REV.
SCALE		D	CS5413404-0-1
SHEET	OF 3	DIST.	



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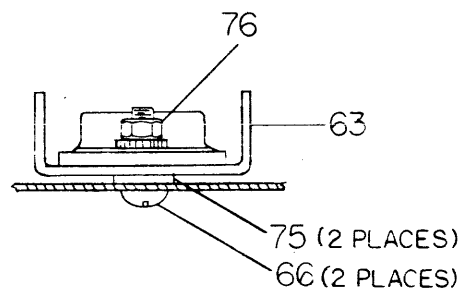
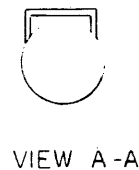
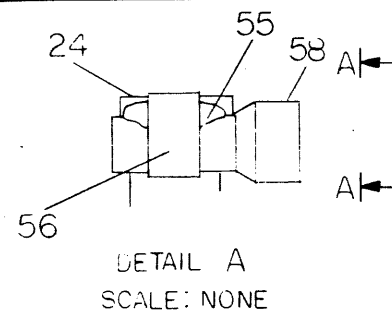


REVISIONS		
CHK	CHANGE NO.	REV.

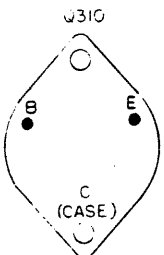
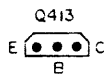
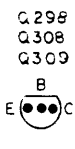
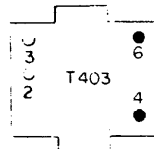
TITLE	VT100 FULL KEYBOARD (KB3)	SIZE/CODE	NUMBER	REV.
SCALE	1/1	SHEET 3 OF 3	D CS 5413404-0-1	E

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COMPONENT SIDE VIEW



TRANSISTORS BOTTOM VIEW



NOTES: 1. CR106 DO NOT USE

STEP 1 + Y AXIS STEP 2 TIMES
REPEAT + X AXIS STEP 2 TIMES

CHK	CHANGE NO	REV	DATE	BY	APP

ETCH REV. D-PI

SIGNATURES	DATE	TITLE
DRN. <i>[Signature]</i>	12-24-60	digital
CHK. D. <i>[Signature]</i>	12-24-60	
MECH. ENG. <i>[Signature]</i>	12-11-61	
PROJ. ENG. <i>[Signature]</i>	12-11-61	
PROD. <i>[Signature]</i>	12-11-61	
SCALE 2/1		
SHT. 1 OF 1		
NEXT HIGHER ASSY. B-00-5414131-0		

VT100 MONITOR

SIZE CODE NUMBER REV
D UA 5414131-0-0 P

1 W0#267839

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00	01	
1	1	E-MD-5014130-0-0	5014130-00	DRILLED AND ETCH BOARD FOR VT100	1	1	
2	2		1016544-00	.1 MFD 100V 10% MYLR	2	2	C107,C442
3	3		1016546-00	.22 MFD 660V 10% MET. MYLR	1	1	C449
4	4		1016569-00	.0022 MFD 100V 10% MYLR	2	2	C436,C402
5	5		1016639-00	.01 MFD 200V 10% MYLR	1	1	C320
6	6		1016547-00	.022 MFD 200V 10% MYLR	1	1	C438
7	7		1016548-00	1000 MFD 16V +50-10% AL EL	1	1	C321
8	8		1010274-02	1 MFD 50V +80-20% CER	1	1	C443
9	9		1016555-00	22 MFD 50V +50-10% AL EL	2	2	C102,C103
10	10		1016496-00	4.7MFD 35V 20% S.TANT	2	2	C318,C319
11	11		1016554-00	75 MFD 6V +75-10% AL EL	1	1	C439
12	12		1016553-00	4.7MFD 25V +75-10% AL EL	2	2	C312,C437
13	13		1016558-00	10 MFD 25V 20% AL EL	1	1	C441
14	14		1016557-00	470 MFD 16V +50-10% AL EL	3	3	C106,C434,C440
15	15		1016556-00	.05 MFD 100V +80-20%Z5U DISC	3	3	C213,C314,C404
16	16		1016570-00	.001 MFD 500V +80-20%Z5U DISC	2	2	C435,C403
17	17		1016571-00	.02 MFD 500V +80-20%Z5U DISC	4	4	C104,C105,C486,C487
18	18		1016572-00	300.0 MMF 500V 10% XSP DISC	1	1	C101
19	19		1000004-00	.02 MFD 100V 20% Z5U DISC	4	4	C322,C323,C324,C325
20	20		1116474-00	1N 4007 PIV=1000 I=1A D041	4	4	CR101,CR102,CR103,CR104
21	21		1116477-00	1N 4156 PIV= 20 D035	1	1	CR304
22	22		1114892-00	1N 4747A VZ= 20.0 5% 1W	1	1	CR410
23	23		1116476-00	PIV=400	1	1	CR408
24	24		1216530-04	MAGNET, PINCUSHION 10 GAUSS	1	1	
25	25	SEE NOTE	1003053-00	.047 MFD 250V 20% MET. MYLR	1	1	C316
26	26		1316522-00	2.50 K .25 W20.0 % POT	1	1	R342
27	27		1316522-02	5.0 M .25 W20.0 % POT	1	1	R477
28	28		1316522-01	100.0 K .25 W20.0 % POT	2	2	R109,R334
29	29		1317528-00	39.0 K 2.0 W10.0 % CC	1	1	R470
30	30		1300479-00	10.0 K .25 W 5.0 % CC	1	1	R291

REVISION HISTORY		BASIC PART NO: 5414131		DRN: KENT GLEEZEN		DATE: 24-MAR-81		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: KENT GLEEZEN		DATE: 24-MAR-81		TITLE PARTS LIST	
---	INITIAL	P	SECTION VARIATION INDEX	DES.ENG: DICK PUCCI		DATE: 24-MAR-81		DOCUMENT NUMBER	
DP	5414131-ML007	R	[A] 00,01	RESP.ENG.: DICK PUCCI		DATE: 24-MAR-81		SIZE CODE NUMBER REV	
DP	5414131-ML008	S	[B]	MFG.ENG.: AL JOHNS		DATE: 24-MAR-81		K PL 5414131-0-DBP S	
			[C]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME: EDIT #	
			[D]	D-UA-5414131-0-0		B-DD-5414131-0-0		Z2387S.PLS 11	
			[E]						
			[F]						
			[G]						
			[H]						
			[I]						
			[J]						
			[K]						
			[L]						
			[M]						
			[N]						
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AUTOMATED BY PRTLST.3P(44)

P A R T S L I S T

SHEET A2 OF A3

LINE ITEM DOCUMENT NUMBER

PART NUMBER

DESCRIPTION

QTY PER VARIATION
00 01

REFERENCE DESIGNATOR

31	31	1300445-00	4.70 K	.50 W 5.0 %	CC	1	1	R331
32	32	1316504-00	68.0 K	.50 W 5.0 %	CC	1	1	R332
33	33	1300385-00	1.20 K	.50 W 5.0 %	CC	1	1	R344
34	34	1316506-00	100.0 K	.50 W 5.0 %	CC	2	2	R472, R473
35	35	1316508-00	5.60 K	.50 W 5.0 %	CC	1	1	R338
36	36	1316509-00	3.90 K	1.0 W 5.0 %	CC	1	1	R337
37	37	1302396-00	150.0 K	.25 W 5.0 %	CC	1	1	R106
38	38	1300228-00	100.0 K	.50 W 5.0 %	CC	2	2	R481, R343
39	39	1300364-00	1.0 K	.50 W 5.0 %	CC	1	1	R468
40	40	1300296-00	330.0 K	.50 W 5.0 %	CC	1	1	R345
41	41	1300356-00	820.0 K	.50 W 10.0 %	CC	1	1	R108
42	42	1300461-00	6.80 K	.50 W 5.0 %	CC	1	1	R339
43	43	1300440-00	3.30 K	.50 W 5.0 %	CC	1	1	R110
44	44	1300496-00	15.0 K	.25 W 5.0 %	CC	1	1	R107
45	45	1300274-00	220.0 K	.50 W 5.0 %	CC	1	1	R105
46	46	1300285-00	270.0 K	.50 W 5.0 %	CC	1	1	R341
47	47	1316525-00	1.0 K	3.0 W 10.0 %	WW	1	1	R478
48	48	1509525-00	2N 3906	PNP 310MW SI 40100 Y		1	1	Q298
		CONT					2	Q298, Q100
49	49	1516492-00	2N 5830	NPN 1W SI100 1		1	1	Q101
50	50	1509524-00	2N 3904	NPN 310MW SI 40 40 M		2	2	Q308, Q401
51	51	1516491-00	2N 6427	NPN 1.5W SI 40 1.5		1	1	Q309
52	52	1516532-00		NPN 125W SI250 25		1	1	Q310
53	53	1516490-00	MPSU05	NPN 10W SI		1	1	Q413
54	54	1517534-00	BU 4070	NPN POWER TRANS T0220		1	1	Q414
55	55	4901303-00	WAX		A/R	A/R		
56	56	9107685-00	TUBING, SHRINK	1/2 DIA.EXP UL	A/R	A/R		
57	57	1616309-00	XFMR, HORIZONTAL DRIVE		1	1		T403
58	58	1616538-00	COIL, HORIZONTAL, LINEAR		1	1		L402
59	59	1616536-00	XFMR, HORIZONTAL, WIDTH		1	1		L403
60	60	1210929-05	FUSE, SUB-MINI	2.500A, 125V, A	1	1		F401
61	61	1216521-01	HEADER	4POS	1	1		S102
62	62	1216521-00	HEADER	4POS	1	1		S103
63	63	1216471-00	HEAT SINK, BOTTOM ONLY		1	1		
64	64	1217561-00	HEAT SINK, TO-220, YELLOW CHROMATE		1	1		
65	65	4901304-00	COMPOUND, SILICONE THERMAL, VISC		A/R	A/R		
66	66	9006022-01	SCREW, PAN, PHIL	6-32X 3/8 SS	2	2		
67	67	1001776-00	1 MFD	35V 10% S.TANT	1	1		C315
68	68	1304837-00	24.0 K	.25 W 5.0 %	CC	1	1	R335
69	69	1300315-00	470.0 K	.50 W 5.0 %	CC	1	1	R401
70	70	1300415-00	2.20 K	.50 W 5.0 %	CC	2	2	R402, R403
71	71	1300443-00	3.90 K	.50 W 5.0 %	CC	2	2	R404, R333
72	72	1300467-00	7.50 K	.50 W 5.0 %	CC	1	1	R405
73	73	1000042-00	1000.0 MMF	100V 5%200PPM MICA	1	1		C401
74	74	1911944-00		555CN TIMER, FUNCT.BLOCK	1	1		E1
75	75	9006659-00	WASHER, FLAT, .375 O.D. X .156 I		2	2		
76	76	9008185-00	NUT, KEP	6-32X 1/4 AF	3	3		
77	77	1300197-00	33.0 K	.25 W 5.0 %	CC	1	1	R471

D	I	G	I	T	A	L	TITLE
							VT100 MONITOR

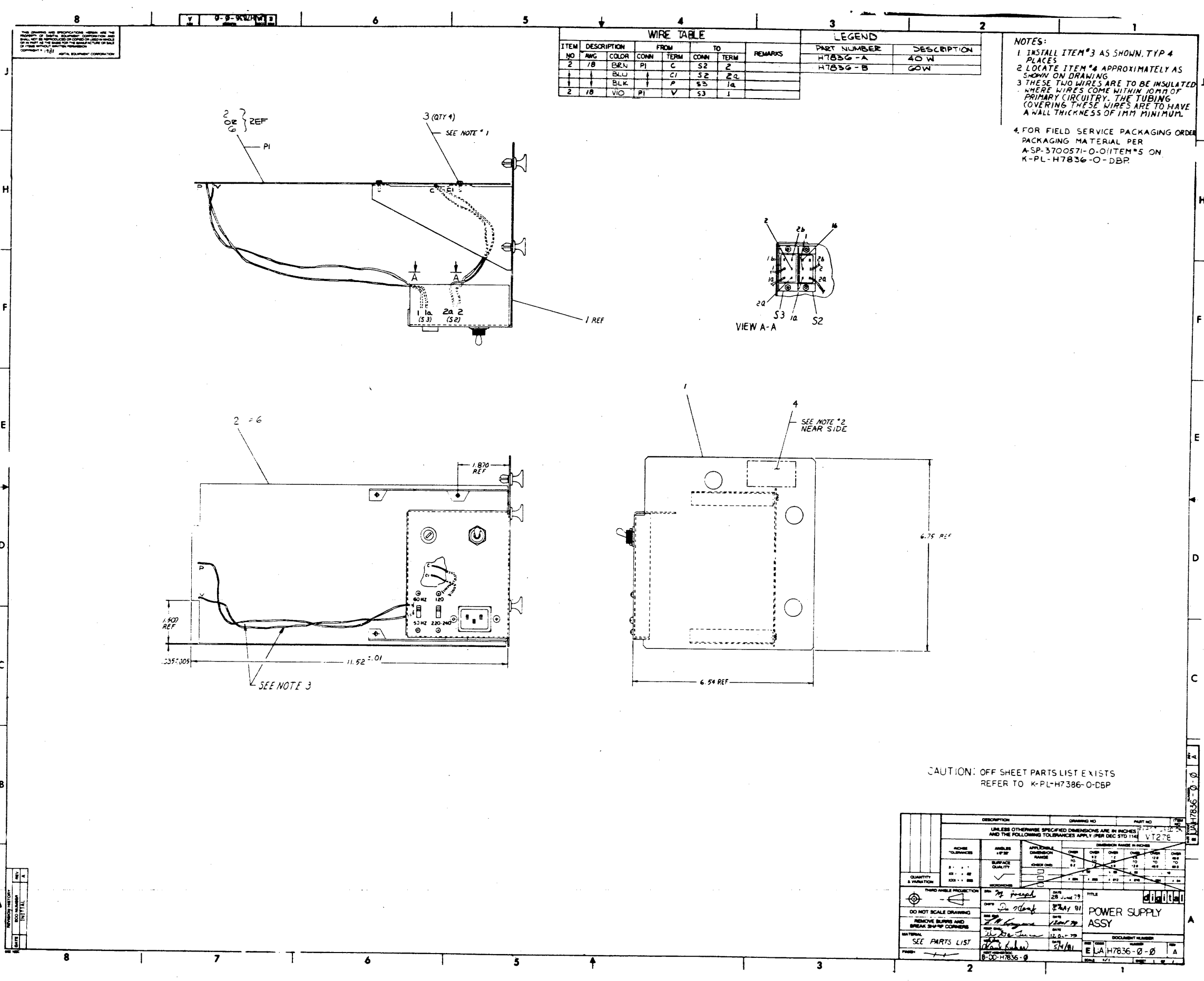
SECTION A OF A

SIZE	CODE	DOCUMENT NUMBER	REV
K	PL	5414131-0-0BP	S

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION		REFERENCE DESIGNATOR
					00	01	
78	78		1300432-00	3.0 K .25 W 5.0 % CC	1	1	R400
79	79		1300439-00	3.30 K .25 W 5.0 % CC	1	1	R104
80	80		1301775-00	820.0 .25 W 5.0 % CC	1	1	R293
81	81		1300295-00	330.0 .25 W 5.0 % CC	1	1	R294
82	82		9107776-99	WIRE(WRAP)22AWG,IPVC UL1429 WH A/R	1	1	W1
83	83		9009185-00	JUMPER, WIRE, INSULATED, BLACK B	1	1	R102,R103
84	84		1302602-00	56.0 .25 W 5.0 % CC	2	1	R103
			CONT			1	R102
85	85		1300250-00	150.0 .25 W 5.0 % CC		1	R111
86	86		1300316-00	470.0 .25 W 5.0 % CC		1	R112
87	87		1302395-00	56.0 K .25 W 5.0 % CC		1	R113
88	88		1302092-00	220.0 K .25 W 5.0 % CC	1	1	R292
89	89		1312930-00	5.10 K .25 W 5.0 % CC	1	3	R292,R114,R115
			CONT			1	C108
90	90		1001610-00	.01 MFD 50V +80-20% Z5U CER		1	CR302,CR303
91	91		1116475-00	1N 4148 PIV= 75 D035	2	3	CR302,CR303,CR100
			CONT			1	CR409
92	92		1111854-01	MR 817 PIV=800 I= 1A D041 S	1	1	

93 NOTE: P/N 1000051-00 CAN BE USED AS AN ALTERNATE FOR P/N 1003053-00.

D	I	G	I	T	A	L	TITLE	VT100 MONITOR	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5414131-Q-DBP	S



CAUTION: OFF SHEET PARTS LIST EXISTS
REFER TO K-PL-H7836-0-DBR

DESCRIPTION		DRAWING NO		PART NO	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)		VT27E		VT27E	
QUANTITY & VARIATION	THIRD ANGLE PROJECTION	DATE	28 June 79	TITLE	POWER SUPPLY ASSY
DO NOT SCALE DRAWING	REMOVE BLINDS AND BREAK SHARP CORNERS	DATE	28 May 81	DATE	12 Dec 79
SEE PARTS LIST		DATE	31 Jul 81	DATE	31 Jul 81
PARTS LIST		DATE	31 Jul 81	DATE	31 Jul 81