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RECEIVED APR 20 1983

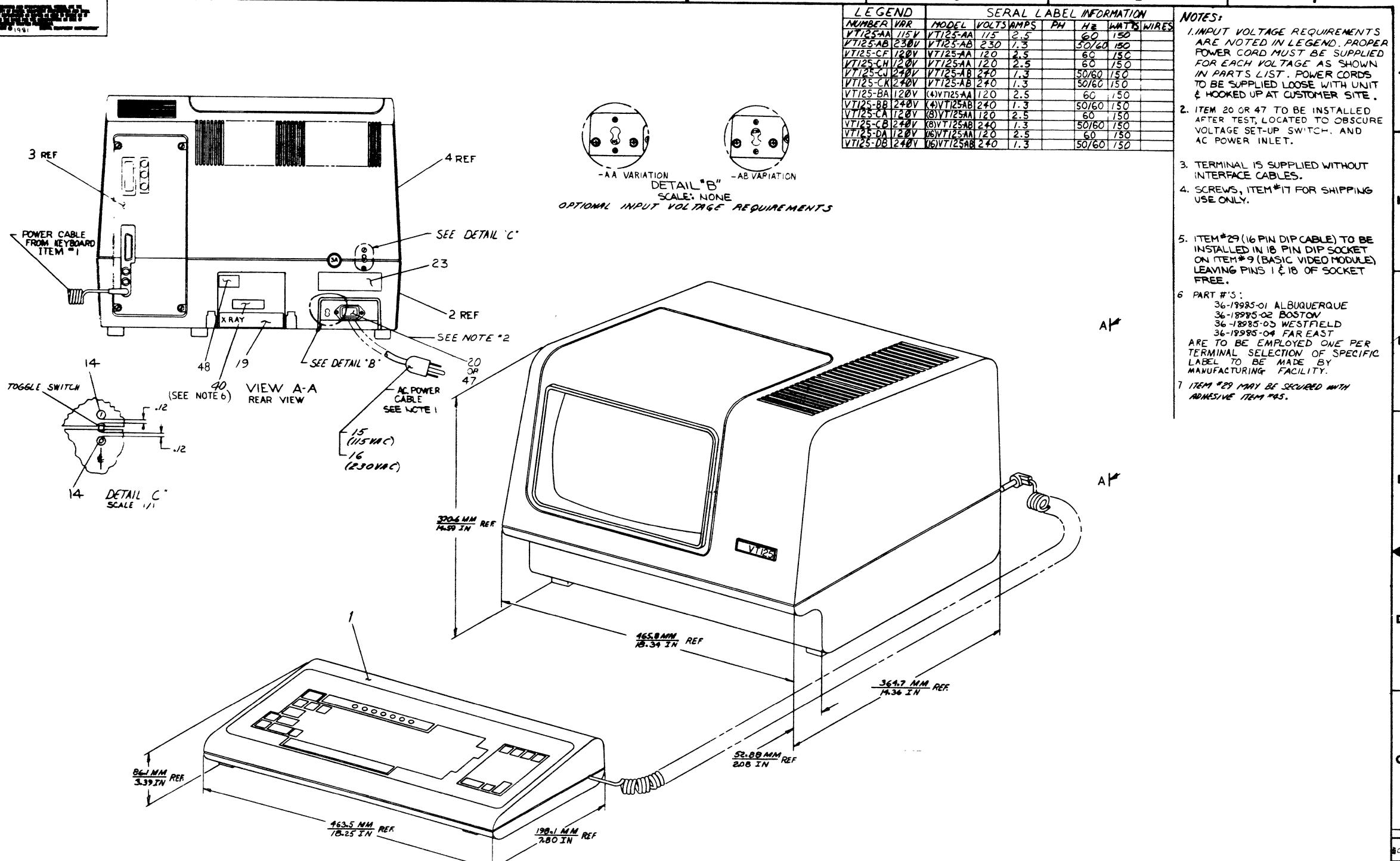
VTI25

Field Maintenance Print Set

Digital Equipment Corporation

Print Set Part Number MP-01053-00

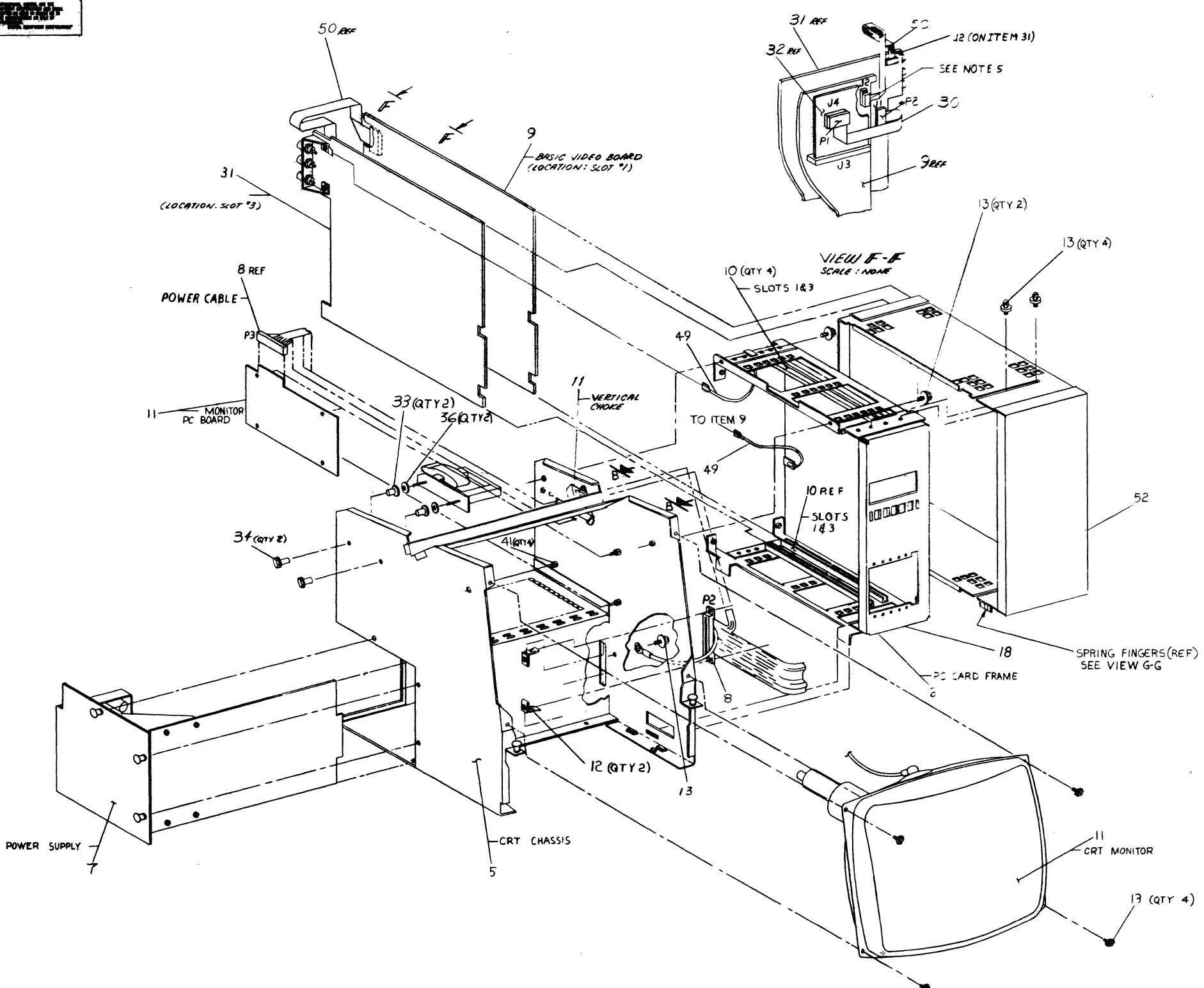
REVISION HISTORY				DRN.	R. ROBICHAUD	DATE	TITLE			
DATE	ECO NUMBER	REV.	INITIAL	CHK'D.	<i>S. L. King</i>	DATE	digital			
6-82	VT125-MLØ3	A		DES. ENG.	<i>J. G.</i>	DATE	UNIT ASSY VT125			
		B		RESP. ENG.	<i>E. G.</i>	DATE				
				FIELD SERVICE	<i>D. H. Houle</i>	DATE	DOCUMENT NUMBER			
					<i>28 Sept 81</i>	28 Sept 81	SIZE	CODE	NUMBER	REV.
							B	TC	VT125-Ø-1	B
				NEXT HIGHER DOC.	<i>B-DD-VT125-Ø</i>		SHEET 1 OF 1			

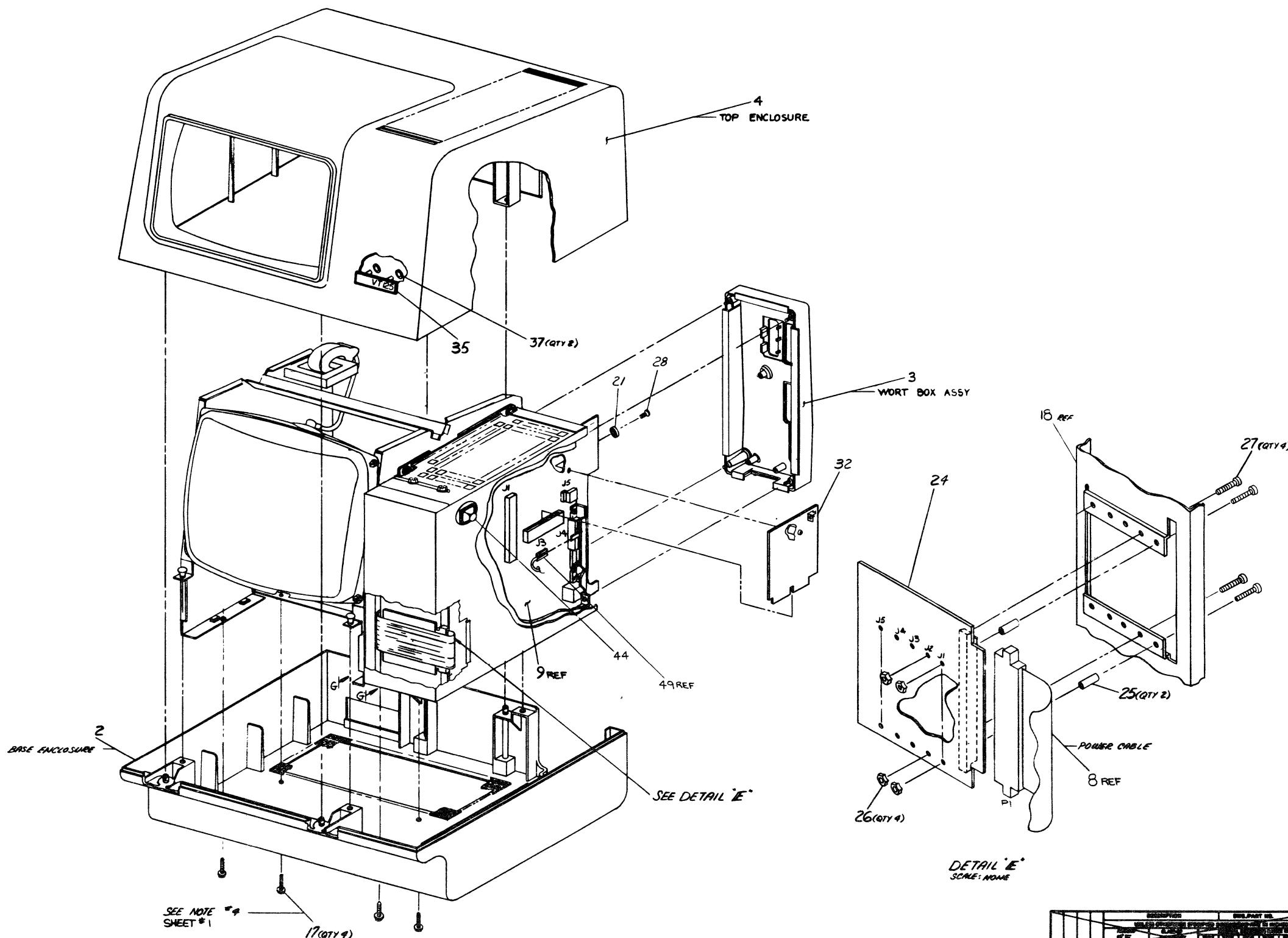


CAUTION: FOR OFF SHEET PARTS LIST
REFER TO K-PL-VT125-0-DBP

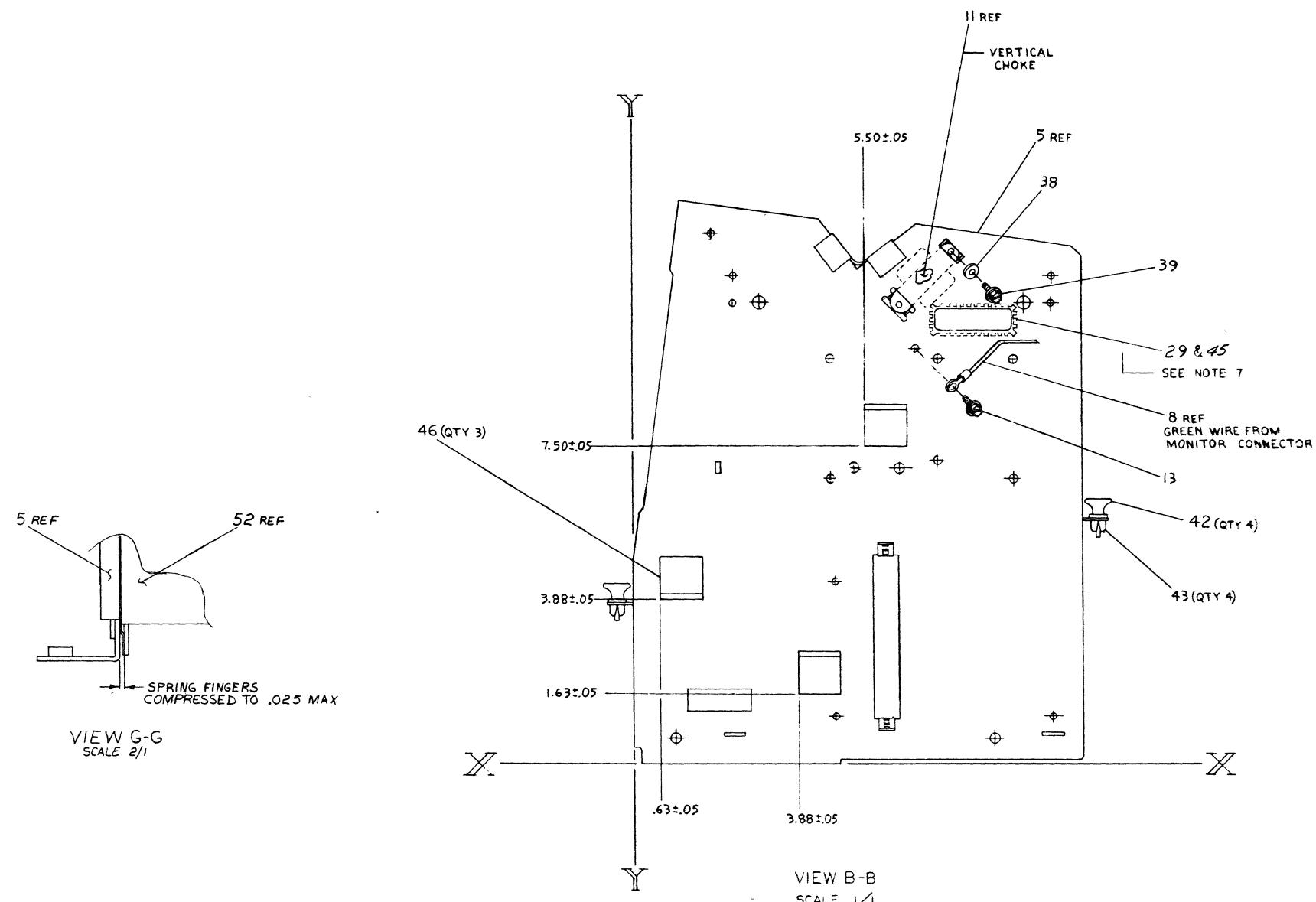
			DESCRIPTION	ENCL/PART NO.	ITEM NO.
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
QUANTITY & VARIATION	TYPE OF PART	CLASS OF ACCURACY	INCHES		
			MIN	MID	MAX
TRIM ANGLE PERIODIC	DIAL 1.0000	ADJUST	1.000	1.000	1.000
			1.000	1.000	1.000
SUSPENSION SPRINGS AND SPRING-RETAINER	DIAL 2.0000	ADJUST	2.000	2.000	2.000
			2.000	2.000	2.000
DESCRIPTIONS			PREFERRED		
DIM. 1.0000			1.000	1.000	1.000
DIM. 2.0000			2.000	2.000	2.000
TITLE			FIRST USED ON V745		
UNIT ASSY, VT125			20-00000		
NEXT REPAIR ASSTY.					
SEE PARTS LIST			DIA 1/2		
PAGE 1			PAGE 4		

8 7 6 5 4 3 2 1





UNIT ASSY, VT125	
PARTS LIST	
REF	DESCRIPTION
1	WIRE
2	SCREW
3	SCREW
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LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION												
				AA	AB	CF	CH	CJ	CK	BA	BB	CA	CB	DA	DB	
1	1	D-UA-7014653-0-0	7014653-00	KEYBOARD ASSY	1	1	1	1	1	1	-	-	-	-	-	
2	2	E-IA-7014980-0-0	7014980-04	BASE, ENCLOSURE ASSY	1	1	1	1	1	1	-	-	-	-	-	
3	3	D-IA-7017552-0-0	7017552-02	BOX, WORT ASSY. VT125	1	1	1	1	1	1	-	-	-	-	-	
4	4	D-IA-7014974-0-0	7014974-01	ENCLOSURE, CRT TOP ASSY	1	1	1	1	1	1	-	-	-	-	-	
5	5	E-IA-7017434-0-0	7017434-00	CHASSIS WELDMENT	1	1	1	1	1	1	-	-	-	-	-	
6	6	E-IA-7423954-0-0	7423954-00	CARD CAGE	1	1	1	1	1	1	-	-	-	-	-	
7	7	D-AD-7014979-0-0	7014979-00	POWER SUPPLY ASSY	1	1	1	1	1	1	-	-	-	-	-	
8	8	D-IA-7014978-0-0	7014978-01	POWER CABLE ASSY. VT100	1	1	1	1	1	1	-	-	-	-	-	
9	9	D-UA-5413009-0-0	5413009-03	VT100 BASIC VIDEO	1	1	1	1	1	1	-	-	-	-	-	
10	10		1212405-00	CARD GUIDE, NYLON	4	4	4	4	4	4	-	-	-	-	-	
11	11	D-AD-7018349-0-0	7018349-01	MONITOR ASSY, CRT, DIRECT DRIVE	1	1	1	1	1	1	-	-	-	-	-	
12	12		9010234-00	CLIP, CONN MTG.	2	2	2	2	2	2	-	-	-	-	-	
13	13		9000049-08	ZINCP	12	12	12	12	12	12	-	-	-	-	-	
14	14		3615680-00	SCREW, SEMS HEX SLOT	6-	12	12	12	12	12	-	-	-	-	-	
15	15		1700083-09	LABEL, ADHESIVE BACK, SWITCH POSIT	1	1	1	1	1	1	-	-	-	-	-	
16	16		1700083-10	PWR CORD, TERM. 75IN, 18-3, 125V 10	1	-	1	1	-	-	-	-	-	-	-	
17	17		9010135-00	PWR CORD, TERM. 75IN, 18-3, 250V 6	-	1	-	-	1	1	-	-	-	-	-	
18	18	D-MD-7419469-0-0	7419469-00	SCREW, TAP HEXWW SLOT THD RL	8-	4	4	4	4	4	-	-	-	-	-	
19	19		3617544-00	STOP P.C. CARD	1	1	1	1	1	1	-	-	-	-	-	
20	20		3617905-01	LABEL, X-RAY RADIATION	1	1	1	1	1	1	-	-	-	-	-	
21	21		9006706-00	LABEL, WARNING 120V 60HZ	1	-	1	1	-	-	-	-	-	-	-	
22	22	A-SP-3700324-0-0	3700324-01	WASHER, FLAT NYLON	1	1	1	1	1	1	-	-	-	-	-	
23	23		3617674-01	PKG DISPLAY VT100	REF											
24	24	D-UA-5413384-0-0	5413384-01	LABEL, SERIAL & POWER W/UL & CSA	1	1	1	1	1	1	1	1	1	1	1	1
25	25		9006970-00	VT100 EXPANSION BACKPLANE	1	1	1	1	1	1	1	1	1	1	1	1
26	26		9006557-00	SPACER, CLEAR HOLE RND PHEN	4	2	2	2	2	2	2	2	2	2	2	2
27	27		9006013-01	NUT, KEP 4-40X 1/4 AF	4	4	4	4	4	4	4	4	4	4	4	4
28	28		9008301-01	SCREW, MACH PAN PHIL	4-	4	4	4	4	4	4	4	4	4	4	4
29	29		9007035-00	SCREW, MACH PAN PHIL	4-	1	1	1	1	1	1	1	1	1	1	1
30	30	B-IA-7016165-0-0	7016165-0K	GROMMET, CATERPILLAR POLYAMIDE	1	1	1	1	1	1	-	-	-	-	-	-
				CABLE, 24 COND DIP SOCKET	1	1	1	1	1	1	-	-	-	-	-	-

REVISION HISTORY		!BASIC PART NO: VT125 !		!DRN:		R. ROBICHAUD		!DATE: 29-SEP-81		!D		!I		!G		!T		!A		
!ENG:	!ECO NUMBER	!REV	!SECTION A OF A	!		!		!		!		!		!		!		!		
				INITIAL	IA	SECTION. VARIATION INDEX	CHK'D:	D. HEALY	DATE: 28-SEP-81											
IAJ	VT125-ML001			B	[A]	AA,AB,CF,CH,CJ,CK,													VT125 UNIT ASSY	
IAJ	VT125-ML002			C	[C]	BA,BB,CA,CB,DA,DB														
IAJ	VT125-ML003			D	[B]			R. LEITERMANN	DATE: 28-SEP-81											
								R. QUINN	DATE: 28-SEP-81										DOCUMENT NUMBER	
								MFG.ENG.:	R. COLBY	DATE: 28-SEP-81	K	PL	VT125-0-DBP						SIZE!CODE! NUMBER	
																			! REV	
								ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:	EDIT #							
								E-UA-VT125-0-0		#B-DD-VT125-0		Z1509D.PLS	4							

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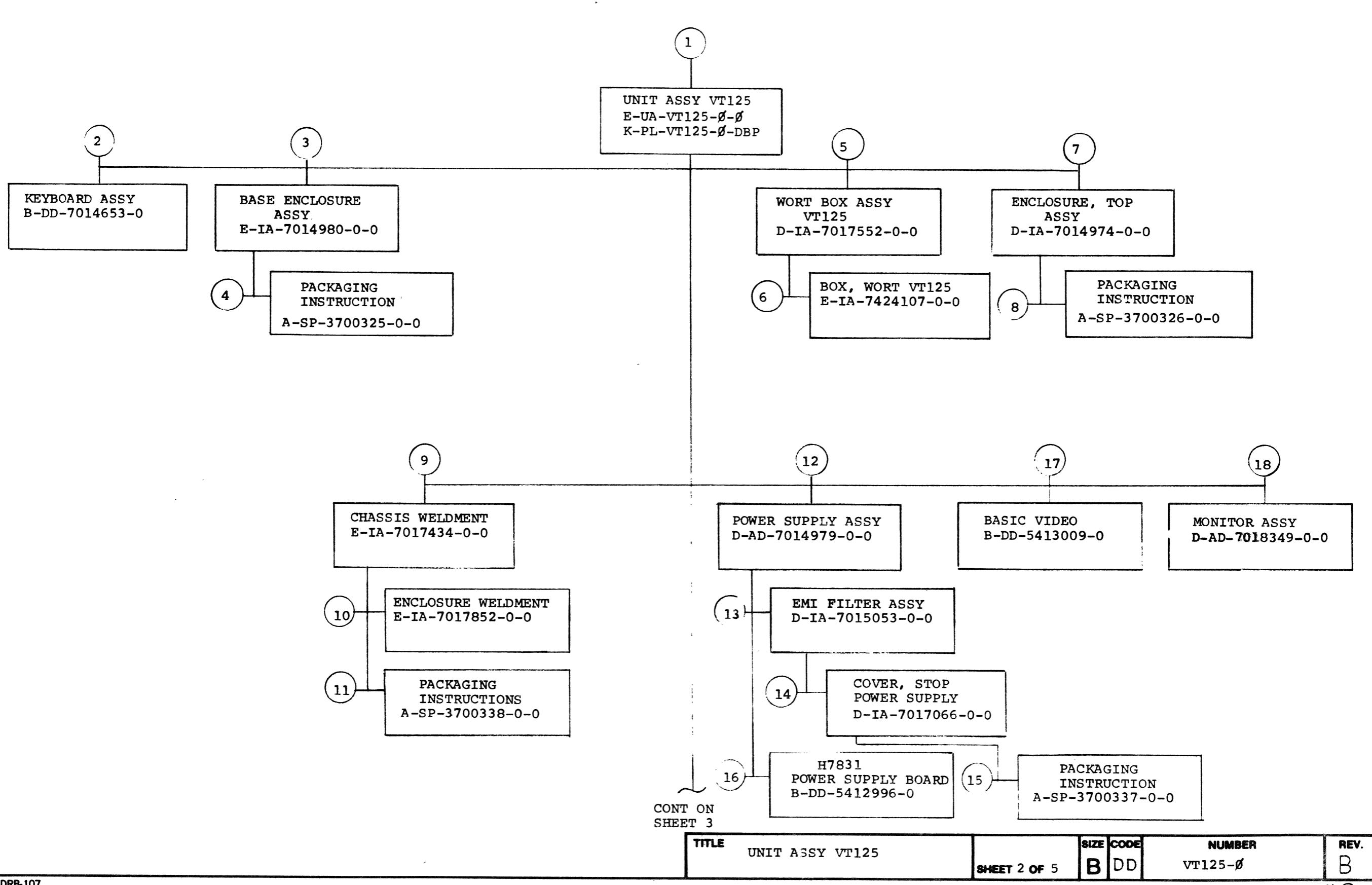
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION									
					AA	AB	CF	CH	CJ	CK	BA	BB	CA	
31	31	D-UA-5414277-C-0	5414277-00	VT125 MONO BD.	1	1	1	1	1	1	-	-	-	-
32	32	D-UA-5414275-0-0	5414275-00	VT125 PADDLE BOARD	1	1	1	1	1	1	-	-	-	-
33	33	B-IA-7423018-0-0	7423018-00	ISOLATION MOUNT.	2	2	2	2	2	2	-	-	-	-
34	34	B-MD-7423006-0-0	7423006-00	SCREW,HEX WASHER HD,4-40	2	2	2	2	2	2	-	-	-	-
35	35		1216404-02	LOGO,DIGITAL,MOLD FOR VT125	1	1	1	1	1	1	-	-	-	-
36	36		9008193-00	WASHER,FLAT NYLON	2	2	2	2	2	2	-	-	-	-
37	37		9009257-00	RING, RETAINING, REINFORCED, .35	2	2	2	2	2	2	-	-	-	-
38	38		9006659-00	WASHER,FLAT STEEL	1	1	1	1	1	1	-	-	-	-
39	39		9010112-00	SCREW,WASH HEX SLOT THD RL 6-	1	1	1	1	1	1	-	-	-	-
40	40		3618985-05	LABEL,MFG.DATE BLANK	1	1	1	1	1	1	-	-	-	-
41	41		9009747-01	SUPPORT,CKT.BD.SNAP-IN 1/4	4	4	4	4	4	4	-	-	-	-
42	42		9009964-00	PLUNGER, 5/16 DIA	4	4	4	4	4	4	-	-	-	-
43	43		9009966-01	GROMMET,SNAP-IN POLYCARBONATE	4	4	4	4	4	4	-	-	-	-
44	44		9009624-00	BUMPR,SQ.,ADH.BACK RUB-POLYU	1	1	1	1	1	1	-	-	-	-
45	45		9009157-00	ADH,LIQ.RM.TEMP CURING COLORLESS	A/R	A/R	A/R	A/R	A/R	A/R	-	-	-	-
46	46		9009636-00	CLAMP, CABLE, FOR FLAT CABLE	3	3	3	3	3	3	-	-	-	-
47	47		3617905-02	LABEL,WARNING 220-240V50HZ	-	1	-	-	1	1	-	-	-	-
48	48		3617880-03	LABEL,FCC CLASS A PERIPHERAL	1	1	1	1	1	1	-	-	-	-
49	49	B-IA-7017970-0-0	7017970-YA	CABLE GROUNDING 3.5	2	2	2	2	2	2	-	-	-	-
50	50	C-IA-7018396-0-0	7018396-YA	CABLE SPECIAL 16 PIN	1	1	1	1	1	1	-	-	-	-
51	51	A-SP-3700520-0-0	3700520-00	PKC. H9780-BA CAB	REF	REF	REF	REF	REF	REF	-	-	-	-
52	52	E-IA-7425604-0-0	7425604-01	SHIELD FCC	1	1	1	1	1	1	-	-	-	-
53	53		QE118-AY	REGIS/VMS780 GRAPHICS LIBRARY TU	-	-	1	-	1	-	-	-	-	-
54	54		QD118-AG	REGIS/VMS750 GRAPHICS LIBRARY TU	-	-	-	1	-	1	-	-	-	-
55	55	E-UA-UT125-0-0	VT125-AA	VT100 WITH GRAPHICS,120V (VT100-	-	-	-	-	-	-	4	-	8	16
56	56	E-UA-V.125-0-0	VT125-AB	VT100 WITH GRAPHICS,240V (VT100-	-	-	-	-	-	-	4	-	8	16

!TITLE	!SECTION A OF A	!SIZE!	!CODE!	DOCUMENT NUMBER	!REV!
I D I I G ! I ! T ! A ! L !	VT125 UNIT ASSY	!	!	K ! PL ! VT125-0-DBP	! D !
! ! ! ! ! ! ! ! ! ! ! !	! ! ! ! ! ! ! ! ! ! ! !	! ! ! !	! ! !	! ! !	! ! !

DRAWING DIRECTORY

UNIT VARIATIONS

REVISIONS		USED ON OPTION/MODEL		DRN. R. ROBICHAUD	DATE 31MAR 81	TITLE			
CHK	CHANGE NO.	INITIAL	A	CHK'D. <i>D. Dealy</i>	DATE 28 SEP 81	UNIT ASSY VT125			
<i>R.P.</i>		VT125M1003	B	PROJ. ENG. <i>R. Gauvin</i>	DATE 28 SEP 81				
				PROD. <i>R. Colby</i>	DATE 28 SEP 81	SIZE CODE NUMBER REV			
						B	DD	VT125-0	<i>D</i>
SHEET 1 OF 5				DIST.					



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CONT FROM
SHEET 2

19

PACKAGING
INSTRUCTION
A-SP-3700324-0-0

20

VT100 EXPANSION
BACKPLANE
B-DD-5413384-0

21

VT125 MONO BOARD
B-DD-5414277-0

22

VT125 PADDLE BOARD
B-DD-5414275-0

23

STOP, P.C. CARD
D-MD-7419469-0-0

25

PACKAGING
INSTRUCTIONS
A-SP-3700520-0-0

*

24

PACKAGING
INSTRUCTION
A-SP-3700334-0-0

*USE A-SP-3700324-0-0
or
A-SP-3700520-0-0

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
	MP-01053-00	UNIT ASSY VT125 (PRINT SET ORDER NO)	-				
	B-TC-VT125-0-1	UNIT ASSY VT125 (FIELD MAINT. PRINT SET)	-				M
1	E-UA-VT125-0-0	UNIT ASSY VT125	E/M				M
	K-PL-VT125-0-DBP	UNIT ASSY VT125 (PARTS LIST)	E/M				M
	D-IA-7014978-0-0	POWER CABLE ASSY	E/M				
	A-PS-3615680-0-0	LABEL, SWITCH POSITION	M				
	A-PS-1700083-0-0	LINF CORD	E/M				
	A-PS-3617674-0-0	LABEL, SERIAL & POWER W/UL & CSA	M				
	B-PS-1212405-0-0	CARD GUIDE	M				
	A-PS-3617905-0-0	LABEL WARNING	M				
	D-IA-7016165-0-0	CABLE 24 COND DIP SOCKET	E/M				
	B-IA-7423018-0-0	ISOLATION MOUNT	M				
	B-MD-7423006-0-0	SCR, HEX WASHER HD.	M				
	A-PS-1216404-0-0	LOGO VT125	M				
	B-PL-VT125-0	VT125-A SHIPPING LIST	-				M
	A-PS-3617544-0-0	LABEL X-RAY RADIATION	M				M
	E-IA-7423954-0-0	CARD CAGE					
	A-PS-3617880-0-0	LABEL PCC CLASS A	M				
	B-IA-7017970-0-0	CABLE GROUNDING	E/M				
	C-IA-7018396-0-0	CABLE SPECIAL	E/M				
	A-PS-3618985-0-0	LABEL FOR CANADA	-				
	E-IA-7425604-0-DBU	SHIELD - FCC	E/M				
2.	B-DD-7014653-0	KEYBOARD ASSY	E/M				
3.	E-IA-7014980-0-0	BASE ENCLOSURE ASSY	M				
	E-MD-7414871-0-0	ENSLOSURE BOT. C.R.T.	M				
	C-MD-7419837-0-0	SCREEN, INSERT	M				
4.	A-SP-3700325-0-0	PACKAGING INSTRUCTIONS	M				
5.	D-IA-7017552-0-0	WORT BOX ASSY VT125	M				
	E-MD-7425603-0-DBU	INSERT WORT BOX	M				
	C-MD-7425573-0-DBU	GASKET R.G.B	M				

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

digital

TITLE: UNIT ASSY VT125 | SHEET 4 OF 5 | SIZE: B DD | CODE: VT125-0 | NUMBER: ML 3 | REV: B

FIND NO.	DRAWING NO.	DESCRIPTION	TYPE	FIND NO.	DRAWING NO.	DESCRIPTION	TYPE
11	A-SP-3700338-0-0	PACKAGING INSTRUCTION	M	20	B-DD-5413384-0	EXPANSION BACKPLANE	E/M
12	D-AD-70149-0-0	POWER SUPPLY ASSY	E/M	21	B-DD-5414277-0	VT125 MONO BOARD	E/M
13	D-IA-7015053-0-0 C-MD-7420322-0-0	EMI FILTER ASSY CLIP, GROUND	E/M E/M	22	B-DD-5414275-0	VT125 PADDLE BOARD	E/M
14	D-IA-7017066-0-0 D-MD-7423007-0-0 C-MD-7419851-0-0	COVER, STOP POWER SUPPLY COVER, STOP BRACKET, SUPPORT	M M M	23	D-MD-7419469-0-0	STOP, P.C. CARD	M
15	A-SP-3700337-0-0	PACKAGING INSTRUCTION	M	24	A-SP-3700334-0-0	PACKAGING INSTRUCTIONS	M
16	B-DD-5412996-0	H7831 POWER SUPPLY ASSY	E/M	25	A-SP-3700520-0-0	PACKAGING INSTRUCTIONS	M
17	B-DD-5413009-0	BASIC VIDEO	E/M				
18	D-AD-7018349-0-0	MONITOR ASSY	E/M				
19	A-SP-3700324-0-0	PACKAGING INSTRUCTION	M				

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

DRB 108A

digital

TITLE UNIT ASSY VT125 SHEET 5 OF 5 SIZE CODE NUMBER REV
B DD VT125-0 B

ML3

NOTES:

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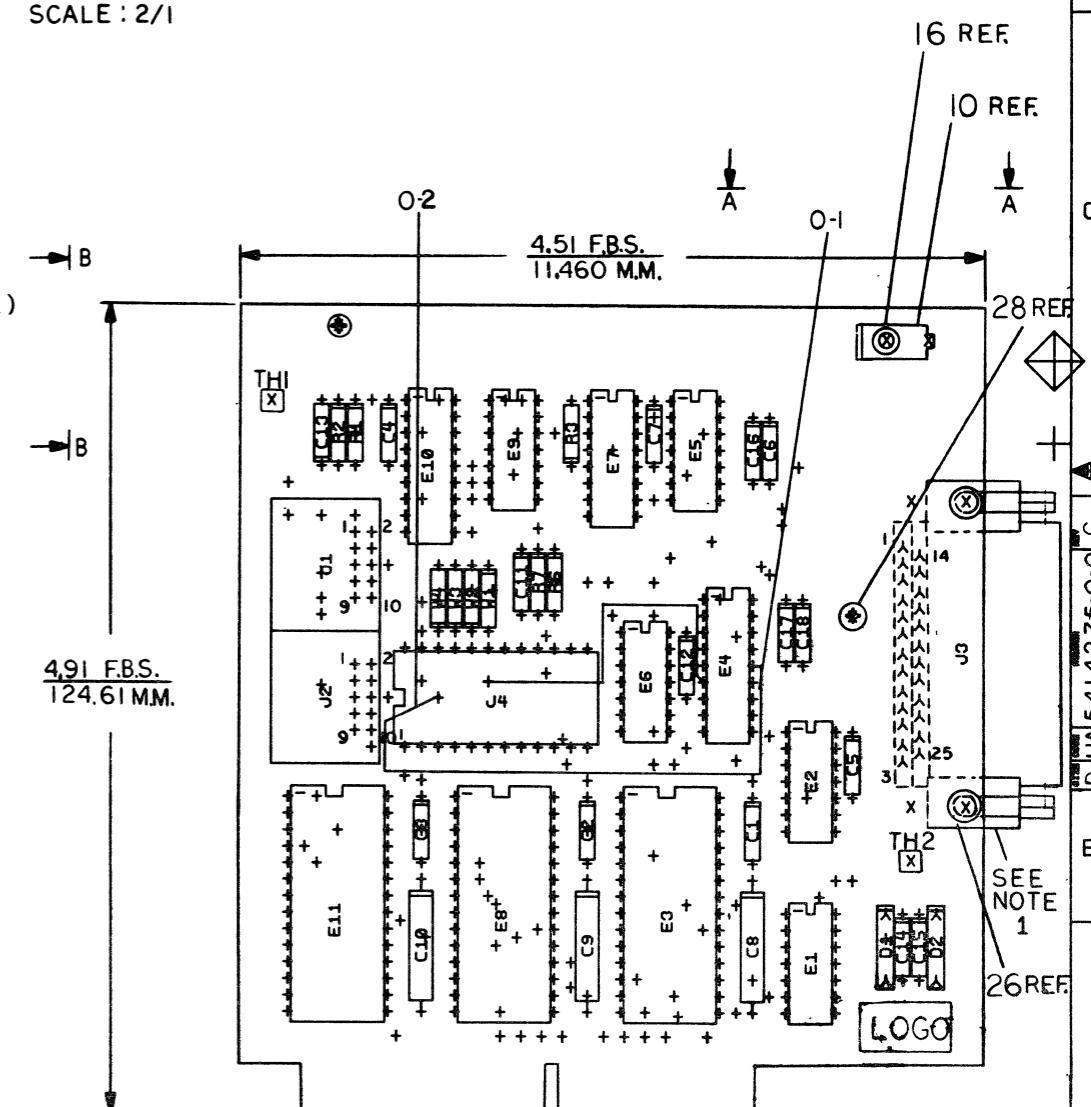
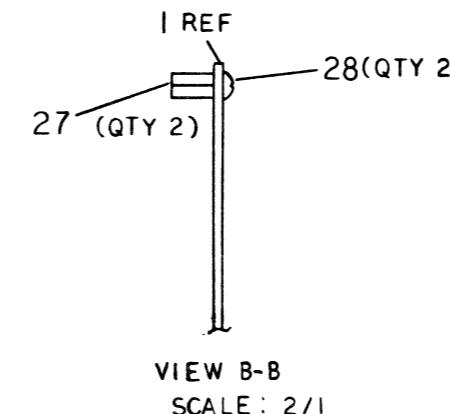
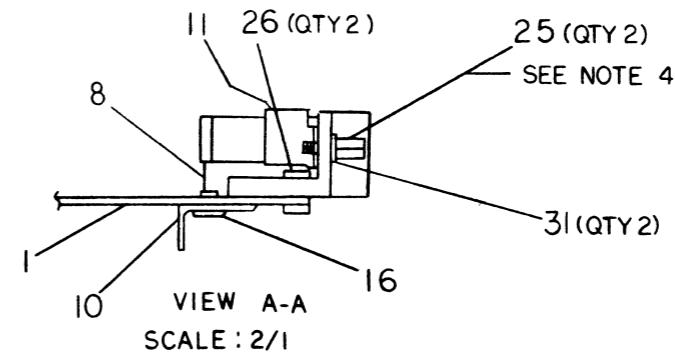


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COMPONENT SIDE VIEW

REWORK INSTRUCTIONS
WIRE ADDS SIDE 2 (ITEM #30)

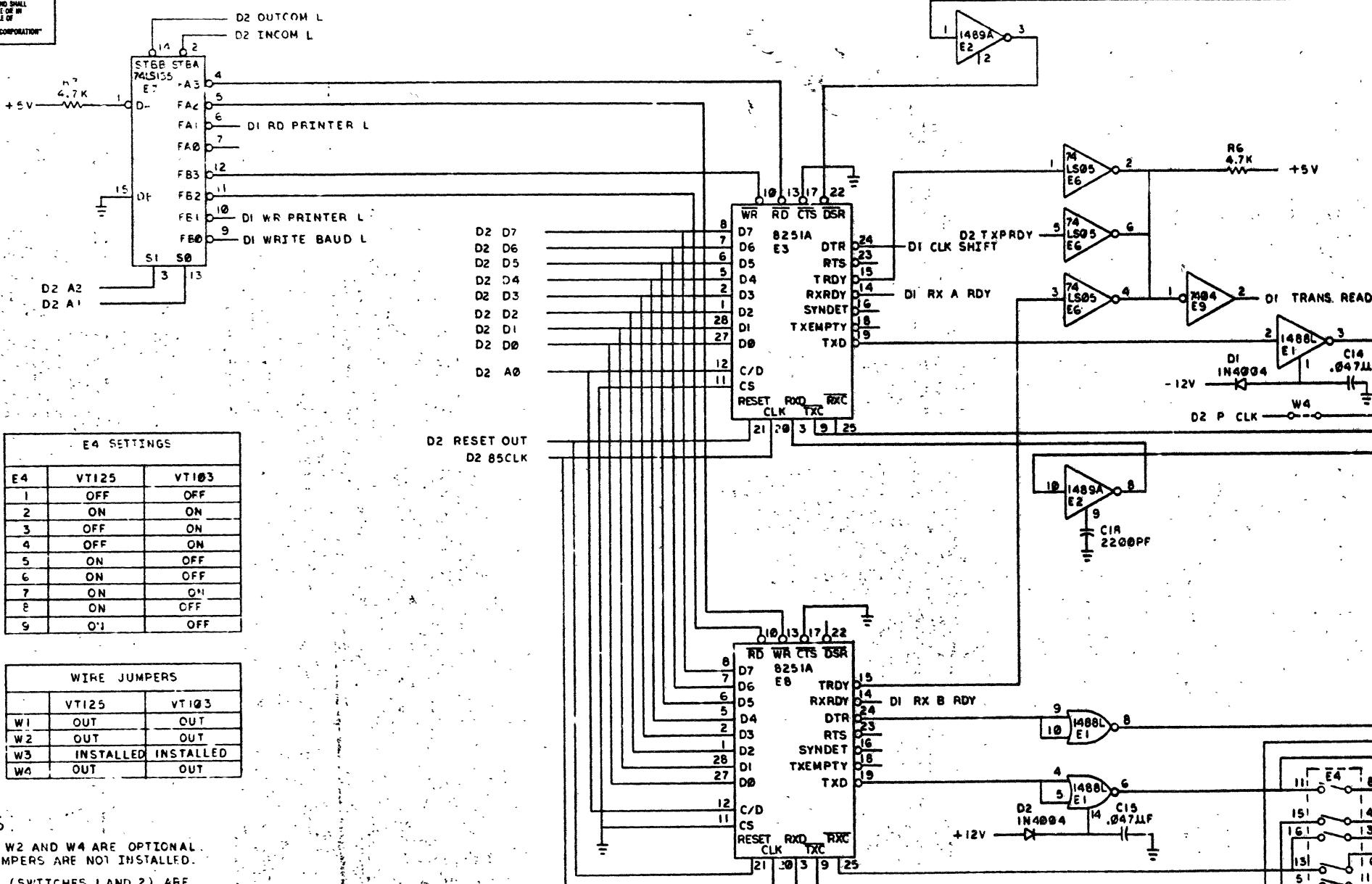
- 0-1 FROM E4 PIN 14 TO FEED THRU ABOVE J4 PIN 3
0-2 FROM E4 PIN 6 TO FEED THRU BELOW J4 PIN 19



NOTES:
1. J3 IS MOUNTED ON SIDE 2
2. WIRES ARE NOT INSERTED
3. ITEM #27 IS MOUNTED ON SIDE 2
4. ITEM #25 TO BE TORQUED TO 5 IN LBS +/- 1 IN.
LBS

CHANGE NO	REV	DRN.	DATE	digital
5414275-WL05	B	10/15/80		
5414275-WL06	C	10/15/80		
5414275-WL07	D	10/15/80		
5414275-WL08	E	10/15/80		
5414275-WL09	F	10/15/80		
5414275-WL10	G	10/15/80		
5414275-WL11	H	10/15/80		
5414275-WL12	I	10/15/80		
5414275-WL13	J	10/15/80		
5414275-WL14	K	10/15/80		
5414275-WL15	L	10/15/80		
5414275-WL16	M	10/15/80		
5414275-WL17	N	10/15/80		
5414275-WL18	O	10/15/80		
5414275-WL19	P	10/15/80		
5414275-WL20	Q	10/15/80		
5414275-WL21	R	10/15/80		
5414275-WL22	S	10/15/80		
5414275-WL23	T	10/15/80		
5414275-WL24	U	10/15/80		
5414275-WL25	V	10/15/80		
5414275-WL26	W	10/15/80		
5414275-WL27	X	10/15/80		
5414275-WL28	Y	10/15/80		
5414275-WL29	Z	10/15/80		
5414275-WL30	A	10/15/80		
5414275-WL31	B	10/15/80		
5414275-WL32	C	10/15/80		
5414275-WL33	D	10/15/80		
5414275-WL34	E	10/15/80		
5414275-WL35	F	10/15/80		
5414275-WL36	G	10/15/80		
5414275-WL37	H	10/15/80		
5414275-WL38	I	10/15/80		
5414275-WL39	J	10/15/80		
5414275-WL40	K	10/15/80		
5414275-WL41	L	10/15/80		
5414275-WL42	M	10/15/80		
5414275-WL43	N	10/15/80		
5414275-WL44	O	10/15/80		
5414275-WL45	P	10/15/80		
5414275-WL46	Q	10/15/80		
5414275-WL47	R	10/15/80		
5414275-WL48	S	10/15/80		
5414275-WL49	T	10/15/80		
5414275-WL50	U	10/15/80		
5414275-WL51	V	10/15/80		
5414275-WL52	W	10/15/80		
5414275-WL53	X	10/15/80		
5414275-WL54	Y	10/15/80		
5414275-WL55	Z	10/15/80		
5414275-WL56	A	10/15/80		
5414275-WL57	B	10/15/80		
5414275-WL58	C	10/15/80		
5414275-WL59	D	10/15/80		
5414275-WL60	E	10/15/80		
5414275-WL61	F	10/15/80		
5414275-WL62	G	10/15/80		
5414275-WL63	H	10/15/80		
5414275-WL64	I	10/15/80		
5414275-WL65	J	10/15/80		
5414275-WL66	K	10/15/80		
5414275-WL67	L	10/15/80		
5414275-WL68	M	10/15/80		
5414275-WL69	N	10/15/80		
5414275-WL70	O	10/15/80		
5414275-WL71	P	10/15/80		
5414275-WL72	Q	10/15/80		
5414275-WL73	R	10/15/80		
5414275-WL74	S	10/15/80		
5414275-WL75	T	10/15/80		
5414275-WL76	U	10/15/80		
5414275-WL77	V	10/15/80		
5414275-WL78	W	10/15/80		
5414275-WL79	X	10/15/80		
5414275-WL80	Y	10/15/80		
5414275-WL81	Z	10/15/80		
5414275-WL82	A	10/15/80		
5414275-WL83	B	10/15/80		
5414275-WL84	C	10/15/80		
5414275-WL85	D	10/15/80		
5414275-WL86	E	10/15/80		
5414275-WL87	F	10/15/80		
5414275-WL88	G	10/15/80		
5414275-WL89	H	10/15/80		
5414275-WL90	I	10/15/80		
5414275-WL91	J	10/15/80		
5414275-WL92	K	10/15/80		
5414275-WL93	L	10/15/80		
5414275-WL94	M	10/15/80		
5414275-WL95	N	10/15/80		
5414275-WL96	O	10/15/80		
5414275-WL97	P	10/15/80		
5414275-WL98	Q	10/15/80		
5414275-WL99	R	10/15/80		
5414275-WL100	S	10/15/80		
5414275-WL101	T	10/15/80		
5414275-WL102	U	10/15/80		
5414275-WL103	V	10/15/80		
5414275-WL104	W	10/15/80		
5414275-WL105	X	10/15/80		
5414275-WL106	Y	10/15/80		
5414275-WL107	Z	10/15/80		
5414275-WL108	A	10/15/80		
5414275-WL109	B	10/15/80		
5414275-WL110	C	10/15/80		
5414275-WL111	D	10/15/80		
5414275-WL112	E	10/15/80		
5414275-WL113	F	10/15/80		
5414275-WL114	G	10/15/80		
5414275-WL115	H	10/15/80		
5414275-WL116	I	10/15/80		
5414275-WL117	J	10/15/80		
5414275-WL118	K	10/15/80		
5414275-WL119	L	10/15/80		
5414275-WL120	M	10/15/80		
5414275-WL121	N	10/15/80		
5414275-WL122	O	10/15/80		
5414275-WL123	P	10/15/80		
5414275-WL124	Q	10/15/80		
5414275-WL125	R	10/15/80		
5414275-WL126	S	10/15/80		
5414275-WL127	T	10/15/80		
5414275-WL128	U	10/15/80		
5414275-WL129	V	10/15/80		
5414275-WL130	W	10/15/80		
5414275-WL131	X	10/15/80		
5414275-WL132	Y	10/15/80		
5414275-WL133	Z	10/15/80		
5414275-WL134	A	10/15/80		
5414275-WL135	B	10/15/80		
5414275-WL136	C	10/15/80		
5414275-WL137	D	10/15/80		
5414275-WL138	E	10/15/80		
5414275-WL139	F	10/15/80		
5414275-WL140	G	10/15/80		
5414275-WL141	H	10/15/80		
5414275-WL142	I	10/15/80		
5414275-WL143	J	10/15/80		
5414275-WL144	K	10/15/80		
5414275-WL145	L	10/15/80		
5414275-WL146	M	10/15/80		
5414275-WL147	N	10/15/80		
5414275-WL148	O	10/15/80		
5414275-WL149	P	10/15/80		
5414275-WL150	Q	10/15/80		
5414275-WL151	R	10/15/80		
5414275-WL152	S	10/15/80		
5414275-WL153	T	10/15/80		
5414275-WL154	U	10/15/80		
5414275-WL155	V	10/15/80		
5414275-WL156	W	10/15/80		
5414275-WL157	X	10/15/80		
5414275-WL158	Y	10/15/80		
5414275-WL159	Z	10/15/80		
5414275-WL160	A	10/15/80		
5414275-WL161	B	10/15/80		
5414275-WL162	C	10/15/80		
5414275-WL163	D	10/15/80		
5414275-WL164	E	10/15/80		

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NOTES:

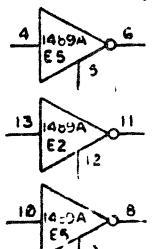
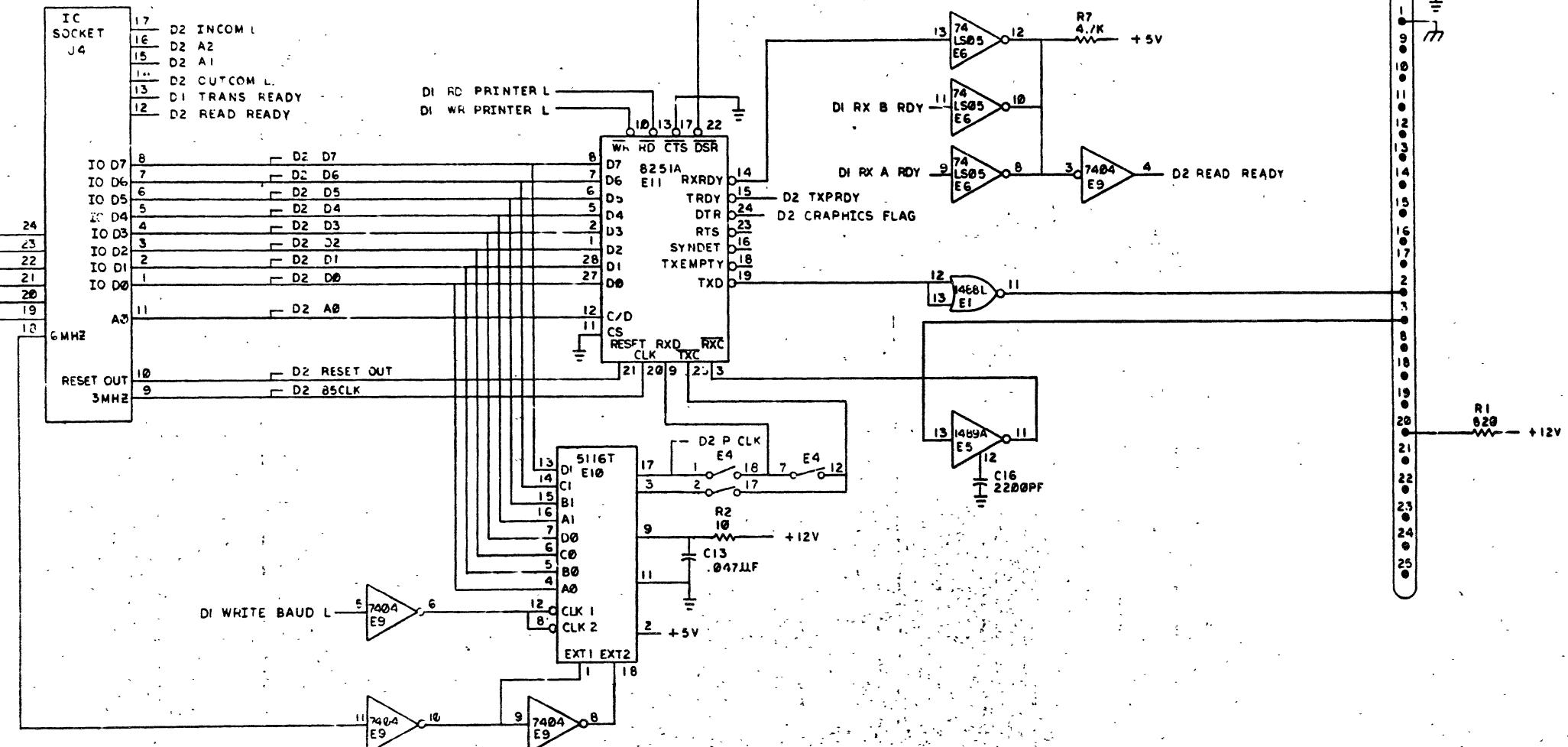
1. WI W2 AND W4 ARE OPTIONAL. JUMPERS ARE NOT INSTALLED.
2. E4 (SWITCHES 1 AND 2) ARE USED FOR TEST PURPOSES.

REVISIONS	
CHANGE NO.	REV.
1-75 - MILORD	F
2-75 - WEINSON	G

PRINTED ON NO. 102-B

DRW. NO.	1	CHK'D BY	1	REV.	2
ENG. NO.	1	DATE	1	TITLE	VT125
PROJ. ENG.	1	PROD.	1	ITEM	PADDLE BOARD
NEXT HIGHER ASSY.	1	SIZE CODE	1	NUMBER	D
B-00-5414275-0-1	1	SCALE	1	REV.	B
SHEET	1	OF	1	DIST	

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REVISION HISTORY		
DATE	ECO NUMBER	REV

TITLE: VTI25
PADDLE BOARD (D2)

DOCUMENT NUMBER:
D 5414275-0-1 F
SCALE: / / SHEET 2 OF 2

PARTS LIST

QTY PER VARIATION

SHEET 14 OF 14

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
1	D-MD-5014274-0-0	5014274-00	DRILL AND ETCH BRD.	1	
		1013466-12	2200.0 MMF 50V 10' NCR CER		C16-C18
		1005306-00	6.8MFD 35V 10' G.TANT		C8-C10
		1012784-00	.047 MFD 50V +60-20% CER		C1-C3, C11-C15
		1105795-00	IN 4004 PIV=400 I=1A SO41 SF		D1-D3
		1213506-04	PCB HEADER 09PIN(2X05) 10000 900		J1,J2
		1211164-05	SW.DIP 9POS/1PST 5VDC 100MA FL		J3,J4
		1214460-00	CONN.D SUB 25PIN ASSY RT ANGLE P		J5,J6
		1215006-06	SKT, IC 24PIN DIP TIN PLATE		J7,J8
		7423539-00	LUG, GROUND		
		7424901-00	BRACKET, GROUNDING EIA CONNECTOR		R3,R6,R7
		1300447-00	4.70 K .25 W 5.0% CC		R2
		1301317-00	10.0 .25 W 5.0% CC		R1
		1301775-00	820.0 .25 W 5.0% CC		E9
		9009000-00	EYELET, ROLLED 0.1210DX0.156		E10
		1909686-00	7404 INVERTER GATE-HEX II		E11
		1910322-00	DEC 1488L DRIVER, LINE, QUAD, EI		E12
		1912804-00	LS05 INVERTER GATE-HEX II		E13
		1912846-00	LS155 DECODER, 2 OF 4(DUAL)		E14
		1913130-00	DEC 1489A RECEIVER, LINE, QUAD.		E15
		2112623-03	DUAL BAUD RATE GEN/FREQ DIVIDER		E16
		2113107-01	F 9251A USART COMM. INTERFACE		E17
		9008451-01	SCREW, LOCK, STANDOFF ONLY		E18
		9006746-00	EYELET, ROLLED 0.1210DX0.231		E19
		9009306-00	SPACER, RND, THD 4-40X 1/16		E20
		9008301-01	SCREW, PAN PHIL 4-40X 1/4 SS		E21
		9009185-00	JUMPER, WIRE, INSULATED, BLACK B		E22
		9105740-55	WIRE(WRAP) 30AWG UL1423		E23
		9006688-00	WASHER, LOCK, S.S. #4		E24
			PACKAGING INSTRUCTIONS	A REF	E25
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SIZE B CODE DD NUMBER 541427-0

M REV. **B** SIZE **DD** CODE **541427-0** NUMBER

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COMPONENT SIDE VIEW

NOTES:

1. BRACKET ASSEMBLY INSTRUCTIONS - 11IN 85 TORQUE FOR SCREW F N 30800101 IS 7 IN LBS
- 2 DEC STD 116 SECTION 14, REGARDING PARAGRAPH 14, THE FORMING OF AXIAL LEAD COMPONENTS AND LEAD FORMING OF AXIAL LEAD COMPONENTS SHALL NOT APPLY TO ALL FERRITE BEAMS ON THIS MODULE.
3. L10, L12 & E25 ARE FOR FUTURE OPTIONS.

This diagram illustrates an exploded view of a mechanical assembly. Key components labeled include:

- 77 (REF) - A large rectangular base or housing.
- 82 - A cylindrical component positioned above the base.
- 83 - A smaller cylindrical component located to the right of the base.
- 84 - A component labeled 'QTY 2' positioned above the base.
- 85 (REF) - A component labeled 'QTY 3' positioned to the left of the base.
- 87 - A component labeled 'QTY 3' positioned to the right of the base.
- 91V 2 - A component labeled 'QTY 2' positioned above the base.

The diagram shows how these individual parts are assembled together.

10.436 REF —

10 436 REF

SIGNATURES		DATE	digital	
DRN.	CHK'D.		V125	
TECH. ENG.	PROJ. ENG.		MONO	BOARD
PROD.	SCALE			
SHR.	OF		NUMBER	REV.
NEXT HEBER		8-00-511274	E	UAC411C-0-2-J
ETCH REV.		F-P2		

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NOTES :
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STEP 4
REPEAT

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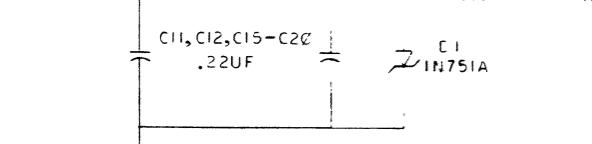
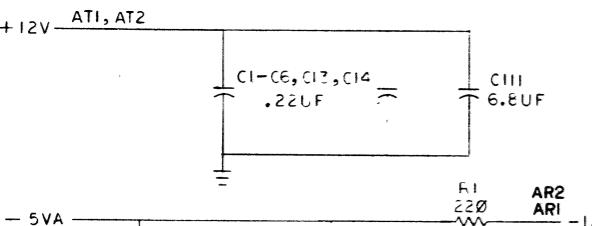
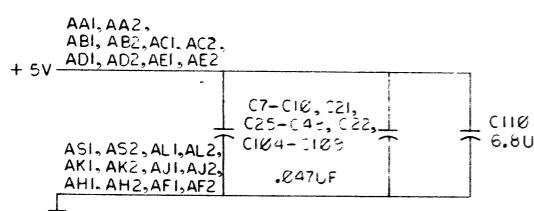
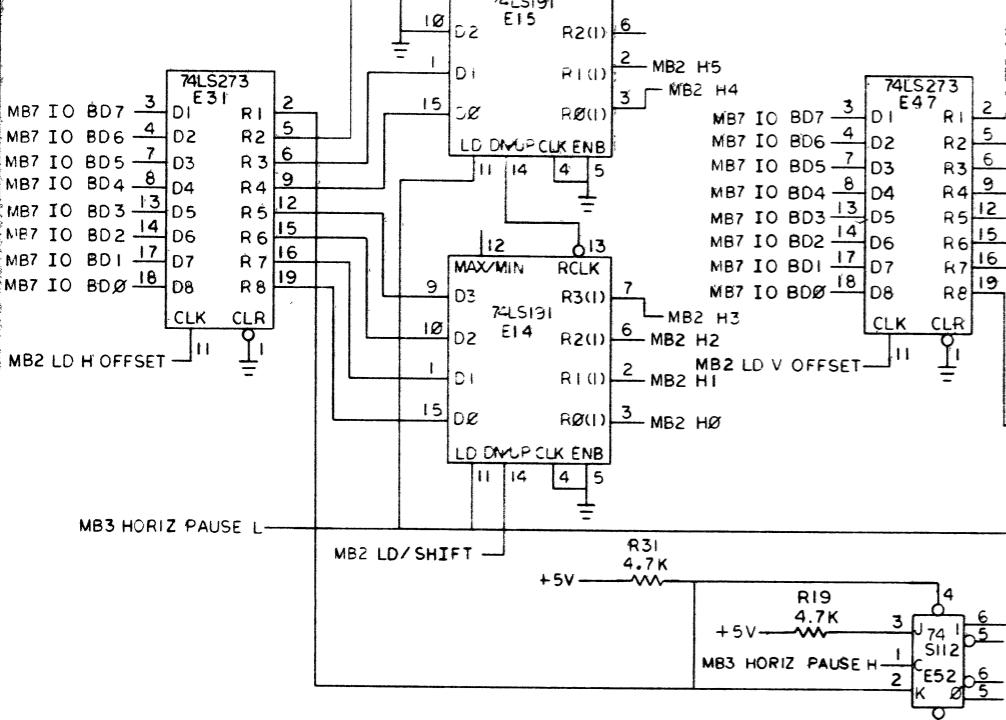
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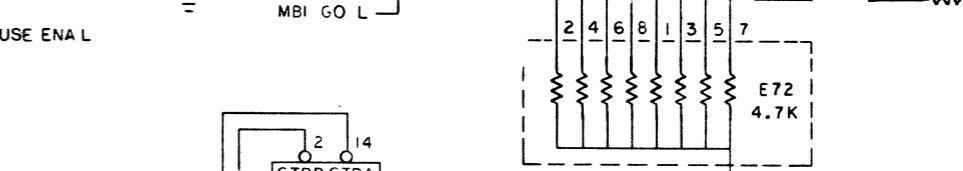
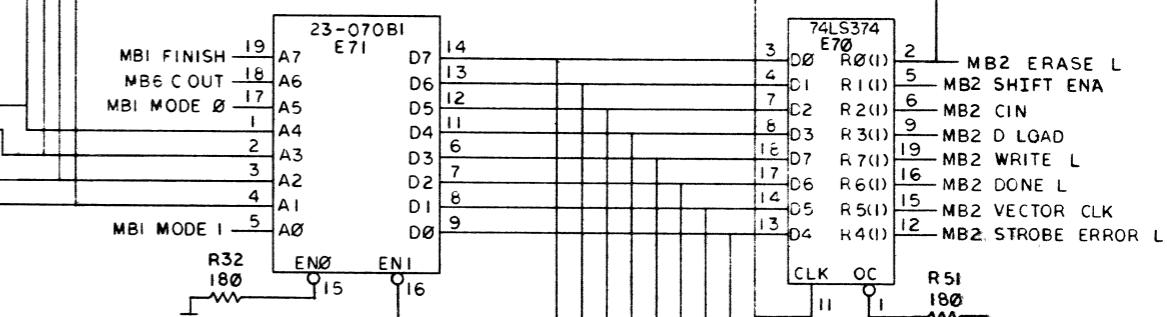
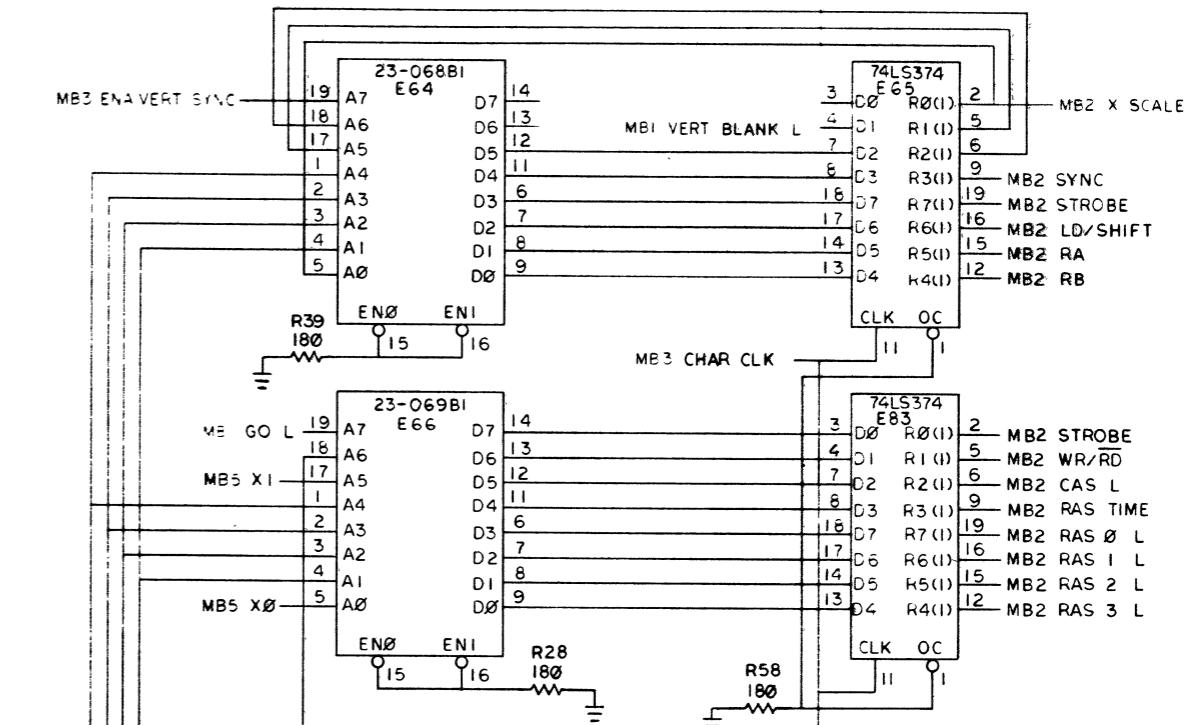
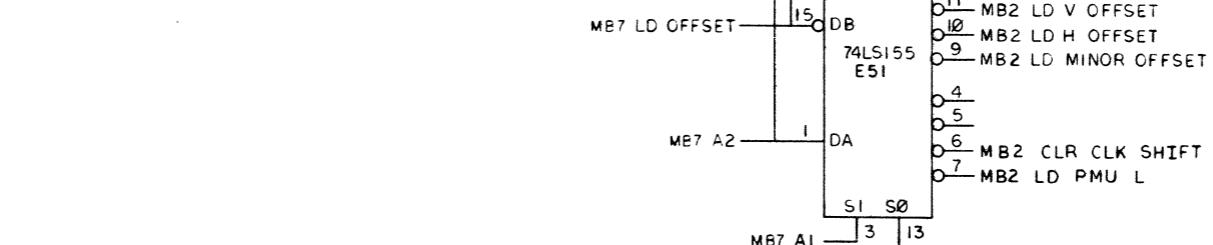
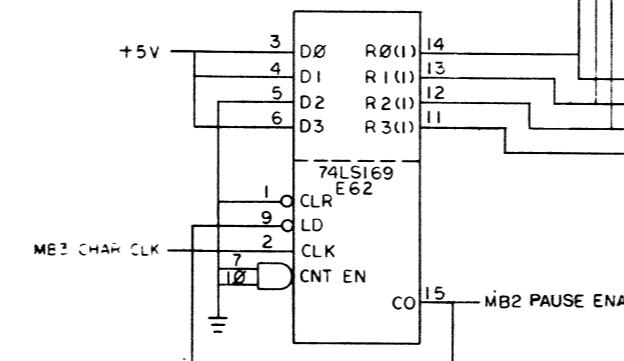
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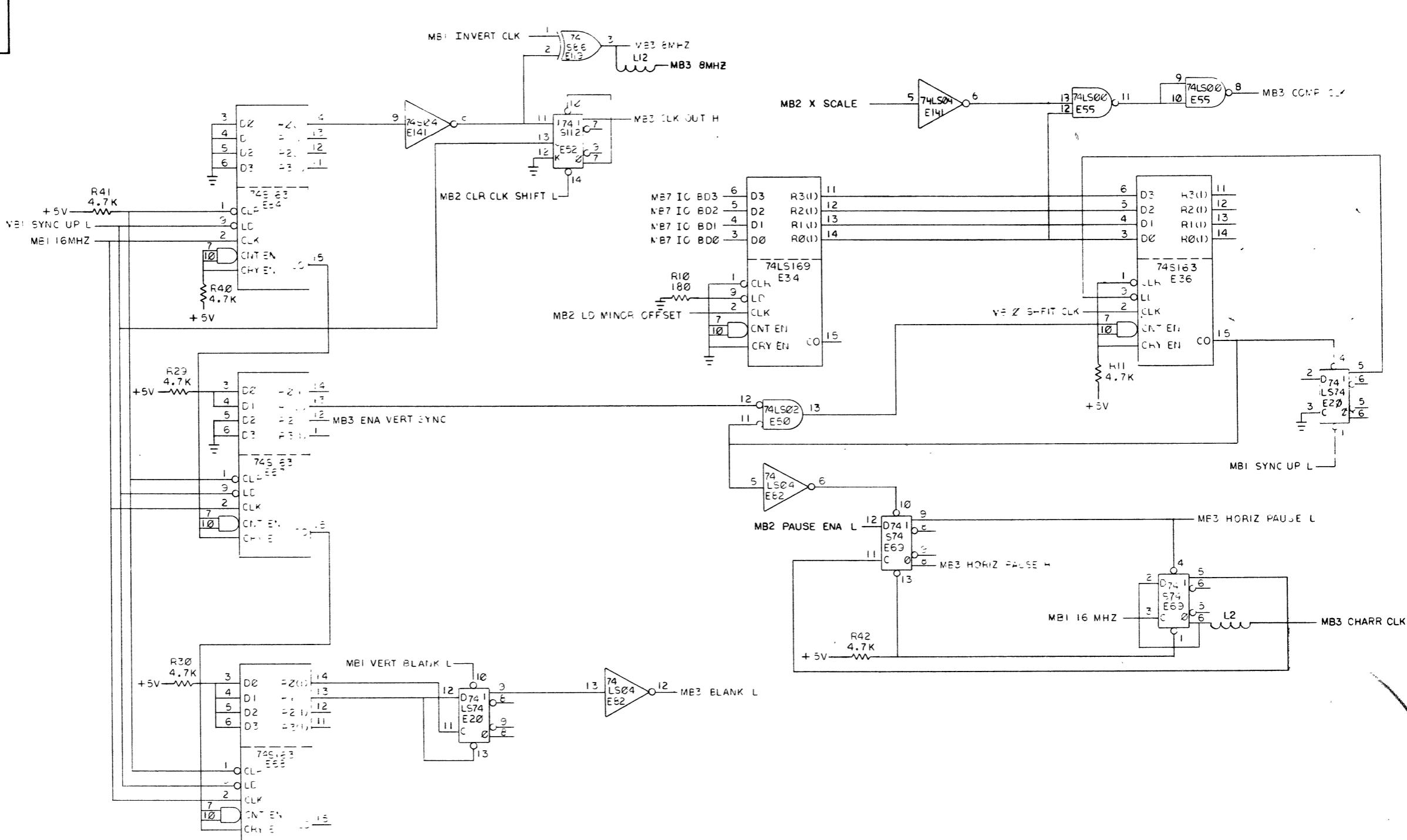
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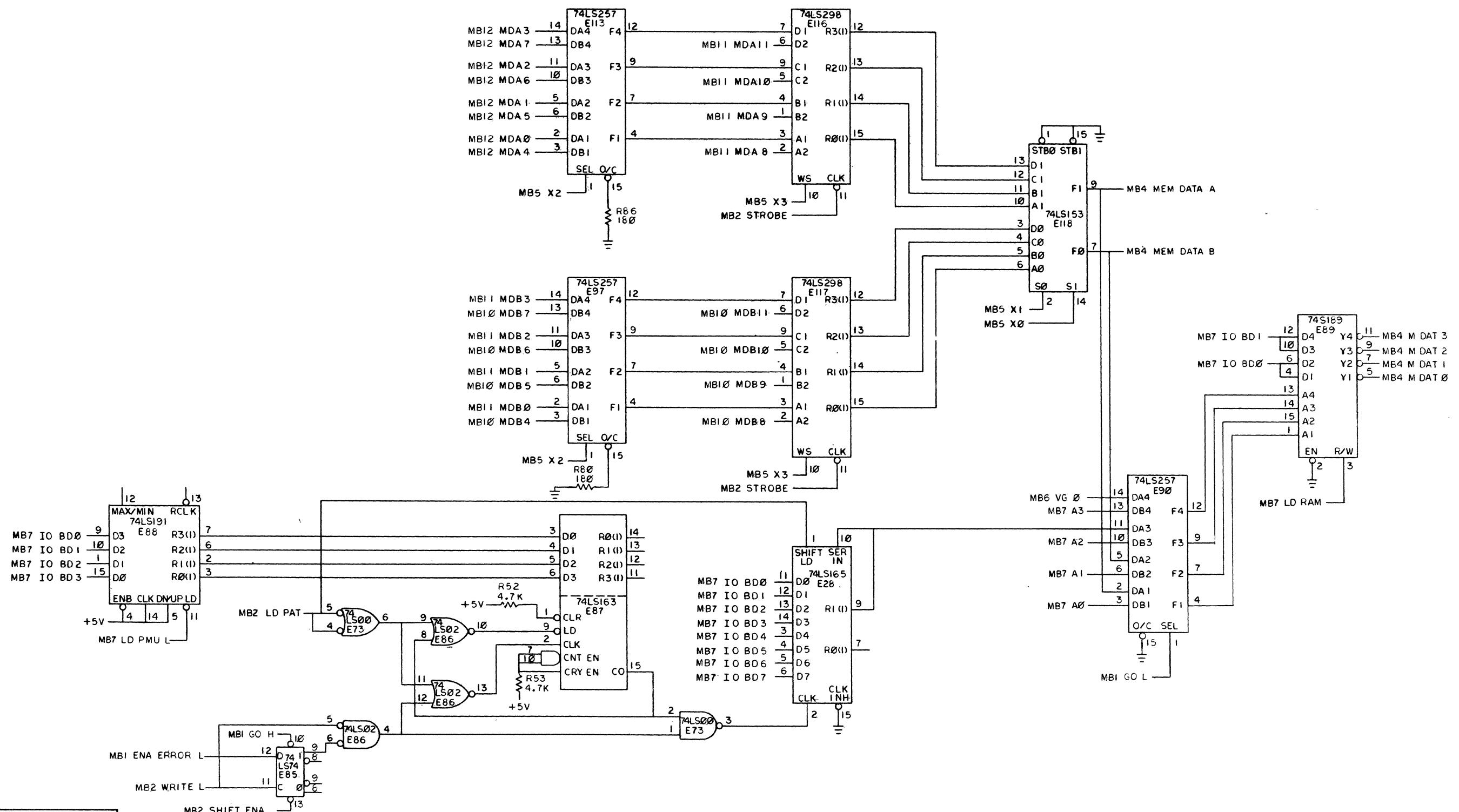




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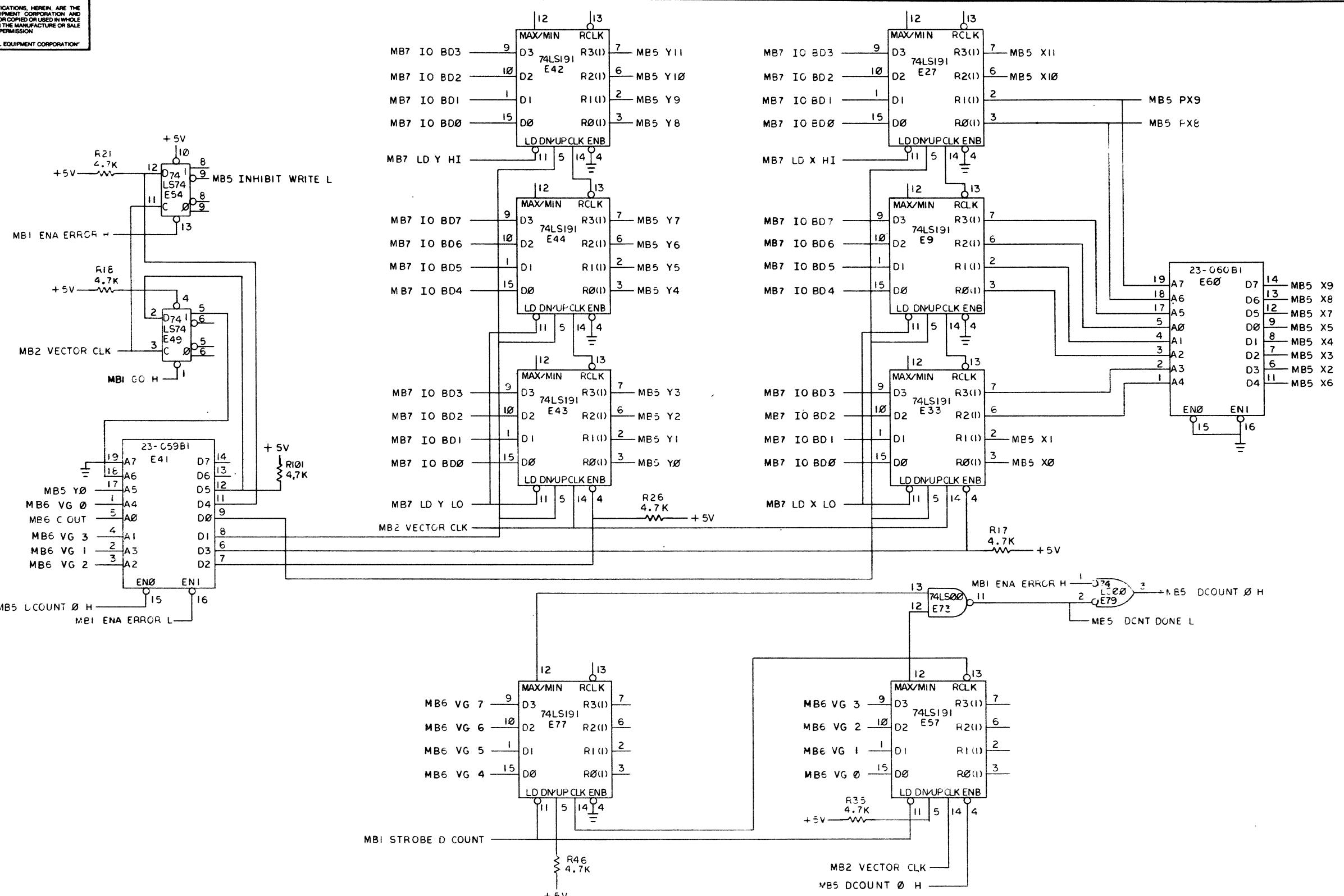


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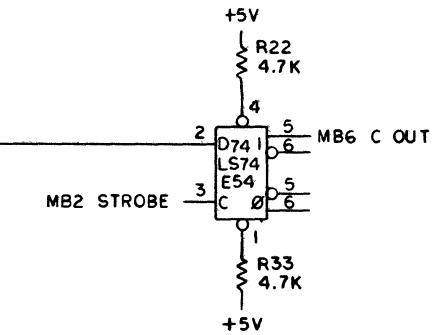
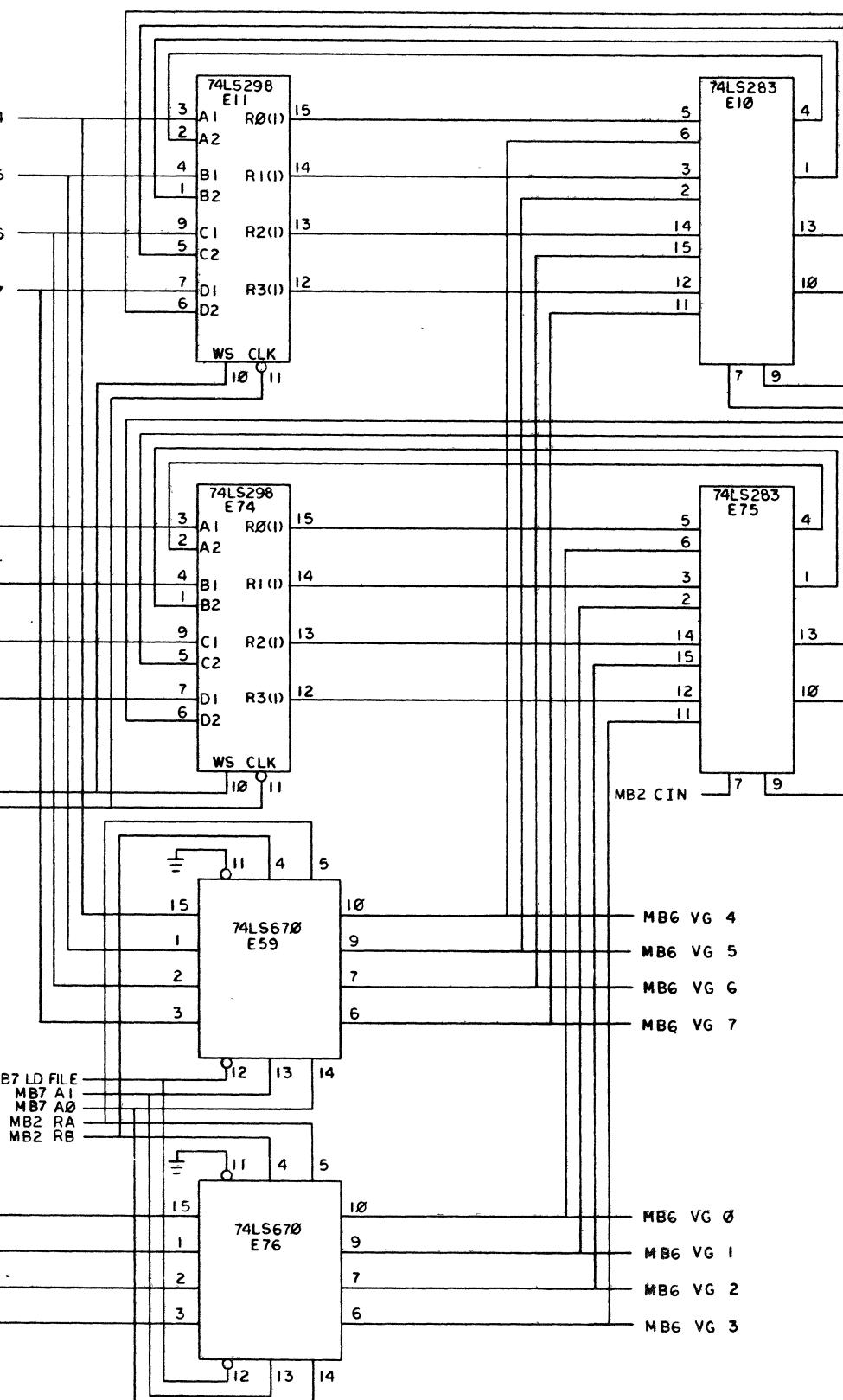
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E VT125
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MB7 IO WR L

STBB STBA

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FB2 11 MB7 LD OFFSET
FB1 10 MB7 OUT COM
FB0 9 MB7 EXEC
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FA2 5
FA1 6 MB7 IN COM
FA0 7 MB7 RD STAT
SI 13
SO 15 CDB

MB7 A7

+5V 1 DA

74LS155 E81 FA3 4

FA2 5

FA1 6 MB7 IN COM

FA0 7 MB7 RD STAT

SI 13

SO 15 CDB

MB7 A4

MB7 A3

74LS138 E40

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D1 14 MB7 LD X HI

D2 13 MB7 LD Y LO

D3 12 MB7 LD Y HI

D4 11 MB7 LD ERROR

D5 10 MB7 LD RAM

D6 9

D7 7 MB7 LD FILE

D8 6

D9 5

D10 4

D11 3

D12 2 SELC

D13 1 SELA

D14 0 SELB

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D16 14 MB7 IO RD H

D17 13 MB7 IO WR L

D18 12 MB7 IO WR H

D19 11 MB7 IO M

D20 10 MB7 IO RD L

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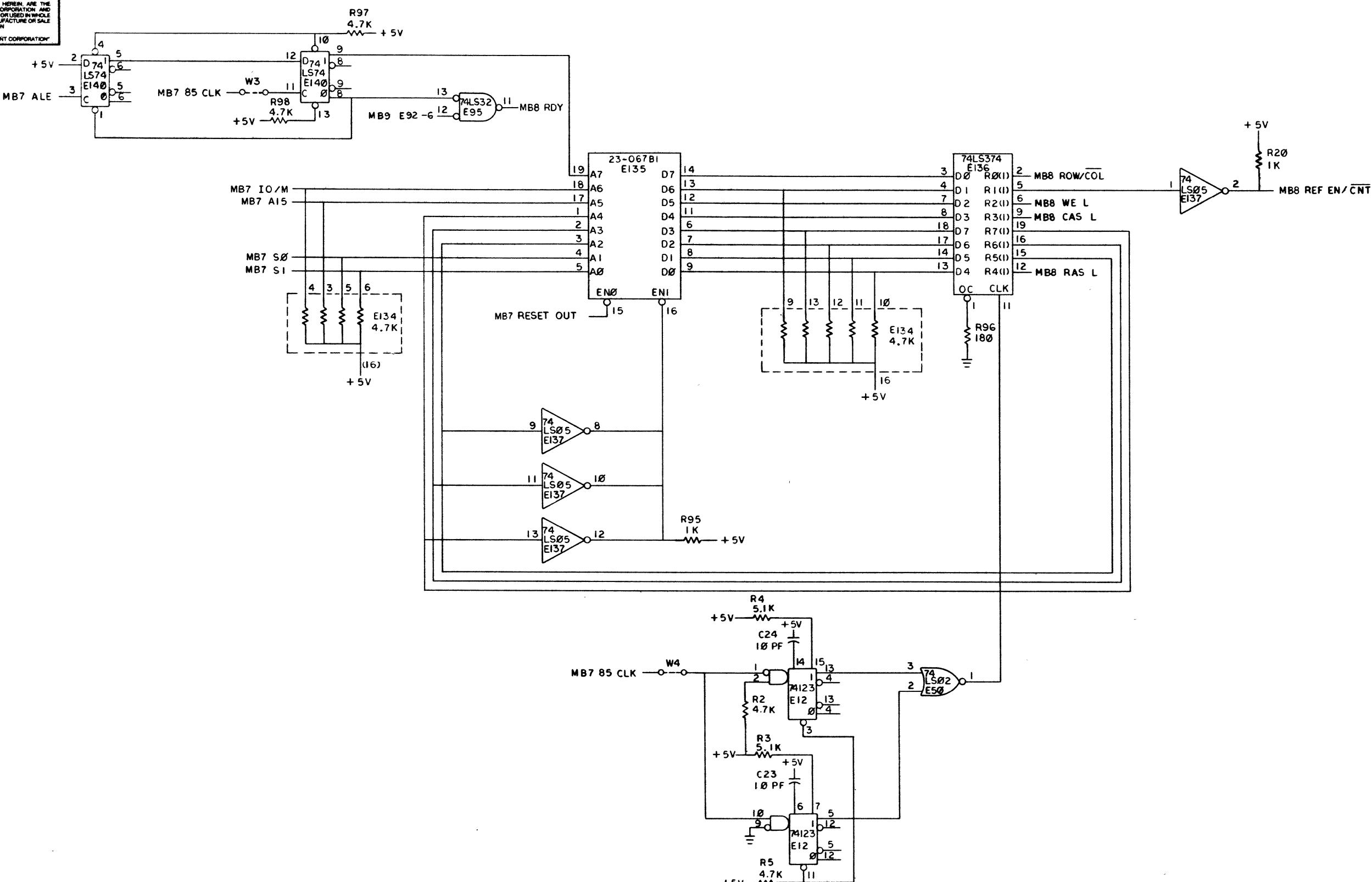
D191 15 MB7 IO RD H

D192 14 MB7 IO WR L

D193 13 MB7 IO WR H

D194 12 MB7 IO M

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REVISION HISTORY		
DATE	ECO NUMBER	REV

DRD138A

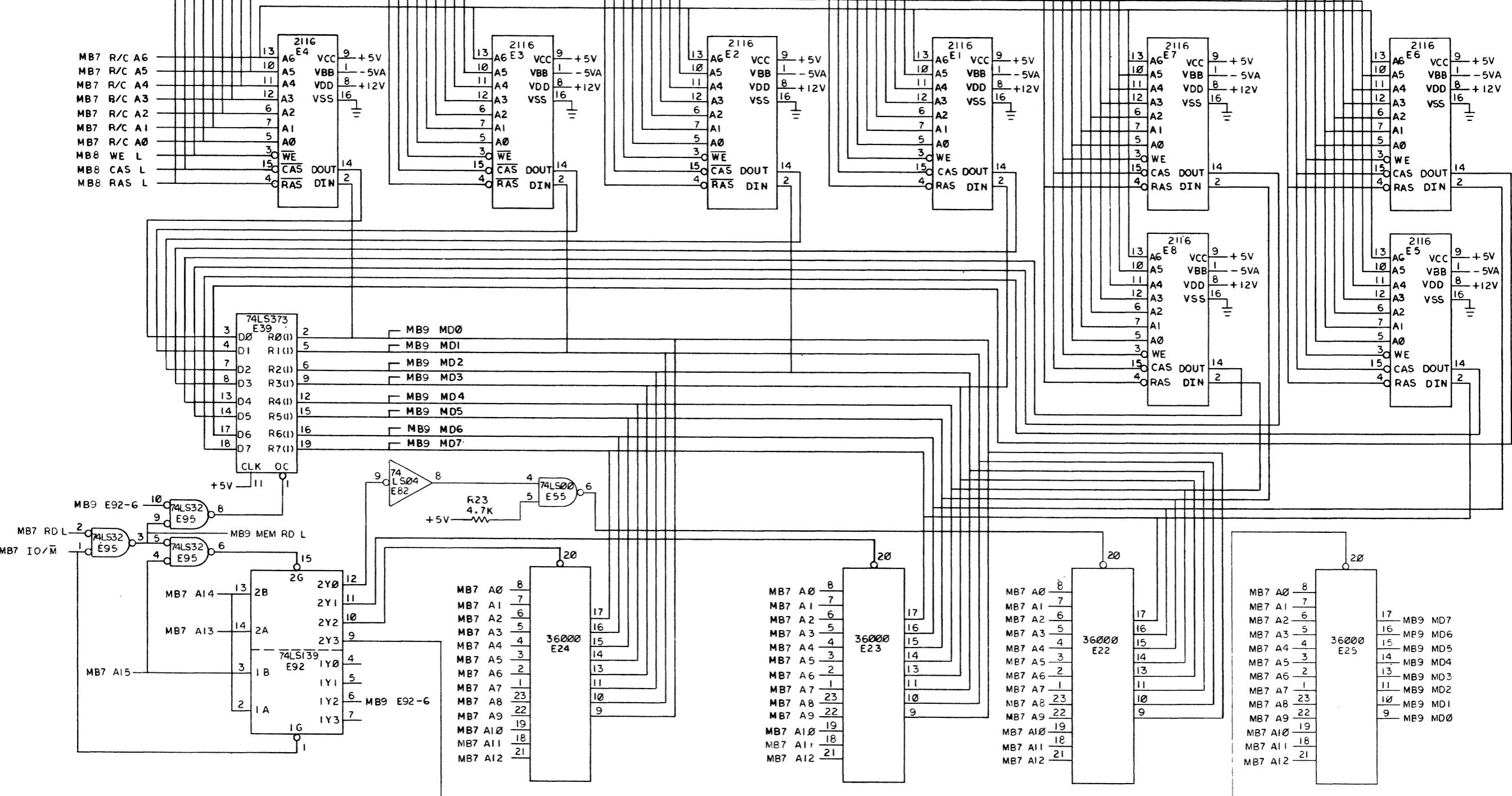
DOCUMENT NUMBER		
SIZE	CODE	NUMBER

DCS5414277-0-1 K

SCALE 1:1 SHEET 8 OF 13

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DCS5414277-0-1



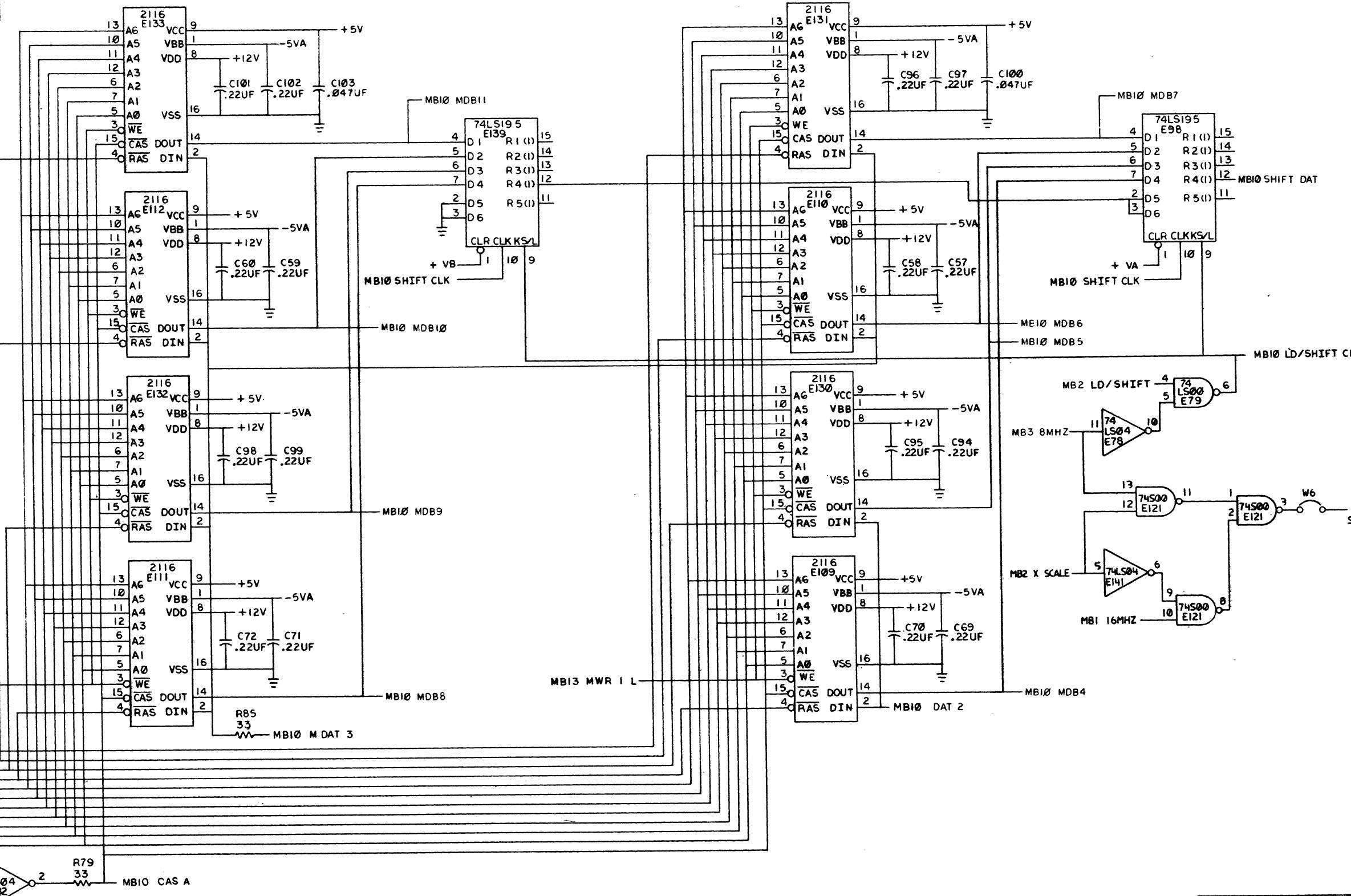
REVISION HISTORY		
DATE	ECO NUMBER	REV.

DOCUMENT NUMBER		
SIZE CODE	NUMBER	REV.

DCS5414277-0-1	K
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SCALE	HEET	OF	13
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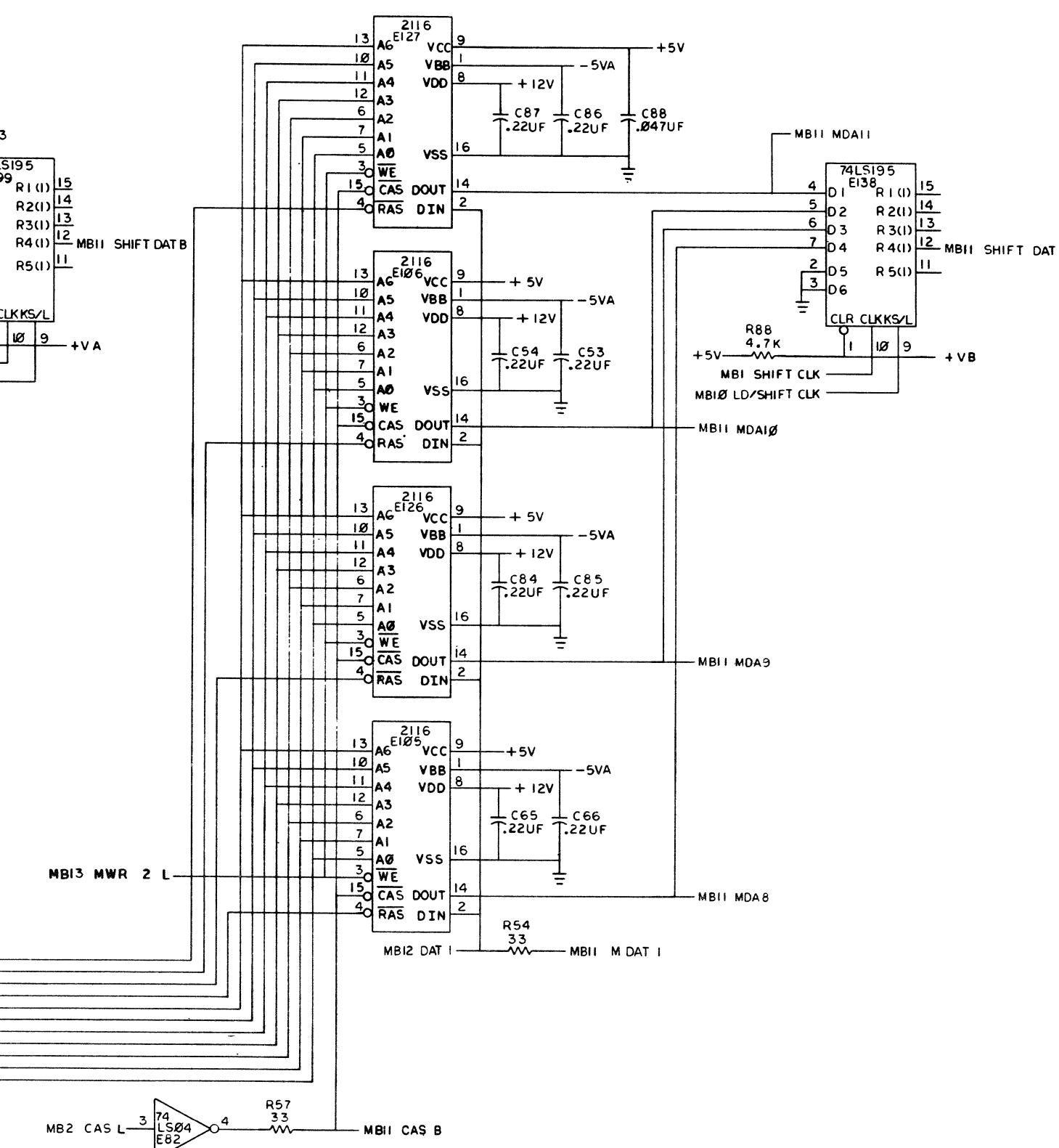
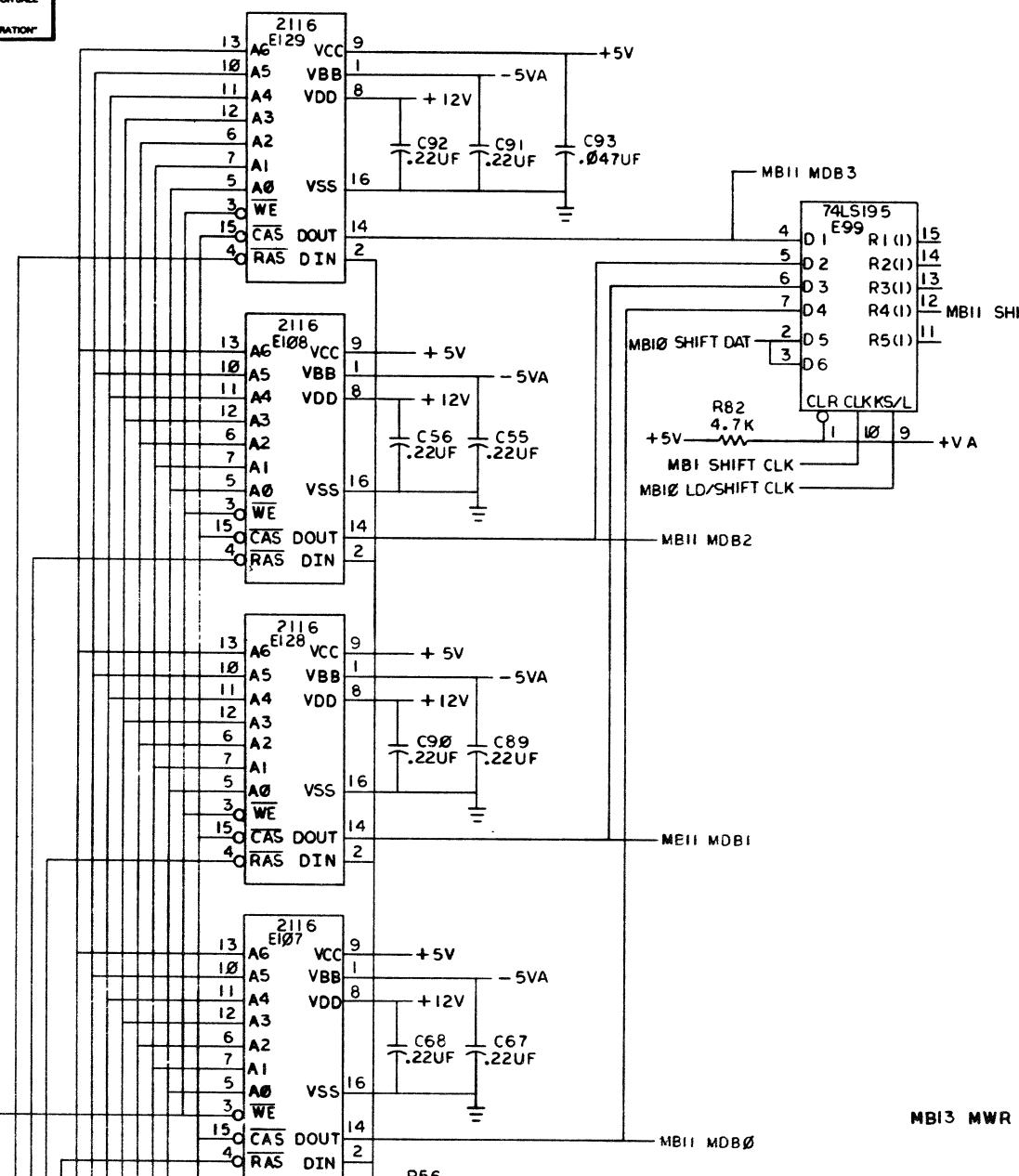
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REVISION HISTORY		
DATE	ECO NUMBER	REV.

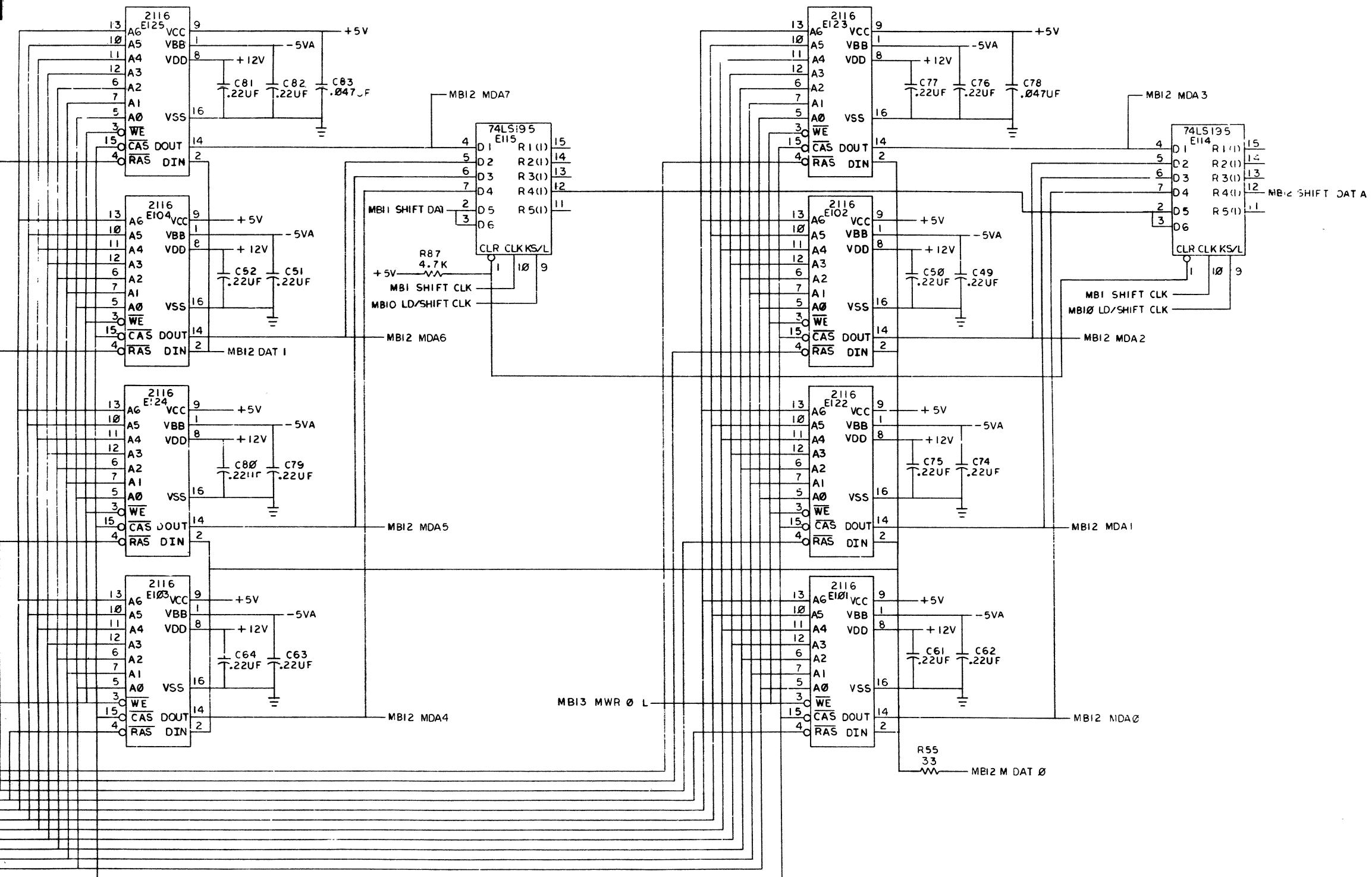
MBI3 RAS 3 L
MBI3 RAS 2 L
MBI3 RAS 1 L
MBI3 RAS 0 L
MBI3 MA 6
MBI3 MA 5
MBI3 MA 4
MBI3 MA 3
MBI3 MA 2
MBI3 MA 1
MBI3 MA 0
MBI0 CAS A

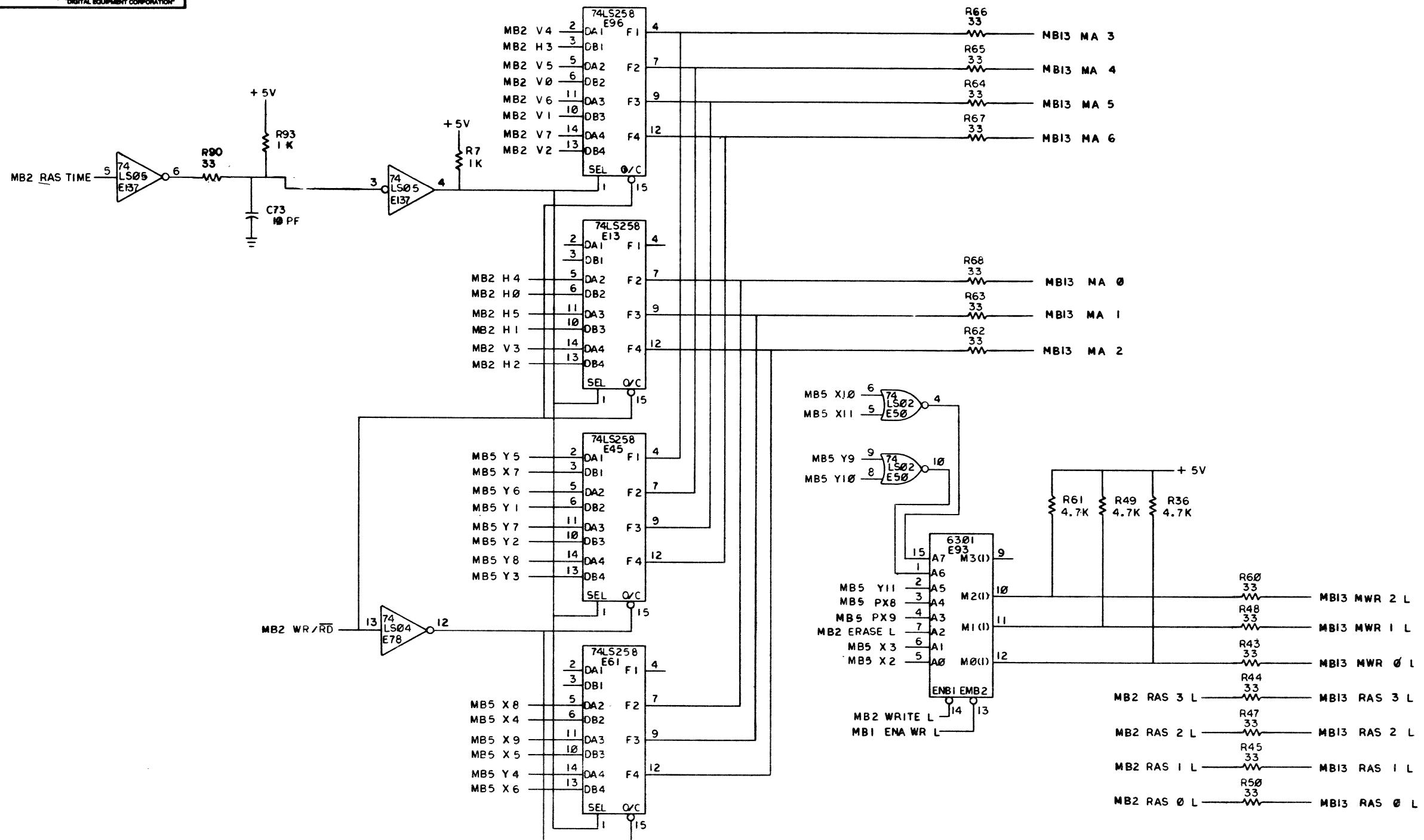


VT125
MONO BOARD (MBII)

DOCUMENT NUMBER		
SIZE	CODE	NUMBER
DCS	5414277-0-1	REV. K
SCALE	/	HEET 11 OF 13

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REVISION HISTORY		
DATE	ECO NUMBER	REV.

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR	
				00		
1	1	E-MD-5014276-0-0	5014276-00 1012784-00	DRILL&ETCH BRD .047 MFD 50V +80-20% CER	1 42	C7-C10,C21,C22,C25-C48,C78,C83, C88,C93,C100,C103-C109
2	2					
3	3		1G10274-01	.22 MFD 50V +80-20% ZSU CER	64	C49-C72,C74-C77,C79-C82,C84-C87, C89-C92,C94-C99,C101,C102,C1-C6, C11-C20
4	4					
5	5		1001776-00	1 MFD 35V 10% S.TANT	1	C112
6	6		1005306-00	6.8MFD 35V 10% S.TANT	2	C110,C111
7	7		1013466-01	10.0 MMF 50V 5% CER	3	C23,C24,C73
8	8		1110994-00	1N 751A VZ= 5.1 5% .40W	1	D1
9	9		1100114-00	D 664 QS\75PCB PIV= 25V SP	1	D3
10	10		1215006-02	SKT, IC 16PIN DIP TIN PLATE	1	J2
11	11		1215006-06	SKT, IC 24PIN DIP TIN PLATE	5	J1,XE22-XE25
12	12		1301401-00	750.0 .25 W 5.0 % CC	3	R72,R74,R69
13	13		1300447-00	4.70 K .25 W 5.0 % CC	38	R2,R5,R8,R11-R14,R17-R19, R21-R26,R29-R31,R33-R35,R37, R40-R42,R46,R52,R53,R59,R87,R88, R97,R98,R81,R82,R104,R9
14	14		1300271-00	220.0 .25 W 5.0 % CC	1	R1
15	15		1300197-00	33.0 .25 W 5.0 % CC	22	R43-R45,R47,R48,R50,R54-R57,R60, R62-R68,R79,R85,R90,R102
16	16		1300365-00	1.0 K .25 W 5.0 % CC	9	R7,R20,R38,R78,R95,R36,R49,R61, R93
17	17		1301322-00	180.0 .25 W 5.0 % CC	12	R6,R10,R15,R16,R28,R32,R39,R51, R58,R80,R86,R96
18	19		1312930-00	5.10 K .25 W 5.0 % CC	2	R3,R4
19	20		1312992-00	560.0 K .25 W 5.0 % CC	1	R2?
20	21		1311522-00	200.0 .25 W 5.0 % CC	3	R75,R84,R89
21	22		1300229-00	100.0 .25 W 5.0 % CC	3	R76,R83,R91
22	23		1302379-00	75.0 .25 W 5.0 % CC	3	R77,R92,R94

REVISION HISTORY : BASIC PART NO: 5414277

ENG!	ECO NUMBER	REV	SECTION A OF A	DRN:	RITA BUREAU	DATE: 12-DEC-80	D	I	G	I	T	A	L
				CHK'D:	JOHN LEPKOWSKI	DATE: 25-JUL-80	TITLE				PARTS LIST		
--	INITIAL	A	SECTION VARIATION INDEX	CHK'D:	JOHN LEPKOWSKI	DATE: 25-JUL-80							
RQ	5414277-ML001	B	[A] 00	DES.ENG:	ROBERT QUINN	DATE: 12-DEC-80	VT125 MONO BOARD						
RQ	5414277-ML002	C	[B]										
RQ	5414277-ML003	D	[C]										
BE	5414277-ML004	E	[D]										
BE	5414277-ML005	F	[E]										
LG	5414277-ML006	H	[F]										
LG	5414277-ML007	J	[H]										
LG	5414277-ML008	K	[J]										
LG	5414277-ML010	L	[K]										
			[L]										
			[M]										
			[N]										
				MFG.ENG.:	AL JOHNS	DATE: 12-DEC-80	K	PL	5414277-0-DBP				L
				ASSEMBLY NUMBER:	E-UA-5414277-0-0	TOP DOCUMENT NUMBER:				FILE NAME:			EDIT #
													44

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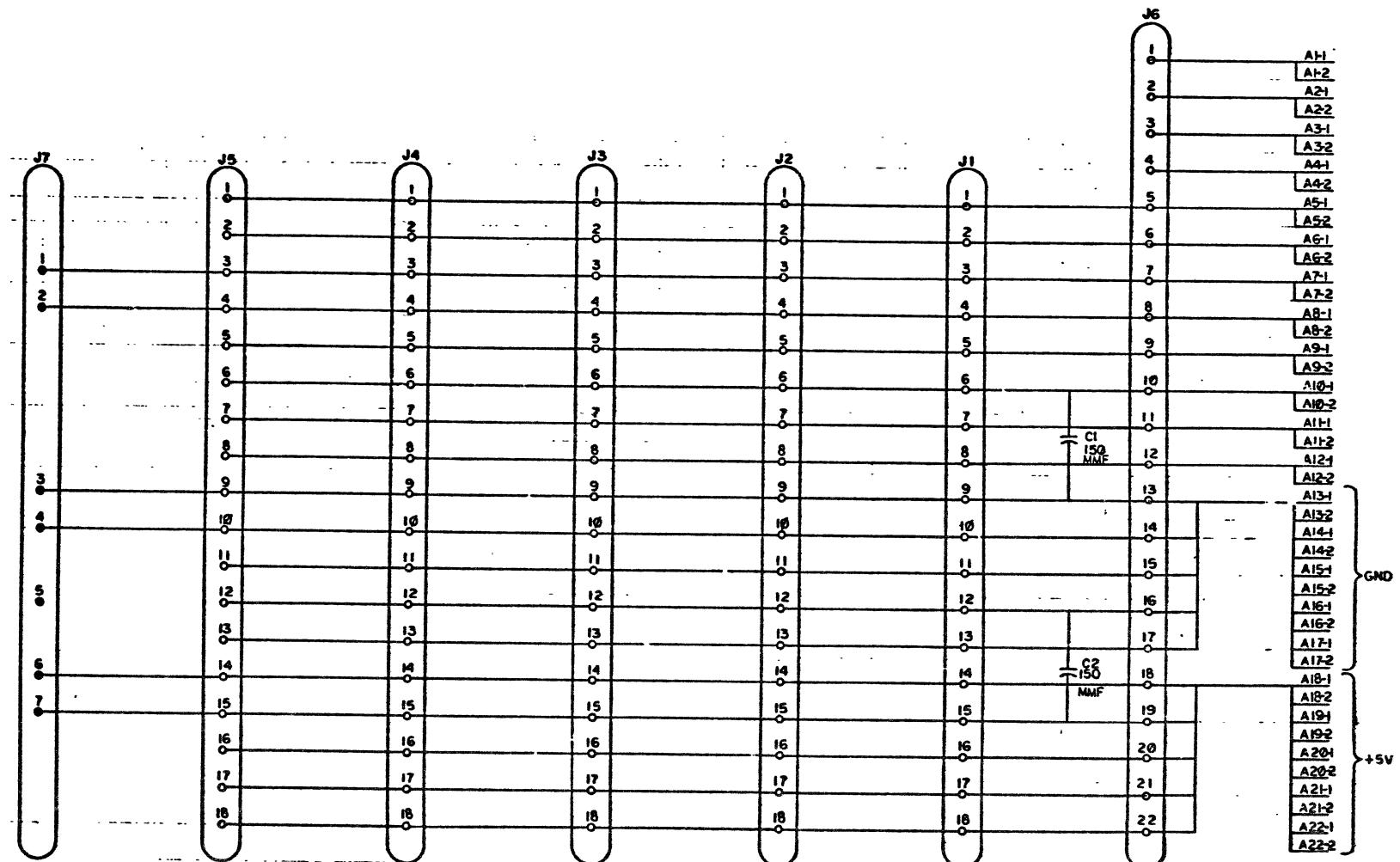
LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
				00		
22	24	1300391-00	1.50 K 25 W 5.0 % CC	3		R70, R71, R73
23	25	1300005-07	R NETWORK 15-4.7K 5.0 % 16PIN	3		E72, E134
24	27	1501913-00	2N 2904A PNP 600MW SI 60 40 Y	3		Q2, Q3, Q4
25	28	1912799-00	LS00 NAND-GATE-QUAD 2IN, P	3		E55, E73, E79
26	29	1912867-00	LS298 MUX 1 OF 4, 2IN W/S	3		E11, E74, E116, E117
27	30	1912647-00	LS257 MUX 1 OF 2 (QUAD)	3		E90, E97, E113
28	31	1912801-00	LS02 NOR-GATE-QUAD 2IN	3		E50, E86
29	32	1914082-00	74S163 COUNTER, SYNCH UP/DOW	3		E36, E67, E68, E84, E87, E91, E94, E19
30	33	1912845-00	LS153 MUX 1 OF 4 (DUAL)	1		E118
31	34	1912855-00	LS195 SHIFT REG. 4BIT PARA	6		E98, E99, E114, E115, E138, E139
32	35	1913939-00	LS191 COUNTER, SYNCHR. UP/D	13		E9, E14, E15, E27, E33, E42-E44, E48, E57, E77, E80, E88
					CONT	
33	36	1912656-00	LS670 REGISTER FILE, 4X4, LO	4		E46, E58, E59, E76
34	37	1912865-00	LS283 ADDER-4BIT BINARY FU	4		E10, E75
35	38	1912824-00	LS74 FF-D DUAL, EDGE TRIGG	4		E20, E37, E38, E49, E54, E56, E85, E140
36	39	1912829-00	LS86 X-OR GATE-QUAD 2IN	4		E53
37	40	1912803-00	LS04 INVERTER GATE, HEX	4		E78, E82, E141
38	41	1912859-00	LS258 MUX 1 OF 2 (DUAL)	4		E13, E45, E61, E96
39	42	1912804-00	LS05 INVERTER GATE-HEX II	4		E137
40	43	1912846-00	LS155 DECODER, 2 OF 4(DUAL)	4		E51, E81
41	44	1912842-00	LS138 DECODER-THREE INPUT	4		E40
42	45	1912837-00	LS123 ONE SHOT-DUAL, RETRIG	4		E12
43	46	1913839-00	LS165 SHIFT REG. 8BIT	4		E28
44	47	1912816-00	LS32 OR GATE-QUAD 2IN, POS	4		E95
45	48	1910545-00	74S112 FF-JK DUAL, EDGE TRIG	4		E52
46	49	1915218-00	LS245 TRANSCEIVER, BUS OCT	4		E29, E30
47	50	1915193-00	LS244 DRIVER, LINE OCTAL, T	4		E32, E35
48	51	1912843-00	LS139 DECODER, 2 OF 4(DUAL)	4		E92
49	52	1915219-00	LS373 FF-D OCTAL-TRANSPARE	4		E26, E39
50	53	1914214-00	LS374 FF-D OCTAL EDGE TRIG	4		E31, E47, E65, E70, E83, E136
51	54	1909928-00	7416 INVERTER GATE-HEX II	4		E100
52	55	1912851-00	D LS169 COUNTER, SYNCH. UP/DO	2		E34, E62
53	56	1914750-00	3242 MUX, ADDRESS & COUNT	1		E21
54	57	1912661-00	D 74S189 MEMORY READ/WRITE	1		E89
55	58	2113825-01	16K MOS RAM 200NS 1	32		E1-E8, E101-E112, E122-E133
56	59	23582A2-00	A2-05	1		E93
57	60	9009185-00	JUMPER, WIRE, INSULATED, BLACK B	6		W1-W6
58	61	2114963-00	UP, 8-BIT NMOS	1		E63
59	62	23043E4-00	E4-01, E4-03	1		E22
60	63	23044E4-00	E4-01, E4-03	1		E23
61	64	23045E4-00	E4-01, E4-03	1		E24
62	65	2305981-00	B1-01	1		E41
63	66	2306081-00	B1-01	1		E60
64	67	2306781-00	B1-01	1		E135
65	68	2306881-00	B1-01	1		E64
66	69	2306981-00	B1-01	1		E66
67	70	2307081-00	B1-01	1		E71
68	71	1910532-00	74S00 NAND GATE-QUAD 2IN	2		E17, E121

D	I	G	I	T	A	L	TITLE	VT125 MONO BOARD	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5414277-0-DBP	L

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
				00		
69	74	1910544-00	74S74 FF-D DUAL, EDGE TRIGG	2		E69,E16
70	76	9006557-00	NUT, KEP 4-40X 1/4 AF	2		
71	77	7017531-00	BRKT, BNC ASSY	1		
72	78	1215006-08	SKT, IC 40PIN DIP TIN PLATE	1		XE63
73	79	1912095-00	DEC 74S86 XOR GATE QUAD 2IN	1		E119
74	80	1913671-00	74S374 FF-D OCTAL TRISTATE	1		E120
75	81	1618238-02	BEAD, FERRITE .1380DX.330LG	6		L2,L5,L6,L8,L12,L10
76	82	9009189-00	TERM, TAB .250TAB .130STUD MN	1		
77	83	1614402-00	BEAD, SHIELDING, FERRITE	3		
78	84	9008416-00	WASHER, PLASTIC, .193 ID X .390 OD	22		
79	85	9006011-01	SCREW, PAN, PHIL 4-40X 3/8 SS	2		
80	86	9105740-55	*** THIS ITEM IS NOT USED ***	-		
81	87	9007201-00	TRANSIPADS #10253	3		
82	88	1002424-00	1200.0 MMF 100V 5%200PPM MICA	1		C113
83	89	1300247-00	120.0 .25 W 5.0 % CC	1		R103
84	90	9107256-11	*** THIS ITEM IS NOT USED ***	-		
85	91	1002087-00	12.0 MMF 100V 5%200PPM MICA	1		C114
86	92	1619677-01	DELAY= 20NS ACTIVE TTL PACKAGING INSTRUCTIONS	1		E18
87	93	A-SP-3700625-0-0				

D	I	G	I	T	A	L	TITLE	VT125 MONO BOARD	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
									K	PL	5414277-0-DBP	L	

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GECI 10/15/78"



DRAWING NO.		REV.
CHG.	CHG. NO.	
1	5413384-0-1	B
2	SAL002	B
3	PLT/THAN	B
4	PLT/THAN	B
5	SAL003	C
6	PLT/THAN	C
7	FRED DOLL	C
8	LIA WILSON	C

DRW/Mech Gens	5-31-78	FIRST USED ON	VT100	digital
CHK/Pkg	1-8-79	TITLE	VT100	
ENG/Pkg	1-22-77	EXPANSION		
PROL ENG/Pkg	1-22-79	BACKPLANE		
PROD/Soldier	1-23-77			
REPT HIGHER ASSY.				
3-D-5413384-0		SIZE	D	NUMBER
SCALE		CODE	CS	5413384-0-1
SHEET	1	OF	1	REV.
				C



PARTS LIST

DRN. R. ROBICHAUD
DATE 28/APR/80

DES. ENG. RICH LEITERMANN
DATE 28/SEPT/81

MFG. ENG. R. J. COLBY
29/SEPT/81

CHK'D. D. HEALY
DATE 28/SEPT/81

RESP. ENG. BOB QUINN
DATE 28/SEPT/81

NEXT HIGHER DOC.
B-DD-VT125-0

NOTES: 1. VARIATIONS BA, BB, CA, CB, DA, DB
ARE SHIPPING CONFIGURATIONS ONLY, AND ARE
PACKAGED AT BOTH THE WAREHOUSE AND FA&T
SYSTEMS PLANTS.

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY / VARIATION										REFERENCE DESIGNATORS	
				VT125-AA	VT125-AB	VT125-CF	VT125-CH	VT125-CJ	VT125-CK	VT125-BA	VT125-BB	VT125-CA	VT125-CB	VT125-DA	
1.	C-AD-7018906-0-DBU	EK-VT125-UG	USERS GUIDE VT125	1	1	1	1	1	1	-	-	-	-	-	
2.		3618307-05	FCC CLASS A USER STATEMENT	1	1	1	1	1	1	-	-	-	-	-	
3.		EK-VT125-RC	PROGRAMMING REF CARD	1	1	1	1	1	1	-	-	-	-	-	
4.		3619053-01	SETUP LABEL	1	1	1	1	1	1	-	-	-	-	-	
5.		9906557-27	BAG, ZIP LOCK	1	1	1	1	1	1	-	-	-	-	-	
6.		9000732-00	TIE WRAP	1	1	1	1	1	1	-	-	-	-	-	
7.		VT125-AA	GRAPHICS TERMINAL	1	-	1	1	-	-	4	-	8	-	16	
8.		VT125-AB	GRAPHICS TERMINAL	-	1	-	-	1	1	-	4	-	8	-	16
9.		QE118-AY	11/780 RGL	-	-	1	-	1	-	-	-	-	-	-	
10.		QD118-AG	11/750 RGL	-	-	-	1	-	1	-	-	-	-	-	
11.		1215336-00	CONN, TEST, W/BALL CHAIN	1	1	1	1	1	1	-	-	-	-	-	
12.		7018906-00	ASSY EMI FILTER	1	1	1	1	1	1	-	-	-	-	-	

ECO NO.
VT125-1
ML001
ML003

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TITLE

VT125 SHIPPING LIST

ASSY. NO.

NONE

SIZE

B

CODE

PL

NUMBER

VT125-0

REV.

C

SECTION 1 OF 1

SHEET 1 OF 1

ML3

FIELD MAINTENANCE PRINT SET

TABLE OF CONTENTS

B-TC-VT100-0-1
E-UA-VT100-0-0
C-PL-VT100-0-0
E-UA-5413009-0-0
K-PL-5413009-0-DBP
D-CS-5413009-0-1
E-UA-5412996-0-0
K-PL-5412996-0-DBP
D-CS-5412996-0-1
D-AD-7014979-0-0
E-UA-5413404-0-0
K-PL-5413404-0-DBP
D-CS-5413404-0-1
D-AD-7015765-0-0
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D-AR-7015765-0-1
D-IA-7014978-0-0
D-CS-3014590-0-1
E-UA-VT1XX-AA-0
E-UA-5413206-0-0
K-PL-5413206-0-DRP
D-CS-5413206-0-1
D-IA-7015273-0-0
C-IA-7015506-0-0
C-UA-BC05P-0-0
E-UA-5413097-0-0
K-PL-5413097-0-DBP
D-CS-5413097-0-1
A-PL-VT100-0
A-SP-VT100-W-0
D-UA-5414131-0-0
K-PL-5414131-0-DBP
D-CS-5414131-0-1

VT100 UNIT ASSY. (TC)
VT100 UNIT ASSY.
VT100 UNIT ASSY. (PL)
BASIC VIDEO BOARD
BASIC VIDEO BOARD (PL)
BASIC VIDEO BOARD (CS)
H7831 POWER SUPPLY BOARD
H7831 POWER SUPPLY BOARD (PL)
H7831 POWER SUPPLY BOARD (CS)
POWER SUPPLY ASSY.
KEYBOARD ASSY.
KEYBOARD ASSY. (PL)
KEYBOARD ASSY. (CS)
KEYBOARD/KEYCAP ASSY.
KEYBOARD/KEYCAP ASSY. (PL)
KEYCAP ARRANGEMENT (MAIN ARRAY & NUMERIC)
POWER CABLE ASSY.
CRT MONITOR (CS) (FOR PS-3014590-0-0)
20 MA CURRENT LOOP OPTION
20 MA CURRENT LOOP
20 MA CURRENT LOOP (PL)
20MA CURRENT LOOP (CS)
20 MA ADAPTER ASSY.
CABLE, INTERNAL
CABLE INTERFACE BC05P
ADVANCED VIDEO BOARD
ADVANCED VIDEO BOARD (PL)
ADVANCED VIDEO BOARD (CS)
SHIPPING LIST VT100
WORD PROCESSING TERMINAL INSTALLATION NOTE
VT100 MONITOR
VT100 MONITOR
VT100 MONITOR

**UNIT VARIATIONS
COVERED BY THIS
PRINT SET**

VT100-AA
VT100-AB
VT100-NA
VT100-NB
VT100-WA
VT100-WB
VT100-WC
VT100-WD
VT100-WE
VT100-WF
VT100-WG
VT100-WH
VT100-WJ
VT100-WK
VT100-WY
VT100-WZ
VT100-LA
VT100-LB
VT100-PA
VT100-PB
VT100-PC
VT100-PD
VT100-PE
VT100-PF
VT100-BA
VT100-BB
VT100-CA
VT100-CB
VT100-DA
VT100-DB

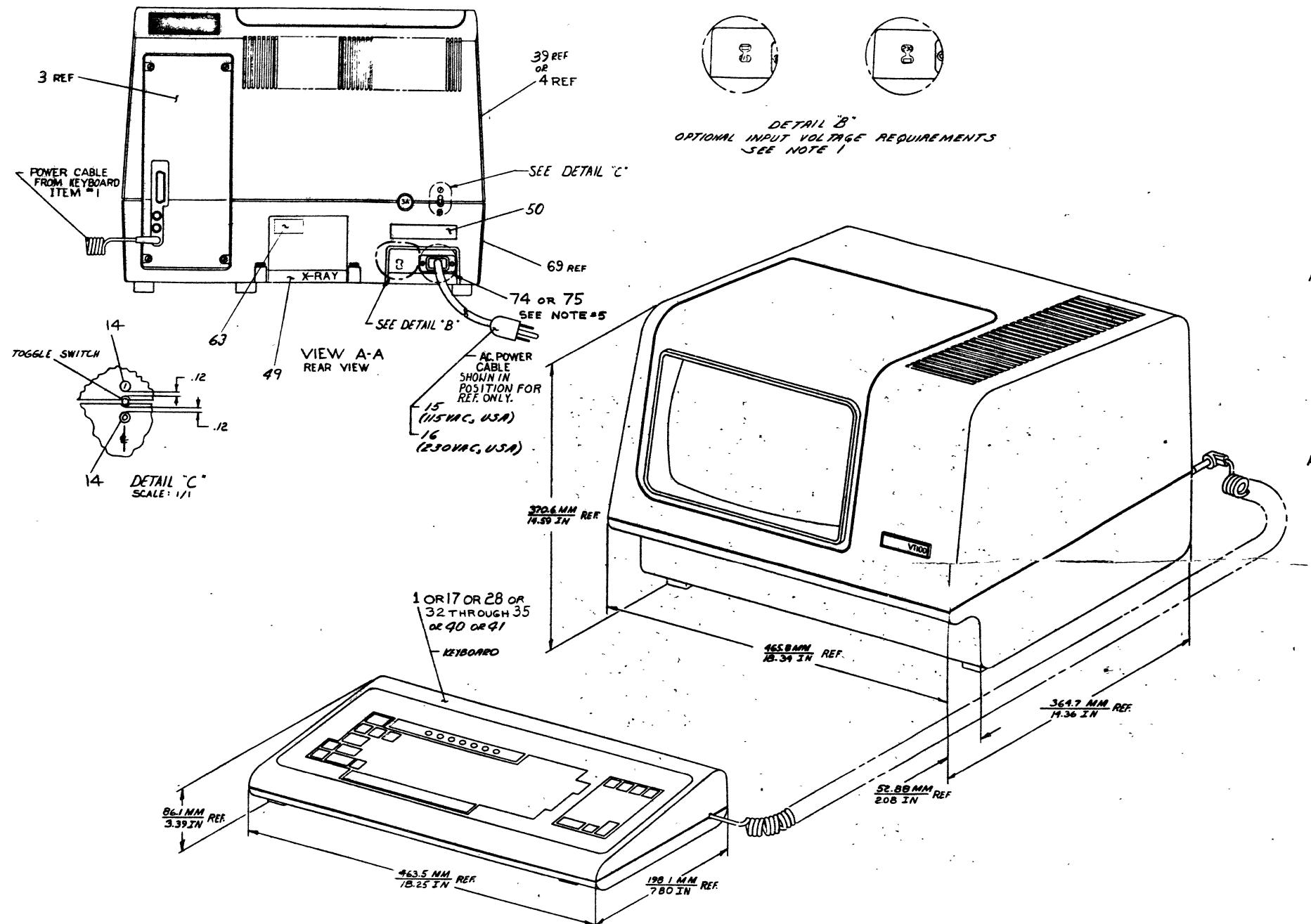
VTIØØ-Ø

Field Maintenance Print Set

Digital Equipment Corporation

PRINT SET ORDER NO.
MP00633

NOTE: FOR LEGEND & LABEL INFORMATION
REFER TO SHEET "2".



NOTE:
1. ALL VT100 UNIVERSAL TERMINALS ARE SHIPPED SET UP FOR 100-110 VAC, 60HZ OPERATION. TERMINAL IS SWITCH SETTABLE FOR 220-240 VAC, 50/60 HZ OPERATION BY SLIDING ACTUATOR TO POSITION SHOWN IN DETAIL "B".

2. PACKAGING: WHEN SHIPPED, MATERIAL SHALL BE ADEQUATELY PROTECTED FROM HANDLING AND SHIPPING DAMAGE USING DIGITAL PACKAGING INSTRUCTION A-SP-3700324-0-0 OR A-SP-3700520-0-0.

3. TERMINAL IS SUPPLIED WITHOUT INTERFACE CABLES. ORDER INTERFACE CABLES FOR OPTIONS VT100-AA THRU VT100-DC

4. DELETED

5. ITEM #74 OR ITEM #75 IS TO BE INSTALLED AFTER TEST, LOCATED TO OBSCURE VOLTAGE SET-UP SWITCH AND AC POWER INLET.

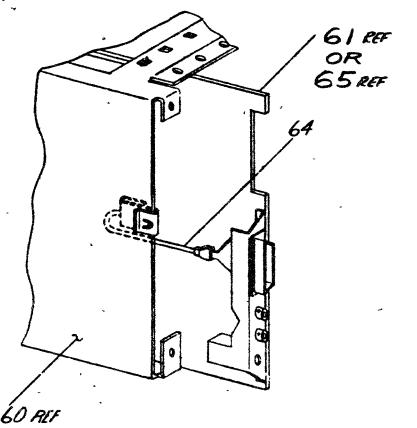
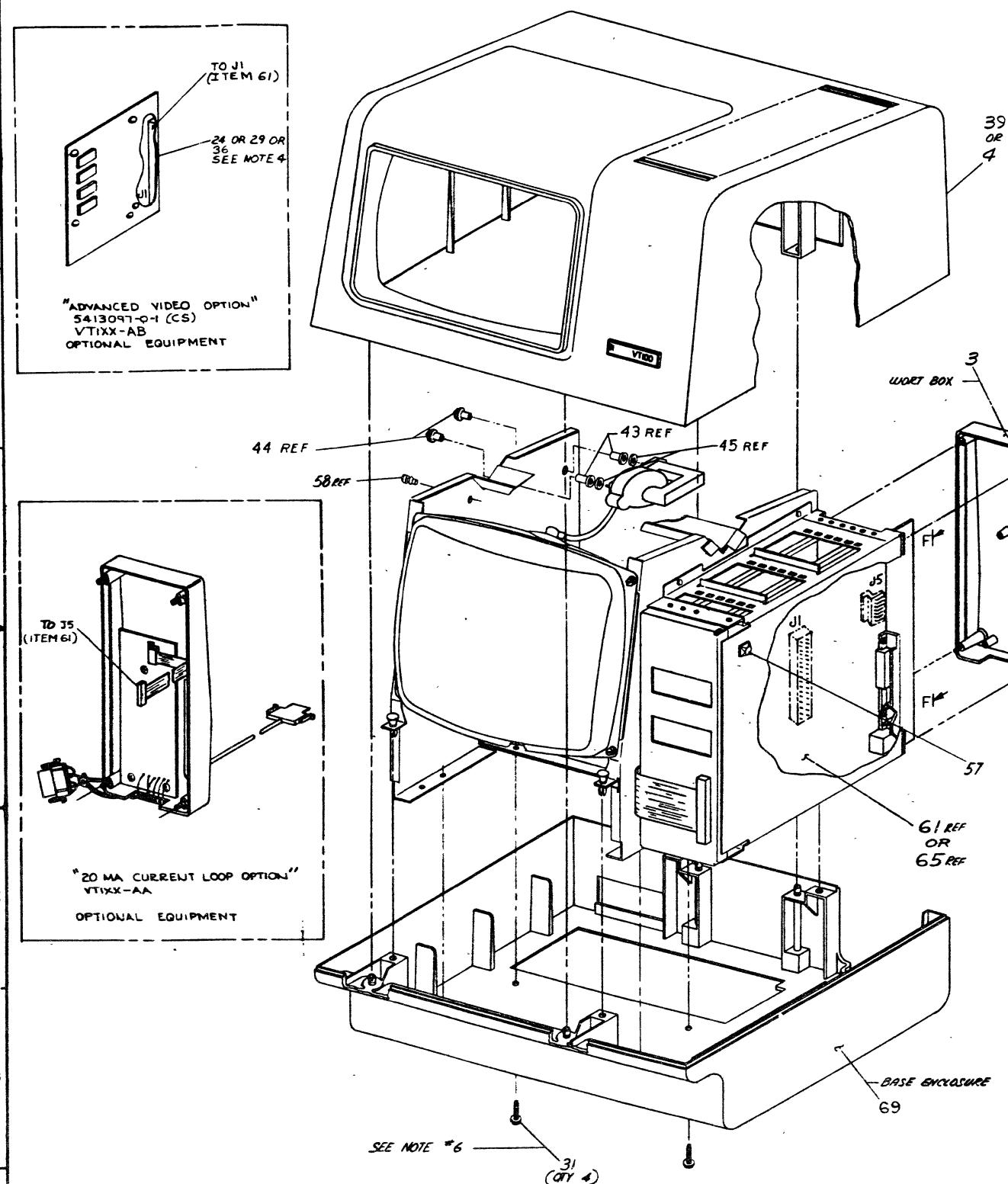
6. SCREWS, ITEM #31 FOR SHIPPING USE ONLY.

7. THE CARD CAGE (7423954-00) MAY BE REPLACED WITH PC. CARD FRAME (7016624-00) OR PC. CARD FRAME (7016624-00) AS A FIELD SERVICE REPLACEMENT USING: SPRING CLIP (9010243-00) QTY 2, PLUMBER (9009964-00) QTY 2, GROMMET (9009966-01) QTY 2, AND CHASSIS GROUNDING CABLE (701412-0F) QTY 1, WHICH IS CONNECTED TO THE CARD FRAME AND CHASSIS TO PROVIDE GROUND CONTINUITY.

CAUTION: OFF SHEET PARTS LIST EXISTS.
SEE K-PL-VT100-0-0 AJ

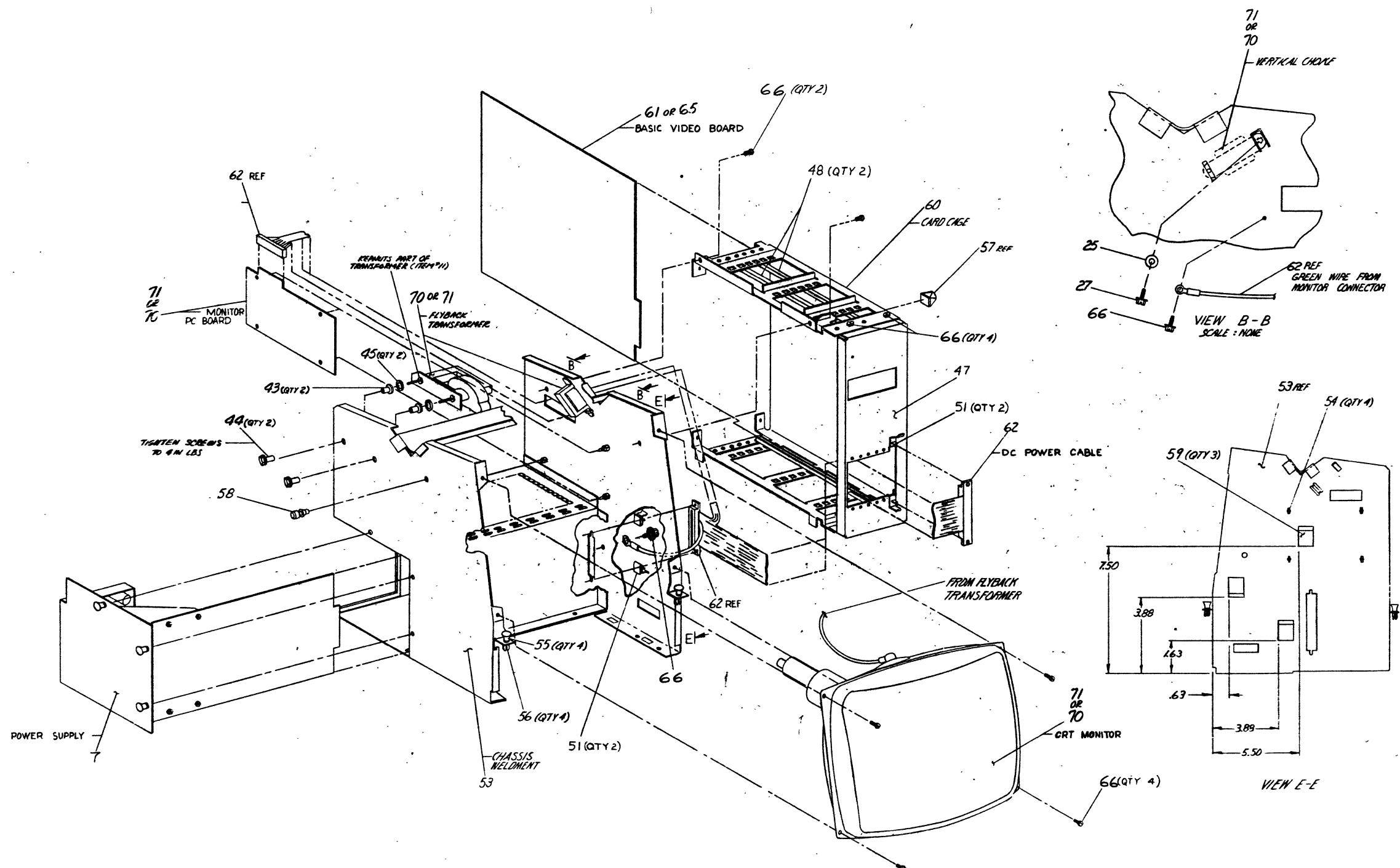
QUANTITY & VARIATION		DESCRIPTION		DISPARTMENT NO.		ITEM NO.	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES					
ITEM NO.	REF ID	NAME	SIZE	ITEM NO.	REF ID	NAME	SIZE
1	1	MAIN UNIT	10.00 X 14.50 X 3.50	2	2	POWER SUPPLY	10.00 X 14.50 X 3.50
3	3	MONITOR	10.00 X 14.50 X 3.50	4	4	KEYBOARD	10.00 X 14.50 X 3.50
5	5	KEYBOARD	10.00 X 14.50 X 3.50	6	6	MONITOR	10.00 X 14.50 X 3.50
7	7	MONITOR	10.00 X 14.50 X 3.50	8	8	KEYBOARD	10.00 X 14.50 X 3.50
9	9	KEYBOARD	10.00 X 14.50 X 3.50	10	10	MONITOR	10.00 X 14.50 X 3.50
11	11	MONITOR	10.00 X 14.50 X 3.50	12	12	KEYBOARD	10.00 X 14.50 X 3.50
13	13	KEYBOARD	10.00 X 14.50 X 3.50	14	14	MONITOR	10.00 X 14.50 X 3.50
15	15	MONITOR	10.00 X 14.50 X 3.50	16	16	KEYBOARD	10.00 X 14.50 X 3.50
17	17	KEYBOARD	10.00 X 14.50 X 3.50	18	18	MONITOR	10.00 X 14.50 X 3.50
19	19	MONITOR	10.00 X 14.50 X 3.50	20	20	KEYBOARD	10.00 X 14.50 X 3.50
21	21	KEYBOARD	10.00 X 14.50 X 3.50	22	22	MONITOR	10.00 X 14.50 X 3.50
23	23	MONITOR	10.00 X 14.50 X 3.50	24	24	KEYBOARD	10.00 X 14.50 X 3.50
25	25	KEYBOARD	10.00 X 14.50 X 3.50	26	26	MONITOR	10.00 X 14.50 X 3.50
27	27	MONITOR	10.00 X 14.50 X 3.50	28	28	KEYBOARD	10.00 X 14.50 X 3.50
29	29	KEYBOARD	10.00 X 14.50 X 3.50	30	30	MONITOR	10.00 X 14.50 X 3.50
31	31	MONITOR	10.00 X 14.50 X 3.50	32	32	KEYBOARD	10.00 X 14.50 X 3.50
33	33	KEYBOARD	10.00 X 14.50 X 3.50	34	34	MONITOR	10.00 X 14.50 X 3.50
35	35	MONITOR	10.00 X 14.50 X 3.50	36	36	KEYBOARD	10.00 X 14.50 X 3.50
37	37	KEYBOARD	10.00 X 14.50 X 3.50	38	38	MONITOR	10.00 X 14.50 X 3.50
39	39	MONITOR	10.00 X 14.50 X 3.50	40	40	KEYBOARD	10.00 X 14.50 X 3.50
41	41	KEYBOARD	10.00 X 14.50 X 3.50	42	42	MONITOR	10.00 X 14.50 X 3.50
43	43	MONITOR	10.00 X 14.50 X 3.50	44	44	KEYBOARD	10.00 X 14.50 X 3.50
45	45	KEYBOARD	10.00 X 14.50 X 3.50	46	46	MONITOR	10.00 X 14.50 X 3.50
47	47	MONITOR	10.00 X 14.50 X 3.50	48	48	KEYBOARD	10.00 X 14.50 X 3.50
49	49	KEYBOARD	10.00 X 14.50 X 3.50	50	50	MONITOR	10.00 X 14.50 X 3.50
51	51	MONITOR	10.00 X 14.50 X 3.50	52	52	KEYBOARD	10.00 X 14.50 X 3.50
53	53	KEYBOARD	10.00 X 14.50 X 3.50	54	54	MONITOR	10.00 X 14.50 X 3.50
55	55	MONITOR	10.00 X 14.50 X 3.50	56	56	KEYBOARD	10.00 X 14.50 X 3.50
57	57	KEYBOARD	10.00 X 14.50 X 3.50	58	58	MONITOR	10.00 X 14.50 X 3.50
59	59	MONITOR	10.00 X 14.50 X 3.50	60	60	KEYBOARD	10.00 X 14.50 X 3.50
61	61	KEYBOARD	10.00 X 14.50 X 3.50	62	62	MONITOR	10.00 X 14.50 X 3.50
63	63	MONITOR	10.00 X 14.50 X 3.50	64	64	KEYBOARD	10.00 X 14.50 X 3.50
65	65	KEYBOARD	10.00 X 14.50 X 3.50	66	66	MONITOR	10.00 X 14.50 X 3.50
67	67	MONITOR	10.00 X 14.50 X 3.50	68	68	KEYBOARD	10.00 X 14.50 X 3.50
69	69	KEYBOARD	10.00 X 14.50 X 3.50	70	70	MONITOR	10.00 X 14.50 X 3.50
71	71	MONITOR	10.00 X 14.50 X 3.50	72	72	KEYBOARD	10.00 X 14.50 X 3.50
73	73	KEYBOARD	10.00 X 14.50 X 3.50	74	74	MONITOR	10.00 X 14.50 X 3.50
75	75	MONITOR	10.00 X 14.50 X 3.50	76	76	KEYBOARD	10.00 X 14.50 X 3.50
77	77	KEYBOARD	10.00 X 14.50 X 3.50	78	78	MONITOR	10.00 X 14.50 X 3.50
79	79	MONITOR	10.00 X 14.50 X 3.50	80	80	KEYBOARD	10.00 X 14.50 X 3.50
81	81	KEYBOARD	10.00 X 14.50 X 3.50	82	82	MONITOR	10.00 X 14.50 X 3.50
83	83	MONITOR	10.00 X 14.50 X 3.50	84	84	KEYBOARD	10.00 X 14.50 X 3.50
85	85	KEYBOARD	10.00 X 14.50 X 3.50	86	86	MONITOR	10.00 X 14.50 X 3.50
87	87	MONITOR	10.00 X 14.50 X 3.50	88	88	KEYBOARD	10.00 X 14.50 X 3.50
89	89	KEYBOARD	10.00 X 14.50 X 3.50	90	90	MONITOR	10.00 X 14.50 X 3.50
91	91	MONITOR	10.00 X 14.50 X 3.50	92	92	KEYBOARD	10.00 X 14.50 X 3.50
93	93	KEYBOARD	10.00 X 14.50 X 3.50	94	94	MONITOR	10.00 X 14.50 X 3.50
95	95	MONITOR	10.00 X 14.50 X 3.50	96	96	KEYBOARD	10.00 X 14.50 X 3.50
97	97	KEYBOARD	10.00 X 14.50 X 3.50	98	98	MONITOR	10.00 X 14.50 X 3.50
99	99	MONITOR	10.00 X 14.50 X 3.50	100	100	KEYBOARD	10.00 X 14.50 X 3.50
101	101	KEYBOARD	10.00 X 14.50 X 3.50	102	102	MONITOR	10.00 X 14.50 X 3.50
103	103	MONITOR	10.00 X 14.50 X 3.50	104	104	KEYBOARD	10.00 X 14.50 X 3.50
105	105	KEYBOARD	10.00 X 14.50 X 3.50	106	106	MONITOR	10.00 X 14.50 X 3.50
107	107	MONITOR	10.00 X 14.50 X 3.50	108	108	KEYBOARD	10.00 X 14.50 X 3.50
109	109	KEYBOARD	10.00 X 14.50 X 3.50	110	110	MONITOR	10.00 X 14.50 X 3.50
111	111	MONITOR	10.00 X 14.50 X 3.50	112	112	KEYBOARD	10.00 X 14.50 X 3.50
113	113	KEYBOARD	10.00 X 14.50 X 3.50	114	114	MONITOR	10.00 X 14.50 X 3.50
115	115	MONITOR	10.00 X 14.50 X 3.50	116	116	KEYBOARD	10.00 X 14.50 X 3.50
117	117	KEYBOARD	10.00 X 14.50 X 3.50	118	118	MONITOR	10.00 X 14.50 X 3.50
119	119	MONITOR	10.00 X 14.50 X 3.50	120	120	KEYBOARD	10.00 X 14.50 X 3.50
121	121	KEYBOARD	10.00 X 14.50 X 3.50	122	122	MONITOR	10.00 X 14.50 X 3.50
123	123	MONITOR	10.00 X 14.50 X 3.50	124	124	KEYBOARD	10.00 X 14.50 X 3.50
125	125	KEYBOARD	10.00 X 14.50 X 3.50	126	126	MONITOR	10.00 X 14.50 X 3.50
127	127	MONITOR	10.00 X 14.50 X 3.50	128	128	KEYBOARD	10.00 X 14.50 X 3.50
129	129	KEYBOARD	10.00 X 14.50 X 3.50	130	130	MONITOR	10.00 X 14.50 X 3.50
131	131	MONITOR	10.00 X 14.50 X 3.50	132	132	KEYBOARD	10.00 X 14.50 X 3.50
133	133	KEYBOARD	10.00 X 14.50 X 3.50	134	134	MONITOR	10.00 X 14.50 X 3.50
135	135	MONITOR	10.00 X 14.50 X 3.50	136	136	KEYBOARD	10.00 X 14.50 X 3.50
137	137	KEYBOARD	10.00 X 14.50 X 3.50	138	138	MONITOR	10.00 X 14.50 X 3.50
139	139	MONITOR	10.00 X 14.50 X 3.50	140	140	KEYBOARD	10.00 X 14.50 X 3.50
141	141	KEYBOARD	10.00 X 14.50 X 3.50	142	142	MONITOR	10.00 X 14.50 X 3.50
143	143	MONITOR	10.00 X 14.50 X 3.50	144	144	KEYBOARD	10.00 X 14.50 X 3.50
145	145	KEYBOARD	10.00 X 14.50 X 3.50	146	146	MONITOR	10.00 X 14.50 X 3.50
147	147	MONITOR	10.00 X 14.50 X 3.50	148	148	KEYBOARD	10.00 X 14.50 X 3.50
149	149	KEYBOARD	10.00 X 14.50 X 3.50	150	150	MONITOR	10.00 X 14.50 X 3.50
151	151	MONITOR	10.00 X 14.50 X 3.50	152	152	KEYBOARD	10.00 X 14.50 X 3.50
153	153	KEYBOARD	10.00 X 14.50 X 3.50	154	154	MONITOR	10.00 X 14.50 X 3.50
155	155	MONITOR	10.00 X 14.50 X 3.50	156	156	KEYBOARD	10.00 X 14.50 X 3.50
157	157	KEYBOARD	10.00 X 14.50 X 3.50	158	158	MONITOR	10.00 X 14.50 X 3.50
159	159	MONITOR	10.00 X 14.50 X 3.50	160	160	KEYBOARD	10.00 X 14.50 X 3.50
161	161	KEYBOARD	10.00 X 14.50 X 3.50	162	162	MONITOR	10.00 X 14.50 X 3.50
163	163	MONITOR	10.00 X 14.50 X 3.50	164	164	KEYBOARD	10.00 X 14.50 X 3.50
165	165	KEYBOARD	10.00 X 14.50 X 3.50	166	166	MONITOR	10.00 X 14.50 X 3.50
167	167	MONITOR	10.00 X 14.50 X 3.50	168	168	KEYBOARD	10.00 X 14.50 X 3.50
169	169	KEYBOARD</td					

MODEL NUMBER		VARIATIONS	VOLTS	AMPS	PH	HZ	WATTS	WIRES
VT100	-AA	DBL KEYBD EIA 115V LINE CORD USA PLUG	120/220 240	2.5 1.3		50/60	300MAX	
VT100	-AB	DBL KEYBD EIA 230V LINE CORD 20A PLUG						
VT100	-NA	VT100-AA WITH DEC FORM KEY CAPS						
VT100	-NB	VT100-AB WITH DEC FORM KEY CAPS						
VT100	-WA	VT100-AA WITH WORD PROCESSING KEYCAPS						
VT100	-WB	VT100-AB WITH WORD PROCESSING KEYCAPS						
VT100	-WC	VT100C WITH AVO, FR. CANADIAN WP KEYCAPS, FOREIGN LANGUAGE ROMS, & 120V PLUG						
VT100	-WD	VT100C WITH AVO, FR. CANADIAN WP KEYCAPS, FOREIGN LANGUAGE ROMS, & 230V 20A PLUG						
VT100	-WE	VT100C WITH AVO, FRENCH WP KEYCAPS, FOREIGN LANGUAGE ROMS AND 120V PLUG						
VT100	-WF	VT100C WITH AVO, FRENCH WP KEYCAPS, FOREIGN LANGUAGE ROMS, & 230V 20A PLUG						
VT100	-WG	VT100C WITH AVO, DUTCH KEYCAPS, FOREIGN LANGUAGE ROMS, & 120V PLUG						
VT100	-WH	VT100C WITH AVO, DUTCH KEYCAPS, FOREIGN LANGUAGE ROMS, & 230V 20A PLUG						
VT100	-WJ	VT100C WITH AVO, GERMAN KEYCAPS, FOREIGN LANGUAGE ROMS, & 120 V PLUG						
VT100	-WK	VT100C WITH AVO, GERMAN KEYCAPS, FOREIGN LANGUAGE ROMS, & 230V 20A PLUG						
VT100	-WY	VT100C WITH AVO, WP KEYCAPS, FOREIGN LANGUAGE ROMS, AND 120 V PLUG						
VT100	-WZ	VT100C WITH AVO, WP KEYCAPS, FOREIGN LANGUAGE ROMS, AND 230V 20A PLUG						
VT100	-LA	VT100-AB WITH P40 TUBE AND BONDED FACE PLATE						
VT100	-LB	VT100-AB WITH P40 TUBE AND BONDED FACE PLATE						
VT100	-PA	(PRIVATE BRAND) VT100-AA EXCEPT DARK GREY TRIM, 120V						
VT100	-PB	(PRIVATE BRAND) VT100-AB EXCEPT DARK GREY TRIM, 220/240V						
VT100	-PC	(PRIVATE BRAND) VT100-PA WITHOUT ELECTRONICS 120V						
VT100	-PD	(PRIVATE BRAND) VT100-PB WITHOUT ELECTRONICS 240V						
VT100	-PE	(PRIVATE BRAND) VT100-PA WITHOUT ELECT. & NO KYBD 120V						
VT100	-PF	(PRIVATE BRAND) VT100-PB WITHOUT ELECT. & NO KYBD 240V						
VT100	-BA	KIT OF 4 VT100-AA						
VT100	-BB	KIT OF 4 VT100-AB						
VT100	-CA	KIT OF 8 VT100-AA						
VT100	-CB	KIT OF 8 VT100-AB						
VT100	-DA	KIT OF 16 VT100-AA						
VT100	-DB	KIT OF 16 VT100-AB	120/220 240	2.5 1.3		50/60	300MAX	



VIEW F-F
SCALE: NONE

DESCRIPTION		SKILL PART NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES		
REF ID	GENERAL	GLASS OF
ITEM	DETAIL	ITEM
1	2	3
2	4	5
3	6	7
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236		



			DESCRIPTION		DISC/PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES								
QUANTITY & VARIATION		ADDRESS OF MANUFACTURER	NAME & ADDRESS OF SOLICITING CONTRACTOR	NAME & ADDRESS OF MANUFACTURER	NAME & ADDRESS OF SOLICITING CONTRACTOR	NAME & ADDRESS OF MANUFACTURER	NAME & ADDRESS OF SOLICITING CONTRACTOR	
THIRD ANGLE PROJECTION		DRAWN BY CHECKED BY ENG'D BY PROJ. ENGR'D BY PRINC'D BY	DATE APR 22 APR 22 APR 22 APR 22	DATE APR 22 APR 22 APR 22 APR 22	DATE APR 22 APR 22 APR 22 APR 22	DATE APR 22 APR 22 APR 22 APR 22	DATE APR 22 APR 22 APR 22 APR 22	
REMOVED SURFACES BREAK SHARP CORNERS								
DO NOT SCALE DRAW		NEXT HIGHLY ASY.						
MATERIAL SEE PARTS LIST		B-D- VT100 -0		SHEET 2 OF 3 DRAFT.		PAGE 1 OF 1 DRAFT.		
FINISH								

FIRST USED
VT100-
Digitized

VT100
UNIT ASSY

PARTS LIST

SHEET A1 OF A3

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION											
				AA	AB	NA	NB	WA	WB	WC	WD	WE	WF	WG	WH
1	1	D-UA-7014653-0-0	7014653-00	KEYBOARD ASSY	1	1	-	-	-	-	-	-	-	-	-
2	2	E-IA-7014980-0-0	7014980-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
3	3	D-IA-7014976-0-0	7014976-00	WORT BOX ASSY	1	1	1	1	1	1	1	1	1	1	1
4	4	D-IA-7014974-0-0	7014974-00	ENCLOSURE, CRT TOP ASSY	1	1	1	1	1	1	1	1	1	1	1
5	5		7014975-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
6	6		7014977-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
7	7	D-AD-7014979-0-0	7014979-00	POWER SUPPLY ASSY	1	1	1	1	1	1	1	1	1	1	1
8	8		7014978-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
9	9		5413009-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
10	10		7419836-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
11	11		3016080-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
12	12		9010007-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
13	13		9009967-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
14	14		3615680-00	LABEL,ADHESIVE BACK,SWITCH POSIT	1	1	1	1	1	1	1	1	1	1	1
15	15	A-PS-170008-0-0	1700083-09	PWR CORD,TERM. 75IN,18-3,125V 10	1	-	1	-	1	-	1	-	1	-	1
16	16	A-PS-1700083-0-0	1700083-10	PWR CORD,TERM. 75IN,18-3,250V 6	-	1	-	1	-	1	-	1	-	1	-
17	17	D-UA-7014653-0-0	7014653-02	KEYBOARD ASSY.	-	-	1	1	-	-	-	-	-	-	-
18	18		7414213-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
19	19		3613210-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
20	20		3613210-02	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
21	21		3613211-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
22	22		3700324-00	INSTR PKG DISPLAY VT100	1	1	1	1	1	1	1	1	1	1	1
23	23	E-UA-UT1XX-AA-0	UT1XX-AA	UT100 20MA CURRENT LOOP OPTION W	REF										
24	24	A-PL-UT1XX-AB-0	UT1XX-AB	ADVANCED VIDEO OPTION FOR VT100	REF										
25	25		9006659-00	WASHER,FLAT	1	1	1	1	1	1	1	1	1	1	1
26	26		9007649-00	STEEL	-	-	-	-	-	-	-	-	-	-	-
27	27		9010112-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
28	28	E-UA-7014653-0-0	7014653-03	SCREW,WASH HEX SLOT THD RL 6-	1	1	1	1	1	1	1	1	1	1	1
29	29		5413097-00	KEYBOARD ASSY.	-	-	-	-	1	1	-	-	-	-	-
30	30		9009313-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	4	4	4	4	4

REVISION HISTORY			BASIC PART NO:	VT100	DRN:	B. BLODGETT	DATE: 3-SEP-77	D	I	G	I	T	A	L
ENG!	ECO NUMBER	REV	SECTION A OF C					TITLE		PARTS LIST				
IJ3	IVT100-ML040	Z	SECTION. VARIATION INDEX	CHK'D:	D. HEALY	DATE: 24-SEP-77								
IGB	IVT100-ML042	AA	[A] AA,AB,NA,NB,WA,WR,											
IGB	IVT100-ML043	AB	WC,WD,WE,WF,WG,WH											
IGB	IVT100-ML044	AC	[B] WJ,WK,WY,WZ,LA,LB,	DES.ENG.:	E. WEDEKING	DATE: 26-JUN-78								
IGB	IVT100-ML045	AD	PA,PB,PC,PD,PE,PF											
IGB	IVT100-ML046	AE	[C] BA,BB,CA,CB,DA,DB											
IGB	IVT100-ML047	AF		RESP.ENG.:	G. DOUMANI	DATE: 26-JUN-78								
IAJ	IVT100-ML048	AH	[D]											
IGB	IVT100-ML049	AJ	[E]		MFG.ENG.:	K. HOFFMAN	DATE: 7-JUL-78	K	PL	UT100-0-DBP			AJ	
			[F]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:			FILE NAME:		EDIT		
					I-E-UA-UT100-0-0		#B-DD-UT100-0			ML08AJ.PLS		19		

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ML3

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION											
				AA	AB	NA	NB	WA	WB	WC	WD	WE	WF	WG	WH
31	31	9010135-00	SCREW,TAP HEXWW SLOT THD RL 8-	4	4	4	4	4	4	4	4	4	4	4	4
32	32	E-UA-7014653-0-0	7014653-05	KEYBD ASSY FR CANADIAN WP KEYCAP	-	-	-	-	-	-	1	1	-	-	-
33	33	E-UA-7014653-0-0	7014653-06	KEYBD ASSY FRENCH + WP KEYCAPS	-	-	-	-	-	-	-	1	1	-	-
34	34	E-UA-7014653-0-0	7014653-07	KEYBD ASSY DUTCH WP KEYCAPS	-	-	-	-	-	-	-	-	-	1	1
35	35	E-UA-7014653-0-0	7014653-08	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
36	36	D-UA-5413097-0-0	5413097-03	VT100 ADVANCED VIDEO	-	-	-	-	-	-	1	1	1	1	1
37	37		5413009-02	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
38	38		3016080-53	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
39	39	D-IA-7014974-0-0	7014974-02	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
40	40	D-UA-7014653-0-0	7014653-10	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
41	41	D-UA-7014653-0-0	7014653-09	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
42	42		3616157-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
43	43	B-IA-7423018-0-0	7423018-00	ISOLATION MOUNT.	2	2	2	2	2	2	2	2	2	2	2
44	44	B-MD-7423006-0-0	7423006-00	SCREW,HEX WASHER HD-4-40	2	2	2	2	2	2	2	2	2	2	2
45	45		9008193-00	WASHER,FLAT NYLON	2	2	2	2	2	2	2	2	2	2	2
46	46		7016624-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
47	47	D-IA-19469-0-0	7419469-00	STOP P.C. CARD	1	1	1	1	1	1	1	1	1	1	1
48	48		1212405-00	CARD GUIDE, NYLON	2	2	2	2	2	2	2	2	2	2	2
49	49	A-PS-3617544-0-0	3617544-00	LABEL,X-RAY RADIATION	1	1	1	1	1	1	1	1	1	1	1
50	50	SEE NOTE	3617674-01	LABEL,SERIAL & POWER W/UL & CSA	1	1	1	1	1	1	1	1	1	1	1
51	51		9010234-00	CLIP,CONN MTG. ZINCP	4	4	4	4	4	4	4	4	4	4	4
52	52	E-UA-5413097-0-0	5413097-01	ADVANCE VIDEO LA120	-	-	-	-	1	1	-	-	-	-	-
53	53	E-IA-7017434-0-DBU	7017434-00	CHASSIS WELDMENT	1	1	1	1	1	1	1	1	1	1	1
54	54		1217594-00	STANDOFF,PC BOARD MOUNTED	-	4	4	4	4	4	4	4	4	4	4
55	55		9009964-00	PLUNGER, 5/16 DIA	4	4	4	4	4	4	4	4	4	4	4
56	56		9009966-01	GROMMET,SNAP-IN POLYCARBONATE	4	4	4	4	4	4	4	4	4	4	4
57	57		9009624-00	BUMPER,SQUARE ADH BACK RUBBER	1	1	1	1	1	1	1	1	1	1	1
58	58		1218041-00	BUMPER, W/STEM SBR	1	1	1	1	1	1	1	1	1	1	1
59	59		9009636-00	CLAMP, CABLE. FOR FLAT CABLE	3	3	3	3	3	3	3	3	3	3	3
60	60	E-MD-7423954-0-DBU	7423954-00	CARD CAGE	1	1	1	1	1	1	1	1	1	1	1
61	61	D-UA-5413009-0-0	5413009-03	VT100 BASIC VIDEO	1	1	1	1	1	1	-	-	-	-	-
62	62	D-IA-7014978-0-0	7014978-03	DC POWER CABLE VT100 FCC	1	1	1	1	1	1	1	1	1	1	1
63	63		3617880-03	LABEL,FCC CLASS A PERIPHERAL	1	1	1	1	1	1	1	1	1	1	1
64	64	B-IA-7017970-0-0	7017970-YA	CABLE GROUNDING 3.5	1	1	1	1	1	1	1	1	1	1	1
65	65	D-UA-5413009-0-0	5413009-05	VT100 BASIC VIDEO	-	-	-	-	-	-	1	1	1	1	1
66	66		9000049-08	SCREW,SEMS HEX SLOT	6-	12	12	12	12	12	12	12	12	12	12
67	67	SEE NOTE	3700324-01	PKG DISPLAY VT100		REF	REF	REF	REF	-	-	-	-	-	-
68	68	SEE NOTE	3700520-00	PKG. H9780-BA CAB		REF									
69	69	E-IA-7014980-0-0	7014980-04	BASE, ENCLOSURE ASSY		1	1	1	1	1	1	1	1	1	1
70	70	D-AD-7018349-0-0	7018349-01	MONITOR ASSY, CRT, DIRECT DRIVE		1	1	1	1	1	1	1	1	1	1
71	71	D-AD-7018349-0-0	7018349-05	*** THIS ITEM IS NOT USED ***		-	-	-	-	-	-	-	-	-	-
72	72	E-UA-UT100-0-0	UT100-AA	*** THIS ITEM IS NOT USED ***		-	-	-	-	-	-	-	-	-	-
73	73	E-UA-UT100-0-0	UT100-AB	*** THIS ITEM IS NOT USED ***		-	-	-	-	-	-	-	-	-	-
74	74		3617905-01	LABEL,WARNING 120V 60HZ		1	-	1	-	1	-	1	-	1	-
75	75		3617905-02	LABEL,WARNING 220-240V50HZ		-	1	-	1	-	1	-	1	-	1

----- !TITLE-----

WT100 UNIT ASSY.

SECTION A OF C

SIZE	CODE	DOCUMENT NUMBER	REV
K	PL	VT100-0-DBP	AJ

LINE ITEM DOCUMENT NUMBER

PART NUMBER

DESCRIPTION

QUANTITY PER VARIATION

AA AB NA NB WA WB WC WD UE WF WG WH

76 NOTE: ALTERNATE SHIPPING CONTAINERS FOR USE WITH VARIATIONS AS INDICATED

77 NOTE: (LABEL, SERIAL NUMBER) 3617674-08 MAYBE USED AS ALTERNATE PART NUMBER TO ITEM #50 (3617674-01)

D	I	I	G	I	T	A	L	TITLE	SECTION A OF C	SIZE	CODE	DOCUMENT NUMBER	REV
								VT100 UNIT ASSY.		K	PL	VT100-0-DBP	AJ

ML3

PARTS LIST

SHEET B1 OF B3

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION								
				WJ	WK	WY	WZ	LA	LB	PA	PB	PC
1	1	D-UA-7014653-0-0	7014653-00	KEYBOARD ASSY	-	-	-	-	1	1	-	-
2	2	E-IA-7014980-0-0	7014980-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-
3	3	D-IA-7014976-0-0	7014976-00	WORD BOX ASSY	1	1	1	1	1	1	1	1
4	4	D-IA-7014974-0-0	7014974-00	ENCLOSURE, CRT TOP ASSY	1	1	1	1	1	1	1	1
5	5		7014975-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-
6	6		7014977-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-
7	7	D-AD-7014979-0-0	7014979-00	POWER SUPPLY ASSY	1	1	1	1	1	1	1	1
8	8		7014978-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-
9	9		5413009-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-
10	10		7415336-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-
11	11		3016080-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-
12	12		9010007-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-
13	13		9009967-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-
14	14		3615680-00	LABEL, ADHESIVE BACK, SWITCH POSIT	1	1	1	1	1	1	1	1
15	15	A-PS-1700083-0-0	1700083-09	PWR CORD, TERM. 75IN, 18-3, 125V 10	1	-	1	-	1	-	1	-
16	16	A-PS-1700083-0-0	1700083-10	PWR CORD, TERM. 75IN, 18-3, 250V 6	-	1	-	1	-	1	-	1
17	17	D-UA-7014653-0-0	7014653-02	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-
18	18		7414213-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-
19	19		3613210-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-
20	20		3613210-02	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-
21	21		3613211-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-
22	22		3700324-00	INSTR PKG DISPLAY VT100	1	1	1	1	1	1	1	1
23	23	E-UA-UT1XX-AA-0	VT1XX-AA	VT120 20MA CURRENT LOOP OPTION W	REF							
24	24	A-PL-UT1XX-AB-0	VT1XX-AB	ADVANCED VIDEO OPTION FOR VT100	-	-	-	REF	REF	REF	REF	-
25	25		9C06659-00	WASHER, FLAT	-	-	-	REF	REF	REF	REF	-
26	26		9007649-00	STEEL	1	1	1	1	1	1	1	1
27	27		9010112-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-
28	28	E-UA-7014653-0-0	7014653-03	SCREW, WASH HEX SLOT THD RL 6-	1	1	1	1	1	1	1	1
29	29		5413097-00	KEYBOARD ASSY.	-	-	1	1	-	-	-	-
30	30		9009313-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-
				SUPPORT, C.BD., FLAME RET., NATURAL	4	4	4	-	-	-	-	-

REVISION HISTORY

!BASIC PART NO: VT100 !

!ENG!	ECO NUMBER	!REV	!SECTION B OR C	!URN:	B. BLODGETT	!DATE: 3-SEP-77	D	I	G	I	T	A
!JD	!UT100-ML040	!Z	!SECTION. VARIATION INDEX	!CHK'D:	D. HEALY	!DATE: 24-SEP-77						
!GB	!UT100-ML042	!AA	! [A] AA,AB,NA,NB,WA,WB,									
!GB	!UT100-ML043	!AB	! WC,WD,WE,WG,WH									
!GB	!UT100-ML044	!AC	! [B] WJ,WK,WY,WZ,LA,LB,	DES.ENG.:	E. WEDEKING	!DATE: 26-JUN-78						
!GB	!UT100-ML045	!AD	! FA,PB,PC,PD,PE,PF									
!GB	!UT100-ML046	!AE	! [C] BA,BB,CA,CB,DA,DB									
!GB	!UT100-ML047	!AF		!RESP.ENG.:	G. DOUMANI	!DATE: 26-JUN-78						
!AJ	!UT100-ML048	!AH	! [D]									
!GB	!UT100-ML049	!AJ	! [E]	MFG.ENG.:	K. HOFFMAN	!DATE: 7-JUL-78	K	PL	VT100-0-DBP			AJ
		! [F]		!ASSEMBLY NUMBER:		!TOP DOCUMENT NUMBER:			FILE NAME:	EDIT #		
				!E-UA-VT100-0-0		!\$B-DD-UT100-0			!MLO9AJ.PLS			19

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LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	WJ	WK	WY	WZ	LA	LB	PA	PB	PC	PD	PE	PF
31	31	9010135-00	SCREW,TAP HEXWW SLOT THD RL 8-	4	4	4	4	4	4	4	4	4	4	4	4
32	32	E-UA-7014653-0-0	7014653-05	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
33	33	E-UA-7014653-0-0	7014653-06	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
34	34	E-UA-7014653-0-0	7014653-07	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
35	35	E-UA-7014653-0-0	7014653-08	KEYBD ASSY GERMAN WP KEYCAPS	1	1	-	-	-	-	-	-	-	-	-
36	36	D-UA-5413097-0-0	5413097-03	VT100 ADVANCED VIDEO	1	1	1	1	-	-	-	-	-	-	-
37	37		5413009-02	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
38	38		3016080-53	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
39	39	D-IA-7014974-0-0	7014974-02	ENCLOSURE CRT TOP ASSY W/DK. GRA	-	-	-	-	-	-	-	1	1	1	1
40	40	D-UA-7014653-0-0	7014653-10	KEYBD ENCLOSURE ASSY NO KEYBD	-	-	-	-	-	-	-	-	-	1	1
41	41	D-UA-7014653-0-0	7014653-09	KEYBD/KEYCAP ASSY DARK GRAY	-	-	-	-	-	-	1	1	1	1	-
42	42		3616157-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
43	43	B-IA-7423018-0-0	7423018-00	ISOLATION MOUNT.	2	2	2	2	2	2	2	2	2	2	2
44	44	B-MD-7423006-0-0	7423006-00	SCREW,HEX WASHER HD,4-40	2	2	2	2	2	2	2	2	2	2	2
45	45		9008193-00	WASHER,FLAT NYLON	2	2	2	2	2	2	2	2	2	2	2
46	46		7016624-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
47	47	D-IA-7419469-0-0	7419469-00	STOP P.C. CARD	1	1	1	1	1	1	1	1	1	1	1
48	48		1212405-00	CARD GUIDE, NYLON	2	2	2	2	2	2	2	2	2	2	2
49	49	A-PS-3617544-0-0	3617544-00	LABEL,X-RAY RADIATION	1	1	1	1	1	1	1	1	1	1	1
50	50	SEE NOTE	3617674-01	LABFL, SERIAL & POWER W/UL & CSA	1	1	1	1	1	1	1	1	1	1	1
51	51		9010234-00	CLIP,CONN MTG.	ZINCP	4	4	4	4	4	4	4	4	4	4
52	52	E-UA-5413097-0-0	5413097-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
53	53	E-IA-7017434-0-DBU	7017434-00	CHASSIS WELDMEN	-	1	1	1	1	1	1	1	1	1	1
54	54		1217594-00	STANDOFF,PC BOARD MOUNTED	-	4	4	4	4	4	4	4	4	4	4
55	55		9009964-00	PLUNGER, 5/16 DIA	-	4	4	4	4	4	4	4	4	4	4
56	56		9009966-01	GROMMET,SNAP-IN POLYCARBONATE	-	4	4	4	4	4	4	4	4	4	4
57	57		9009624-00	BUMPER,SQUARE ADH BACK RUBBER	-	1	1	1	1	1	1	1	1	1	1
58	58		1218041-00	BUMPER, W/STEM SBR	-	1	1	1	1	1	1	1	1	1	1
59	59		9009636-00	CLAMP, CABLE, FOR FLAT CABLE	-	3	3	3	3	3	3	3	3	3	3
60	60	E-MD-7423954-0-DBU	7423954-00	CARD CAGE	-	1	1	1	1	1	1	1	1	1	1
61	61	D-UA-5413009-0-0	5413009-03	VT100 BASIC VIDEO	-	-	-	-	-	1	1	1	-	-	-
62	62	D-IA-7014978-0-0	7014978-03	DC POWER CABLE VT100 FCC	-	1	1	1	1	1	1	1	1	1	1
63	63		3617880-03	LABEL,FCC CLASS A PERIPHERAL	-	1	1	1	1	1	1	1	1	1	1
64	64	B-IA-7017970-0-0	7017970-Y+	CABLE GROUNDING 3..	-	1	1	1	1	1	1	1	-	-	-
65	65	D-UA-5413009-0-0	5413009-05	VT100 BASIC VIDEO	-	1	1	1	1	-	-	-	-	-	-
66	66		9000049-06	SCREW,SEMS HEX SLOT	6-	12	12	12	12	12	12	12	12	12	12
67	67	SEE NOTE	3700324-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
68	68	SEE NOTE	3700520-00	PKG. H9780-BA CAB	-	REF									
69	69	E-IA-7014980-0-0	7014980-04	BASE, ENCLOSURE ASSY	-	1	1	1	1	1	1	1	1	1	1
70	70	D-AD-7018349-0-0	7018349-01	MONITOR ASSY, CRT, DIRECT DRIVE	-	1	1	1	1	-	1	1	1	1	1
71	71	D-AD-7018349-U-0	7018349-05	MONITOR ASSY, CRT, DIRECT DRIVE	-	-	-	-	-	1	1	-	-	-	-
72	72	E-UA-VT100-0-0	VT100-AA	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
73	73	E-UA-VT100-0-0	VT100-AB	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-
74	74		3617905-01	LABEL,WARNING 120V 60HZ	-	1	-	1	-	1	-	1	-	1	-
75	75		3617905-02	LABEL,WARNING 220-240V50HZ	-	1	-	1	-	1	-	1	-	1	-

TITLE		SECTION B OF C		SIZE	CODE	DOCUMENT NUMBER	REV				
D	I	G	I	T	A	L	VT100 UNIT ASSY.	K	PL	VT100-0-DBP	AJ

ML3

LINE ITEM DOCUMENT NUMBER

PART NUMBER

DESCRIPTION

QUANTITY PER VARIATION

WJ WK WY WZ LA LB PA P3 PC PD PE PF

76 NOTE: ALTERNATE SHIPPING CONTAINERS FOR USE WITH VARIATIONS AS INDICATED

77 NOTE: (LABEL, SERIAL NUMBER) 3617674-08 MAYBE USED AS ALTERNATE PART NUMBER TO ITEM #50 (3617674-01)

D	I	G	I	T	A	L	TITLE	SECTION B OF C	SIZE	CODE	DOCUMENT NUMBER	REV
							VT100 UNIT ASSY.		K	PL	UT100-0-DBP	AJ

ML3

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION					
				BA	BB	CA	CB	DA	DB
1	1	D-UA-7014653-0-0	7014653-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
2	2	E-IA-7014980-0-0	7014980-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
3	3	D-IA-7014976-0-0	7014976-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
4	4	D-IA-7014974-0-0	7014974-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
5	5		7014975-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
6	6		7014977-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
7	7	D-AD-7014979-0-0	7014979-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
8	8		7014978-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
9	9		5413009-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
10	10		7419836-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
11	11		3016080-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
12	12		9010007-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
13	13		9009967-00	..IS ITEM IS NOT USED ***	-	-	-	-	-
14	14		3615680-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
15	15	A-PS-1700083-0-0	1700083-09	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
16	16	A-PS-1700083-0-0	1700083-10	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
17	17	D-UA-7014653-0-0	7014653-02	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
18	18		7414213-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
19	19		3613210-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
20	20		3613210-C2	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
21	21		3613211-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
22	22		3700324-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
23	23	E-UA-VT1XX-AA-0	VT1XX-AA	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
24	24	A-PL-VT1XX-AB-0	VT1XX-AB	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
25	25		9006659-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
26	26		9007649-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
27	27		9010112-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
28	28	E-UA-7014653-0-0	7014653-03	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
29	29		5413097-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
30	30		9009313-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-

REVISION HISTORY		BASIC PART NO:	VT100	DRN:	B. BLODGETT	DATE: 3-SEP-77	D	I	G	I	T	A	L
ENG	ECO NUMBER	REV	SECTION C OF C	TITLE						PARTS LIST			
JD	!VT100-ML040	!Z	!SECTION. VARIATION INDEX	CHK'D:	D. HEALY	DATE: 24-SEP-77							
IGB	!VT100-ML042	!AA	! [A] AA,AB,NA,NB,WA,WB,										
IGB	!VT100-ML043	!AB	! WC,WD,WE,WG,WH										
IGB	!VT100-ML044	!AC	! [B] HJ,WK,WY,WZ,LA,LB,	DES.ENG.:	E. WEDEKING	DATE: 26-JUN-78							
IGB	!VT100-ML045	!AD	! PA,PB,PC,PD,PE,PF										
IGB	!VT100-ML046	!AE	! [C] BA,BB,CA,CB,DA,DB										
IGB	!VT100-ML047	!AF		RESF.ENG.:	G. DOUMANI	DATE: 26-JUN-78							
IAJ	!VT100-ML043	!AH	! [D]										
IGB	!VT100-ML049	!AJ											
		! [E]		MFG.ENG.:	K. HOFFMAN	DATE: 7-JUL-78	K	PL	VT100-0-DBP		AJ		
		! [F]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:			FILE NAME:		EDIT		
				E-UA-VT100-0-0		#B-DD-VT100-0			ML08AJ.PLS		19		

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PARTS LIST

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION					
				BA	BB	CA	CB	DA	DB
31	31	9010135-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-
32	32	E-UA-7014653-0-0	7014653-05	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
33	33	E-UA-7014653-0-0	7014653-06	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
34	34	E-UA-7014653-0-0	7014653-07	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
35	35	E-UA-7014653-0-0	7014653-08	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
36	36	D-UA-5413097-0-0	5413097-03	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
37	37		5413097-02	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
38	38		3616080-53	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
39	39	D-IA-7014974-0-C	7014974-02	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
40	40	D-UA-7014653-0-0	7014653-10	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
41	41	D-UA-7014653-0-0	7014653-09	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
42	42		3616157-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
43	43	B-IA-7423018-0-0	7423018-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
44	44	B-MD-7423006-0-0	7423006-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
45	45		9008193-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
46	46		7016624-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
47	47	D-IA-7419469-0-0	7419469-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
48	48		1212405-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
49	49	A-PS-3617544-0-0	3617544-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
50	50	SEE NOTE	3617674-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
51	51		9010234-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
52	52	E-UA-5413097-0-0	5413097-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
53	53	E-IA-7017434-0-DBU	7017434-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
54	54		1217594-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
55	55		9009964-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
56	56		9009966-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
57	57		9009624-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
58	58		1218041-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
59	59		9009636-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
60	60	E-MD-7423954-0-DBU	7423954-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
61	61	D-UA-5413009-0-0	5413009-03	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
62	62	D-IA-7014978-0-0	7014978-03	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
63	63		3617880-03	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
64	64	B-IA-7017970-0-0	7017970-YA	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
65	65	D-UA-5413009-0-0	5413009-05	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
66	66		9000049-08	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
67	67	SEE NOTE	3700324-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
68	68	SEE NOTE	3700520-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
69	69	E-IA-7014980-0-0	7014980-04	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
70	70	D-AD-7018349-0-0	7018349-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
71	71	D-AD-7018349-0-0	7018349-05	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
72	72	E-UA-UT100-0-0	VT100-AA	VT100-A W 120V USA LINE CORD 170	4	-	6	-	16
73	73	E-UA-UT100-0-0	VT100-AB	VT100-A W 240V USA LINE CORD 170	-	4	-	8	-
74	74		3617905-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-
75	75		3617905-02	*** THIS ITEM IS NOT USED ***	-	-	-	-	-

TITLE		SECTION C OF C	SIZE	CODE	DOCUMENT NUMBER	REV
D	I	G	I	T	A	L

VT100 UNIT ASSY.

K PL VT100-0-DBP AJ

ML 3

PARTS LIST

LINE ITEM DOCUMENT NUMBER

PART NUMBER

DESCRIPTION

QUANTITY PER VARIATION

BA BB CA CB DA DB

76 NOTE: ALTERNATE SHIPPING CONTAINERS FOR USE WITH VARIATIONS AS INDICATED

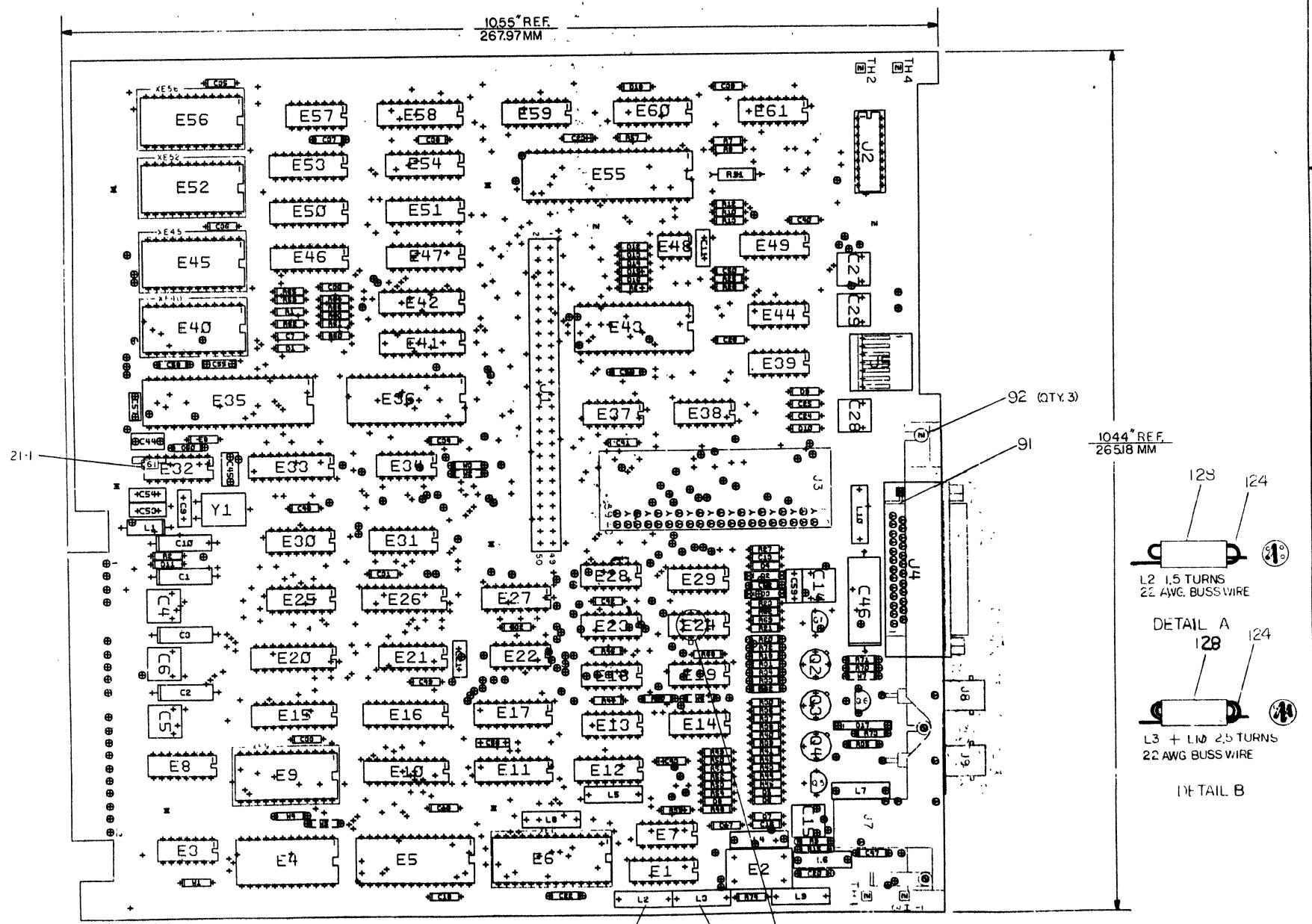
77 NOTE: (LABEL, SERIAL NUMBER) 3617674-0B MAYBE USED AS ALTERNATE PART NUMBER TO ITEM #50 (3617674-01)

TITLE					SECTION C OF C			SIZE/CODE DOCUMENT NUMBER			REV
D	I	G	I	T	A	S	S	P	L	PL	ML
										VT100-0-DBP	AJ

ML 3

REWORK INSTRUCTIONS

- I. ADD A CAPACITOR C61 (ITEM #125) FROM E32 PIN 6 TO E32 PIN 8



NOTE: L1E84 (ITEM B) CAN BE EITHER THE 14 PIN DIP OR THE 8 PIN ROUND TOB.
 2, W5,W6,D18, R55,C48, D17W2,R69, C52,H70,
 RT3, AND G6 ARE FOR FUTURE USE.
 3. ENSURE THAT L2, L3 AND Q1000
 TOWARD E1 TO PREVENT INTERFERENCE WITH CANDY
 GUIDES.
 E10V 1.0 V BYTE STEP TIMER

SEE DETAIL A
AND NOTE 3 SEE DETAIL B
AND NOTE 3 SEE NOTE 1

SIGNATURES	DATE	digital
ORIG. <i>[Signature]</i>	1-24	
CHK. <i>[Signature]</i>	1-25	
REC'D. <i>[Signature]</i>	1-25	TITLE VTR002
PROJ. ENG. R. PUCK	1-25	BASIC VIDEO
PROD. S. PUCK	1-25	
SCALE 2-1	STIMCODE	NUMBER
GHT. 1 OF 1	UA543009-00	
NEXT NUMBER 543009-0		
F-PB		

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION				REFERENCE DESIGNATOR	
				03	04	05	99		
1	1	D-MD-5013008-0-0	5013008-00	VT100 BASIC VIDEO	1	1	1	1	
2	2		1000005-00	6.8 MMF 100V 52200PPM MICA	1	1	1	1	C9
3	3		1000014-00	68.0 MMF 100V 52200PPM MICA	1	1	1	1	C11
4	4		1000016-00	100.0 MMF 100V 52200PPM MICA	2	2	2	2	C21,C54
5	5		1000076-00	39 MFD 10V 10% S.TANT	1	1	1	1	C10
6	7		1017472-00	10 MFD 35V 150-10% AL EL	3	3	3	3	C1,C2,C3
7	8		1010274-01	.22 MFD 50V 180-20% ZSU CER	13	13	13	13	C4-C6,C14,C15,C27-C29,C44,C45, CONT C55,C56,C59
8	9		1012784-00	.047 MFD 50V 180-20% CER	25	25	25	25	C7,C8,C13,C18,C19,C22,C24,C25, CONT C30-C43,C48-C50
9	10		1013486-12	2200.0 MMF 50V 10% X7R CER	1	1	1	1	C26
10	11		1100114-00	D 664 OS\75PCB PIV- 25V SP	11	11	11	11	D4-D8,D11-D16
11	12		1105796-00	1N 4004 PIV=400 I= 1A N041 SP	2	2	2	2	D9,D10
12	13		1109502-03	1N 4742A UZ= 12.0 5Z 1W	1	1	1	1	D3
13	14		1110994-00	1N 751A UZ= 5.1 .5Z .40W	1	1	1	1	D1
14	15		1114974-00	1N 4741A UZ= 11.0 5Z 1W	1	1	1	1	D2
15	16		1215006-06	SKT,IC 24PIN DIP TIN SOLD	5	5	5	5	XE9,XE10,XE15,XE52,XE56
16	17		1211666-00	SKT,IC 18PIN DIP GOLD SOLD	1	1	1	1	J2
17	18		1214063-01	PCB,HEADER 50POS(2X20).150CC STR	1	1	1	1	J1
18	19		1214828-00	CONN, 25POS RCPT	1	1	1	1	J4
19	20		1214829-00	CARD EDGE 10PIN(2X20).125CC 90D	1	1	1	1	J3
20	21		1215048-01	PCB,HEADER 0SPIN(1X07).098CC 90D	1	1	1	1	J5
21	22		1300005-07	R NETWORK 15-4.7K 5.0 % 16PIN	3	3	3	3	F8,E12,E59
22	23		1300219-00	68.0 .25 W 5.0 % CC	1	1	1	1	R40
23	24		1300229-00	100.0 .25 W 5.0 % CC	1	1	1	1	R34
24	25		1300250-00	150.0 .25 W 5.0 % CC	2	2	2	-	R51,R74
25	26		CONT		-	-	-	3	R51,R68,R74
26	27		1300271-00	220.0 .25 W 5.0 % CC	1	1	1	1	R41
27	28		1300295-00	330.0 .25 W 3.0 % CC	3	3	3	3	R1,R16,R47
			1300315-00	.470.0 .50 W 5.0 % CC	1	1	1	1	R11

REVISION HISTORY		!BASIC PART NO: 5413009 !		!DRN:		T. SHETRAWSKI		!DATE: 30-MAR-78 !		! D ! I ! G ! I ! T ! A ! L !	
!ENG!	!ECO NUMBER	!REV	!SECTION A OF A	!SECTION.VARIATION INDEX		!CHK'D:		!TITLE		PARTS LIST	
!RP !ML012	!R		!SECTION.VARIATION INDEX	!CAJ	03,04,05,99					VT100 BASIC VIDEO	
!CJ	!5413009-ML013	!S		!IMFG.ENG.: T. CORCIARI		!DATE: 11-MAR-78					
!RP	!5413009-ML014	!T		!DES.ENG: D. PUCCI		!DATE: 30-MAR-78					
!RP	!5413009-ML015	!U		!RESP.ENG.: D. PUCCI		!DATE: 30-MAR-78					
!DP	!5413009-ML016	!V		!ASSEMBLY NUMBER:		!TOP DOCUMENT NUMBER:		!FILE NAME:		!EDIT #	
!DP	!5413009-ML017	!W		!E-U-A-5413009-0-0		!B-DD-5413009-0-0		!ML01AD.PLS		! 26	
!DP	!5413009-ML018	!Y		!ENJ		!SIZE!CODE! NUMBER		! REV			
!JD	!5413009-ML019	!Z		!ENJ		! ! !		! ! !			
!RP	!5413009-ML020	!AA		!ENJ		! ! !		! ! !			
!NW	!5413009-ML021	!AB		!ENJ		! ! !		! ! !			
!RP	!5413009-ML023	!AC		!ENJ		! ! !		! ! !			
!BE	!5413009-ML025	!AD		!ENJ		! ! !		! ! !			

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LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION					REFERENCE DESIGNATOR					
				03	04	05	99							
28	29	1300316-00	470.0	.25	W	5.0	%	CC	1	1	1	1	R21	
29	30	1300365-00	1.0	K	.25	W	5.0	%	CC	2	2	2	2	R36,R67
30	31	1300398-00	1.80	K	.25	W	5.0	%	CC	1	1	1	1	R31
31	32	1300417-00	2.20	K	.25	W	5.0	%	CC	5	5	5	5	R18,R20,R22,R23,R27
32	33	1300426-00	2.70	K	.25	W	5.0	%	CC	1	1	1	1	R7
33	34	1300447-00	4.70	K	.25	W	5.0	%	CC	1	1	1	1	R25
34	35	1300479-00	10.0	K	.25	W	5.0	%	CC	4	4	4	4	R2,R6,R12,R26
35	36	1301317-00	10.0		.25	W	5.0	%	CC	1	1	1	1	R57
36	37	1301422-00	7.50	K	.25	W	5.0	%	CC	8	8	8	8	R59-R66
37	38	1301424-00	680.0		.25	W	5.0	%	CC	1	1	1	1	R37
38	39	1301425-00	300.0		.25	W	5.0	%	CC	1	1	1	1	R50
39	40	1301475-00	1.10	K	.25	W	5.0	%	CC	1	1	1	1	R32
40	42	1301874-00	5.60	K	.25	W	5.0	%	CC	1	1	1	1	R9
41	43	1301972-00	270.0		.25	W	5.0	%	CC	1	1	1	1	R38
42	44	1302379-00	75.0		.25	W	5.0	%	CC	5	5	5	-	R35,R45,R52,R54,R68
		CONT								-	-	-	4	R35,R45,R52,R54,
43	45	1302391-00	20.0	K	.25	W	5.0	%	CC	2	2	2	2	R43,R48
44	47	1303178-00	620.0		.25	W	5.0	%	CC	1	1	1	1	R49
45	48	1303187-00	820.0	K	.25	W	5.0	%	CC	1	1	1	1	R8
46	49	1304833-00	1.96	K	.25	W	1.0	%	RN55N-F10	1	1	1	1	R15
47	51	1313580-00	360.0		.25	W	5.0	%	CC	1	1	1	1	R39
48	52	1314673-00	36.0		.25	W	5.0	%	CC	1	1	1	1	R53
49	53	1501913-00	2N 2904A	PNP 60CMW SI	60	40	Y			3	3	3	3	Q2,Q3,Q4
50	54	1503409-00	DEC6334D	PNP 310MW SI	40	50				1	1	1	1	Q1
51	55	1509524-00	2N 3-04	NPN 310MW SI	40	40	M			1	1	1	1	Q5
52	56	1810694-06	XTAL	24.8832	MHZ					1	1	1	1	Y1
53	57	1814830-00	OSCILLATOR	XTAL	24.073	MHZ				1	1	1	1	E2
54	58	1909686-00	7404	INVERTER	GATE-HEX	II				1	1	1	1	E38
55	59	1909928-00	7416	INVERTER	GATE-HFX	II				2	2	2	2	E14,E18
56	60	1909929-00	7417	BUFFER	GATE-HEX	IINP				1	1	1	1	E29
57	61	1910236-00	DEC	7426	NAND	GATE-QUAD	2IN,0			1	1	1	1	E7
58	62	1910322-00	DEC	1488L	DRIVER,LINE,QUAD,E1					1	1	1	1	E39
59	63	1912847-00	LS157	MUX	: 1 OF	2(QUAD)				1	1	1	1	E1
60	64	1912697-00	LS174	FF-D	HEX	W/CLEAR				2	2	2	2	E49,E61
61	65	1912799-00	LS00	NAND-GATE	-QUAD	2IN,P				2	2	2	2	E23,E34
62	66	1912803-00	LS04	INVERTER	GATE	HFX				1	1	1	1	E19
63	67	1912815-00	LS30	NAND	GATE	SINGLE	8IN			1	1	1	1	E3
64	68	1912818-00	LS38	NAND	BUFFER	-QUAD	2IN			1	1	1	1	E28
65	69	1912821-00	LS74	FF-D	DUAL,EDGE	TRIGG				2	2	2	2	E13,E22
66	70	1912842-00	LS13P	DECODER	-THREE	INPUT,				1	1	1	1	E27
67	71	1912843-00	LS139	DECODER	- 2 OF	1(DUAL				1	1	1	1	E31
68	72	1912851-00	LS193	COUNTER	,SYNCHR,	ABIT,				3	3	3	3	E21,E25,E30
69	73	1912863-00	LS273	FF-D	OCTAL	W/CLEAR				2	2	2	2	E16,E20
70	74	1913105-00	PB	8224C	DRIVER/GEN	CLOCK	F			1	1	1	1	E32
71	75	1913109-00		8228	BUFFER	,DATA	BASE	FUR		1	1	1	1	E36
72	76	1913130-00	DEC	1489A	RECEIVER,LINE,QUAD,					2	2	2	2	E37,E14
73	77	1914084-00		715299	SHIFT	REG.	,8BIT	RIGH		1	1	1	1	E10
74	78	1914156-00	LM	393	VOLT.	COMPARATOR	DUAL			1	1	1	1	E48

YT100 BASIC VIDEO

SECTION A OF

1617E1200E1 DOCUMENT NUMBER: 1-25

X PI 5413008-A-BBS LAB

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION					REFERENCE DESIGNATOR
				03	04	05	99		
75	79	1914213-00	B1LS97 RUFFFR GATE-OCTAL 2I	1	1	1	1	E15,E11,E12,E58	
76	80	1914214-00	LS374 FF-D OCTAL EDGE TRIG	2	2	2	2	E26,E33	
77	81	1914423-01	CUSTOM LSI-BIPOLAR LS	1	1	1	1	E6	
78	82	1914424-01	CUSTOM LSI-BIPOLAR L	1	1	1	1	E5	
79	83	2112623-02	*** THIS ITEM IS NOT USED ***	-	-	-	-		
80	84	2113106-01	1K MOS RAM 250NS	2	2	2	2	E11,E17	
81	85	2113107-01	P 8251A PUSART COMM. INTERFA	1	1	1	1	E43	
82	86	2113108-01	8080A-1 MICR.OPROCESSOR UNIT	1	1	1	1	E35	
83	87	2113937-00	UART 125K BAUD	1	1	1	1	E55	
84	88	2114212-00	P 2114-2 RAM,1024X4,STATIC	6	6	6	6	E16,E17,E50,E51,E53,E54	
85	89	2114524-01	ROM 100X14BIT,ERASABLE,	1	1	1	1	E24	
86	90	2301BF2-00	E2-03	1	1	1	1	E4	
87	91	7424901-01	BRACKET,GROUNDING,EIA CONNECTOR	1	1	1	1		
88	92	9006732-00	EYELET,ROLLED 0.1210DX0.219	3	3	3	3		
89	93	9009185-00	JUMPER, WIRE, INSULATED: BLACK B	1	1	1	1	W1,W3,W4,W7	
90	95	23061E2-00	E2-02	1	-	-	-	E56	
91	96	23032E2-00	E2-02	1	-	-	-	E52	
92	97	23033E2-00	E2-02	1	-	-	-	E45	
93	98	23034E2-00	E2-02	1	-	-	-	E40	
94	102	1001610-00	.01 MFD 50V +50-20% Z5U CER	4	4	4	4	C16,C17,C23,C51	
95	103	1301320-00	1.20 K .25 W 5.0 % CC	1	1	1	1	R30	
96	104	1301322-00	180.0 .25 W 5.0 % CC	1	1	1	1	R33	
97	105	1301477-00	82.0 .25 W 5.0 % CC	1	1	1	1	R42	
98	106	1300202-00	47.0 .25 W 5.0 % CC	1	1	1	1	R44	
99	107	1303155-00	21.50 K .25 W 1.0 % RN55D-F10	1	1	1	1	R10	
100	108	1309412-00	18.00 K .25 W 1.0 % RN55D-F10	1	1	1	1	R13	
101	109	1609620-00	2.2 UH #RFCS2.2	1	1	1	1	L1	
102	110	1002608-00	18.0 MMF 100V 55200PPM MICA	1	1	1	1	C53	
103	112	1013466-05	56.0 MMF 50V 5% CER	1	1	1	1	C47	
104	113	23180E2-00	E2-02	-	1	1	-	E56	
105	114	23181E2-00	E2-02	-	1	1	-	E52	
106	115	23182E2-00	E2-02	-	1	1	-	E45	
107	116	23183E2-00	E2-02	-	1	1	-	E40	
108	117	1215006-07	SKT,IC 28PIN DIP TIN SOLD	1	1	1	1	XE6	
109	118	23094E2-00	E2-03,E2-04	-	-	1	-	E9	
110	119	A-SP-3700553-0-0	PKG MODULE 5413009		REF	REF	REF	REF	
111	120	A-SP-3700428-0-0	INSTR PKG. BULK CARTON 99-06476-		REF	REF	REF	REF	
112	121	1300005-03	R NETWORK 13-10K 5.0 2 14PIN		1	1	1	1	E57
113	123	1000021-00	220.0 MMF 100V 5Z200PPM MICA		1	1	1	1	C57
114	124	9107560-01	WIRES,BUSS 22AWG TIN BARE		A/R	A/R	A/R	A/R	
115	125	1013466-21	47.0 MMF 50V 5% CER		3	3	3	3	C61,C58,C60
116	126	1013466-19	470.0 MMF 50V 5% CER		1	1	1	1	C20
117	127	1618238-02	BEAD,FERRITE .1380DX.330LG		6	6	6	6	L4-L9
118	128	1618437-00	BEAD,FERRITE .23600X.394LG		3	3	3	3	L2,L3,L10
119	129	2118615-02	GEN.BAUD RATE,PROGRAM		1	1	1	1	E60

LINE ITEM DOCUMENT NUMBER

PART NUMBER

DESCRIPTION

QTY PER VARIATION

03 01 05 99 REFERENCE DESIGNATOR

- 120 NOTE: FOR INDIVIDUAL FIELD SERVICE/CUSTOMER SPARES SHIPMENTS USE PACKAGING INSTRUCTION, A-SP-3700553-0-0
121 NOTE: FOR BULK INTERPLANT SHIPMENTS USE PACKAGING INSTRUCTION, A-SP-3700428-0-0 VARIATION -02
122 NOTE: L2 REQUIRES THE INSERTION OF 1.5 TURNS OF 22 AWG BUSS WIRE SEE DETAIL ON E-UA-5113009-0-0.
123 NOTE: L3 AND L10 REQUIRES THE INSERTION OF 2.5 TURNS OF 22 AWG BUSS WIRE
124 NOTE: SEE DETAIL ON E-UA-5113009-0-0.

TITLE						SIZE	CODE	DOCUMENT NUMBER	REV
D	I	G	I	T	A	L	SECTION A	OF A	
VT100 BASIC VIDEO						K	PL	5A13009-0-DBP	AD

ADVANCED VIDEO CONN.

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J1

A00 H	29
A01 H	36
A02 H	35
A03 H	34
A04 H	21
A05 H	27
A06 H	26
A07 H	23
A08 H	20
A09 H	19
A10 H	25
A11 H	22
A12 H	24
A13 H	28
A14 H	32
A15 H	30
D8 00 H	5
D8 01 H	7
D8 02 H	9
D8 03 H	8
D8 04 H	3
D8 05 H	4
D8 06 H	10
D8 07 H	6
BV4 DMA ENA L	35
BV4 HOLD REQ H	4
BV4 MEM RD L	11
BV4 MEM WR L	14
BVI MEM DISABLE L	1
BV2 SEL ATTRAM L	12
BV2 SEL 8-12K L	13
LBA 0 H	43
LBA 1 H	45
LBA 2 H	48
LBA 3 H	47
LBA 4 H	41
LBA 5 H	43
LBA 6 H	46
LBA 7 H	42
BV4 WRITE LB L	38
BV4 CHAR CLK H	13
BVI BOLD L	25
BVI BLINK L	23
BVI UNDERLINE L	15
BVI ALT CHAR SET L	16
+5V	2
GND	49
BVI ADVANCED VIDEO L	33

GRAPHICS CONN
J2

DO 07 H	1
DO 06 H	2
DO 05 H	3
DO 04 H	4
DO 03 H	5
DO 02 H	6
DO 01 H	7
DO 00 H	8
BV4 HS CLK H	9
BVI GRAPHICS FLAG L	12
BVI GRAPHICS 2 IN L	10
BV4 INIT H	13
BV4 HORZ BLANK H	14
BV2 GRAPHICS WR L	15
BV4 VERT BLANK L	16
BVI GRAPHICS 1 IN L	17
	18
	19
	20
	21
	22
	23
	24
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	26
	27
	28
	29
	30
	31

+5V —————— E57 —————— 4
—————— 14 —————— 5 —————— 6

REV	NAME	CHG	CHG NR	REV	NAME	CHG	CHG NR	REV
1	CARTER P	1	1	1	K. HOFFMAN	1	1	1
2	R. PUCCI	1	1	2	H. PUCCI	1	1	2
3	N. WANGIO	1	1	3	H. PUCCI	1	1	3
4	N. WANGIO	1	1	4	H. PUCCI	1	1	4
5	N. WANGIO	1	1	5	H. PUCCI	1	1	5
6	N. WANGIO	1	1	6	H. PUCCI	1	1	6
7	N. WANGIO	1	1	7	H. PUCCI	1	1	7
8	N. WANGIO	1	1	8	H. PUCCI	1	1	8

EDGE CONN

BV4 HORZ DRIVE H — A1-1,2

A2-1,2

= A3-2,1

BV4 VERT DRIVE L — A4-2,1

LBA 6 H — A11-1,2

A7-2,1

+12V —————— C50 + C1 —————— C4 —————— A8-1,2
—————— .047UF —————— 10 UF —————— .22UF
—————— = C2 —————— C5 —————— .22UF A9-1,2
—————— = 10 UF —————— .22UF

A10-1,2

A13-1,2

A14-1,2

A15-1,2

A16-1,2

A17-1,2

A18-2,1

A19-2,1

A20-2,1

A21-2,1

A22-2,1

+5V —————— E12 S1 4.7K (16) —————— E8 6 4.7K (16) —————— C30 THRU C43 .047UF —————— C48 .047UF C49 .047UF C55 .22UF C56 .22UF
—————— +V3 4.7K (16) —————— +V4 4.7K (16) —————— C48 .047UF —————— C49 .047UF C55 .22UF C56 .22UF
—————— +V2 4.7K (16) —————— +V1 4.7K (16)

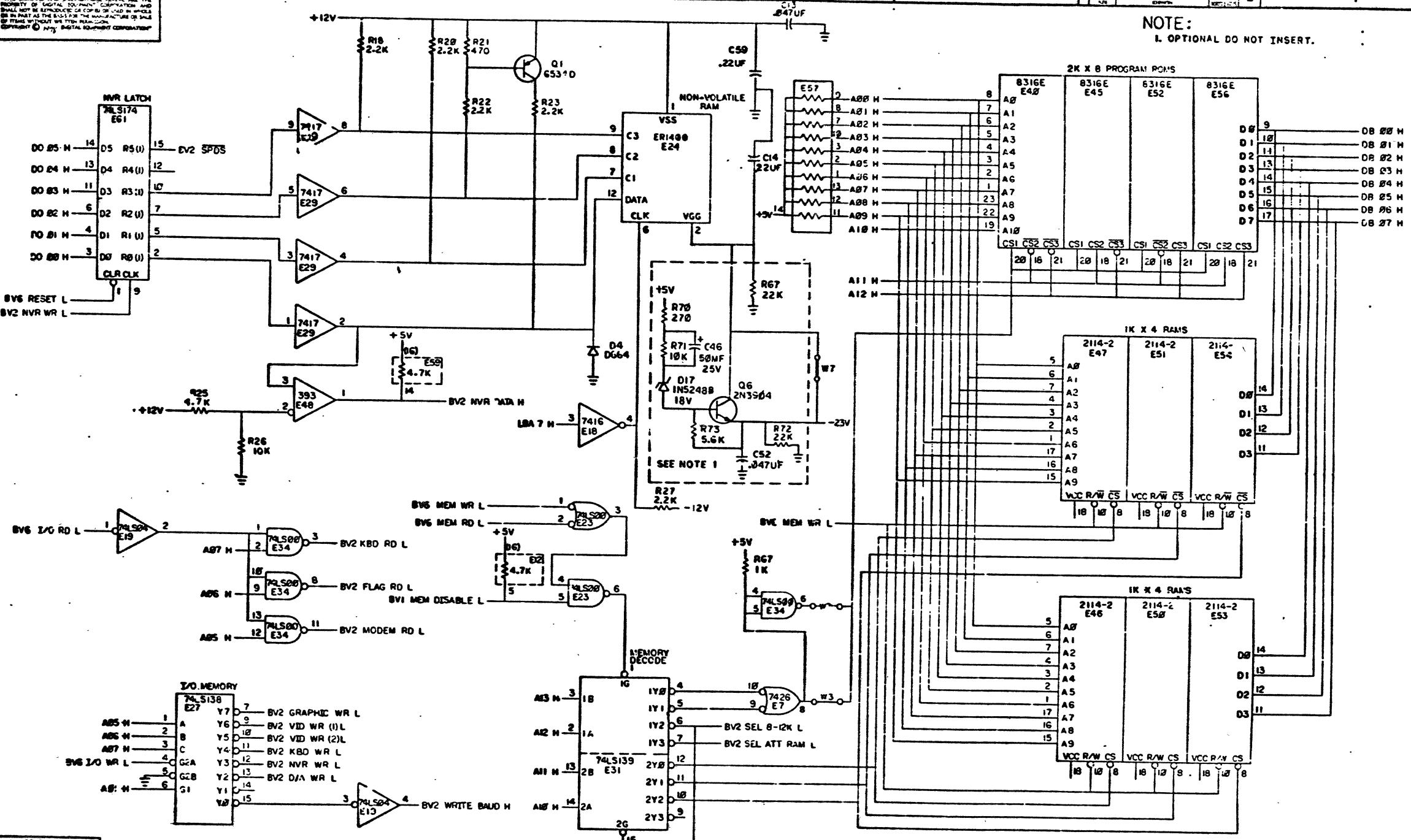
DRA	20-17	FIRST USED ON	VT 30	digital
CHKD	✓	DATE	7-7-86	
ENG	200	TITLE	VT100	
PROL ENG	200	PROL TITLE	BASIC VIDEO	
PROD	200	PROD DATE	7-7-86	
NEXT H DRW ASSY				
E-U-A-54 3309-0-0		SIZE	COO6	
D	1CS 5413009-0-1	NUMBER		
SCALE	1:1	REV		
SHEET	OF 6	1ST		

(BV1)

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DLS 5413009-0-1AB

NOTE:
I. OPTIONAL DO NOT INSERT.

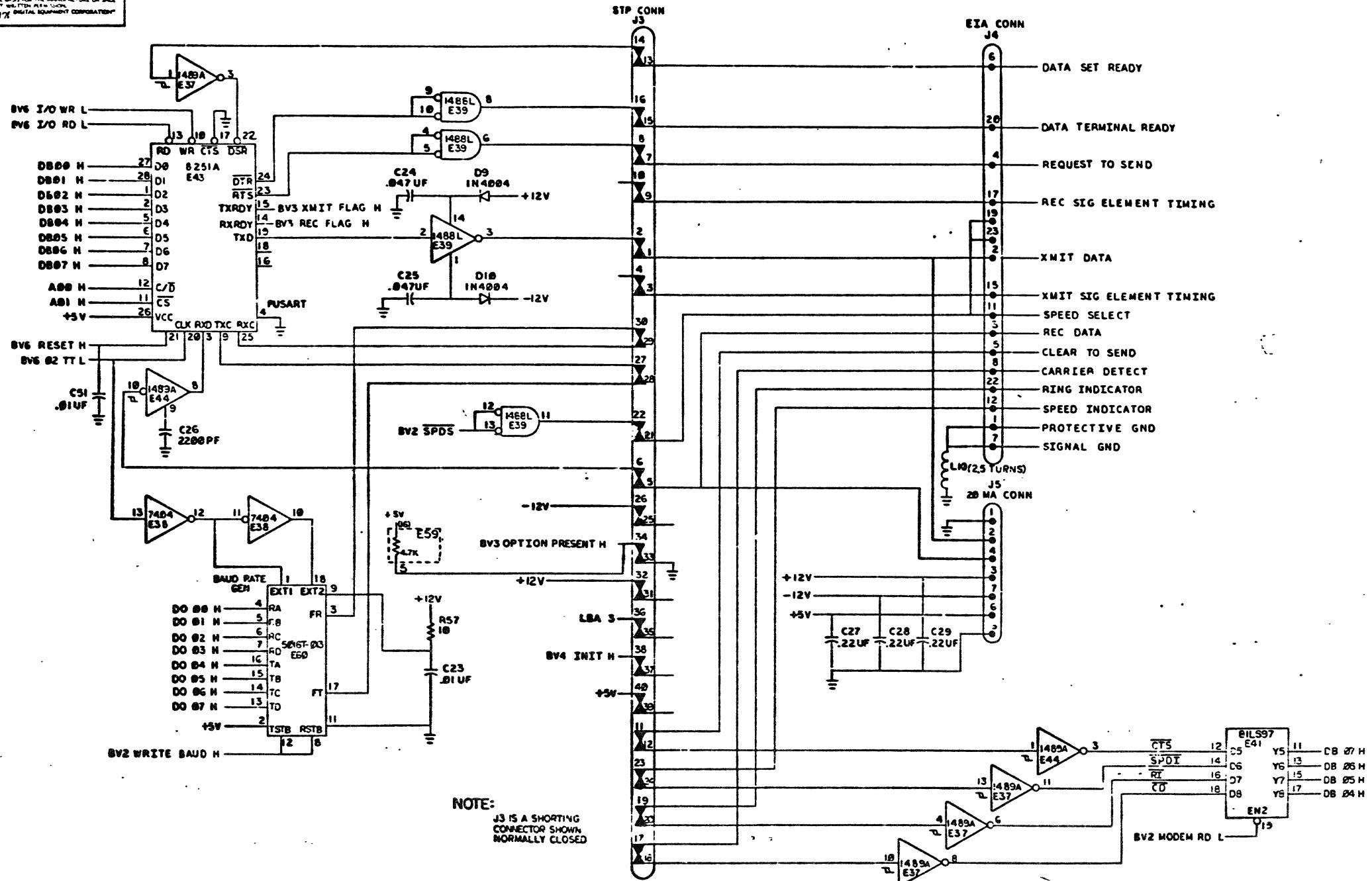


REVISIONS		
CR	CHANGE NO.	REV.

8 7 6 5 4 3 2 1

DLS 5413009-0-1AB

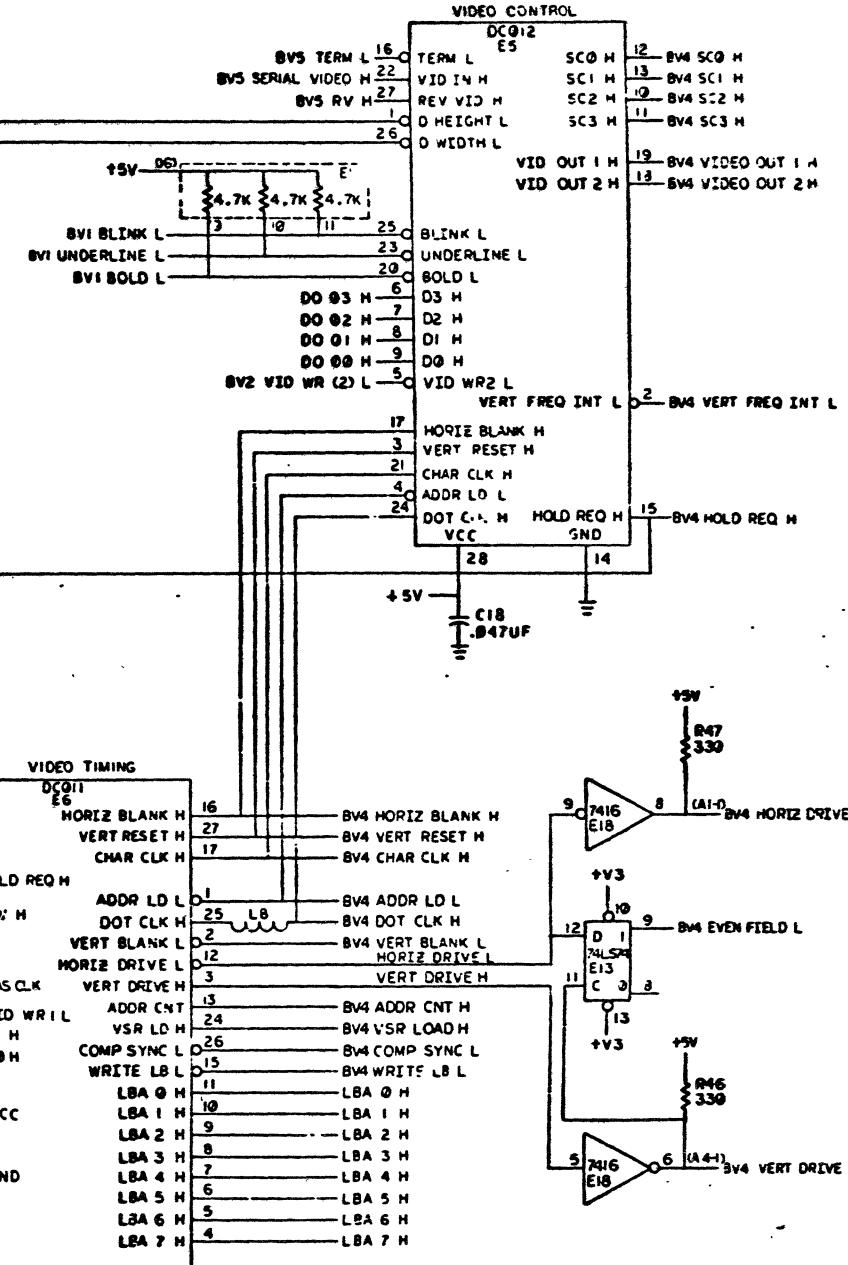
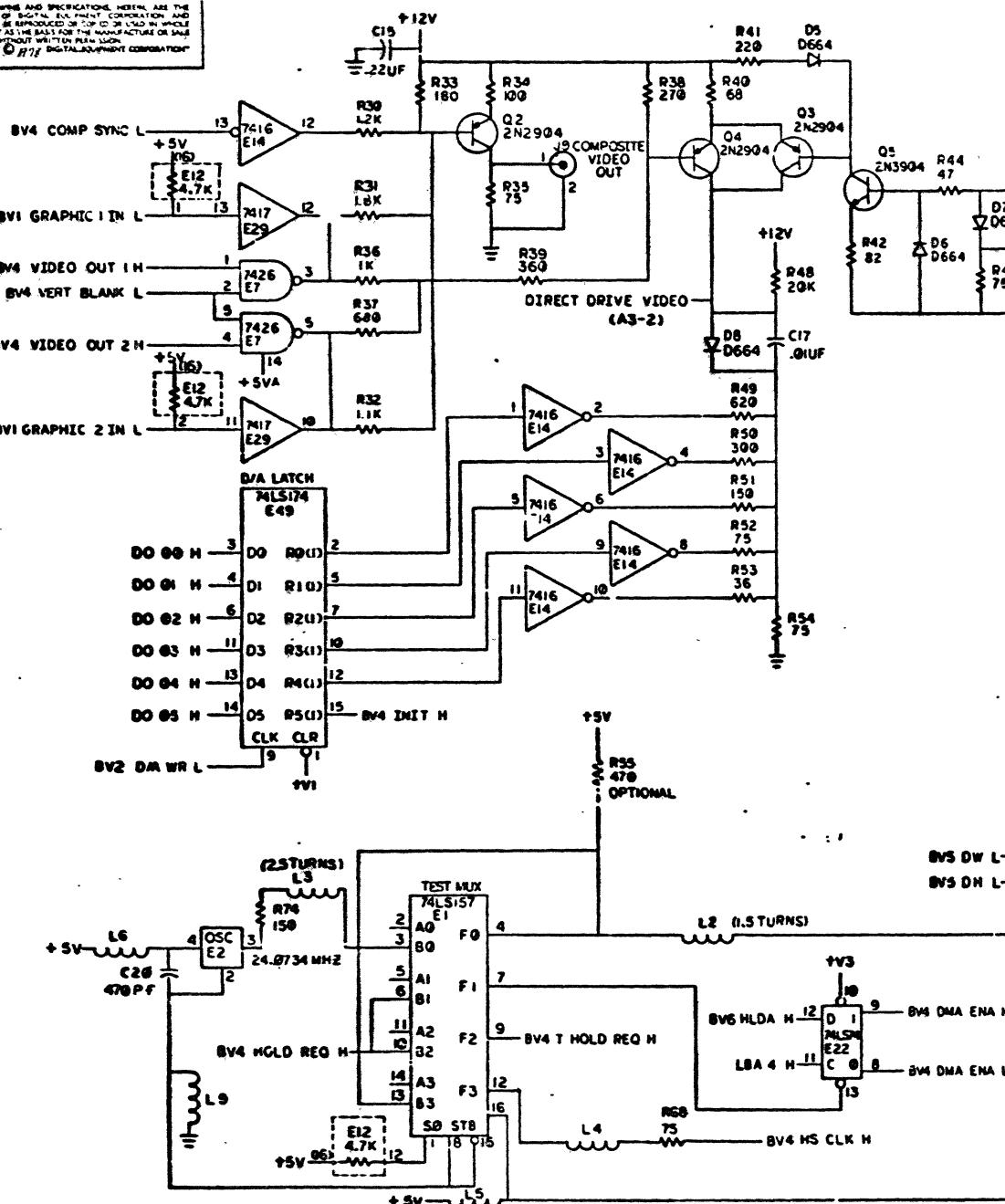
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NOTE:
J3 IS A SHORTING
CONNECTOR SHOWN
NORMALLY CLOSED

REVISIONS		
OK	CHANGE NO.	REV.

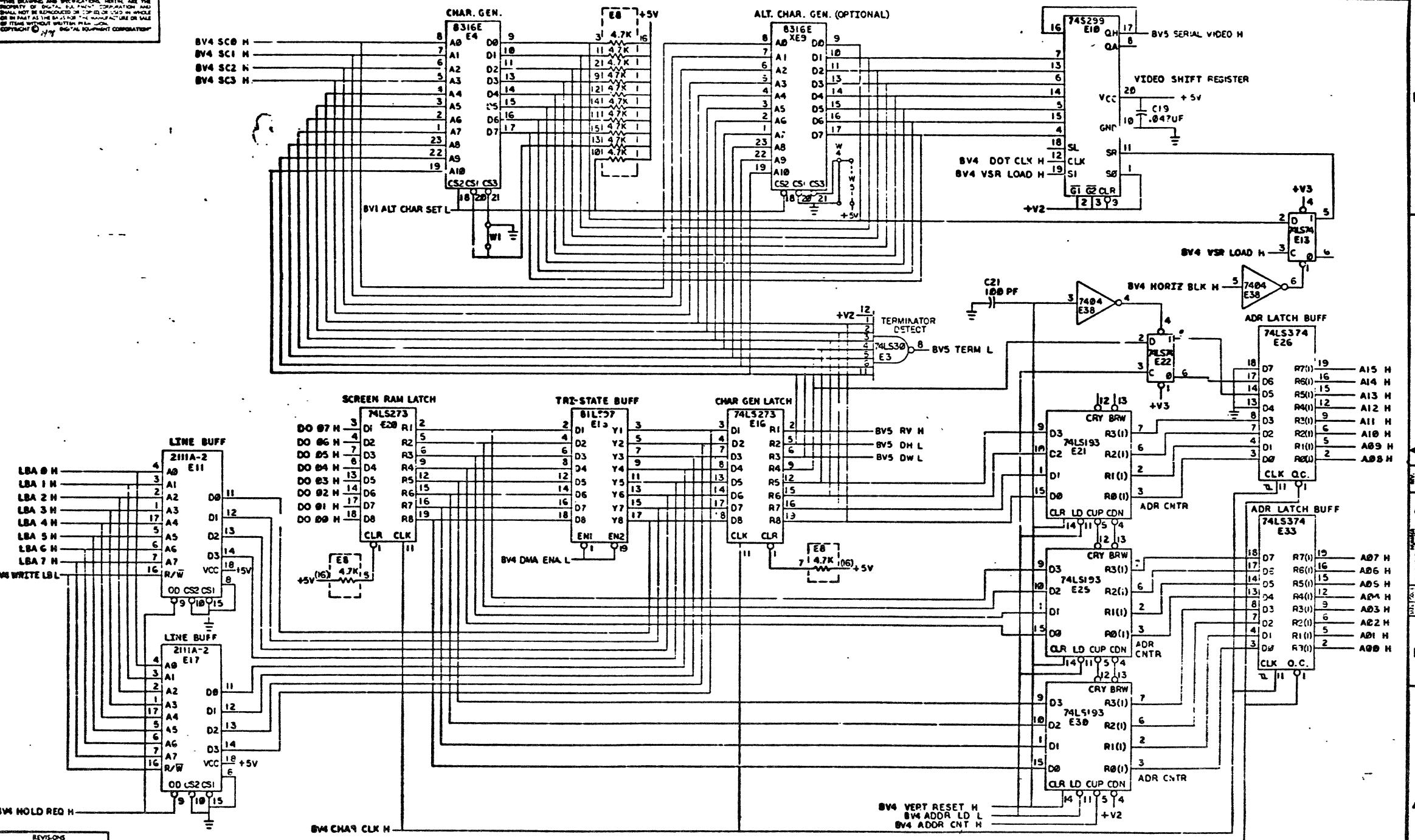
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CAR	CHANGE NO.	REV

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OPTION C H/T DATED AS DRAFTING CORPORATION

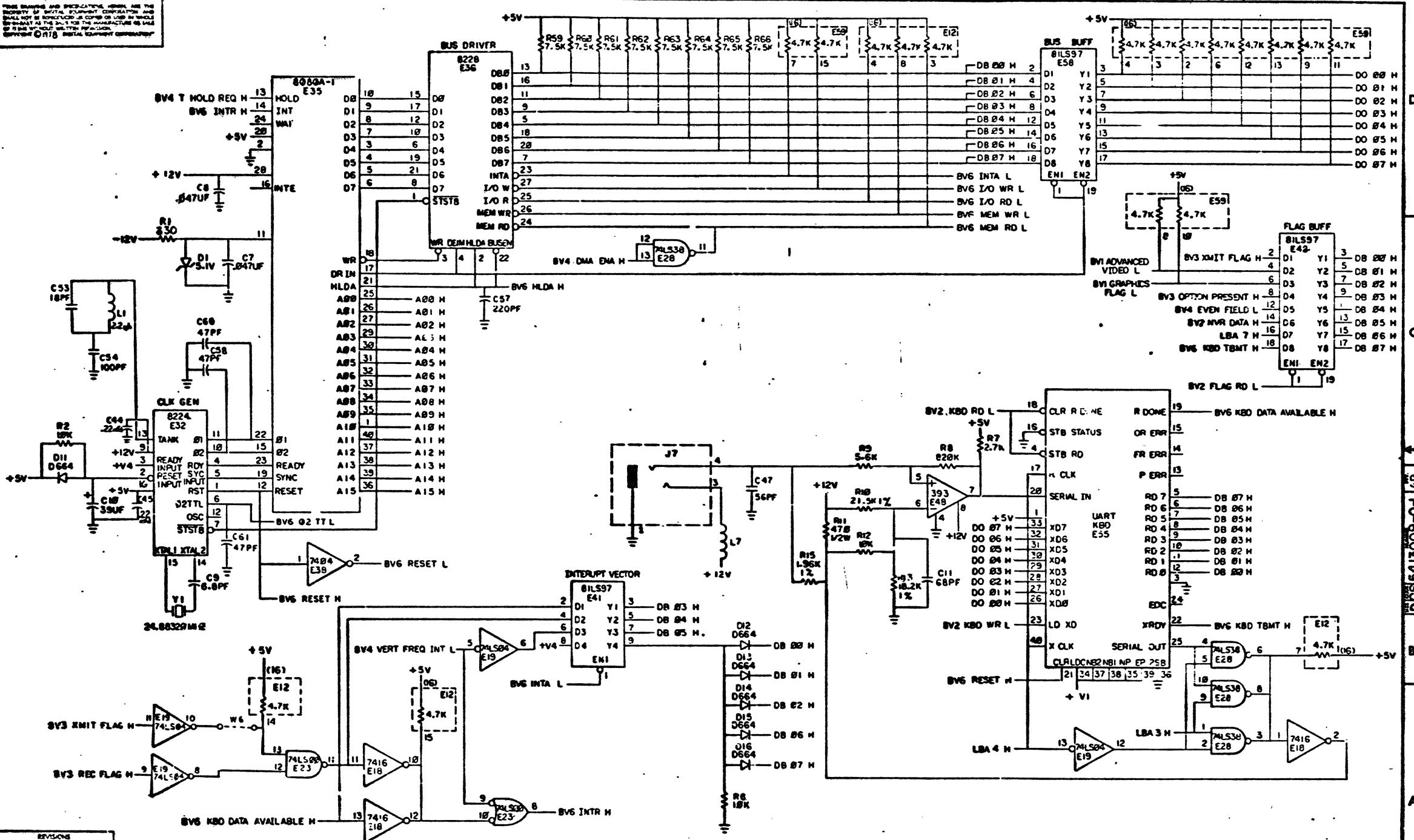


REVISONS

OKR CHANGE NO. REV

TITLE VT100
BASIC VIDEO
SIZE CODE 13.51
NUMBER DCS5413009-C-1
REV. AB

SCALE 1:50 SHEET 1 OF 5 DIST. 1

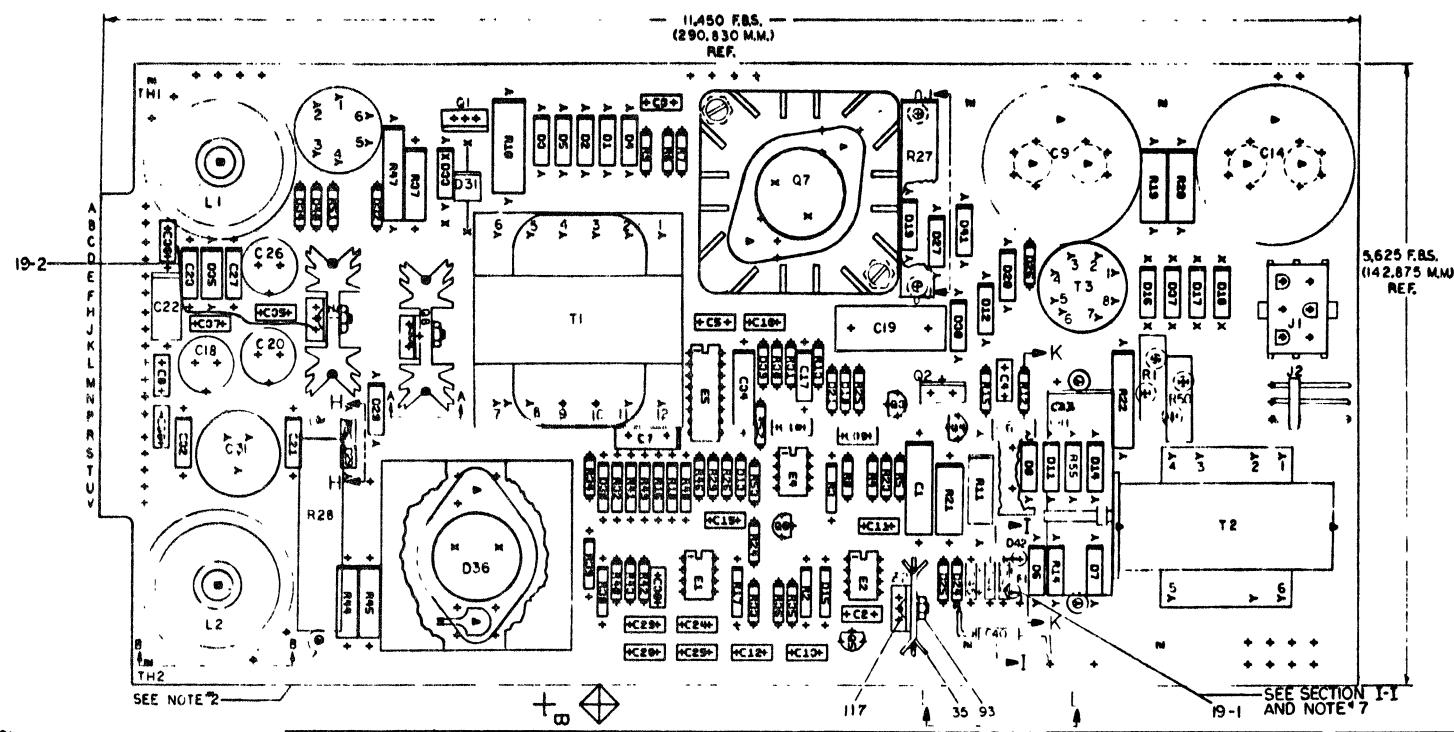
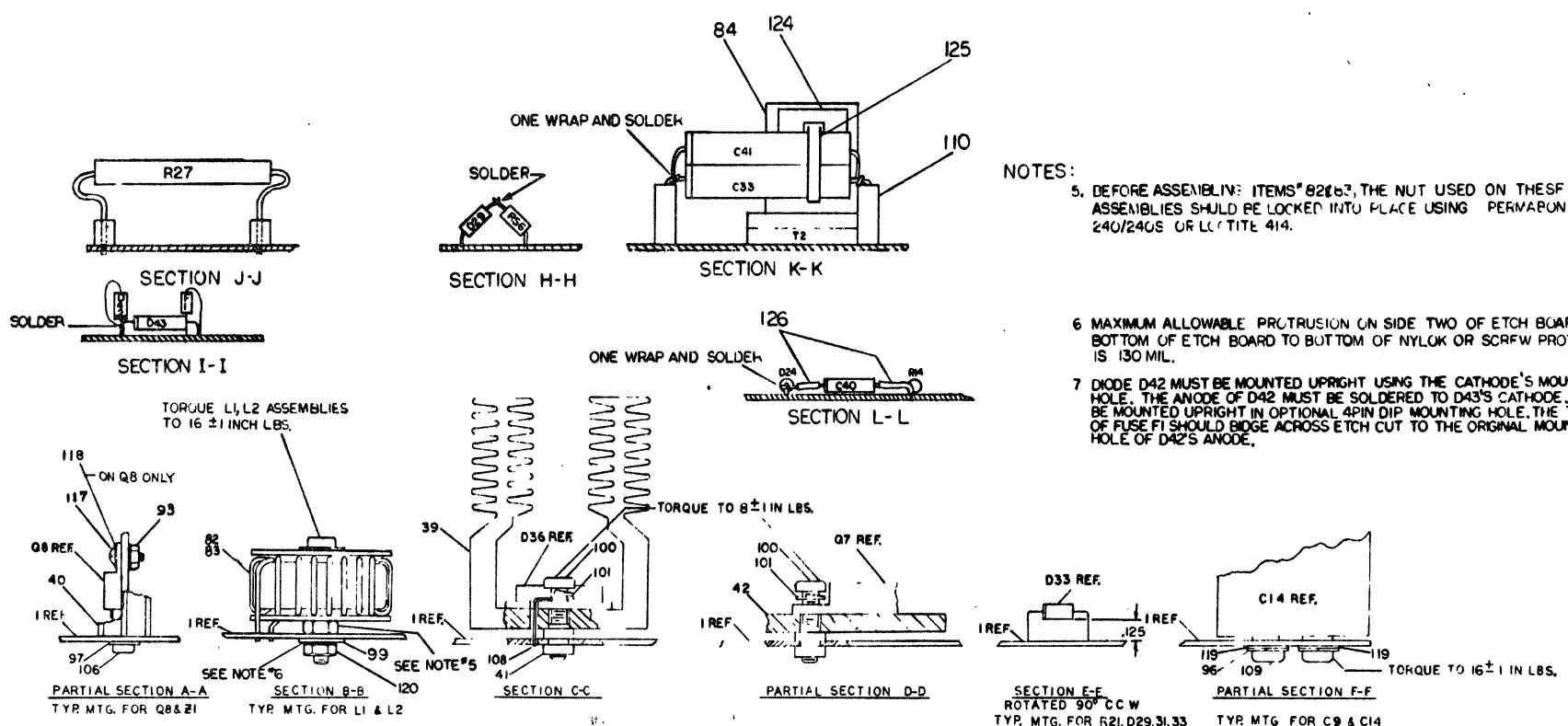


ECO-MLO19 REWORK INSTRUCTIONS
COMPONENT ADJS SIDEI

I-2 AOD JUMPER FROM Z1 H-H2 TO ETCH BETWEEN C36 AND C23
S - F1 FROM 4PIN DIP CPTURAL MOUNTING HOLE TO ANODE MTG.
JOLE OF D42.

WIRE ADJS SIDE I

I-2 AOD JUMPER FROM Z1 H-H2 TO ETCH BETWEEN C36 AND C23



SIGNATURES	DATE	digital
DRW. /	3-16-77	
CHK. D.	4-1-77	
ENG. /	4-2-77	
PROJ. ENG. /	4-2-77	
PROD.		
SCALE /	6126 CODE	NUMBER
BHT. /	OF	UA 541/996-0-014
P.C. DESIGN DATA SHEET REV. C		
ETCH REV. 1		
NEXT HIGHER ASSY. B- DD- 541/996		

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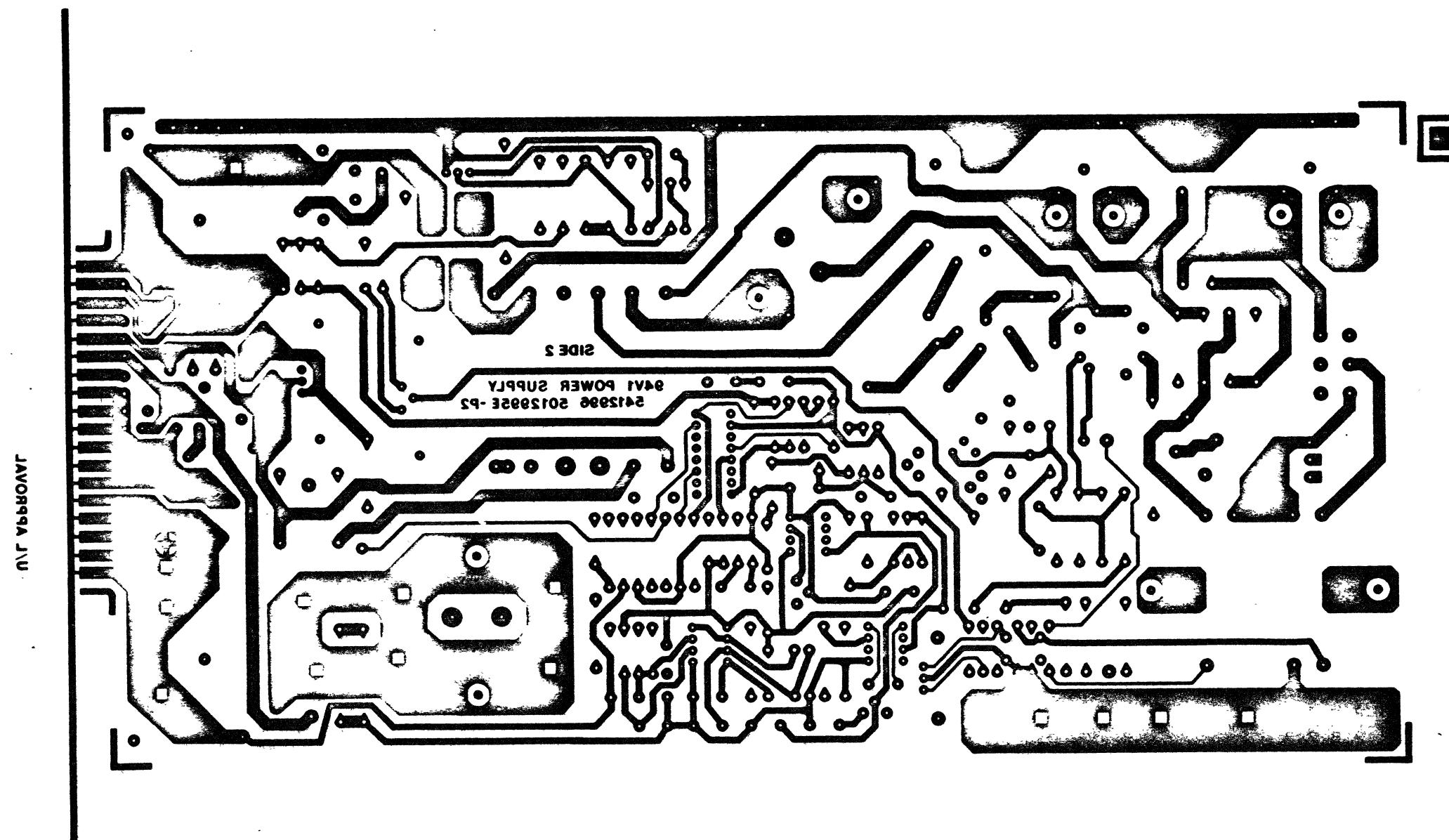
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2 DUA 5412996-0-0 R



JAWOROWSKI

REVISIONS

CMK	CHANGE NO	REV
1		

TITLE
H7831 POWER SUPPLY

SCALE 2/1 SHEET 2 OF 3 DIST

SIZE CODE NUMBER
DUA 5412996-0-0 R

REC'D DATE

1970

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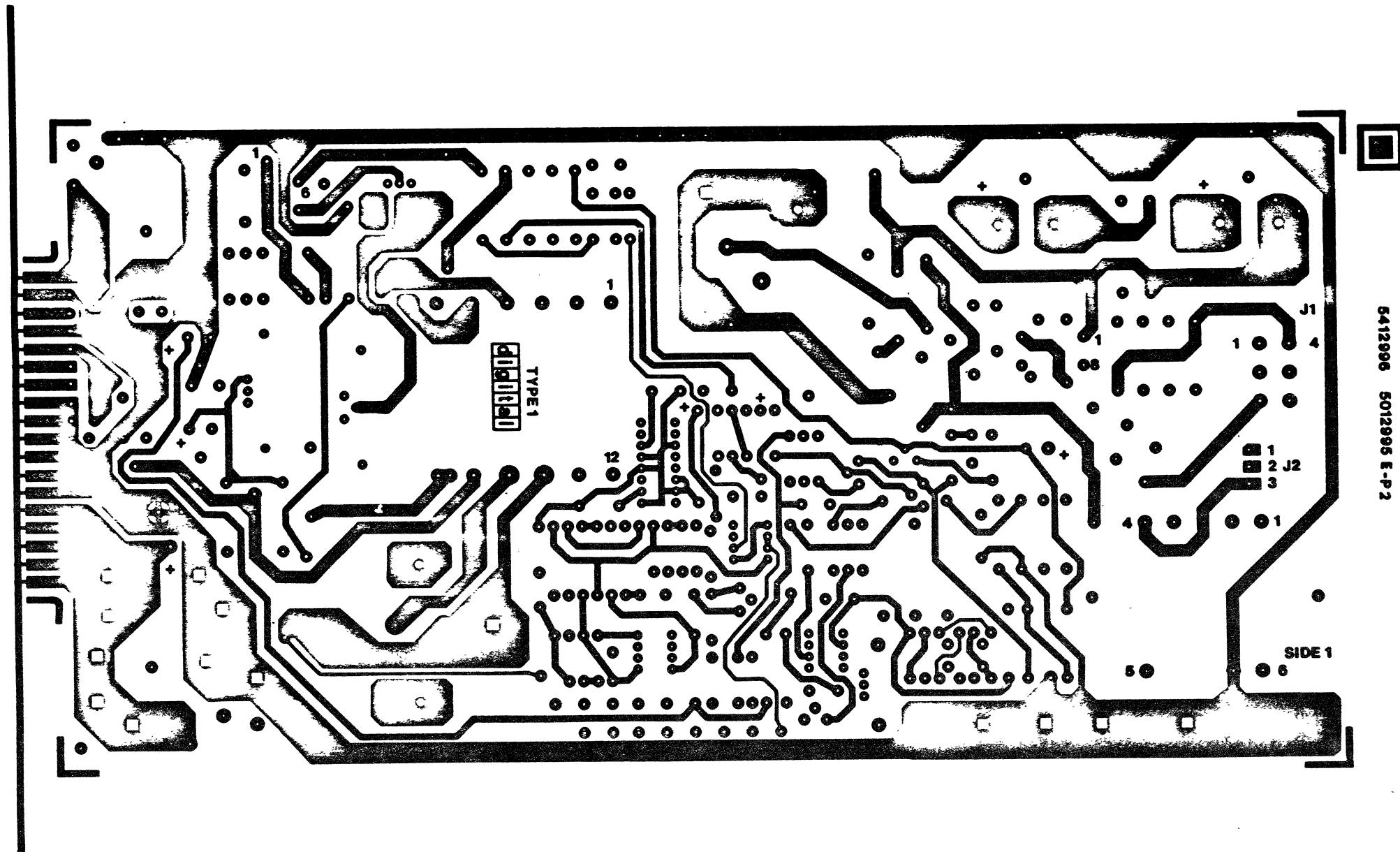
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5412996 5012995 E-P2

U/L APPROVAL



REVISIONS

CHG. CHANGE NO. REV.

PARTS LIST

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
1	1	E-MD-5012995-0-0	5012995-00 H7831 POWER SUPPLY	1	
2	2		1000009-00 33.0 MMF 100V 5%200PPM MICA	1	C2
3	3		1000016-00 100.0 MMF 100V 5%200PPM MICA	3	C5,C15,C16
4	4		1000039-00 .056 MFD 200V 10% MYLR	1	C1
5	5		1000042-00 1000.0 MMF 100V 5%200PPM MICA	5	C13,C24,C25,C28,C29
6	6		1000055-00 2200.0 MMF 250V 20% Y5S DISC	2	C3,C4
7	7		1001610-00 .01 MFD 50V +80-20% Z5U CER	5	C30,C35,C36,C37,C38
8	8		1004812-00 15 MFD 20V 10% S.TANT	2	C34,C40
9	9		1005507-00 1 MFD 100V +50-10% AL EL	1	C22
10	10		1011847-01 .01 MFD 400V 10% POLYPROP	1	C6
11	11		1015202-02 .0033 MFD 1600V 10% POLYPROP	1	C19
12	12		1001776-00 1 MFD 35V 10% S.TANT	1	C17
13	13		1010274-00 .22 MFD 50V +80-20% Z5U CER	4	C8,C10,C11,C12
14	14		1012607-00 560 MFD 20V+100-10% AL EL	1	C26
15	15		1012607-04 270 MFD 40V+100-10% AL EL	1	C20
16	16		1012607-05 20 MFD 200V+100-10% AL EL	1	C18
17	17		1013466-11 .22 MFD 50V +80-20% Z5U CER	4	C21,C23,C27,C32
18	18		1014170-00 *** THIS ITEM IS NOT USED ***	-	
19	19		3800 MFD 6.3V +75-10% AL EL	1	C31
20	20		590 MFD 200V +50-10% AL EL	2	C9,C14
21	21		470 MFD 50V +75-10% AL EL	2	C33,C41
22	22		1100114-00 D 664 QS\75PCB PIV= 25V SP	5	D10,D13,D39,D40,D21
23	23		1105796-00 1N 4054 PIV=400 I= 1A D041 SP	8	D32,D34,D24,D25,D42-D45
24	24		1105873-00 4M5-1AZ1 VZ= 5.1 1% .400W	1	D38
25	25		1109791-01 4M6.8AZ1 VZ= 6.8 1% .40W	1	D15
26	26		1112594-01 A115B PIV=200 I= 3A	1	D31
27	27		1112595-00 A114F PIV= 50 I= 1A	7	D1,D2,D3,D5,D12,D41,D20
28	28		1112595-01 A114B PIV=200 I= 1A	6	D4,D6,D7,D8,D11,D14
29	29		1112595-02 A114M PIV=600 I= 1A	2	D27,D28
30	30		1115529-00 UES2601 PIV=50V I=30A	1	D36

REVISION HISTORY		!BASIC PART NO: 5412996 !		!DRN: VIN PARECHANIAN !DATE: 2-20-78		! ! ! ! ! ! ! !	
!ENG!	ECO NUMBER	!REV	!SECTION A OF A	! ! ! ! ! ! ! !		TITLE PARTS LIST	
IJB	IPN003	IE	!SECTION.VARIATION INDEX	!CHK'D:	KENT GLEESEN	!DATE: 7-JUL-80	
IJB	IPN004	IF	[A] 00				H7831 POWER SUPPLY
IEJ	IPN005	IH	[B]				
ICJ	!5412996-ML006	IJ	[C]	IDES.ENG:	BOB PEDERSEN	!DATE: 7-JUN-78	
IRP	!ML008	IK	[D]				
IRP	!ML009-5412996	IL	[E]				DOCUMENT NUMBER
IGC	!5412996-ML011	IM	[F]	IRESP.ENG.:	BOB PENDERSON	!DATE: 7-JUN-78	
IGC	!5412996-ML015	IN	[H]				SIZE!CODE! NUMBER
IGC	!5412996-ML016	IP	[J]				REV
IDS	!5412996-ML017	IR	[K]	IMFG.ENG.:	T. CORCIARI	!DATE: 7-JUN-78	K PL ! 5412996-0-DBP
IDS	!5412996-ML018	IS	[L]				T
IDS	!5412996-ML019	IT	[M]	IASSEMBLY NUMBER:		!TOP DOCUMENT NUMBER:	FILE NAME:
			[N]	IE-UA-5412996-0-0		!B-DD-5412996-0-0	!EDIT #
							Z1085T.PLS
							45

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LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
					00	
31	31		1114602-00	UES1302 PIV=100V I= 4A	2	D29,D33
32	32		1115112-00	PIV=800V I=1A	2	D19,D30
33	33		1115182-00	IN 5626 PIV=600 I= 3A	4	D16,D17,D18,D37
34	34		1115224-00	VOLT.TRANS.SUPPRESS 12.1	1	D35
35	35		1215228-00	HEAT SINKS,TO-220 01.25X0.87	1	
36	36		1212204-10	HEADER.156 3POS RT ANGLE	1	J2
37	38		1212297-05	MATE-N-LOK 06PIN(2X03).250CC HDR	1	J1
38	39		1211987-03	HEAT SINK,TO-3 1.750X01.7	1	
39	40		1213921-03	HEAT SINK,EXTRUSION 1.380X2.50	2	
40	41		1214789-00	INSERT,THREAD	4	
41	42		1210012-04	HEAT SINKS,	1	
42	43		1300219-00	.68.0 .25 W 5.0 Z	CC 2	R9,R12
43	44		1300249-00	150.0 .50 W 5.0 Z	CC 1	R14
44	45		1300271-00	220.0 .25 W 5.0 Z	CC 1	R6
45	46		1300288-00	270.0 2.0 W10.0 Z	CC 1	R10
46	47		1300316-00	470.0 .25 W 5.0 Z	CC 2	R13,R46
47	48		1300365-00	1.0 K .25 W 5.0 Z	CC 3	R26,R35,R43
48	49		1300417-00	2.20 K .25 W 5.0 Z	CC 1	R8
49	50		1300426-00	2.70 K .25 W 5.0 Z	CC 1	R23
50	51		1300488-00	12.0 K .25 W 5.0 Z	CC 1	R4
51	52		1300496-00	15.0 K .25 W 5.0 Z	CC 1	R24
52	53		1300536-00	100.0 K 1.0 W10.0 Z	CC 2	R19,R20
53	54		1301317-00	10.0 .25 W 5.0 Z	CC 3	R7,R15,R25
54	55		1302091-00	330.0 K .25 W 5.0 Z	CC 2	R30,R51
55	56		1302177-00	47.0 K .25 W 5.0 Z	CC 1	R31
56	57		1302388-00	2.0 K .25 W 5.0 Z	CC 1	R29
57	58		1310867-00	680.0 K .25 W 5.0 Z	CC 1	R33
58	59		1303187-00	820.0 K .25 W 5.0 Z	CC 1	R5
59	60		1304833-00	1.96 K .25 W 1.0 Z RN55D-F10	1	R3
60	61		1304854-00	5.11 K .25 W 1.0 Z RN55D-F10	4	R32,R41,R48,R49
61	62		1304852-00	1.62 K .25 W 1.0 Z RN55D-F10	1	R16
62	63		1304868-00	2.74 K .25 W 1.0 Z RN55D-F10	1	R2
63	64		1305108-00	1.47 K .25 W 1.0 Z RN55D-F10	1	R39
64	66		1309422-00	5.10 .50 W 5.0 Z	CF 1	R34
65	67		1309595-00	1.0 M .25 W 5.0 Z	CC 3	R36,R40,R42
66	68		1310188-00	300.0 10.0 W 5.0 Z	WW 1	R28
67	69		1311338-00	82.0 3.0 W 5.0 Z	WW 2	R21,R11
68	70		1305336-00	200.0 K .25 W 1.0 Z RN55D-F10	1	R17
69	71		1313014-00	.01 3.75 W 3.0 Z	WW 3	R37,R44,R45
70	72		1317917-00	500.0 13.0 W 5.0 Z	WW 1	R27
71	73		1313341-00	*** THIS ITEM IS NOT USED ***	-	
72	74		1314270-00	5.0 15.0 Z NTC THERM	2	R1,R50
73	75		1314350-00	1.0 2.0 W10.0 Z FUSE	2	R22,R47
74	76		1510705-00	XA 05 NPN 500MW SI 60 50 P	2	Q3,Q6
75	77		1510706-00	XA 55 PNP 500MW SI 60 50 P	2	Q4,Q5
76	78		1517910-00	2N 6547 NPN TO-3	1	Q7
77	79		1514271-00	D 4401 NPN 31W SI	3	Q1,Q2,Q8
78	80		1614272-00	PULSE XFMR,4 WOUND	1	T3

! ! ! ! ! ! !	! ! ! ! ! ! !	! ! ! ! ! ! !	! ! ! ! ! ! !			
I D	I I G	I I T A L	I SECTION A OF A	I SIZE!CODE!	DOCUMENT NUMBER	! REV !
! ! ! ! ! ! !	H7831 POWER SUPPLY	! ! ! ! ! ! !	! ! ! ! ! ! !	K PL	5412996-0-DBP	T !

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
79	81	1614273-00	PULSE XFMR, TRI-WOUND	00	
80	82	1615251-00	42.0 UH VARIABLE L 11A	1	T4
81	83	1615252-00	210.0 UH VARIABLE 2.75A	1	L2
82	84	1615253-00	XFMR P=AB S=25V	1	L1
83	85	1615668-01	XFMR P=240/480 S=120	1	T2
84	86	1910282-00	301AN OP AMP	1	T1
85	87	1911944-00	555CN TIMER, FUNCT. BLOCK	1	E2
86	88	1912048-06	DEC 7812 VOLT REG, FIX +12V	2	E4
87	89	1914156-00	LM 393 VOLT. COMPARATOR DUAL	1	Z1, Z2
88	90	1914250-00	3524 MODULATOR-REGULATING	1	E1
89	93	9006557-00	NUT, KEP 4-40X 1/4 AF	3	E5
90	97	9008172-00	WASHER, FLAT SST	4	
91	99	9006666-00	WASHER, FLAT SST	2	
92	100	9007793-01	SCREW, MACH PAN PHIL 6-	4	
93	101	9007801-00	WASHER, HELICAL SPLIT SST	4	
94	106	9009236-01	SCREW, TAP PAN PHIL THD CT 4-	4	
95	108	9009676-00	TERM, SOLDER BARRIER STR	1	
96	109	9009795-00	SCREW, SEMS PAN SLOT 10-	4	
97	110	9009798-00	SPACER, CLEAR HOLE RND CERAM .07	10	
98	112	1300197-00	33.0 .25 W 5.0 Z CC	1	
99	113	1302466-00	100.0 K .25 W 5.0 Z CC	1	R52
100	114	1305253-00	121.0 K .25 W 1.0 Z RN55D-F10	1	R53
101	115	1001765-00	.005 MFD 100V 20% 25T DISC	1	R38
102	117	9006010-01	SCREW, MACH PAN PHIL 4-	3	C39
103	118	9009769-00	WASHER, RECTNGLR STEEL	1	
104	119	9006664-00	WASHER, FLAT SST	4	
105	120	9006563-00	NUT, KEP 8-32X 11/13AF	2	
106	121	1105796-01	5796-1PIV=400 I=1A D041	1	D26
107	122	1300285-00	270.0 .50 W 5.0 Z CC	1	R55
108	123	1311867-00	.50 3.0 W 1.0 Z WW	1	R56
109	124	9008264-00	MOUNT, CABLE TIE, ADHESIVE BACKE	1	
110	125	9007031-00	TIE, CABLE BUNDL. DIA 0- 3/4"=101	1	
111	126	9107278-09	TUBING, TEFLON .042ID	A/R	
112	127	1018960-00	6800.0 MMF 100V 1Z MICA	1	C7
113	128	9107350-55	WIRE, 22AWG(07/30)IPVC 150V	A/R	
114	129	1312923-00	2.10 K .25 W 1.0 Z RN55D-F10	1	R18
115	130	1210929-03	FUSE, SUB-MINI .750A, 125V, A	1	F1

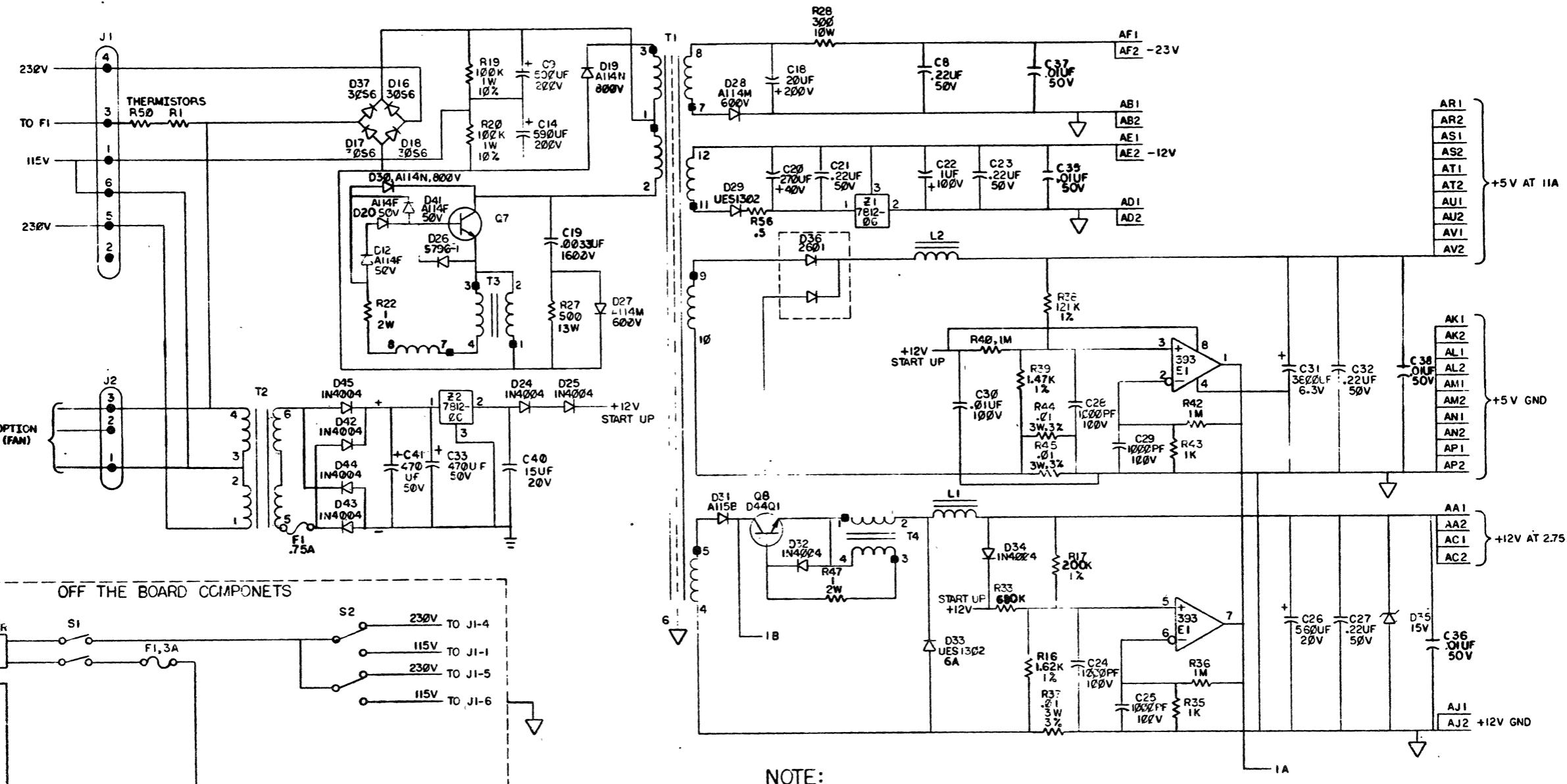
116 NOTE: SEE E-UA-5412996-0-0 FOR ADDITIONAL INSERTION INFORMATION

117 NOTE: USE 1313191-00 UNTIL EXISTING STOCK HAS BEEN DEPLETED THEN USE 1317917-00.

TITLE				SECTION A OF A		SIZE	CODE	DOCUMENT NUMBER	REV
D	I	G	I	T	A	L	H	PL	K

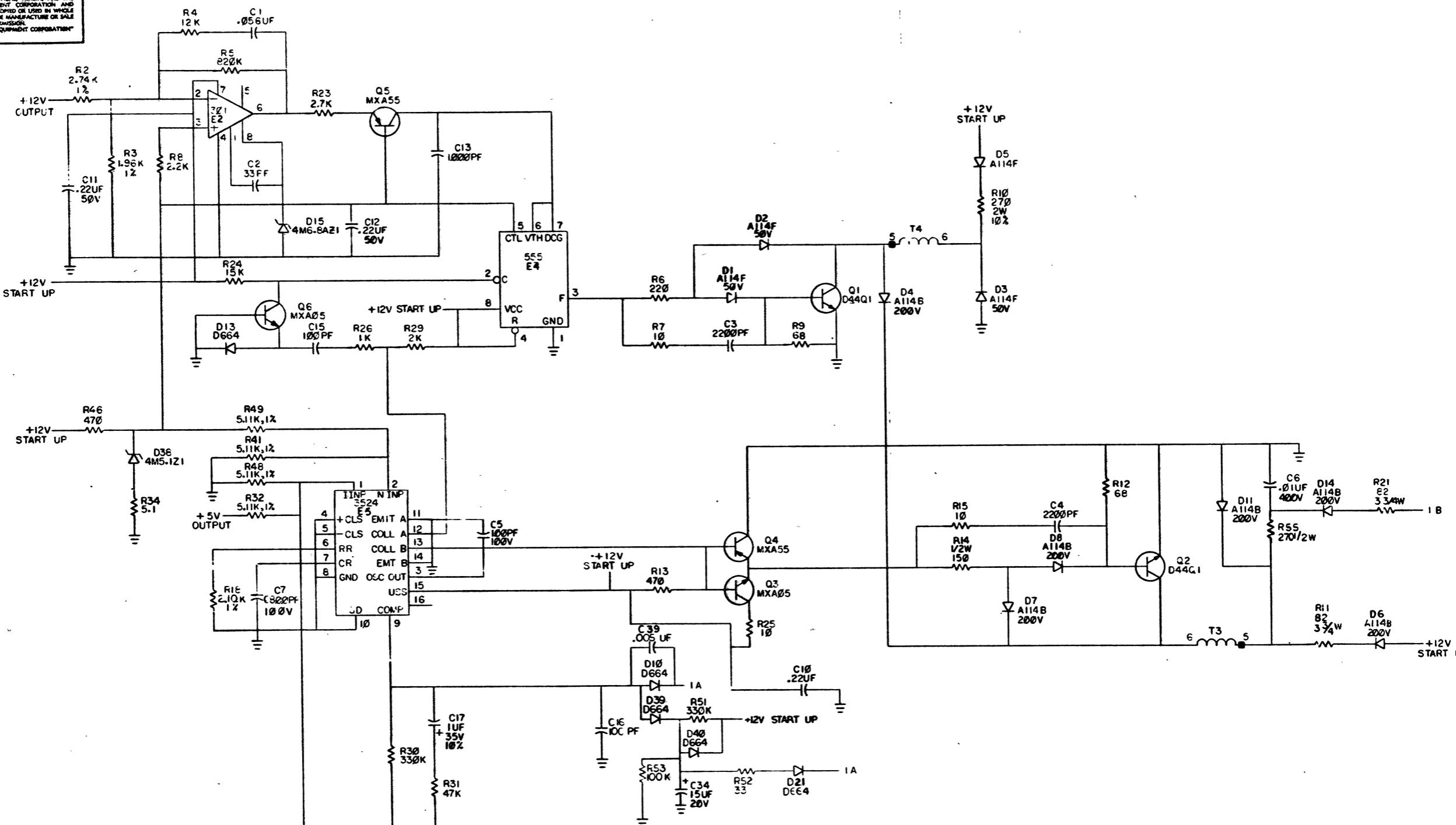
H7831 POWER SUPPLY

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DEPARTMENT 6117
DIGITAL EQUIPMENT CORPORATION



FIRST USED ON		H7831	Digitized
TITLE		H7831	
NEXT HIGHER ASY.		POWER SUPPLY	
B-00	-5412996-C		
SCALE	++		
SHEET	1 OF 2		
DIST.			

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REVISIONS		
CHG.	CHANGE NO.	REV.

TITLE
H7831 POWER SUPPLY

SIZE/CODE
D/CS 5412996-C-1
REV. U

SCALE 1:1 SHEET 2 OF 2 DIST.

8 7 6 5 4 3 2 1

8

7

6

5

4

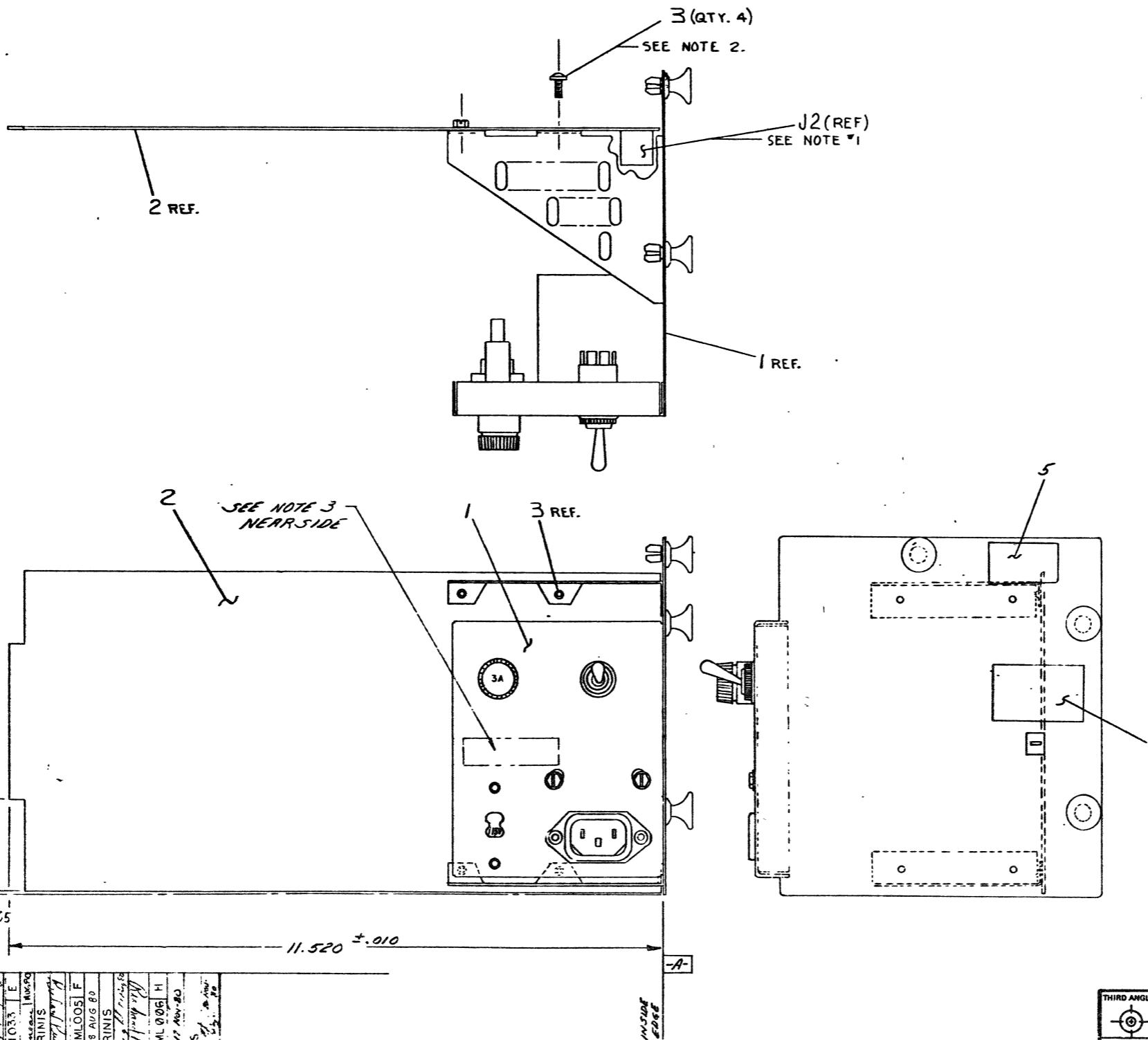
3

2

1

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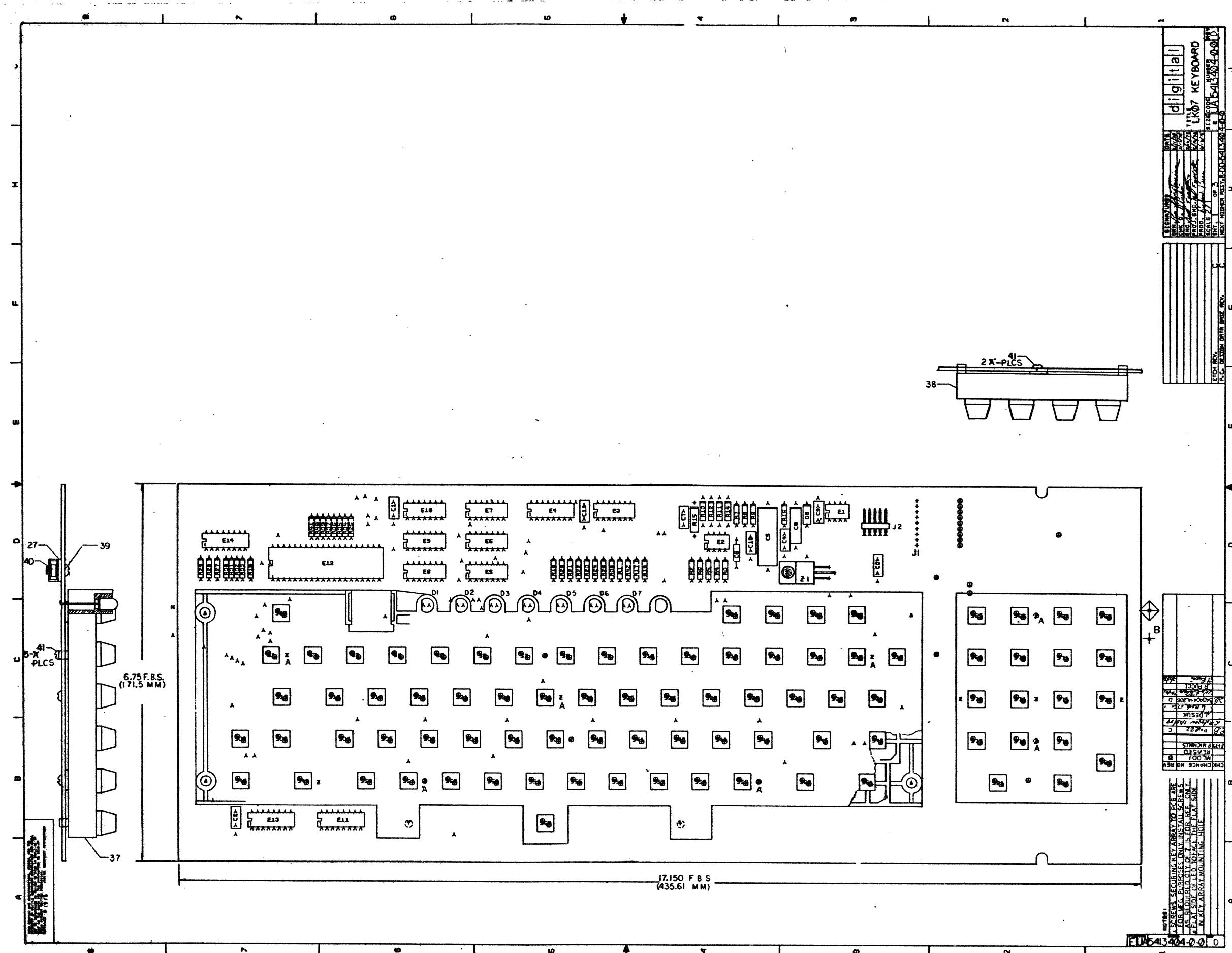


NOTES:

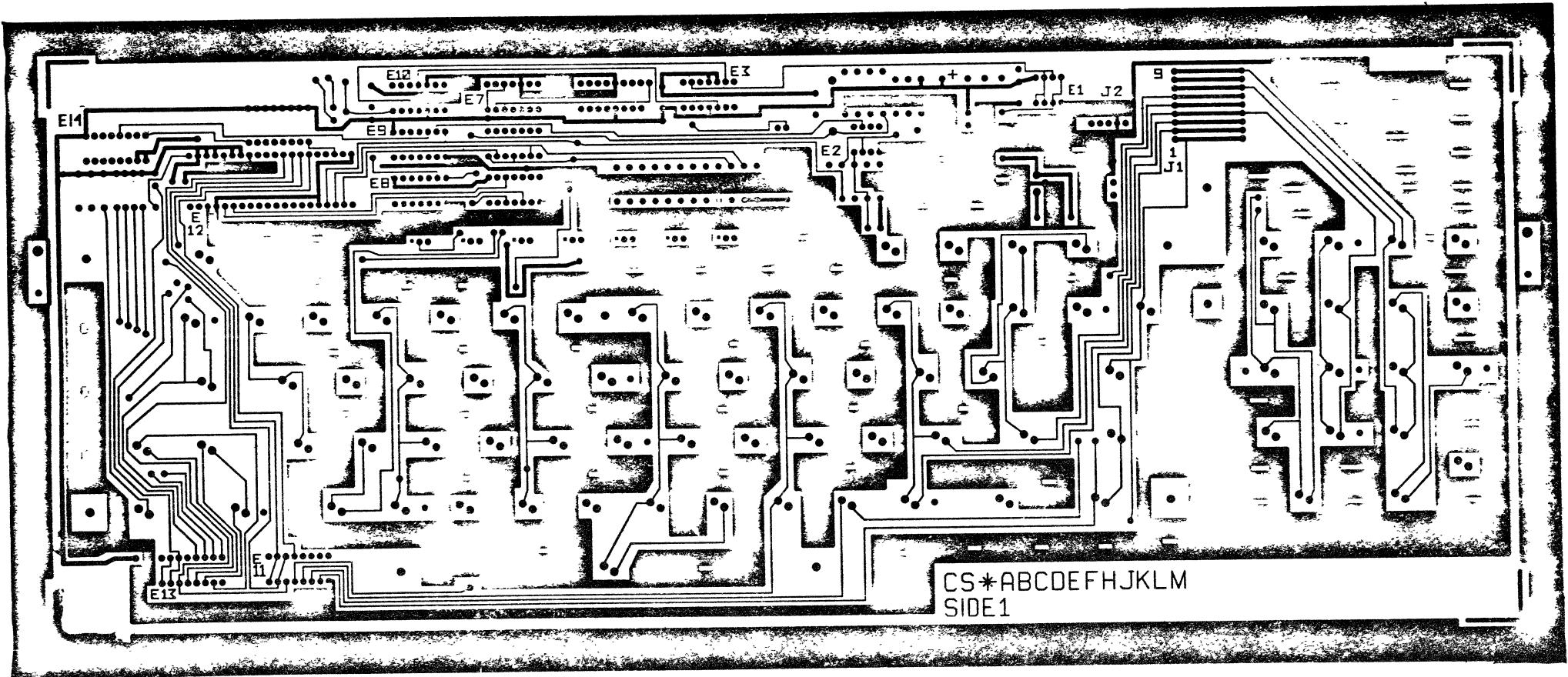
1. CONNECT PLUG FROM ITEM 1 (7015053-0-0) TO J2 ON ITEM 2 (5412996).
2. INSTALL ITEM 3 AS SHOWN, TYP. 4 PLACES.
3. IDENTIFICATION: STAMP USING 1/8" CHARACTER HEIGHT AS INDICATED BELOW TO HIGHEST LEVEL OF SUBASSEMBLY SPECIFIED ON PURCHASE ORDER AND LOCATE APPROX. AS SHOWN ON DRAWING
 - A.) PART NUMBER
 - B.) REVISION
 - C.) VENDOR IDENTIFICATION.
4. LOCATE ITEM NO. 4 & 5 APPROX AS SHOWN.
5. ADD CSA LABEL 3613211-01 FOR ALL FAR EAST BUILT UNITS AS DIRECTED BY CORPORATE PRODUCT SAFETY. LABEL TO BE LOCATED UNDER SERIAL LABEL.
6. FOR INDIVIDUAL FIELD SERVICE OR CUSTOMER SPARES SHIPMENTS USE PACKAGING INSTRUCTIONS A-SP-3700552-0-0; FOR BULK INTERPLANT SHIPMENTS USE PACKAGING INSTRUCTION A-SP-3700437-0-0 VARIATION - Ø Ø

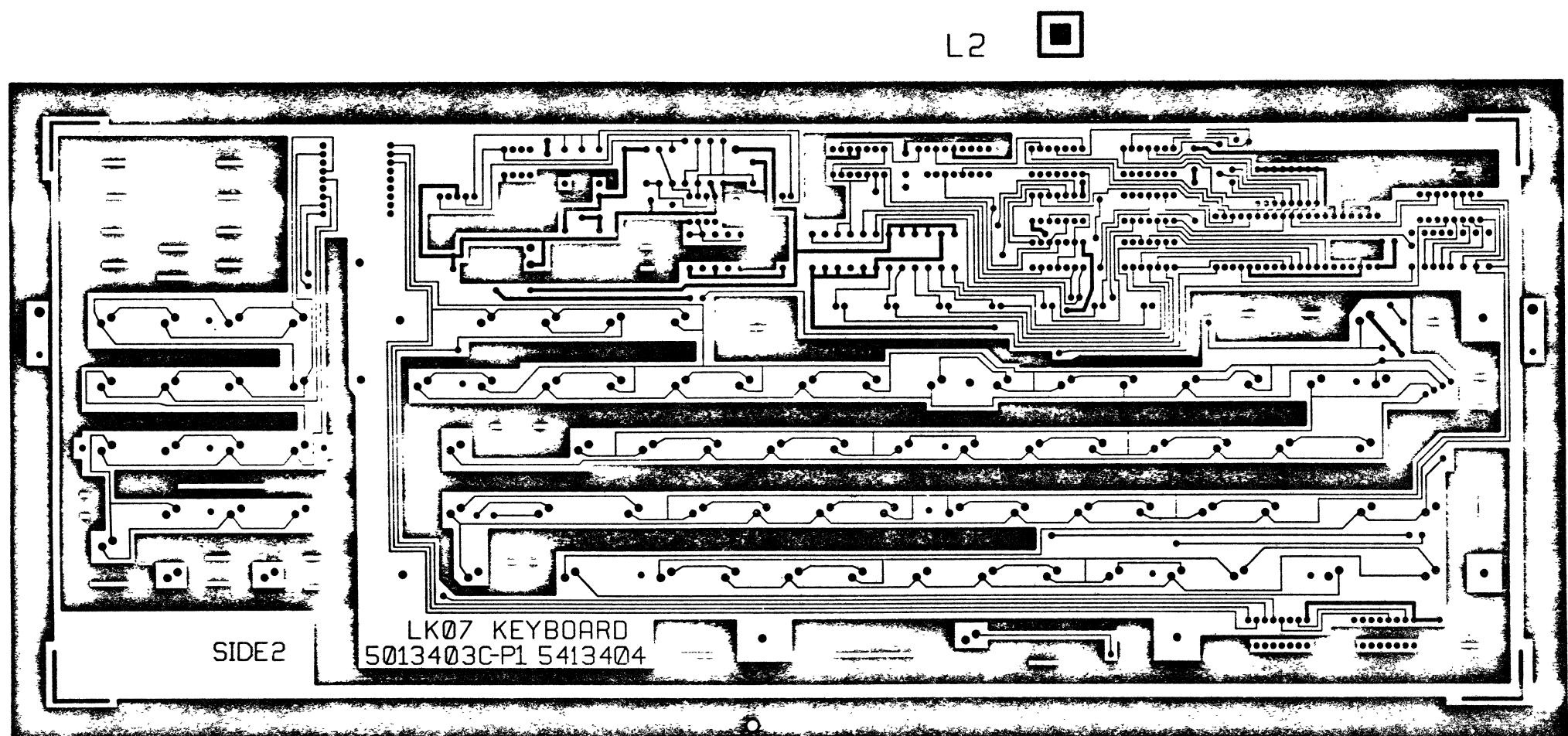
CAUTION: OFF SHEET PARTS LIST EXIST.
REFER TO K-PL-7014979-0-DBP

DESCRIPTION		DWG. PART NO	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
ANGLES 20° 30'	CLASS OF ACCURACY (CHECK ONE)	NOMINAL DIMENSION RANGE INCHES	
	MEDIUM	OVER 0	OVER 0.2
		TO 1.2	TO 1.2
		OVER 1.2	OVER 12.0
		TO 12.0	TO 40.0
		OVER 12.0	OVER 40.0
		TO 40.0	TO 80.0
		OVER 40.0	OVER 80.0
MICRONCHES	PREFERRED	±.004	±.008
QUANTITY & VARIATION		±.012	±.016
DRN. D. Boarders	7-077	FIRST USED ON	V10Ø digital
CHK'D J. DeMarinis	202677	TITLE	POWER SUPPLY ASSY.
ENG C. DeMarinis	202677		
PROJ. ENG C. DeMarinis	17-077		
PROD. C. DeMarinis	5-077		
DO NOT SCALE DWG		NEXT HIGHER ASSY.	
MATERIAL SEE PARTS LIST		E-UA-VT4Ø-Ø-Ø	SIZE CODE
FINISH	++	DAD	NUMBER
SHEET	1 OF 1	DIST. 1	REV. H



5413404
5013403 C-PI L1





LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
				00	
1	1	D-MD-5013403-0-0	5013403-00 DRILL & ETCH DRAWING	1	
2	2		1000014-00 68.0 MMF 100V 5X200PPM MICA	1	C7
3	3		1000075-00 25 MFD 25V +75-10% AL EL	1	C5
4	4		1001634-00 *** THIS ITEM IS NOT USED ***	-	
5	5		1005306-00 6.8MF D 35V 10% S.TANT	1	C8
6	6		1012784-00 .047 MFU 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 1MCD010MA PIV=3 .750 MIN. LE	7	D1-D7
9	9		1215048-00 PCB,HEADER 05PIN(1X05).J98CC 90D	1	J2
10	10		1300319-00 390.0 .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 18.22 K .25 W 1.0 % RN55D-F10	1	R13
24	24		1909686-00 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		DRN: T SHETRAWSKI DATE: 23-JUL-79		D I G I T A L	
ENGI	ECO NUMBER	REV	SECTION A OF A			TITLE	PARTS LIST
IRP	!5413404-ML001	!B	!SECTION.VARIATION INDEX	CHK'D:	T SHETRAWSKI	DATE: 23-JUL-79	
IJ.D!	!5413404-PN002	!C	!CAJ 00				VT100 FULL KEYBOARD
IJ.B!	!5413404-PN003	!D	!CBJ				
ICJ	!5413404-ML004	!E	!CCJ	DES.ENG:	M MORGESTERN	DATE: 23-JUL-79	
ICJ	!5413404-ML005	!F	!CDJ				
IRP	!5413404-ML006	!H	!CEJ				DOCUMENT NUMBER
!AC	!5413404-ML007	!J	!CFJ	RESP.ENG.:	M MORGESTERN	DATE: 23-JUL-79	
			!CHJ				SIZE!CODE! NUMBER ! REV
			!CJJ				
			!CKJ	MFG.ENG.:	T CORCIARI	DATE: 23-JUL-79	K ! PL ! 5413404-0-DBP ! J
			!CLJ				
			!EMJ	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:	FILE NAME: ! EDIT #
			!ENJ	!D-UA-5413404-0-0			Z0783J.PLS ! 13

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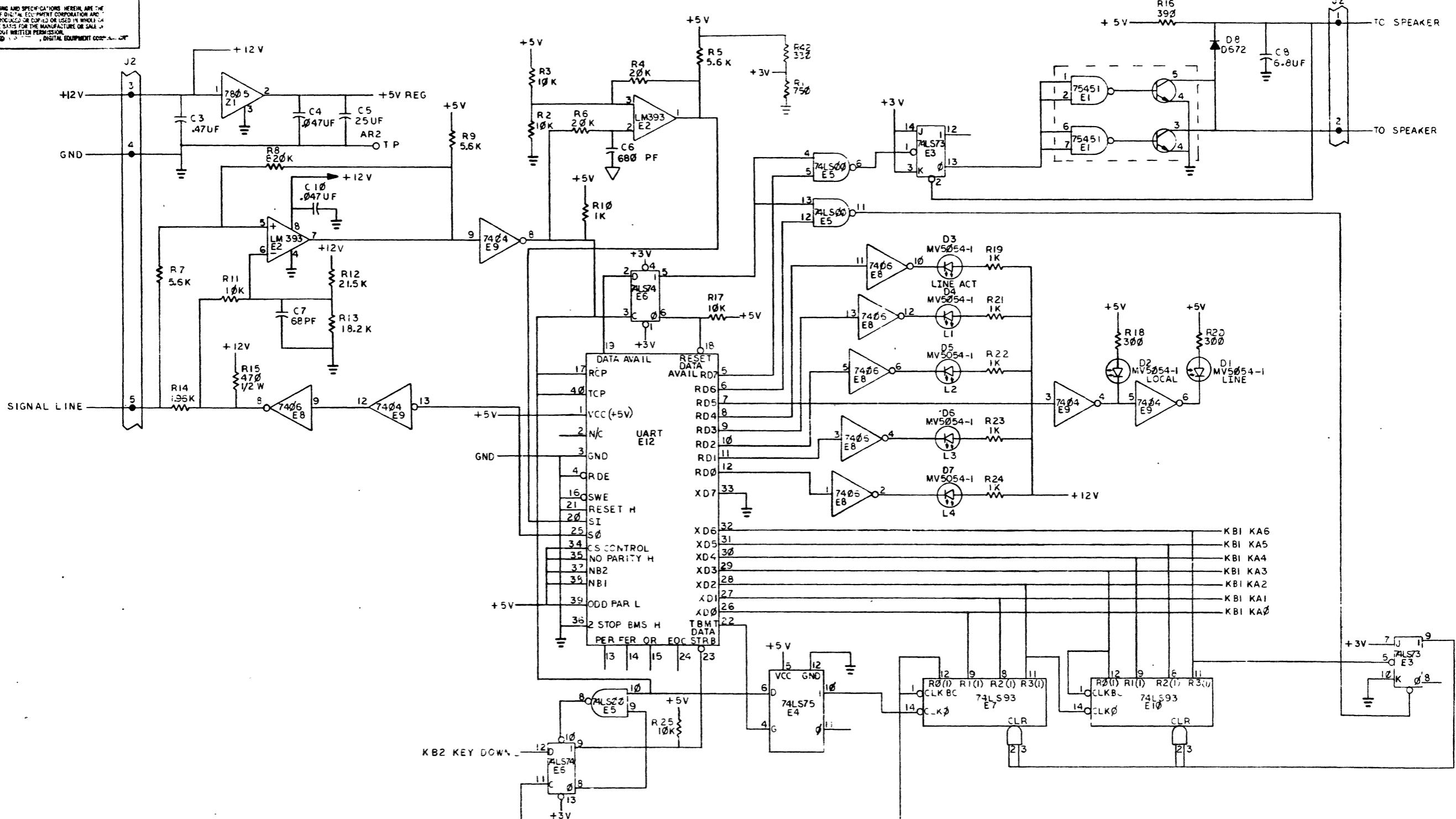
PARTS LIST

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	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,MACH PAN PHIL	6-	
40	40	9008185-00	NUT,KEP 6-32X 1/4 AF	1	
41	41	9010033-00	SCREW,TAP PAN PHIL THD CT	4-	
42	42	1012312-01	.47 MFD 50V +80-20% CER	7	
43	43 SEE NOTE	1000026-00	680.0 MMF 100V 5Z200PPM MICA	1	C3 C6

44 NOTE: 1013466-50 IS AN ALTERNATE PART NUMBER FOR 1000026-00

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

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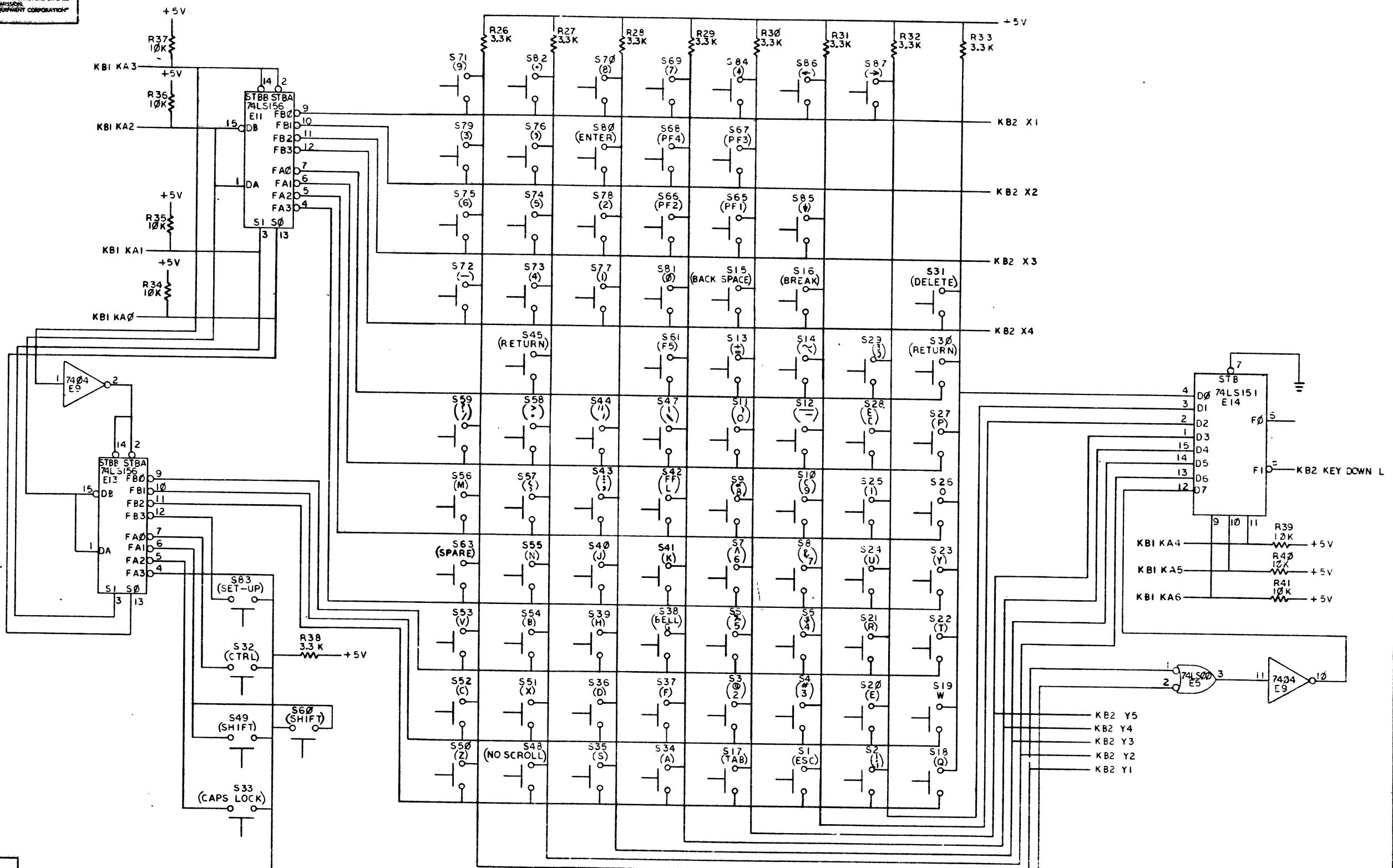


REVISIONS		REV.	CHG. NO.	REV.
J1	MLO01	B	Rev. B	22577
J2	J. DISLIK	C	J. DISLIK	22577
J3	P. NICHOLS	D	P. NICHOLS	22577
J4	R. PUCCI	E	R. PUCCI	22577
J5	J. JAHN	F	J. JAHN	22577
J6	J. JAHN	G	J. JAHN	22577
J7	J. JAHN	H	J. JAHN	22577
J8	J. JAHN	I	J. JAHN	22577
J9	J. JAHN	J	J. JAHN	22577
J10	J. JAHN	K	J. JAHN	22577
J11	J. JAHN	L	J. JAHN	22577
J12	J. JAHN	M	J. JAHN	22577
J13	J. JAHN	N	J. JAHN	22577
J14	J. JAHN	O	J. JAHN	22577
J15	J. JAHN	P	J. JAHN	22577
J16	J. JAHN	Q	J. JAHN	22577
J17	J. JAHN	R	J. JAHN	22577
J18	J. JAHN	S	J. JAHN	22577
J19	J. JAHN	T	J. JAHN	22577
J20	J. JAHN	U	J. JAHN	22577
J21	J. JAHN	V	J. JAHN	22577
J22	J. JAHN	W	J. JAHN	22577
J23	J. JAHN	X	J. JAHN	22577
J24	J. JAHN	Y	J. JAHN	22577
J25	J. JAHN	Z	J. JAHN	22577

DRN. 7	S2	22577	FIRST USED ON	VT100	digital
CHK'D	_____		TITLE	VT100 FULL KEYBOARD	
ENG. 1	22577		PROJ. ENG.	22577	
PROD. 1	22577		PROD. 1	22577	
NEXT HIGHER ASSY.					
D-DO-5413404-0-0					
SCALE	/	/	SIZE	CODE	NUMBER
REF. NO.	5413404-0-1	REV.			
SHEET	OF 3	DIST			

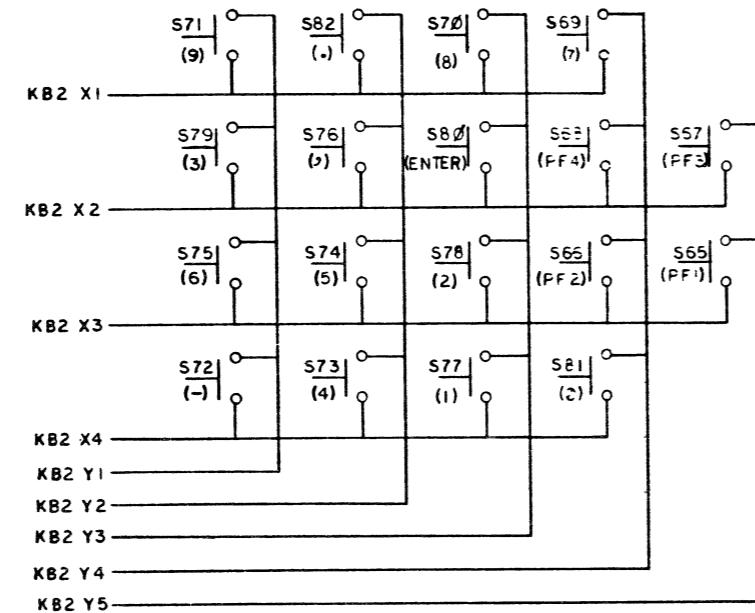
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REVISIONS		
CHK	CHANGE NO.	REV.

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REVISIONS		
CHK	CHANGE NO.	REV.

TITLE VT103 FULL KEYBOARD	(KB3)	SIZE CODE D	NUMBER 5413404-0-1	REV. F
SCALE 1 / 1	SHEET 3 OF 3	DIST.		

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 B				TITLE
	INITIAL	F	SECTION. VARIATION INDEX	CHK'D:	D. HEALY	DATE: 7 APR 78	PARTS LIST
JD	7015765-ML005	F	[A] 00,01,02,03,04,05, 05,07,08,09,10,11				KEYBOARD/KEYCAP ASSEMBLY
JO	7015765-ML006	H	[B] 12,13	DES.ENG.:	E. WEDEKING	DATE: 10 MAY 78	
GB	7014653-ML006	J	[C]	RESP.ENG.:	G. DOUMANI	DATE: 17 MAY 7	DOCUMENT NUMBER
		[D]					SIZE CODE NUMBER
		[E]		MFG.ENG.:	K. HOFFMAN	DATE: 10 MAY 78	REV.
		[F]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER: D-AD-7015765-0-0	FILE NAME: Z1933J.PLS
						#B-DD-7015765-0	EDIT # 10

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LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION	
				12	13
1	E-AD-5413404-0-0	5413404-00	VT100 FULL KEYBOARD	1	1
2	E-AD-5413404-0-0	5413404-01	*** THIS ITEM IS NOT USED ***	-	-
3	C-AD-7015050-0-0	7015050-00	SPACE BAR ASSY	1	1
4		1214332-00	SW ARRAY CAP ADAPTER	83	83
5		1214333-73	*** THIS ITEM IS NOT USED ***	-	-
6		1214333-91	*** THIS ITEM IS NOT USED ***	-	-
7		1214333-00	*** THIS ITEM IS NOT USED ***	-	-
8		7420120-00	*** THIS ITEM IS NOT USED ***	-	-
9	D-AR-7015765-0-1		KEYBOARD/KEYCAP ASSY	REF	REF
10		1214333-J0	*** THIS ITEM IS NOT USED ***	-	-
11		1214333-W2	*** THIS ITEM IS NOT USED ***	-	-
12		1214333-CP	*** THIS ITEM IS NOT USED ***	-	-
13		1214333-CB	*** THIS ITEM IS NOT USED ***	-	-
14		1214333-8U	*** THIS ITEM IS NOT USED ***	-	-
15		1214333-EY	*** THIS ITEM IS NOT USED ***	-	-
16		1214333-2Y	*** THIS ITEM IS NOT USED ***	-	-
17		1214333-3W	*** THIS ITEM IS NOT USED ***	-	-
18	D-AD-7015050-0-0	7015050-01	*** THIS ITEM IS NOT USED ***	-	-
19	A-SP-3700555-0-0	3700555-00	PKG KEYBOARD 7015765	1	1
20	A-SP-3700439-0-0	3700439-00	INSTR PKG. BULK CARTON 99-06476-	1	1
21	C-MD-7424160-0-0	7424160-00	SPACE BAR EQUALIZER CLIP	2	2
22		1214333-WE	*** THIS ITEM IS NOT USED ***	-	-
23		1214333-WD	*** THIS ITEM IS NOT USED ***	-	-
24		1214333-WH	*** THIS ITEM IS NOT USED ***	-	-
25		1214333-KZ	KEYCAP SET, VT100	19PCS	1
26		1217800-66	KEYCAP SET, VT102-WA	72PCS	1

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 B OF B	CHK'D:	D. HEALY	DATE: 7 APR 78	TITLE		PARTS LIST				
--	INITIAL	F	SECTION. VARIATION INDEX	DES.ENG.:	E. WEDEKING	DATE: 10 MAY 78	KEYBOARD/KEYCAP ASSEMBLY						
JD	7015765-ML005	F	[A] 00,01,02,03,04,05, 06,07,08,09,10,11	RESP.ENG.:	G. DOUMANI	DATE: 17 MAY 7	DOCUMENT NUMBER						
JD	7015765-ML006	H	[B] 12,13	MFG.ENG.:	K. HOFFMAN	DATE: 10 MAY 78	K	PL	7015755-0-DBP	J			
GB	7014653-ML006	J	[C]	ASSEMBLY NUMBER:	D-AD-7015765-0-0	TOP DOCUMENT NUMBER: #B-DD-7015765-0	SIZE CODE:	NUMBER	FILE NAME: Z1933J.PLS	EDIT #			
			[D]										
			[E]										
			[F]										

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NOTES:
EXCEPT AS OTHERWISE NOTED,
THE FOLLOWING TABLE (SHEET 2) LISTS VARIATION
NUMBERS FOR 1214333 (KEYCAPS) INDICATING
THE SPECIFIC KEYBOARD POSITION OF EACH
AS USED ON VARIOUS MODELS.

69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	
85	86		84

**KEYBOARD CAP POSITIONS
(SEE NOTE 1 & TABLE, SHEET 2)**

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KEYCAP VARIATION (1214333-XX) POSITIONS (SEE NOTE 1, SHEET 1)

127800-88

1217800-B9 -

1217800-C

2780-1

100

1

11

8

WIRE TABLE

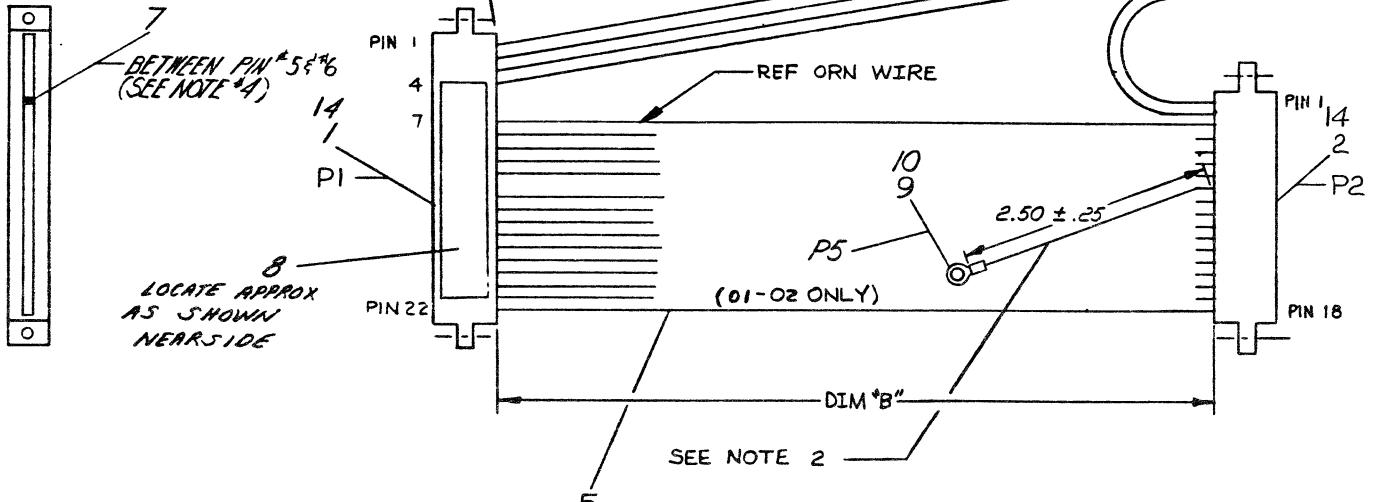
ITEM NO	DESCRIPTION	FROM		TO		REMARKS	PRECUT WIRE LG FOR VAR-00	PRECUT WIRE LG FOR VAR-01	PRECUT WIRE LG FOR VAR-02	
		AWG	COLOR	CONN.	WITH		12.5±.50	2.5±.50	14.5±.50	
5 18	RED	PI-22	14	P2-3	14					
	RED	PI-21		P2-7						
	RED	PI-20		P2-6						
	RED	PI-19		P2-5						
	RED	PI-18		P2-14						
	BLK	PI-17		P2-3						
	BLK	PI-16		P2-12						
	BLK	PI-15		P2-11						
	BLK	PI-14		P2-10						
5	BLK	PI-13	14	P2-9			12.5±.50	12.5±.50	14.5±.50	
10	GRN	P5	9	P2-8		GRD. FOR VAR-01-02-03	/X/	2.75±.25	2.75±.25	
5	YEL	PI-11	14	P2-7			12.5±.50	12.5±.50	14.5±.50	
	RED	PI-10		P2-6						
	BLUE	PI-9		P2-5						
	BLK	PI-8		P2-4						
5	ORG	PI-7		P2-3			12.5±.50	12.5±.50	14.5±.50	
6	WHT	PI-4		P3-9			19.5±.50	19.5±.50	20.5±.50	
	GRY	PI-3		P3-8						
	GRN	PI-2		P3-10						
6	YEL	PI-1	14	P3-6			19.5±.50	19.5±.50	20.5±.50	
10	GRN	P4	9	P3-5		GRD.	2.75±.25	2.75±.25	2.75±.25	
6	ORG	P2-1	14	P3-7			19.5±.50	19.5±.50	20.5±.50	
6	18	BLK	P2-2	14	P3-1	14		19.5±.50	19.5±.50	20.5±.50
5 18	BLK	PI-12	14	P2-8	14	FOR VAR-00	12.5±.50	/X/	/X/	

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D

C

A

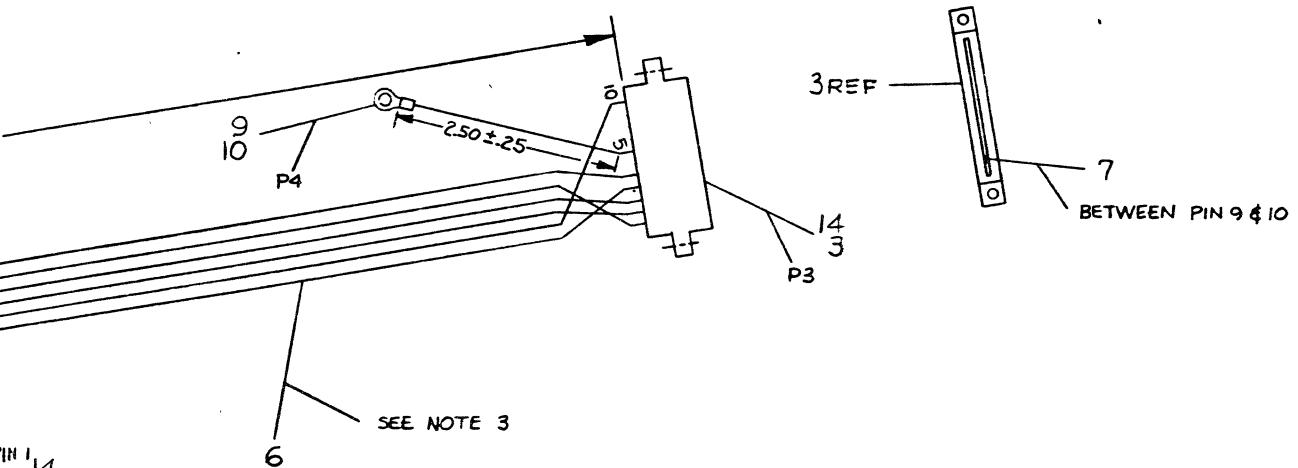


NOT TO SCALE

OVER ALL CABLE LG.		
VARIATION	DIM A	DIM B
7014978-00	19.50±.50	12.50±.50
7014978-01	19.50±.50	12.50±.50
7014978-02	20.50±.50	14.50±.50
7014978-03	19.50±.50	12.50±.50

NOTES:

1. IDENTIFICATION: DECAL USING 1/8" CHARACTER HEIGHT AS INDICATED BELOW TO HIGHEST LEVEL OF SUBASSEMBLY SPECIFIED ON PURCHASE ORDER AND LOCATE APPROX. AS SHOWN ON DRAWING.
- A.) PART NUMBER
- B.) REVISION
- C.) VENDOR IDENTIFICATION
- D.) DATE, CODE
2. ON VARIATION (-01,-02 & -03) CUT BACK BLK. WIRE FROM P2-8 TO PI-12 2.5±.25 IN. FROM BOTH ENDS.
3. CUT BACK ORN & BLK WIRES OF (ITEM#6) TO 12.5±.25 IN.
4. THE KEY PLUG IS ADDED BETWEEN PINS "5 & "6" OF PI FOR VARIATION-03 ONLY.



CAUTION: OFF SHEET PARTS LIST EXISTS
REFER TO K-PL-7014978-0-DBP.

ITEM NO	DESCRIPTION	DWG. PART NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
ANGLES ±0° 30'	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES
SURFACE QUALITY IN MEDIUM	CHECK ONE	OVER 2.0 TO 2.5 1.2 TO 1.5 0.7 TO 1.0 0.4 TO 0.5 0.2 TO 0.3 0.1 TO 0.2 0.05 TO 0.1
MICROINCHES	PREFERRED	±.004 ±.008 ±.012 ±.016 ±.025 ±.04 ±.06 ±.08
THIRD ANGLE PROJECTION		
REMOVE BURRS AND BREAK SHARP CORNERS		
DO NOT SCALE DWG		
NEXT GHER ASSY.		
POWER CABLE ASSY		
MATERIAL SEE PARTS LIST		
FINISH		
SIZE CODE NUMBER		
D IAI 7014978-0-0 E		
REV. E		

ITEM NO	REV	CHARGE NO	REV
7014978-M001-A	A	7014978-M001-A	A
J. BITTO	12-13-78	J. BITTO	12-13-78
P1 42-1/2" 12-13-78		P1 42-1/2" 12-13-78	
7014978-PN002-B	B	7014978-PN002-B	B
G. BOURQUE	5-5-78	G. BOURQUE	5-5-78
7014978-M003-E	E	7014978-M003-E	E
G. BOURQUE	5-5-78	G. BOURQUE	5-5-78
7014978-M002-C	C	7014978-M002-C	C
G. BOURQUE	5-5-78	G. BOURQUE	5-5-78
C. JAMES	5-5-78	C. JAMES	5-5-78
P1 V110-M042-D	D	P1 V110-M042-D	D
J. BITTO	12-13-78	J. BITTO	12-13-78
7014978-M001-A	A	7014978-M001-A	A
J. BITTO	12-13-78	J. BITTO	12-13-78
7014978-PN002-B	B	7014978-PN002-B	B
G. BOURQUE	5-5-78	G. BOURQUE	5-5-78
7014978-M003-E	E	7014978-M003-E	E
G. BOURQUE	5-5-78	G. BOURQUE	5-5-78
7014978-M002-C	C	7014978-M002-C	C
G. BOURQUE	5-5-78	G. BOURQUE	5-5-78

8

7

6

5

4

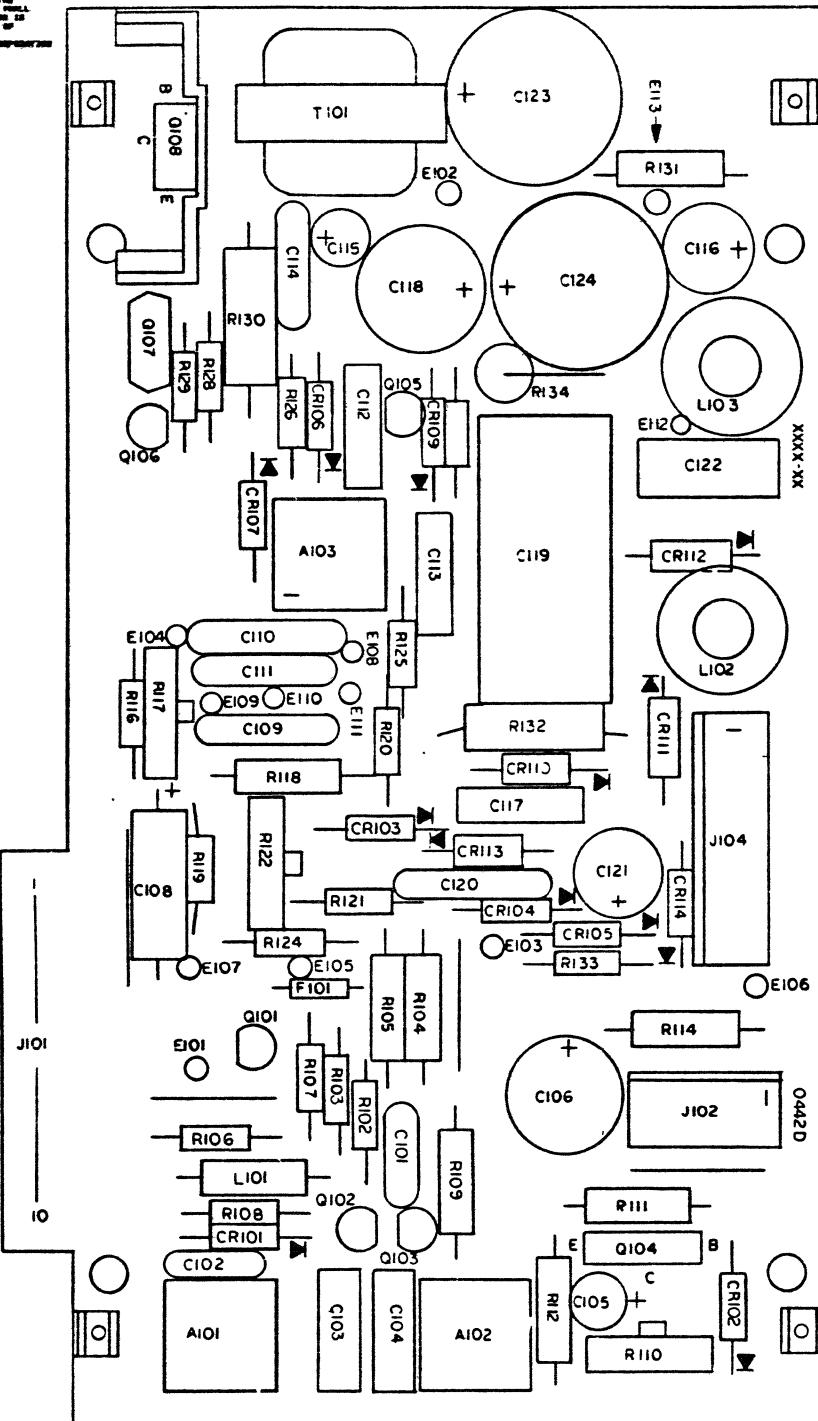
3

2

1

A13

PARTS LIST, TX 120-DEC



REF SYM	DESCRIPTION	PART NUMBER
R101	RESISTOR, FIXED, CARBON, 5%, 1/4W UNLESS NOTED	70-16-0470
R102	30	70-16-0300
R103	47	70-16-0410
R104	220, 1/2W	1-011-2254
R105	220, 1/2W	1-011-2258
R106	470	70-16-0471
R107	360	70-16-0361
R108	100K	70-16-0104
R109	180, 1/2W	1-011-2252
R110	VAR, 250 20W, CO VERT NET	70-09-0251
R111	12, 1/2W	1-011-2224
R112	15, 1/2W	1-011-2228
R113	NOT USED	
R114	.15K, 1/2W	1-011-2274
R115	NOT USED	
R116	62K	
R117	100K, 20P	1-011-5435
R118	30K, 1/2W	1-011-2205
R119	8.1K	70-16-0312
R120	8.2K	70-16-0228
R121	100K	70-16-0104
R122	VAR, 2.5M 20W, CO FOC ADU	1-011-6568
R123	NOT USED	
R124	510	70-16-0111
R125	3K	70-16-0102
R126	20K	70-16-0203
R127	3.3K	70-16-0332
R128	15K	70-16-0153
R129	2.4K	70-16-0242
R130	56 10; 3W, WW	1-011-2521
R131	1.2; 1/2W, CO	1-011-2520
R132	1.2 10X; 2W, WW	1-011-1395
R133	6.0K	70-16-0682
R134	1.8, 2W	1-011-2417
R135	NOT USED	

REF SYM	DESCRIPTION	PART NUMBER
T2	HIGH VOLTAGE	6-003-0586
T101	HORIZ DRIVER	1-017-5402

REF SYM	DESCRIPTION	PART NUMBER
	MISCELLANEOUS	
	CRT SOCKET	1-022-0427
	WIRE STRD GRN	1-038-0345
	HEATSINK	1-015-5059
	WIRE STRD BLU	1-038-0346
	WIRE STRD RED	1-038-0342
	CONTACT, FEMALE & 2	1-034-0362
	DISITOR 6-32X1/4	3-011-0310
	NUT 6-32	3-012-0161
	LF USHR #6	3-013-0160
	PINS	1-029-0442
	CONTACT, MALE	1-034-0295
	CONN SHELL, 1 CONT FEMALE	1-034-0323

REF SYM	DESCRIPTION	PART NUMBER
	WIRE TERMINATION DATA	
E103	CRT SOCKET YEL LEAD	E103
E105	CRT SOCKET BRN LEAD	E105
E107	CRT SOCKET BLK LEAD	E107
E108	CRT SOCKET RED LEAD	E108
E109	CRT SOCKET INT LEAD	E109
E110	GRN WIRE 6.5 INCHES	E110
E111	CRT SOCKET GRN LEAD	E111
E112	BLUE WIRE, 10 INCHES	E112
E113	RED WIRE, 10 INCHES	E113

- NOTES:
1. REFERENCE SCHEMATIC 1-024-0603
 2. ALL REFERENCE SYMBOL NUMBERS 1 TO 99 ARE USED FOR ALL OFF BOARD COMPONENTS AND NUMBERS 100 TO 999 ARE USED FOR THE PMA COMPONENTS.
 3. ALL PMA COMPONENTS PRECEDED WITH AN ASTERISK ARE NOT PART OF THE BASIC BOARD 6-200-0001.

SIGNATURES	DATE
DRN. <i>[Signature]</i>	2-8-28
CHK'D. <i>[Signature]</i>	6-6-71
ENG. <i>[Signature]</i>	1-2-6-2
PROJ. ENG. <i>[Signature]</i>	1-2-6-2
ETCH REV.	SCHEMATIC
SHT. 1 OF 2	TVX120/DEC 12 VOLT
P.C. DESIGN DATA BASE REV.	
NEXT HIGHER ASSY.	

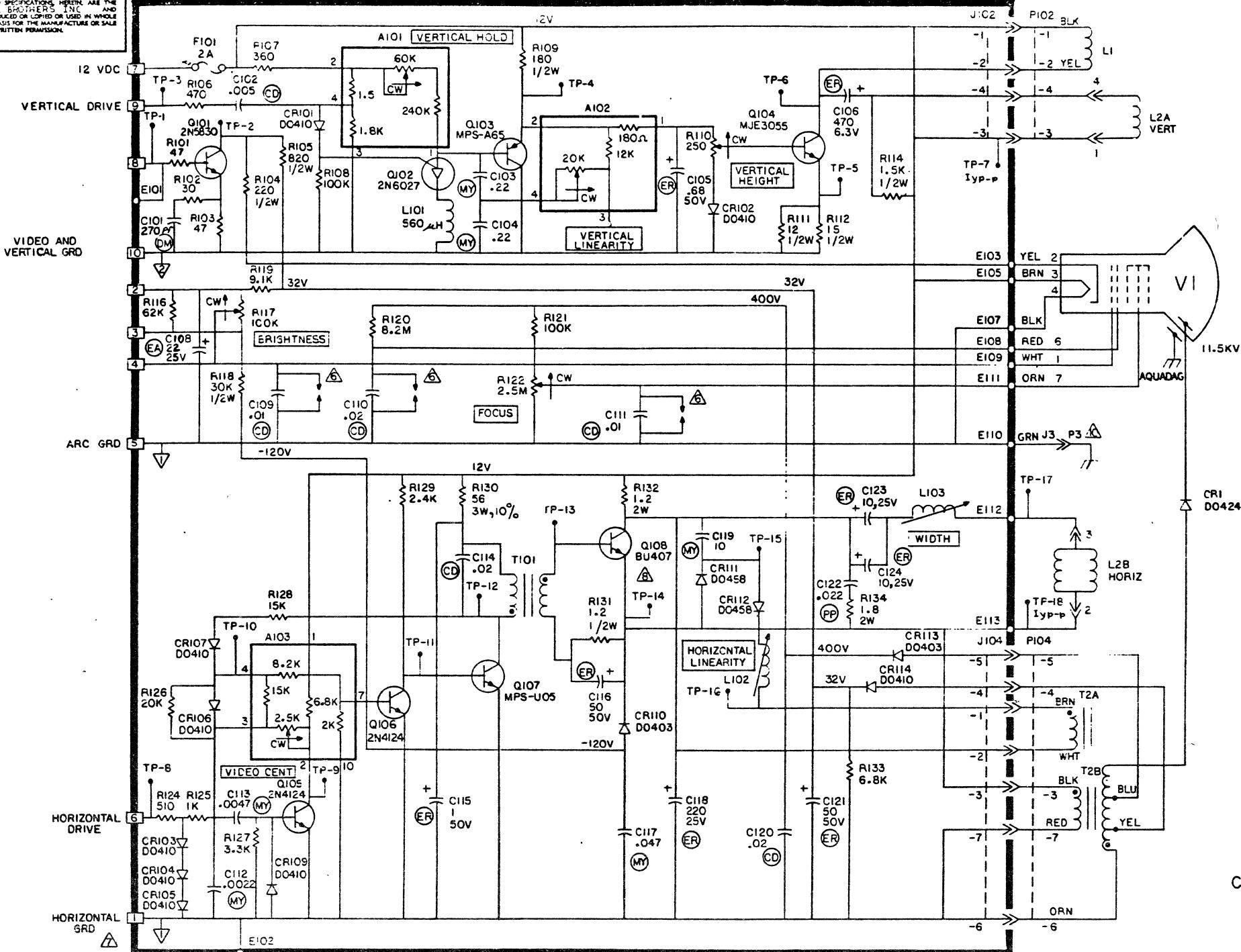
REF SYM	DESCRIPTION	PART NUMBER
A101	RES TRIM, 60K, VERT HOLD	I-011-8008
A102	RES TRIM, 20K, VERT LIN	I-011-8005
A103	RES TRIM, 2.5K, VIDEO CENTER	I-011-8001
	CAPACITOR, FIXED, UF UNLESS NOTED	
C101	270PF .5%, 50V, DM	I-012-0398
C102	.005 20%, 100V, CO	10-12-7508
C103	.22 10%, 100V, MY	I-012-2277
C104	.22 10%, 100V, MY	I-012-2277
C105	.68, 50V, E	I-012-2284
C106	.47, 6.3V, E	I-012-2156
C107	NOT USED	
C108	.22, 6.3V, E	I-012-1340
C109	.01 20%, 1000V, CO	I-012-2214
C110	.02 20%, 1000V, CO	I-012-2217
C111	.01 20%, 1000V, CO	I-012-2216
C112	.0022 10%, 630V, MY	I-012-2254
C113	.0047 20%, 630V, MY	I-012-2279
C114	.01 20%, 100V, CO	10-12-7209
C115	.1, 50V, E	I-012-2189
C116	.047 20%, 250V, MY	I-012-2240
C117	.22, 25V, E	I-012-2159
C118	.10, 10%, 100V, MY	I-012-2255
C119	.02 20%, 500V, CO	I-012-0780
C120	.50, 50V, E	I-012-2157
C121	.022 10%, 250V, PP	I-012-2297
C122	.10, 25V, ER	I-012-2273
C123	.01, 20%, ER	I-012-2273
	DIODE	
D101	D0424	I-021-0424
D102	D0410	I-021-0410
D103	D0410	I-021-0410
D104	D0410	I-021-0410
D105	D0410	I-021-0410
D106	D0410	I-021-0410
D107	D0410	I-021-0410
D108	NOT USED	
D109	D0410	I-021-0410
D110	D0403	I-021-0403
D111	D0458	I-021-0458
D112	D0458	I-021-0458
D113	D0403	I-021-0403
D114	D0410	I-021-0410
	FUSE	
F101	2A-125V PICO	I-028-0247
	CONNECTORS	
J102	CONNECTOR, 4 PIN MALE	1-039-0146
J103	CONNECTOR, 7 PIN MALE	1-039-0145
	COIL	
L1	VERTICAL CHOKE	6-003-0572
L2	DEFLECTION, TX 120/12V	1-023-0246
L101	560UH	1-016-0302
L102	LINEARITY	1-016-0328
L103	WIDTH	1-016-0303
	TRANSISTOR	
Q101	2N5830	I-015-1172
Q102	2N6027	I-015-1157
Q103	MPS-465	I-015-1106
Q104	ME3055	I-015-1156
Q105	2N1824	I-015-1139
Q106	2N4124	I-015-1139
Q107	MPS-J05	I-015-1158
Q108	BU407	I-015-1210

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1. FLYBACK TRANSFORMER REPLACEMENT 3014590-01
2. PRINTED CIRCUIT BOARD REPLACEMENT 3014590-02

CHANGE NO. REV.

1 MS# 180297

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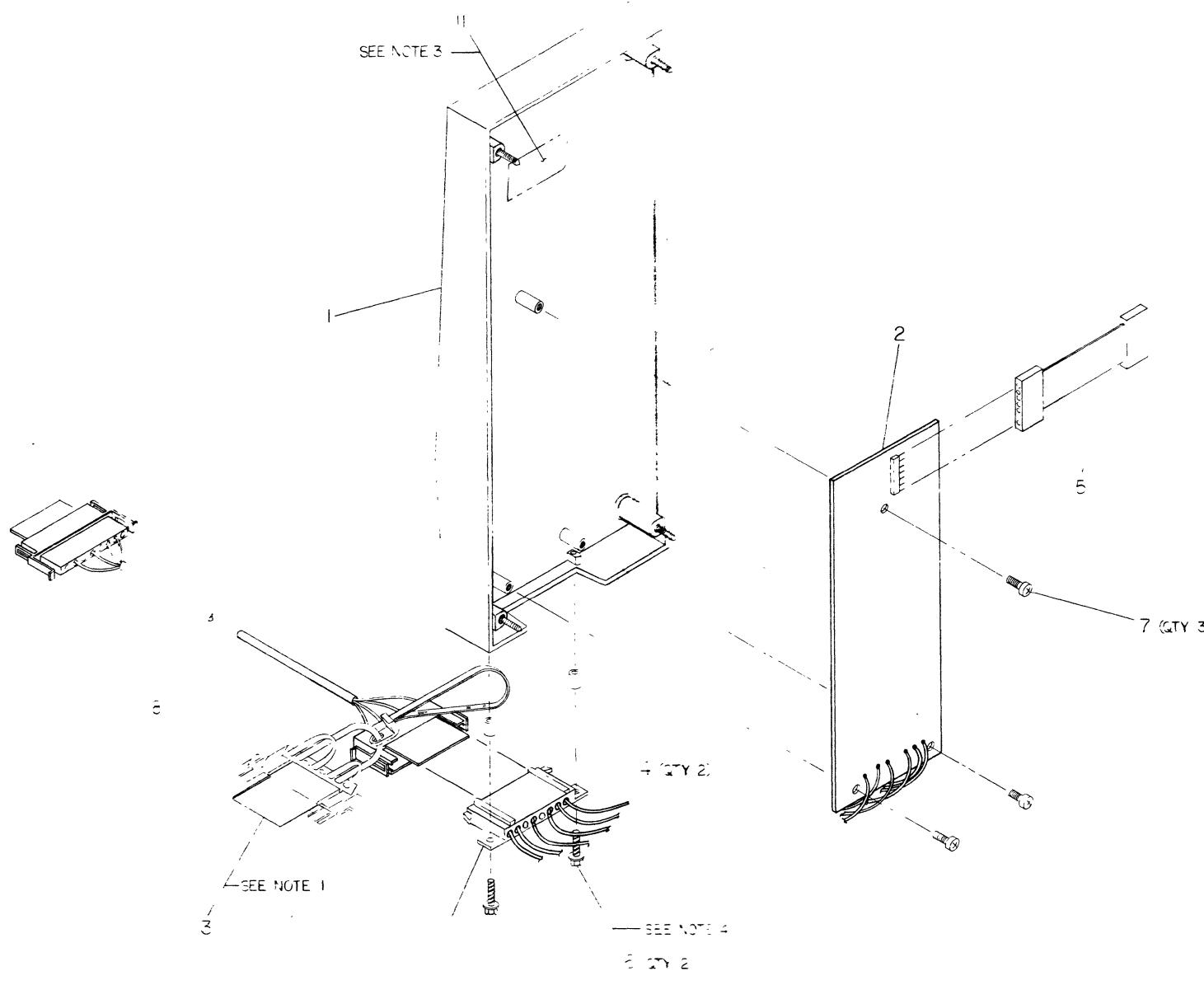
GENERAL NOTES: UNLESS OTHERWISE SPECIFIED

- ALL RESISTORS 1/4W, 5%, VALUE IN OHMS.
 - ALL CAPACITOR VALUES IN MICROFARADS. FOR CAPACITOR TYPES, SEE NOTE NO. 9.
 - DENOTES J101 PC CARD EDGE CONNECTOR.
 - DENOTES CONNECTION TO OFF BOARD COMPONENTS.
 - REFERENCE DESIGNATIONS NOT USED: J103,C107,CR108,
R101,R113,R115,R123
 - LAST REFERENCE DESIGNATION USED: R134,C124
 - PROTECTIVE ARC GAPS ARE AN INTEGRAL PART OF PRINTED WIRE BOARD.
 - THE PWB CIRCUIT GROUNDS ARE BROUGHT OUT SEPARATELY TO PINS 1,5 AND 10 OF J101. PWB CIRCUIT GROUNDS FOR PINS 1 AND 5 OF J101 ARE CONNECTED TOGETHER BY A JUMPER WIRE ON THE BOARD AND ARE CONNECTED TO CHASSIS GROUND VIA A WIRE FROM E10.
 - DENOTES HEATSINK
 - DM = DIPPED MICA
 - CD = CERAMIC DISC
 - MY = MYLAR
 - EA = ELECTROLYTIC AXIAL
 - ER = ELECTROLYTIC RADIAL
 - FP = POLYPROPYLENE
 - GROUNDED TO AQUADAG BY SPRING

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DRN. <u>Sum Banger</u>	7-20-76	FIRST USED ON VT100		
CHK'D <u>Edgar</u>				
ENG. <u>R. Price</u>	1-2-76	TITLE SCHEMATIC		
PROJ. ENG. <u>R. Price</u>	1-2-76	TV X 120 / DEC		
PROD.		12 VOLT		
NEXT HIGHER ASSY.				
E-UA-VT100-0-0	SIZE	CODE	NUMBER	REV.
SCALE NONE	D	CS	3014590-0-1	A
SHEET 2 OF 2	DIST.			

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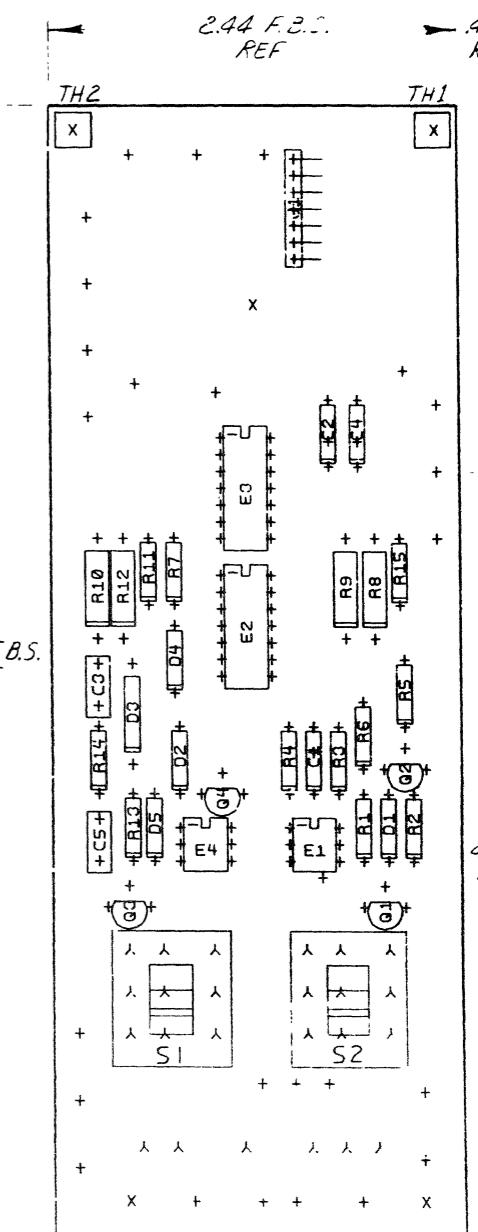
-PART OF ITEM

CAUTION: OFF SHEET PARTS LIST EXISTS.
REFER TO K-PL-VT^{XX}-AA-DBP

			DESCRIPTION		DRWG. PART NO.	ITEM NO.				
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES							
			ANGLES $90^\circ \pm .03^\circ$	CLASS OF ACCURACY (CHECK ONE)	NOMINAL DIMENSION RANGE INCHES					
			SURFACE QUALITY IN MICRORMES	MEDIUM	0.000	1.000	0.916	1.204	1.000	
				PREFERRED	0.012	0.100	0.055	0.100	0.035	
QUANTITY & VARIATION										
THIRD ANGLE PROJECTION			DRWG. NO. Report	REV. P-2	FIRST USED ON					
			CHCD	20-177	V-122 digital					
REMOVE BURRS AND BREAK SHARP CORNERS			ENG.	20-177	TITLE					
			PROJ. NO.	2-2-7	20-177					
			PROD. NO.	100-121-1	CURRENT LOOP OPTION					
DO NOT SCALE DRWG			NEXT HIGHER ASY.							
MATERIAL SEE PARTS LIST			E-20-VT1XX-XA					SIZE CODE	NUMBER	REV.
FINISH			SCALE	1/1	E	U	A	VT1XX-AL-0	B	
			SHEET	1	OF	1	INST.			

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COMPONENT SIDE VIEW



6.75 F.B.S.
REF

NOTES:

NOTES: _____

STEP E ↑ Y AXIS _____ STEP ⑥ TIMES
REPEAT → X AXIS 2.750 / 2.5 / 2.750

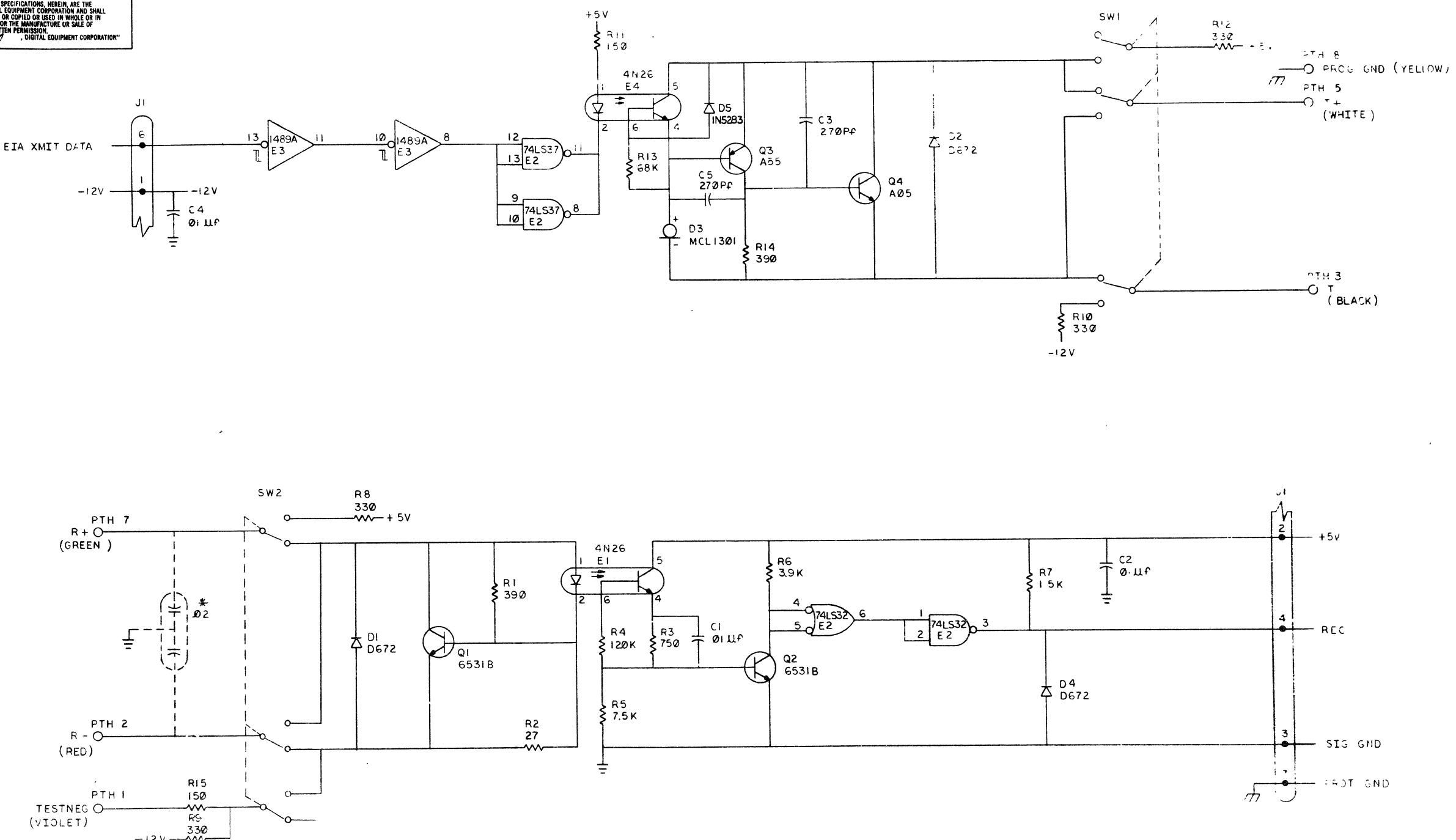
CHG CHANGE	NO REV
S49206-PN0001	C
REVISED & REDRAVIN	
1/22	1/22-3/9
J. DEMMINIS	
G.R.	C-16 yr.

SIGNATURES	DATE	
DRN.V. PARECHANIAN	11-77	digital
CHK'D. M. MORTENSEN	11-77	
MECH. ENG. M MOPTENSEN	4-78	TITLE
PROJ. ENG.N.FORRESTER	5-78	26 MA ADAPTER
PROD. R. PUCCI	6-78	
SCALE 2	SIZE	NUMBER
SHT. 1 OF 1	D	REV C
NEXT HIGHER ASSY. B-OD- 5413206-0		

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
1	1	D-4D-5013205-0-0	5013205-00	ETCH BOARD FOR 5413206	1	
2	2		1000022-00	.270,0 MMF 100V 5%200PPM MICA	2	C3,C5
3	3		1001610-00	.01 MFD 50V +80-20% 25U CER	3	C1,C2,C4
4	4		1105275-00	D 672 TR= 15NS PIV= 60V SI	3	D1,D2,D4
5	5		1105610-00	MCL1301 CL81MA FROM10-80V	1	D3
6	6		1215048-01	CUNN 7POS RT ANGLE	1	J1
7	7		1215089-00	SW,SLIDE 3P 1A DBLE THROW	2	S1,S2
8	8		1301522-00	.27.0 .25 W 5.0 %	CC	R2
9	9		1300250-00	.150.0 .25 W 5.0 %	CC	R11,R15
10	10		1300296-00	.330.0 .50 W 5.0 %	CC	R8,R9,R10,R12
11	11		1300309-00	.390.0 .25 W 5.0 %	CC	R1,R14
12	12		1300391-00	1.50 K .25 W 5.0 %	CC	R7
13	13		1300444-00	3.90 K .25 W 5.0 %	CC	R6
14	14		1300539-00	120.0 K .25 W 5.0 %	CC	R4
15	15		1301327-00	68.0 K .25 W 5.0 %	CC	R13
16	16		1301401-00	750.0 .25 W 5.0 %	CC	R3
17	17		1301422-00	7.50 K .25 W 5.0 %	CC	R5
18	18		1509338-00	DEC6531B NPN 310MW SI 40 90 P	2	Q1,Q2
19	19		1510705-00	XA 05 NPN 500MW SI 60 50 P	1	Q4
20	20		1510706-00	XA 55 PNP 500MW SI 60 50 P	1	Q3
21	21		1916959-00	POTOTRANSISITOR	2	E1,E4
22	22		1912817-00	LS37 NAND GATE-QUAD 2IN,P	1	E2
23	23		1913130-00	DEC 1489A RECEIVER,LINE,QUAD,	1	E3
24	24		1113003-00	IN 5282 PIV=55 I=500M D035	1	D5

REVISION HISTORY		BASIC PART NO: 5413206		DRN:	T. SHETRAWSKI	DATE: 30-MAR-78	ID	I	I	G	I	T	A	I	I
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D:	T. SHETRAWSKI	DATE: 30-MAR-78	TITLE		PARTS LIST						
INIT		B	SECTION, VARIATION INDEX	CHK'D:	T. SHETRAWSKI	DATE: 30-MAR-78			20 MA ADAPTER						
1.8	5413206-PN001	C	[A] 00												
			[B]												
			[C]												
			[D]												
			[E]												
			[F]												
			[G]												
			[H]												
			[I]												
			[J]												
			[K]												
			[L]												
			[M]												
			[N]												

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NOTE : * OPTIONAL

REVISIONS			
CHK	CHANGE NO.	REV.	DATE
	5A13205 -	PN001 C	7-18-66
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
J. DEMARINIS			

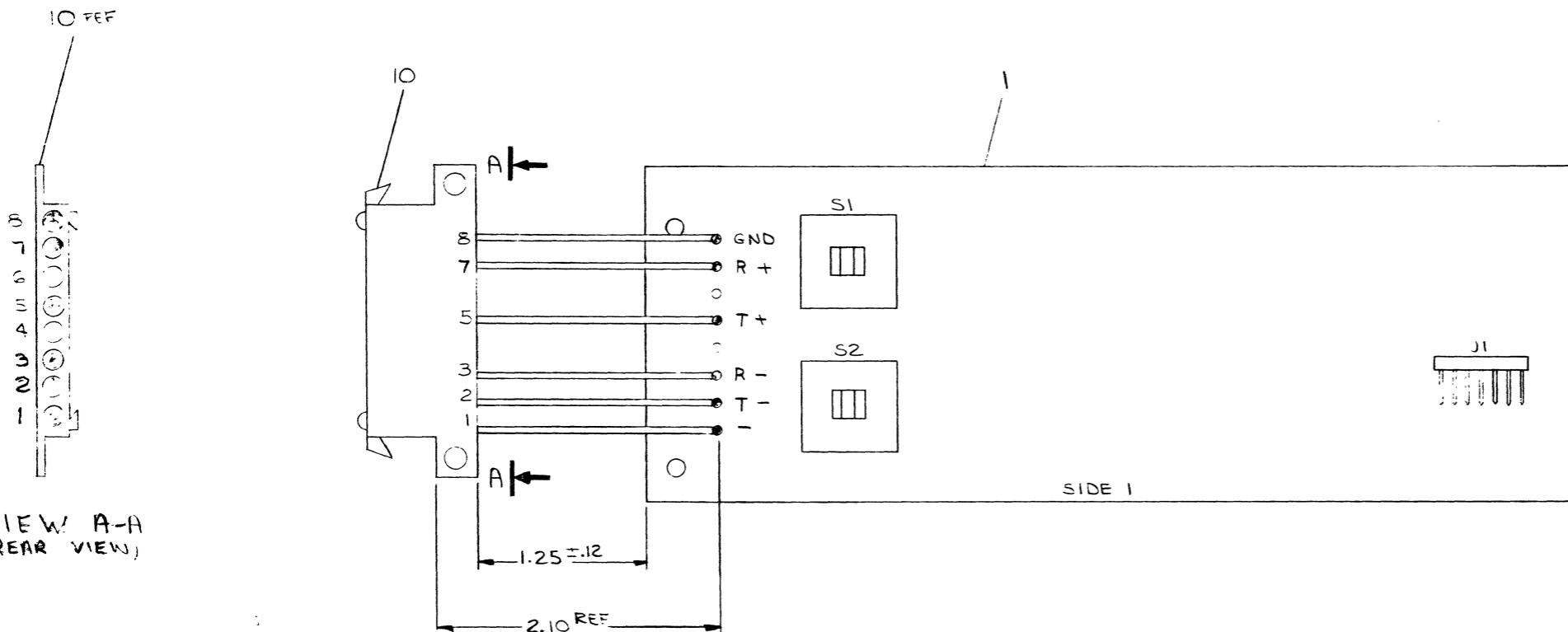
DRN	101-00000	3-10-77	FIRST USED ON	VT100	digital	
CHK'B	111		TITLE	22 MA ADAPTOR		
ENG	111	4-1-78				
PROJ ENG	111	4-1-78				
PROD	111	5/13/78				
NEXT HIGHER ASSY.						
C-UA-5413206-C-0			SIZE	CODE	NUMBER	REV.
SCALE			D	CS	5413206-C-0-1	C
SHEET	/	OF /	DIST.			

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NOTES:

1. FOR INDIVIDUAL FIELD SERVICE / CUSTOMER SPARES SHIPMENTS USE PACKAGING INSTRUCTIONS A-SP-3700550-0-0, FOR BULK INTERPLANT SHIPMENTS USE PACKAGING INSTRUCTIONS A-SP-3700429-3-0, VARIATION -03

ITEM NO.	AWG	DESCRIPTION	FROM		TO		REMARKS
			COLOR	CONN	WITH	CONN	
10 22		YELLOW PIN 8			ITEM 1 GND		
		GREEN 7			R+		
		WHITE 5			T+		
		RED 3			R-		
		BLACK 2			T-		
10 22		VIOLET PIN 1			ITEM 1 -		



CAUTION: OFF SHEET PARTS LIST EXISTS,
SEE K-PL-7015273-0-DBP.

			DESCRIPTION		DWG./PART NO.		ITEM NO.
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				NOMINAL DIMENSION RANGE INCHES
ANGLE 45° 30°	CLASS OF ACCURACY	(CHECK ONE)	OVER	OVER	OVER	OVER	
			.02	.02	.12	.40	.12
SURFACE QUALITY IN MICROINCHES	MEDIUM	±.004	±.000	±.012	±.016	±.024	±.04
		PREFERRED	±.012	±.016	±.025	±.04	±.063

DRN. R-11-78 E-0077 FIRST USED ON VT122 digital

CHK'D M-11-78

ENG. M-11-78

PROJ. ENG. M-11-78

PROD. M-11-78

THIRD ANGLE PROJECTION

REMOVE BURRS AND BREAK SHARP CORNERS

DO NOT SCALE DWG

NEXT HIGHER ASSY.

MATERIAL E-UA-VT1XX-AA-0

SEE PARTS LIST

SCALE 2/1

FINISH

FIRST SHEET 1 OF 1 DIST. 1

SIZE CODE NUMBER D IA7015273-0-C REV. B

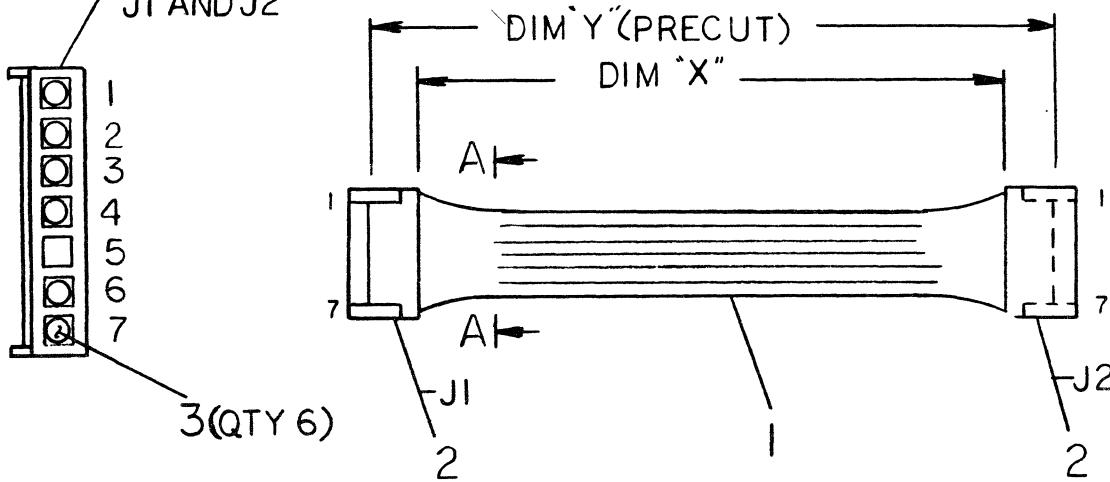
CHK	CHANGE NO.	REV.
1	1-11-78	1
2	1-11-78	1
3	1-11-78	1
4	1-11-78	1
5	1-11-78	1
6	1-11-78	1
7	1-11-78	1
8	1-11-78	1
9	1-11-78	1
10	1-11-78	1
11	1-11-78	1
12	1-11-78	1
13	1-11-78	1
14	1-11-78	1
15	1-11-78	1
16	1-11-78	1
17	1-11-78	1
18	1-11-78	1
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213	1-11-78	1
214	1-11-78	1
215	1-11-78	1
216</td		

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ITEM NUMBER	DESCRIPTION		FROM		TO	
	AWG	COLOR	CONNECTION	WITH	CONNECTION	WITH
1	24	BLK	JI-1	3	J2-1	3
			JI-2		J2-2	
			JI-3		J2-3	
			JI-4		J2-4	
			JI-6		J2-6	
	24	BLK	JI-7	3	J2-7	3

2 REF

JI AND J2



VIEW A-A
REAR VIEW
2 PLACES

LEGEND		
NUMBER	DIM 'X' VARIATION	DIM 'Y (PRECUT) REF
7015506-0B	2.0 IN ±.25 IN.	2.75 IN.

ITEM NO.	DESCRIPTION	DWG./PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
	ANGLES 20° 30°	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES
		(CHECK ONE)	OVER 0 TO OVER 0.2 OVER 0.2 TO OVER 4.0 OVER 12.0 TO OVER 40.0
	SURFACE QUALITY IN	TO 0.2 1.2 4.0 12.0 40.0 TO 80.0	TO 0.2 1.2 4.0 12.0 40.0 TO 80.0
	MEDIUM	±.004 ±.008 ±.012 ±.016 ±.024 ±.04	±.004 ±.008 ±.012 ±.016 ±.024 ±.04
	MICRONES	PREFERRED	±.012 ±.016 ±.025 ±.04 ±.032 ±.01

REVISIONS	CHANGE NO.	REV.	DRN.	5 Jan 78	FIRST USED ON	VT100	digital
CHK	7015506-ML001	A	CHK'D	7 Jan 78	TITLE		
	2 SEP 78		ENG.	1-23-78			
	C. JAMES		PROJ. ENG.	1-23-78			
	Richard A. Pearce	1/1-79	PROD.	1-24-78			
THIRD ANGLE PROJECTION				NEXT HIGHER ASSY.			
REMOVE BURRS AND BREAK SHARP CORNERS				E- UA-VTXX-AA			
DO NOT SCALE DWG				SCALE NONE			
MATERIAL SEE PARTS LIST				SIZE	CODE	NUMBER	REV.
FINISH				C	IA	7015506-0-0	A
SHEET 1 OF 1				DIST.			

NAME/PHONE NO. P-1069		
CHK	7015506-ML001	A
	2 SEP 78	
	C. JAMES	
	Richard A. Pearce	1/1-79

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LEGEND

NUMBER	DIM "X" VARIATION	DIM "Y" (PRECUT) REF
BC05F-15	15 FT. ± 3 IN.	15 FT. .75 IN. ± 3 IN
BC05F-9	9 FT. ± 2 IN	9 FT. .75 IN. ± 2 IN
BC05F-04	4 FT. ± 1 IN	4 FT. .75 IN. ± 1 IN
BC05F-25	25 FT. ± 3 IN	25 FT. .75 IN. ± 3 IN
BC05F-30	30 FT. ± 2%	30 FT. .75 IN. ± 2%
BC05F-45	45 FT. ± 2%	45 FT. .75 IN. ± 2%
BC05F-50	50 FT. ± 2%	50 FT. .75 IN. ± 2%
BC05F-90	90 FT. ± 2%	90 FT. .75 IN. ± 2%
BC05F-B0	200 FT. ± 2%	200 FT. .75 IN. ± 2%
BC05F-C0	300 FT. ± 2%	300 FT. .75 IN. ± 2%
BC05F-E0	500 FT. ± 2%	500 FT. .75 IN. ± 2%

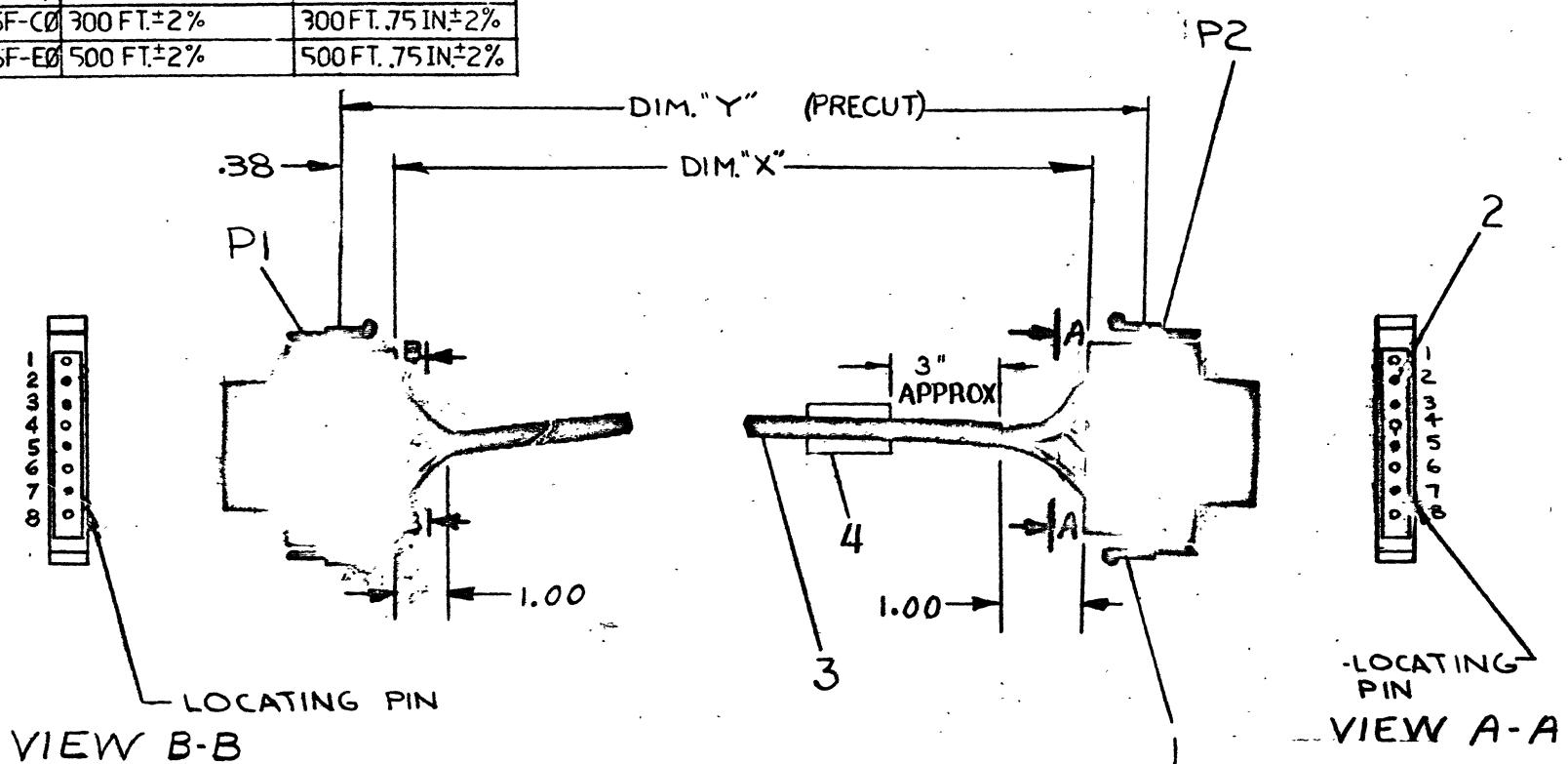
WIRE TABLE

ITEM NO	DESCRIPTION	FROM	TO
3 22	BLK	P1-2	P2-3
3 22	RED	P1-3	P2-2
3 22	WHT	P1-5	P2-7
3 22	GRN	P1-7	P2-5

NOTES:

- ASSEMBLE CABLE I.D. LABEL TO AREA AS SHOWN BELOW.

NUMBER	DIM "X"	DIM "Y" REF
BC05F-E5	550 FT. ± 2%	550 FT. .75 IN. ± 2%
BC05F-L0	1000 FT. ± 2%	1000 FT. .75 IN. ± 2%



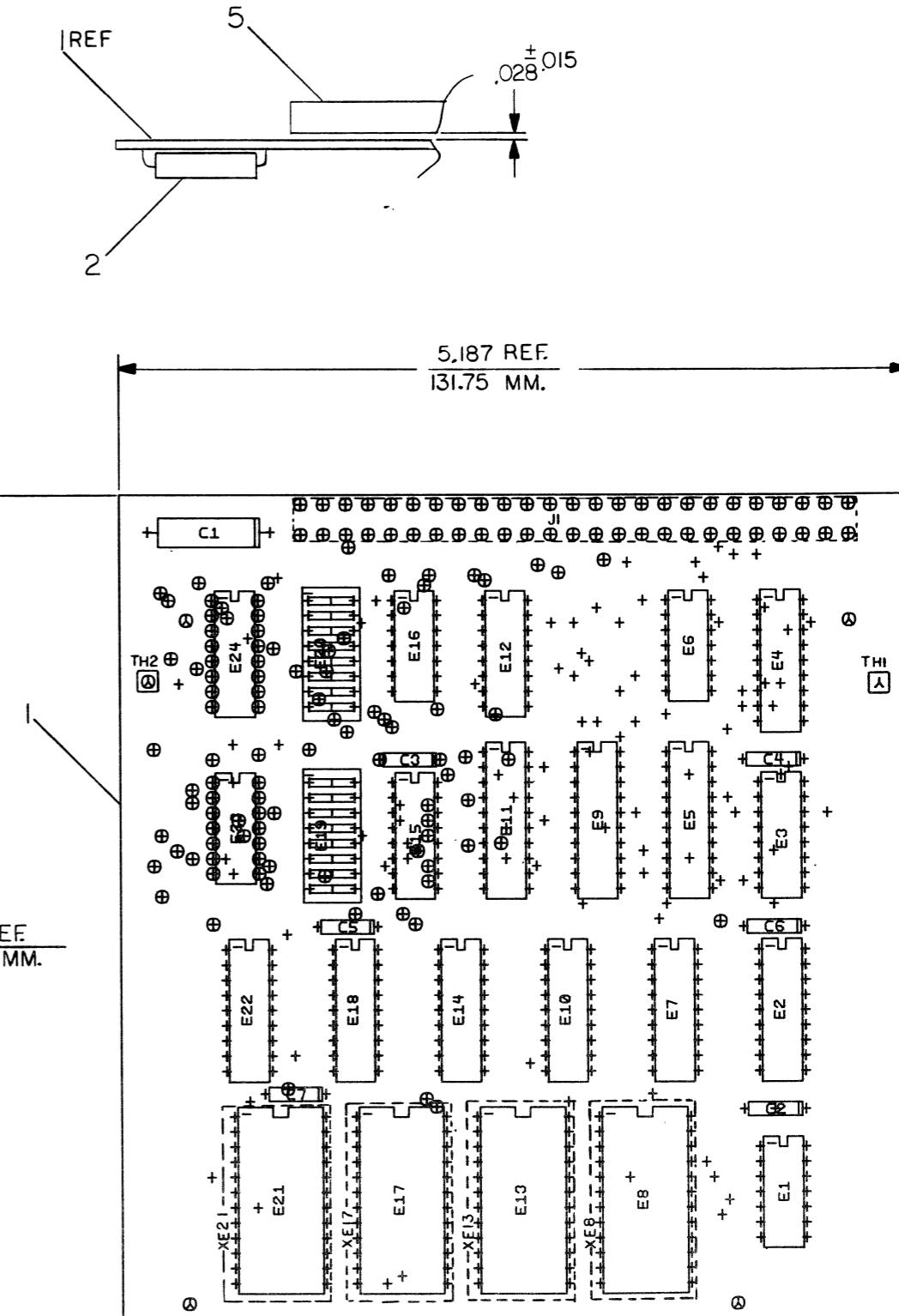
CAUTION: FOR OFF SHEET PARTS LIST
SEE K-PL-BC05F-Ø-Ø.

FIRST USED ON OPTION MODEL DFII		QTY.	DESCRIPTION	PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED		DRN	PARTS LIST		
UNLESS OTHERWISE SPECIFIED		CHKD	EQUIPMENT CORPORATION		
DIMENSION IN INCHES		R. Milan	MAHAWAY MASSACHUSETTS		
TOLERANCES		ENG	TITLE		
DECIMALS FRACTIONS ± .005 ± 1/64 ± 0°30'		Robert Fitch	CABLE INTERFACE		
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS		PROJ. ENG.	BC05F		
MATERIAL		PCD	NEXT HIGHER ASSY		
FINISH		SCALE	SIZE CODE C UAB BC05F-Ø-Ø REV. E		
		SHEET 1 OF 1	DIST. G		

REVISIONS		CHANGE NO.	REV.
CHK	BC05F-00001	A	
2	LA36 - 00119	B	11-8-71
R.FITCH	(C) ECEIN '71	C	2-7-75
Robert Fitch	J. BITTO	D	
	K. R. THOMAS	E	7/18/75
	J. DESUK	F	2-7 May 81
	J. DESUK	G	2-7 May 81
	R. HARRINGTON	H	11-05-81
	R. HARRINGTON	I	11-05-81
	R. HARRINGTON	J	11-05-81
	R. HARRINGTON	K	11-05-81
	R. HARRINGTON	L	11-05-81
	R. HARRINGTON	M	11-05-81
	R. HARRINGTON	N	11-05-81
	R. HARRINGTON	O	11-05-81
	R. HARRINGTON	P	11-05-81
	R. HARRINGTON	Q	11-05-81
	R. HARRINGTON	R	11-05-81
	R. HARRINGTON	S	11-05-81
	R. HARRINGTON	T	11-05-81
	R. HARRINGTON	U	11-05-81
	R. HARRINGTON	V	11-05-81
	R. HARRINGTON	W	11-05-81
	R. HARRINGTON	X	11-05-81
	R. HARRINGTON	Y	11-05-81
	R. HARRINGTON	Z	11-05-81
	R. HARRINGTON	AA	11-05-81
	R. HARRINGTON	BB	11-05-81
	R. HARRINGTON	CC	11-05-81
	R. HARRINGTON	DD	11-05-81
	R. HARRINGTON	EE	11-05-81
	R. HARRINGTON	FF	11-05-81
	R. HARRINGTON	GG	11-05-81
	R. HARRINGTON	HH	11-05-81
	R. HARRINGTON	II	11-05-81
	R. HARRINGTON	JJ	11-05-81
	R. HARRINGTON	KK	11-05-81
	R. HARRINGTON	LL	11-05-81
	R. HARRINGTON	MM	11-05-81
	R. HARRINGTON	NN	11-05-81
	R. HARRINGTON	OO	11-05-81
	R. HARRINGTON	PP	11-05-81
	R. HARRINGTON	QQ	11-05-81
	R. HARRINGTON	RR	11-05-81
	R. HARRINGTON	SS	11-05-81
	R. HARRINGTON	TT	11-05-81
	R. HARRINGTON	UU	11-05-81
	R. HARRINGTON	VV	11-05-81
	R. HARRINGTON	WW	11-05-81
	R. HARRINGTON	XX	11-05-81
	R. HARRINGTON	YY	11-05-81
	R. HARRINGTON	ZZ	11-05-81
	R. HARRINGTON	AA	11-05-81
	R. HARRINGTON	BB	11-05-81
	R. HARRINGTON	CC	11-05-81
	R. HARRINGTON	DD	11-05-81
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	R. HARRINGTON	JJ	11-05-81
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	R. HARRINGTON	LL	11-05-81
	R. HARRINGTON	MM	11-05-81
	R. HARRINGTON	NN	11-05-81
	R. HARRINGTON	OO	11-05-81
	R. HARRINGTON	PP	11-05-81
	R. HARRINGTON	QQ	11-05-81
	R. HARRINGTON	RR	11-05-81
	R. HARRINGTON	SS	11-05-81
	R. HARRINGTON	TT	11-05-81
	R. HARRINGTON	UU	11-05-81
	R. HARRINGTON	VV	11-05-81
	R. HARRINGTON	WW	11-05-81
	R. HARRINGTON	XX	11-05-81
	R. HARRINGTON	YY	11-05-81
	R. HARRINGTON	ZZ	11-05-81
	R. HARRINGTON	AA	11-05-81
	R. HARRINGTON	BB	11-05-81
	R. HARRINGTON	CC	11-05-81
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	R. HARRINGTON	QQ	11-05-81
	R. HARRINGTON	RR	11-05-81
	R. HARRINGTON	SS	11-05-81
	R. HARRINGTON	TT	11-05-81
	R. HARRINGTON	UU	11-05-81
	R. HARRINGTON	VV	11-05-81
	R. HARRINGTON	WW	11-05-81
	R. HARRINGTON	XX	11-05-81
	R. HARRINGTON	YY	11-05-81
	R. HARRINGTON	ZZ	11-05-81
	R. HARRINGTON	AA	11-05-81
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	R. HARRINGTON	NN	11-05-81
	R. HARRINGTON	OO	11-05-81
	R. HARRINGTON	PP	11-05-81
	R. HARRINGTON	QQ	11-05-81
	R. HARRINGTON	RR	11-05-81
	R. HARRINGTON	SS	11-05-81
	R. HARRINGTON	TT	11-05-81
	R. HARRINGTON	UU	11-05-81
	R. HARRINGTON	VV	11-05-81
	R. HARRINGTON	WW	11-05-81
	R. HARRINGTON	XX	11-05-81
	R. HARRINGTON	YY	11-05-81
	R. HARRINGTON	ZZ	11-05-81
	R. HARRINGTON	AA	11-05-81
	R. HARRINGTON	BB	11-05-81
	R. HARRINGTON	CC	11-05-81
	R. HARRINGTON	DD	11-05-81
	R. HARRINGTON	EE	11-05-81
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	R. HARRINGTON	II	11-05-81
	R. HARRINGTON	JJ	11-05-81
	R. HARRINGTON	KK	11-05-81
	R. HARRINGTON	LL	11-05-81
	R. HARRINGTON	MM	11-05-81
	R. HARRINGTON	NN	11-05-81
	R. HARRINGTON	OO	11-05-81
	R. HARRINGTON	PP	11-05-81
	R. HARRINGTON	QQ	11-05-81
	R. HARRINGTON	RR	11-05-81
	R. HARRINGTON	SS	11-05-81
	R. HARRINGTON	TT	11-05-81
	R. HARRINGTON	UU	11-05-81
	R. HARRINGTON	VV	11-05-81
	R. HARRINGTON	WW	11-05-81
	R. HARRINGTON	XX	11-05-81
	R. HARRINGTON	YY	11-05-81
	R. HARRINGTON	ZZ	11-05-81
	R. HARRINGTON	AA	11-05-81
	R. HARRINGTON	BB	11-05-81
	R. HARRINGTON	CC	11-05-81
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	R. HARRINGTON	JJ	11-05-81
	R. HARRINGTON	KK	11-05-81
	R. HARRINGTON	LL	11-05-81
	R. HARRINGTON	MM	11-05-81
	R. HARRINGTON	NN	11-05-81</td

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COMPONENT SIDE VIEW



NOTES: J1 CONN MOUNTED ON SIDE 2

CHANGE NO	REV	CHK'D	DATE
5413097MLOG	F		
REDRAWN	A		
R. PUCCI			
Richard Pucci			
STEP E → Y AXIS	= STEP = TIMES 2ML2		
REPORT → X AXIS 5.250 STEP 1 TIMES			

ETCH REV C-P 3	SIGNATURES	DATE
	DRN.	10-20-80
	CHK'D.	10-20-80
	MECH. ENG.	10-20-80
	PROJ. ENG.	10-20-80
	PROD.	10-20-80
	SCALE 2 / 1	
SHT. 1 OF 1	SIZE CODE	NUMBER
D	UA	5413097-0-0
	F	

digita

TITLE VT 100
ADVANCED VIDEO

NEXT HIGHER ASSY. 6-DD-5413097 - 0

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION					REFERENCE DESIGNATOR
				00	01	02	03		
1	1	D-MD-5013096-0-0	5013096-00	DRILL & ETCH DRAWING	1	1	1	1	
2	2		1005306-00	6.8MF D 35V 10% S.TANT	1	1	1	1	C1
3	3		1012784-00	.047 MFD 50V +80-20% CER	6	6	6	6	C2-C7
4	4		1215006-06	SOCKET 24PIN IC LOW PROFILE	4	4	4	4	XE8,XE13,XE17,XE21
5	5		1214060-01	HEADER.150 50POS	1	1	1	1	J1
6	6		1300005-03	R NETWORK 13-10K 5.0 % 14PIN	1	1	1	1	E1
7	7		1300005-07	R NETWORK 15-4.7K 5.0 % 16PIN	1	1	1	1	E15
8	8		1912801-00	L502 NOR-GATE-QUAD ZIN	1	1	1	1	E6
9	9		1912803-00	74LS04 INVERTER GATE,HEX	1	1	1	1	E23
10	10		1912808-00	LS15 NAND GATE-TRIPLE 3IN	1	1	1	1	E16
11	11		1912842-00	LS138 DECODER-THREE INPUT,	1	1	1	1	E12
12	12		1912843-00	LS139 DECODER, 2 OF 4(DUAL)	2	2	2	2	E3,E24
13	13		1912863-00	LS273 FF-D OCTAL W/CLEAR	1	1	1	1	E5
14	14		1914213-00	B1LS97 BUFFER GATE-OCTAL 2I	2	2	2	2	E9,E11
15	15		2113106-01	1K MOS RAM 250NS	1	1	1	1	E4
16	16		2114212-00	P 2114-2 RAM,1024X4,STATIC	6	6	6	6	E2,E7,E10,E14,E18,E22
17	18		1211164-04	SW,DIP 1P 1A 8POS	2	2	2	2	E19,E20
18	19		23069E2-00	E2-02,E2-04	RO	-	1	-	E21
19	20		23099E2-00	E2-02		-	-	1	E21
20	21		23100E2-00	E2-02		-	-	1	E17
21	22		23093E2-00	E2-02,E2-04		-	-	-	E21
22	23	A-SP-3700554-0-0	3700554-00	PKG MODULE 5413097	REF	REF	REF	REF	
23	24	A-SP-3700438-0-0	3700438-05	PKG. BULK CARTON 9906476-29	REF	REF	REF	REF	

24 NOTE: FOR INDIVIDUAL FIELD SERVICE/CUSTOMER SPARES SHIPMENT USE PACKAGING INSTRUCTION A-SP-3700554-0-0.

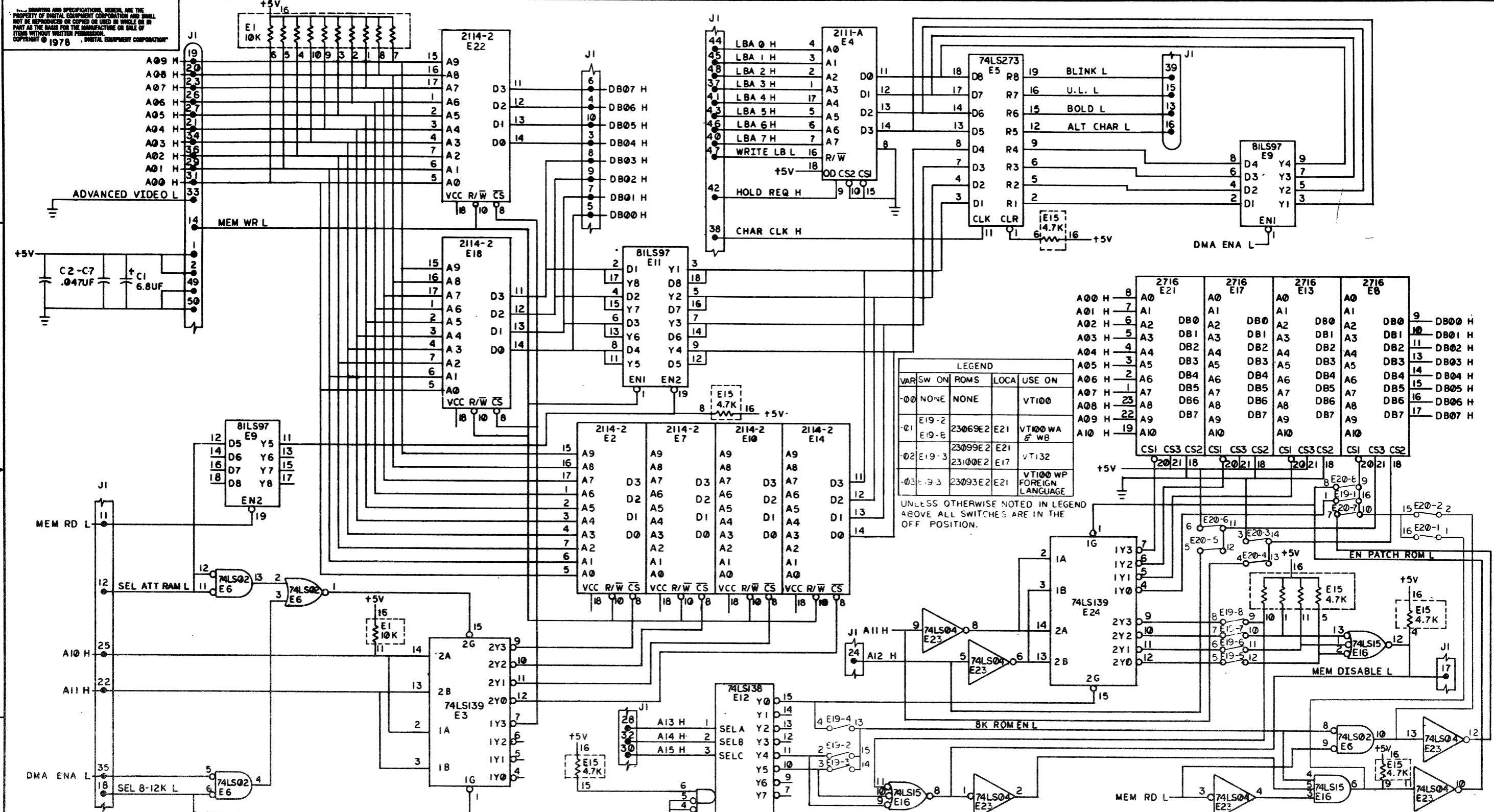
25 NOTE: FOR BULK INTERPLANT SHIPMENT USE PACKAGING INSTRUCTIONS A-SP-3700438-00.

REVISION HISTORY			BASIC PART NO: 5413097			DRN:			T. SHETRAWSKI			DATE: 10-MAR-78			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION A OF A			CHK'D:			TITLE			PARTS LIST					
	INIT	A	SECTION.VARIATION INDEX			CHK'D:	T. SHETRAWSKI		DATE:	10-MAR-78							
	5413097-ML002	C	[A] 00,01,02,03														VT100 ADV VIDEO
	5413097-ML003	D	[B]														
	5413097-ML004	E	[C]			DES.ENG:	D. PUCCI		DATE:	10-MAR-78							
	5413097-ML005	F	[D]														
	5413097-ML006	H	[E]														DOCUMENT NUMBER
			[F]			RESP.ENG.:	D. PUCCI		DATE:	10-MAR-78							
			[G]														
			[J]														
			[K]			MFG.ENG.:	T. CORCIARI		DATE:	10-MAR-78	K	PL	5413097-0-DBP	H			
			[L]														
			[M]			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:				FILE NAME:				
			[N]			ID-UA-5413097-0-0			IB-DD-5413097-0-0				Z1081H.PLS				9

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REVISIONS		
CHNK	CHANGE NO.	REV.
ER	5413097-ML001	B
C	5413097-ML002	C
R	5413097-ML003	D
P	5413097-ML004	E
L	5413097-ML005	F
J	5413097-ML006	G
E	5413097-ML007	H
A	5413097-ML008	I
E.C.	5413097-ML009	J
	5413097-ML010	K

DRN.	<i>Deck</i>	J-14-70	FIRST USED ON	VT100	digits	
CHK	<i>Deck</i>	1/3/78	TITLE	VT100		
ENG.	<i>1</i>	5/1/78	ADVANCED VIDEO			
PROJ. ENG.	<i>Frank</i>	5/1/78	SIZE	CODE	NUMBER	EFV.
PROD.	<i>Reception</i>	6/1/78	D	CS	5413097-0-1	F
NEXT HIGHER ASSY.				DIST.		
B-DO-5413097-0						
SCALE	+	+				
SHEET	OF					

**DIGITAL EQUIPMENT CORPORATION
PARTS LIST**

MADE BY	D. HEALY	CHECKED DATE	D. HEALY	SECTION
DATE	14-JUN-78	DATE	14-JUN-78	A1
ENG DATE	E. WEDEKING	PROD DATE	K. HOFFMAN	ISSUED SECTION
			10-JUL-78	A2

QUANTITY / VARIATION

NOTES:

- VARIATIONS BA, BB, CA, CB, DA, & DB ARE SHIPPING CONFIGURATIONS ONLY. THEY ARE PACKAGED AT THE WAREHOUSE AND FA&T SYSTEMS PLANTS FOR SHIPMENT. ALL QUANTITIES ARE FOR REFERENCE ONLY.

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	VT100-AA	VT100-AB	VT100-AC	VT100-NP	VT100-WA	VT100-WB	VT100-VC	VT100-WD	VT100-WE	VT100-WF	VT100-WG	VT100-WH	REF DESIGNATION
				VT100-AA	VT100-AB	VT100-AC	VT100-NP	VT100-WA	VT100-WB	VT100-VC	VT100-WD	VT100-WE	VT100-WF	VT100-WG	VT100-WH	
1	EK-VT100-UG-001	EK-VT100-UG	GUIDE, USERS VT100	1	1	1	1	1	1	1	1	1	1	1	1	
2		3615741	LABEL, SET-UP, VT100	1	1	1	1	1	1	-	-	-	-	-	-	
3		VT100-AA	TERM., VIDEO, W/115V PLUG	1	-	-	-	-	-	-	-	-	-	-	-	
4		VT100-AB	TERM., VIDEO, W/230V PLUG	-	1	-	-	-	-	-	-	-	-	-	-	
5		VT100-AC	TERM., VIDEO, DECPFORM,W/115V PLUG	-	-	1	-	-	-	-	-	-	-	-	-	
6		VT100-NP	TERM., VIDEO, DECPFORM,W/230V PLUG	-	-	-	1	-	-	-	-	-	-	-	-	
7		VT100-WA	TERM., VIDEO, WORD PROCESSING, W/115V PLUG.	-	-	-	-	1	-	-	-	-	-	-	-	
8		VT100-WB	TERM., VIDEO, WORD PROCESSING, W/230V PLUG.	-	-	-	-	-	1	-	-	-	-	-	-	
9	A-SP-VT100-W-0		INSTALLATION NOTES, WORD PROCESSING TERMINAL.	-	-	-	-	1	1	1	1	1	1	1	1	
10		VT100-NC	TERM., VIDEO, FR. CANADIAN WP W/ 115V PLUG	-	-	-	-	-	-	1	-	-	-	-	-	
11		VT100-ND	TERM., VIDEO, RR. CANADIAN WP W/ 230V PLUG	-	-	-	-	-	-	-	1	-	-	-	-	
12		VT100-WE	TERM., VIDEO, FRENCH WP W/115V PLUG	-	-	-	-	-	-	-	-	1	-	-	-	
13		VT100-WF	TERM., VIDEO, FRENCH WP W/230V PLUG	-	-	-	-	-	-	-	-	-	1	-	-	
14		VT100-WG	TERM., VIDEO, DUTCH,WP W/115V PLUG	-	-	-	-	-	-	-	-	-	-	1	-	
15		VT100-WH	TERM., VIDEO, DTUCH,WP W/230V PLUG	-	-	-	-	-	-	-	-	-	-	-	1	
16		VT100-WJ	TERM., VIDEO, GERMAN WP W/115V PLUG	-	-	-	-	-	-	-	-	-	-	-	-	
17		VT100-WK	TERM., VIDEO, GERMAN WP W/230V PLUG	-	-	-	-	-	-	-	-	-	-	-	-	
18		VT100-WY	TERM., VIDEO, WP W/115V PLUG	-	-	-	-	-	-	-	-	-	-	-	-	

ECO. NO. M1032	ML031	ML042	ML047	ML047
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TITLE
SHIPPING LIST VT100

ASSY NO.
SHEET 1 OF 6

SIZE B CODE PL NUMBER VT100-0 REV. H
INSERTION PARTS LIST DATA BASE REV

DIGITAL EQUIPMENT CORPORATION PARTS LIST

MADE BY DATE	D. HEALY 14-JUN-78	CHECKED DATE	D. HEALY 14-JUN-78	SECTION A2
ENG DATE	E. WEDEKING 10-JUL-78	PROD DATE	K. HOFFMAN 10-JUL-78	ISSUED SECTION A2

NOTES:

SEE NOTE 1, PAGE 1

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY / VARIATION												REF DESIGNATION
				VT100-AA	VT100-AB	VT100-NA	VT100-NB	VT100-WA	VT100-WB	VT100-WC	VT100-WD	VT100-WE	VT100-WF	VT100-WG	VT100-WH	
19		VT100-WZ	TERM, VIDEO, WP W/230V PLUG	-	-	-	-	-	-	-	-	-	-	-	-	
20		3615741-01	LABEL, SET-UP, VT100 FOR SYSTEMS	-	-	-	-	-	-	1	1	1	1	1	1	
21		AA-H989A-TA	VT100 FOREIGN LANGUAGE SUPPLEMENT	-	-	-	-	-	-	1	1	1	1	1	1	
22		VT100-LA	TERM, VIDEO, W/P45 TUBE	1	-	-	-	-	-	-	-	-	-	-	-	
23		VT100-LB	TERM, VIDEO, W/P45 TUBE	-	1	-	-	-	-	-	-	-	-	-	-	
24		VT100-PA	VT100-AA EXCEPT DARK GRAY 120V PRIVATE BRAND	-	-	-	-	-	-	-	-	-	-	-	-	
25		VT100-PB	VT100-AB EXCEPT DARK GRAY 240V PRIVATE BRAND	-	-	-	-	-	-	-	-	-	-	-	-	
26		VT100-PC	VT100-PA WITHOUT ELECTRONICS 120V PRIVATE BRAND	-	-	-	-	-	-	-	-	-	-	-	-	
27		VT100-PD	VT100-PB WITHOUT ELECTRONICS 240V PRIVATE BRAND	-	-	-	-	-	-	-	-	-	-	-	-	
28		VT100-PE	VT100-PA WITHOUT ELECTRONICS & NO KEYBOARD 120V PRIVATE BRAND	-	-	-	-	-	-	-	-	-	-	-	-	
29		VT100-PP	VT100-PB WITHOUT ELECTRONICS & NO KEYBOARD 240V PRIVATE BRAND	-	-	-	-	-	-	-	-	-	-	-	-	
30		EE-VT100-RC	VT100 PROGRAM REF CARD	1	1	1	1	1	1	1	1	1	1	1	1	
31		3618307-05	BOOKLET, FCC STATEMENT, WITH POUCH	1	1	1	1	1	1	1	1	1	1	1	1	

E.C.O.
NO.

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TITLE

SHIPPING LIST VT100

ASSY NO.

SHEET 2 OF 6

SIZE B CODE PL
NUMBER VT100-B
INSERTION PARTS LIST DATA BASE REVREV. H
ML3

**DIGITAL EQUIPMENT CORPORATION
PARTS LIST**

MADE BY	D. HEALY	CHECKED DATE	D. HEALY 14-JUN-78	SECTION	B1
ENG DATE	E. WEDEKING 10-JUL-78	PROD DATE	K. HOFFMAN 10-JUL-78	ISSUED SECTION	B2

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY / VARIATION										NOTES: SEE NOTE 1, PAGE 1
				VT100-WJ	VT100-WK	VT100-WX	VT100-WZ	VT100-A	VT100-B	VT100-PA	VT100-PB	VT100-PC	VT100-PD	VT100-PE
1	EX-VT100-UG-001	EX-VT100-UG	GUIDE, USERS VT100	1	1	1	1	1	1	-	-	-	-	-
2		3615741	LABEL, SETUP, VT100	-	-	-	-	1	1	-	-	-	-	-
3		VT100-AA	TERM., VIDEO, W/115V PLUG	-	-	-	-	-	-	-	-	-	-	-
4		VT100-AB	TERM., VIDEO, W/230V PLUG	-	-	-	-	-	-	-	-	-	-	-
5		VT100-NA	TERM., VIDEO, DECFORM, W/115V PLUG	-	-	-	-	-	-	-	-	-	-	-
6		VT100-NB	TERM., VIDEO, DECFORM, W/230V PLUG	-	-	-	-	-	-	-	-	-	-	-
7		VT100-NA	TERM., VIDEO, WORD PROCESSING W/115V PLUG.	-	-	1	-	-	-	-	-	-	-	-
8		VT100-NB	TERM., VIDEO, WORD PROCESSING, W/230V PLUG.	-	-	-	1	-	-	-	-	-	-	-
9	A-SP-VT100-W-0		INSTALLATION NOTES, WORD PROCESSING TERMINAL.	1	1	1	1	-	-	-	-	-	-	-
10		VT100-NC	TERM, VIDEO, PR. CANADIAN WP W/115V PLUG	-	-	-	-	-	-	-	-	-	-	-
11		VT100-ND	TERM, VIDEO, PR. CANADIAN WP W/230V PLUG	-	-	-	-	-	-	-	-	-	-	-
12		VT100-WE	TERM, VIDEO, FRENCH WP W/115V PLUG	-	-	-	-	-	-	-	-	-	-	-
13		VT100-WF	TERM, VIDEO, FRENCH WP W/230V PLUG	-	-	-	-	1	-	-	-	-	-	-
14		VT100-NG	TERM, VIDEO, DUTCH WP W/115V PLUG	-	-	-	-	-	-	-	-	-	-	-
15		VT100-NH	TERM, VIDEO, DUTCH WP W/230V PLUG	-	-	-	-	-	-	-	-	-	-	-
16		VT100-NJ	TERM, VIDEO, GERMAN WP W/115V PLUG	1	-	-	-	-	-	-	-	-	-	-
17		VT100-WK	TERM, VIDEO, GERMAN WP W/230V PLUG	-	1	-	-	-	-	-	-	-	-	-
18		VT100-WY	TERM, VIDEO, WP W/115V PLUG	-	-	1	-	-	-	-	-	-	-	-

ECO. NO.

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TITLE
SHIPPING LIST VT100

ASSY NO.

SHEET 3 OF 6

SIZE
B
PL

CODE
PL
NUMBER
VT100-0

REV.
H

ML3

**DIGITAL EQUIPMENT CORPORATION
PARTS LIST**

MADE BY DATE	D. HEALY 14-JUN-78	CHECKED DATE	D. HEALY 14-JUN-78	SECTION B2
ENG DATE	E. WEDDING 10-JUL-78	PPOD DATE	K. HOFFMAN 10-JUL-78	ISSUED SECTION B2

QUANTITY / VARIATION

NOTES:

SEE NOTE 1, PAGE 1

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	VT100-MJ	QUANTITY / VARIATION												REF DESIGNATION	
					VT100-WK	VT100-WL	VT100-WZ	VT100-LA	VT100-S	VT100-PA	VT100-PB	VT100-PC	VT100-PD	VT100-PE	VT100-PF			
19		VT100-WZ	TERM, VIDEO, WP W/230V PLUG	-	-	-	1	-	-	-	-	-	-	-	-	-		
20		3615741-01	LABEL, EST-UP, VT100 FOR SYSTEMS	1	1	1	1	-	-	-	-	-	-	-	-	-		
21		AA-H989A-TA	VT100 FOREIGN LANGUAGE SUPPLEMENT	1	1	1	1	-	-	-	-	-	-	-	-	-		
22		VT100-LA	TERM, VIDEO, W/P45 TUBE	-	-	-	-	1	-	-	-	-	-	-	-	-		
23		VT100-LB	TERM, VIDEO, W/P45 TUBE	-	-	-	-	-	1	-	-	-	-	-	-	-		
24		VT100-PA	VT100-AA EXCEPT DRAK GRAY 120V PRIVATE BRAND	-	-	-	-	-	-	1	-	-	-	-	-	-		
25		VT100-PB	VT100-AB EXCEPT DARK GRAY 240V PRIVATE BRAND	-	-	-	-	-	-	-	1	-	-	-	-	-		
26		VT100-PC	VT100-PA WITHOUT ELECTRONICS 120V PRIVATE BRAND	-	-	-	-	-	-	-	-	1	-	-	-	-		
27		VT100-PD	VT100-PB WITHOUT ELECTRONICS 240V PRIVATE BRAND	-	-	-	-	-	-	-	-	-	1	-	-	-		
28		VT100-PE	VT100-PA WITHOUT ELECTRONICS & NO KEYBOARD 120V PRIVATE BRAND	-	-	-	-	-	-	-	-	-	-	1	-	-		
29		VT100-PP	VT100-PB WITHOUT ELECTRONICS & NO KEYBOARD 240V PRIVATE BRAND	-	-	-	-	-	-	-	-	-	-	-	1	-		
30		EX-VT100-RC	VT100 PROGRAM REF CARD	1	1	1	1	1	1	1	1	1	1	1	1	1		
31		3618307-05	BOOKLET, ECC STATEMENT, WITH POUCH	1	1	1	1	1	1	1	1	1	1	1	1	1		

E.C.Q.
NO.

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TITLE

SHIPPING LIST VT100

ASSY NO.

—#—

SIZE
B
CODE
PL

NUMBER
VT100-
ML3

REV.
H

SHEET 4 OF 6

INSERTION PARTS LIST DATA BASE REV

digital

PARTS LIST

DRN. D. HEALY
DATE 14-JUN-78DES. ENG. E. WEDEKING
DATE 10-JUL-78MFG. ENG. K. HOFFMAN
DATE 10-JUL-78CHK'D. D. HEALY
DATE 14-JUN-78RESP. ENG. E. WEDEKING
DATE 10-JUL-78NEXT HIGHER DOC.
B-DD-VT100-J

NOTES:

SEE NOTE 1, PAGE 1

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY / VARIATION						REFERENCE DESIGNATORS
				VT100-BA	VT100-BB	VT100-CJ	VT100-CB	VT100-DA	VT100-DB	
1	EK-VT100-UG-001	EK-VT100-UG	GUIDE, USERS VT100	-	-	-	-	-	-	
2		3615741	LABEL, SET-UP, VT100	-	-	-	-	-	-	
3		VT100-AA	TERM., VIDEO, W/115V PLUG	4	-	8	-	16	-	
4		VT100-AB	TERM., VIDEO, W/230V PLUG	-	4	-	8	-	16	
5		VT100-NA	TERM., VIDEO, DECFORM, W/115V PLUG	-	-	-	-	-	-	
6		VT100-NB	TERM., VIDEO DECFORM, W/230V PLUG	-	-	-	-	-	-	
7		VT100-NA	TERM., VIDEO, WORD PROCESSING, W/115V PLUG	-	-	-	-	-	-	
8		VT100-NB	TERM., VIDEO, WORD PROCESSING W/230V PLUG	-	-	-	-	-	-	
9		A-SP-VT100-W-8	INSTALLATION NOTES, WORD PROCESSING TERMINAL	-	-	-	-	-	-	
10		VT100-NC	TERM, VIDEO, FR. CANADIAN WP W/ 115V PLUG	-	-	-	-	-	-	
11		VT100-ND	TERM, VIDEO, FR. CANADIAN WP W/ 230V PLUG	-	-	-	-	-	-	
12		VT100-NB	TERM, VIDEO, FRENCH WP W/115V PLUG	-	-	-	-	-	-	
13		VT100-NP	TERM, VIDEO, FRENCH WP W/230V PLUG	-	-	-	-	-	-	
14		VT100-WG	TERM, VIDEO, DUTCH, WP W/115V PLUG	-	-	-	-	-	-	
15		VT100-WH	TERM, VIDEO, DUTCH, WP W/230V PLUG	-	-	-	-	-	-	
16		VT100-WJ	TERM, VIDEO, GERMAN WP W/115V PLUG	-	-	-	-	-	-	
17		VT100-WK	TERM, VIDEO, GERMAN WP W/230V PLUG	-	-	-	-	-	-	
18		VT100-WY	TERM, VIDEO, WP W/115V PLUG	-	-	-	-	-	-	

ECONO

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SHIPPING LIST VT100

ASSY. NO.

SECTION C1 OF C2

SIZE B
CODE PLNUMBER
VT100-0

SHEET 5 OF 6

REV. H

digita

PARTS LIST

DRN. D. HEALY
DATE 14-JUN-78

DES. ENG. E. WEDEKING
DATE 10-JUL-79

MFG. ENG. K. HOFMAYER
DATE 10-JUL-78

CHK'D. D. HEALY
DATE 14-JUN-78

ESP. ENG. E. WEDEKING
DATE 10-III-78

NEXT HIGHER DOC
B-DD-VT:00-2

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	S	S	V	V	V	V	V	V				REFERENCE DESIGNATORS
19		VT199-WZ	TERM, VIDEO, NP W/230V PLUG	-	-	-	-	-	-	-	-				
20		361574-01	LABEL, SET-UP, VT199 FOR SYSTEMS	-	-	-	-	-	-	-	-				
21		AA-H989A-TA	VT199 FOREIGN LANGUAGE SUPPLEMENT	-	-	-	-	-	-	-	-				
22		VT199-LA	TERM, VIDEO, W/P49 TUBE	-	-	-	-	-	-	-	-				
23		VT199-LB	TERM, VIDEO, W/P49 TUBE	-	-	-	-	-	-	-	-				
24		VT199-PA	VT199-AA EXCEPT DARK GRAY 120V PRIVATE BRAND	-	-	-	-	-	-	-	-				
25		VT199-PB	VT199-AB EXCEPT DARK GRAY 240V PRIVATE BRAND	-	-	-	-	-	-	-	-				
26		VT199-PC	VT199-PA WITHOUT ELECTRONICS 120V PRIVATE BRAND	-	-	-	-	-	-	-	-				
27		VT199-PD	VT199-PB WITHOUT ELECTRONICS 240V PRIVATE BRAND	-	-	-	-	-	-	-	-				
28		VT199-PE	VT199-PA WITHOUT ELECTRONICS & NO KEYBOARD 120V PRIVATE BRAND	-	-	-	-	-	-	-	-				
29		VT199-PP	VT199-PB WITHOUT ELECTRONICS & NO KEYBOARD 240V PRIVATE BRAND	-	-	-	-	-	-	-	-				
30		EK-VT199-RC	VT199 PROGRAM REP CARD	-	-	-	-	-	-	-	-				
31		3618307-05	BOOKLET, FCC STATEMENT, WITH POUCH	-	-	-	-	-	-	-	-				

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TITLE

SHIPPING LIST VT199

ASSY. NO

B PL

NUMBER
VT198-8

REV.
H

SECTION C2 OF C2

SHEET 6 OF 6

ML 3

ML3

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

ENGINEERING SPECIFICATION

DATE 6/28/79

TITLE VT100-W Word Processing Terminals
Installation Notes

REVISIONS

REV	DESCRIPTION	CHG NO	ORIG	DATE	APPD BY	DATE
A	ECO CHANGE	VT100-W.TREMBLAY ML028	W.Tremblay 79	3/12/79	(initials)	5/1/80

The VT100 family of Word Processing Terminals consists of the basic VT100 terminal assembly to which, parts have been added or substituted to make unique terminals, dedicated to word processing applications in various languages.

Table 1 lists the unique parts make-up of the various VT100 Word Processing Terminals.

The VT100 incorporates a user set-up option which is activated by the set-up key on the keyboard. To maintain order among DEC Word Processing Systems using the VT100, a WORD PROCESSING STANDARD SET-UP had been defined. These settings are preset at the factory.

Table 2 shows the correct set-up B settings for VT100-WA and VT100-WB variations. Table 3 shows the correct settings for VT100-WC through VT100-WK, VT100-WY, and VT100-WZ.

Verify that the terminal is set-up correctly. If necessary, change incorrect settings then store the settings in the VT100's semi-permanent memory (Ref: VT100 User Guide EK-VT100-0011).

Unique to the VT100 Word Processing Terminal is a Word Processing Advanced Video Module P/N 5413097-xx. Table 5 illustrates ROM and jumper placement for the various modules.

Also unique to the VT100 Foreign Word Processing Terminals is a language set-up mode called the set-up C mode. Table No. 4 explains how to use the set-up C mode to select any one of 5 different languages.

Table 1
Word Processing VT100 Unique Parts

* Variation	* Basic Unit	* Unique Part	* Part Number
* VT100-WA	* VT100-AA	* Word Proc. Key Bd.	* 7015765-03 *
*	*	* Word Proc. Advanced	*
*	*	* Video Module	* 5413097-01 *
* VT100-WB	* VT100-AB	* Word Proc. Key Bd.	* 7015765-03 *
*	*	* Word Proc. Advanced	*
*	*	* Video Module	* 5413097-01 *
* VT100-WC	*	* French Canadian Key Bd.	* 7015765-05 *
*	*	* For. Language Advanced	*
*	*	* Video Module w/ROM A	* 5413097-03 *
*	*	* Basic Video Board	* 5413009-02 *

Table 1 (continued)
Word Processing VT100 Unique Parts

* Variation	* Basic Unit	* Unique Part	* Part Number
* VT100-WD	*	* French Canadian Key Bd.	* 7015765-05 *
*	*	* For. Language Advanced	*
*	*	* Video Module w/ROM A	* 5413097-03 *
*	*	* Basic Video Board	* 5413009-02 *
* VT100-WE	*	* French Key Bd.	* 7015765-06 *
*	*	* For. Language Advanced	*
*	*	* Video Module w/ROM A	* 5413097-03 *
*	*	* Basic Video Board	* 5413009-02 *
* VT100-WF	*	* French Key Bd.	* 7015765-06 *
*	*	* For. Language Advanced	*
*	*	* Video Module w/ROM A	* 5413097-03 *
*	*	* Basic Video Board	* 5413009-02 *
* VT100-WG	*	* Dutch Key Bd.	* 7015765-07 *
*	*	* For. Language Advanced	*
*	*	* Video Module w/ROM A	* 5413097-03 *
*	*	* Basic Video Board	* 5413009-02 *
* VT100-WH	*	* Dutch Key Bd.	* 7015765-07 *
*	*	* For. Language Advanced	*
*	*	* Video Module w/ROM A	* 5413097-03 *
*	*	* Basic Video Board	* 5413009-02 *
* VT100-WJ	*	* German Key Bd.	* 7015765-08 *
*	*	* For. Language Advanced	*
*	*	* Video Module w/ROM A	* 5413097-03 *
*	*	* Basic Video Board	* 5413009-02 *
* VT100-WK	*	* German Key Bd.	* 7015765-08 *
*	*	* For. Language Advanced	*
*	*	* Video Module w/ROM A	* 5413097-03 *
*	*	* Basic Video Board	* 5413009-02 *
* VT100-WY	*	* Word Proc. Key Bd.	* 7015765-03 *
*	*	* For. Language Advanced	*
*	*	* Video Module w/ROM A	* 5413097-03 *
*	*	* Basic Video Board	* 5413009-02 *
* VT100-WZ	*	* Word Proc. Key Bd.	* 7015765-03 *
*	*	* For. Language Advanced	*
*	*	* Video Module w/ROM A	* 5413097-03 *
*	*	* Basic Video Board	* 5413009-02 *

ENG
Walt Tremblay

APPD
Don Young

SIZE
A

CODE
SP

NUMBER
VT100-W

REV
A

Table 2
Word Processing User Option Set-up "B"

VT100-WA Set-up B

SET-UP B
TO EXIT PRESS "SET-UP"

1100 0101 0000 0010 T SPEED 9600 R SPEED 9600

SET-UP B mode may only be entered from SET-UP A mode. To enter SET-UP B from SET-UP A, press the 5 key on the main keyboard. The display will have a presentation similar to the figure shown above.

The table shown below explains the function of each bit and their proper setting.

VT100 SET-UP USING A PENCIL RECORD THE SET-UP FEATURES YOU HAVE SELECTED.

SCROLL (0=JUMP 1=SMOOTH)	(0=OFF 1=ON)	(0=SHIFTED) (1=+ 2=- 3=)	WRAP AROUND (0=OFF 1=ON)			
AUTOREPEAT (0=DARK BACKGROUND 1=LIGHT BACKGROUND)			NEW LINE (0=OFF 1=ON)			
SCREEN (0=UNDERLINE 1=BLOCK)			INTERLACE (0=OFF 1=ON) (USE WITH GRAPHICS)			
CURSOR (0=BLOCK)						
(OPTIONAL DISPLAY FOR CUSTOM FUNCTIONS)						
1 0 1 0 0	2 0 1 0 1	3 0 1 0 0	4 0 0 1 1	5 0 0 0 0	T SPEED []	R SPEED []
TABS SET AT POSITIONS:						
ANSI/VT52 (0=VT52 1=ANSI)						
KEYCLICK (0=OFF 1=ON)						
MARGIN BELL (0=OFF 1=ON)						
ANSWER BACK MESSAGE:						
<input type="checkbox"/> 80 CHARACTERS PER LINE <input type="checkbox"/> OR <input type="checkbox"/> 132 CHARACTERS PER LINE						
TO INCREASE INTENSITY USE [] TO DECREASE INTENSITY USE []						

3616261-00

Table 2
Word Processing User Option Set-up "B"

VT100-WB Set-up B

SET-UP B
TO EXIT PRESS "SET-UP"

1100 0101 1000 0011 T SPEED 9600 R SPEED 9600

SET-UP B mode may only be entered from SET-UP A mode. To enter SET-UP B from SET-UP A, press the 5 key on the main keyboard. The display will have a presentation similar to the figure shown above.

The table shown below explains the function of each bit and their proper setting.

VT100 SET-UP USING A PENCIL RECORD THE SET-UP FEATURES YOU HAVE SELECTED.

SCROLL (0=JUMP 1=SMOOTH)	(0=OFF 1=ON)	(0=SHIFTED) (1=+ 2=- 3=)	WRAP AROUND (0=OFF 1=ON)			
AUTOREPEAT (0=OFF 1=ON)			NEW LINE (0=OFF 1=ON)			
SCREEN (0=DARK BACKGROUND 1=LIGHT BACKGROUND)			INTERLACE (0=OFF 1=ON) (USE WITH GRAPHICS)			
CURSOR (0=UNDERLINE 1=BLOCK)						
(OPTIONAL DISPLAY FOR CUSTOM FUNCTIONS)						
1 0 1 0 0	2 0 1 0 1	3 0 1 0 0	4 0 0 1 1	5 0 0 0 0	T SPEED []	R SPEED []
TABS SET AT POSITIONS:						
ANSI/VT52 (0=VT52 1=ANSI)						
KEYCLICK (0=OFF 1=ON)						
MARGIN BELL (0=OFF 1=ON)						
ANSWER BACK MESSAGE:						
<input type="checkbox"/> 80 CHARACTERS PER LINE <input type="checkbox"/> OR <input type="checkbox"/> 132 CHARACTERS PER LINE						
TO INCREASE INTENSITY USE [] TO DECREASE INTENSITY USE []						

3616261-00

Table 3
Word Processing User Option Set-up "B"

VT100-WC-WK, WY, and WZ Set-up B

SET-UP B
TO EXIT PRESS "SET-UP"

1100 0101 0000 0001

P=80 T 9600 R 9600

NOTE: For WC and WD variations Group 4 should contain all zero's, unless 50 Hz, local echo and/or parity check is desired.

SET-UP B mode may only be entered from SET-UP A mode. To enter SET-UP B from SET-UP A, press the 5 key on the main keyboard. The display will have a presentation similar to the figure shown above.

The table shown below explains the function of each bit and their proper setting.

If the parity setting (P=?) is incorrect, it can be changed by holding the shift key down and pressing the P key repeatedly until the desired setting is displayed.

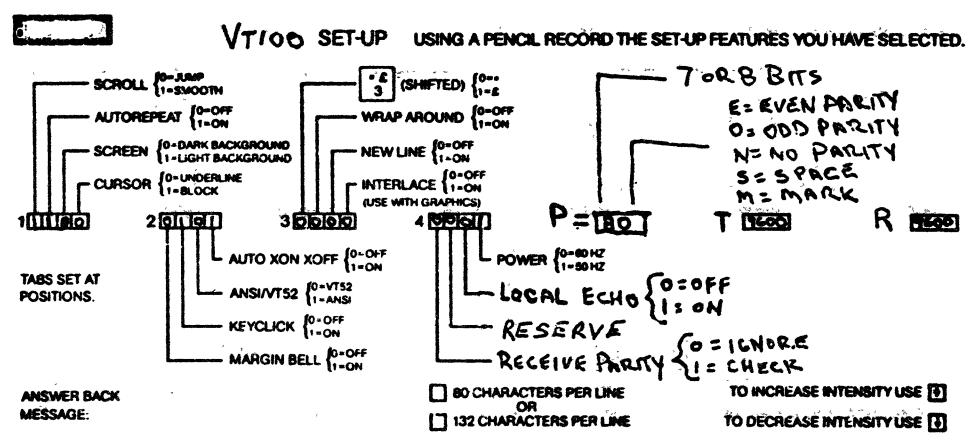


Table 4
Word Processing User Option Set-Up C

The SET-up C mode for VT100 variations -WC through WK, -WY and -WZ allows you to select any one of the following languages.

French Canadian
French
Dutch
German
English

SET-UP C mode may only be entered from SET-UP A mode. To enter SET-UP C from SET-UP A, press the 5 key on the main keyboard twice. The display will have a presentation similar to the figure shown below.

SET-UP C
TO EXIT PRESS "SET-UP"

DISPLAY ENGLISH

KEYBOARD ENGLISH

To change the language setting for the display and/or keyboard, advance the cursor until it is positioned above the incorrect language setting then press the number 6 key repeatedly until the desired language setting is displayed.

For terminals set-up for French all numbers (0-9) on the main keyboard are in the shifted position, therefore, they can only be accessed by holding the shift key down and then pressing the desired number key.

It is suggested that the "Caps Lock" key ("Shift Lock" in the French keyboard mode) be always engaged when doing set-up functions to eliminate confusion during set-up.

Table 5
Word Processing Adv. Video Module
ROM and Jumper Locations

VT100-WA & WB 5413097-01

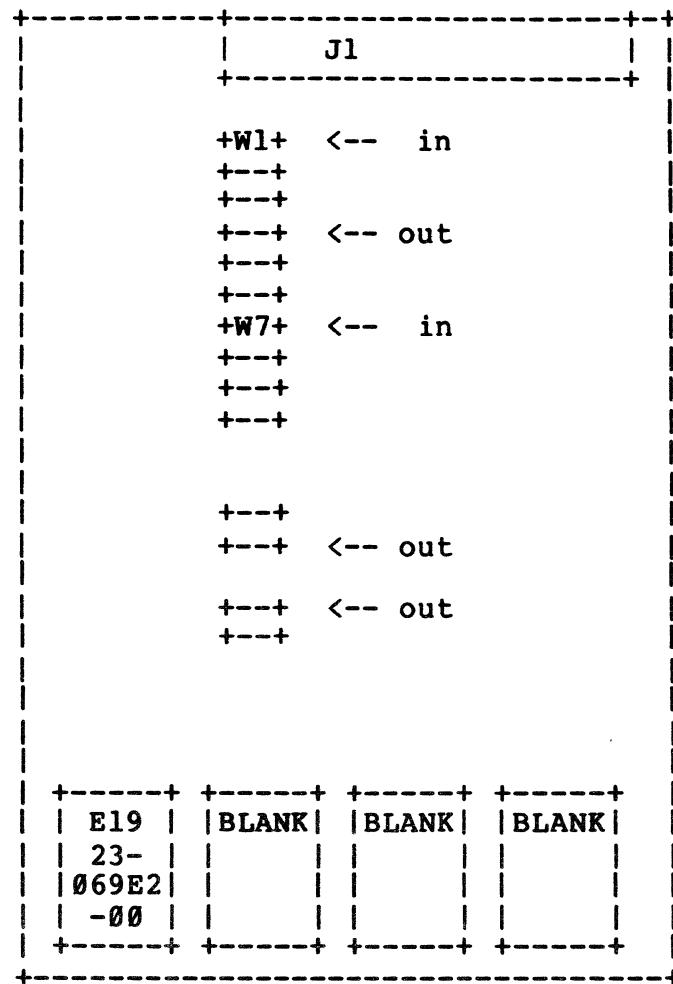
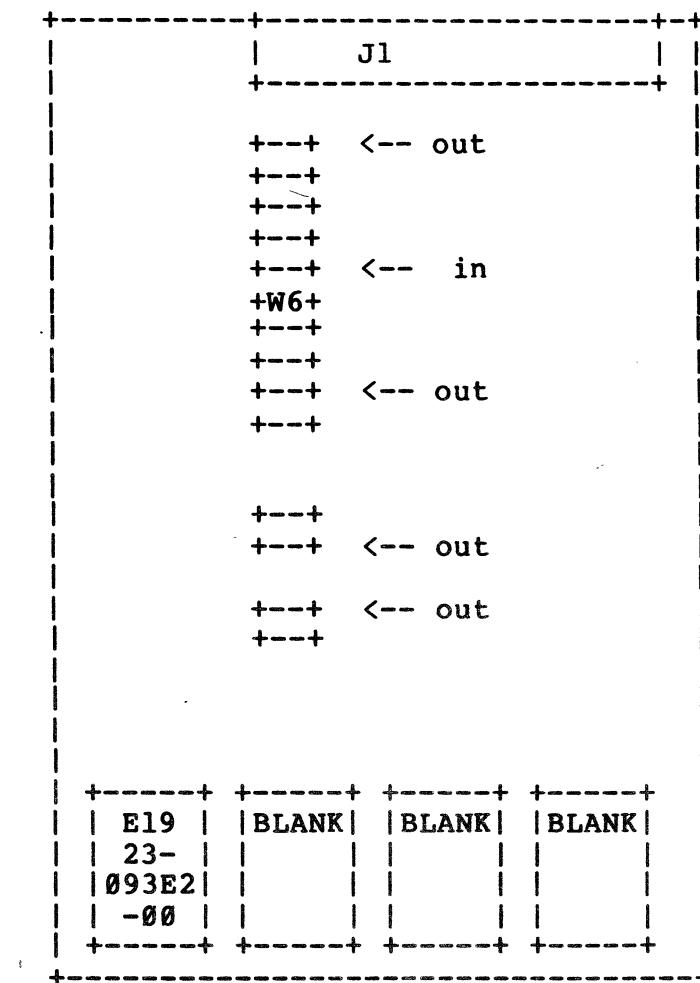
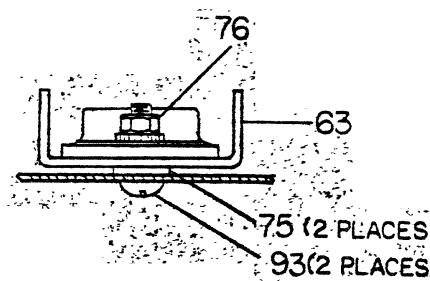
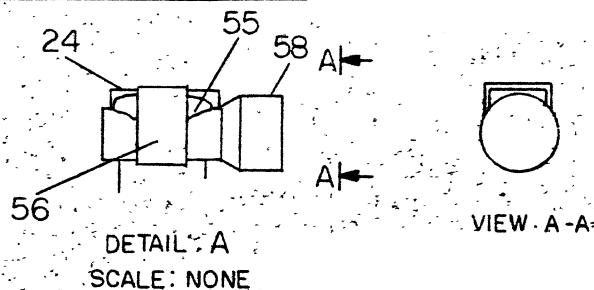


Table 5 (continued)
Word Processing Adv. Video Module
ROM and Jumper Locations

VT100-WC-WK, WY & WZ 5413097-03



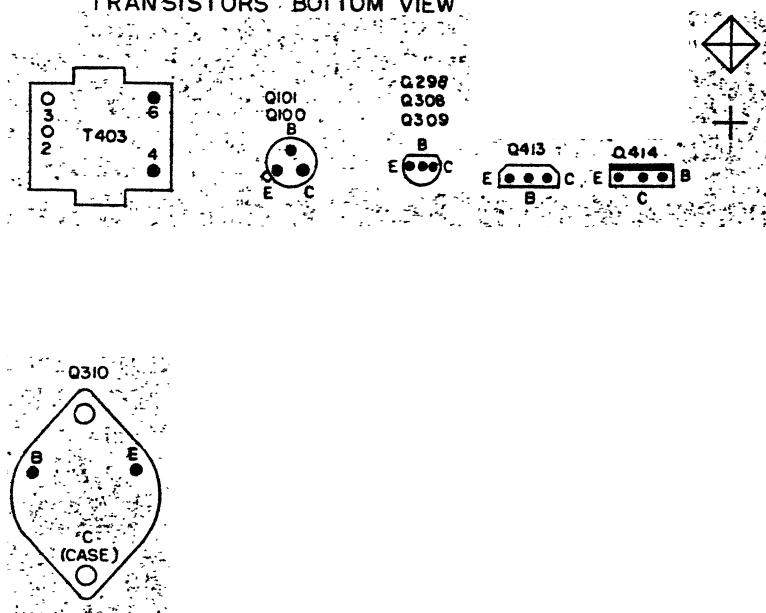
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©



75(2 PLACES
93(2 PLACES

VIEW B-B

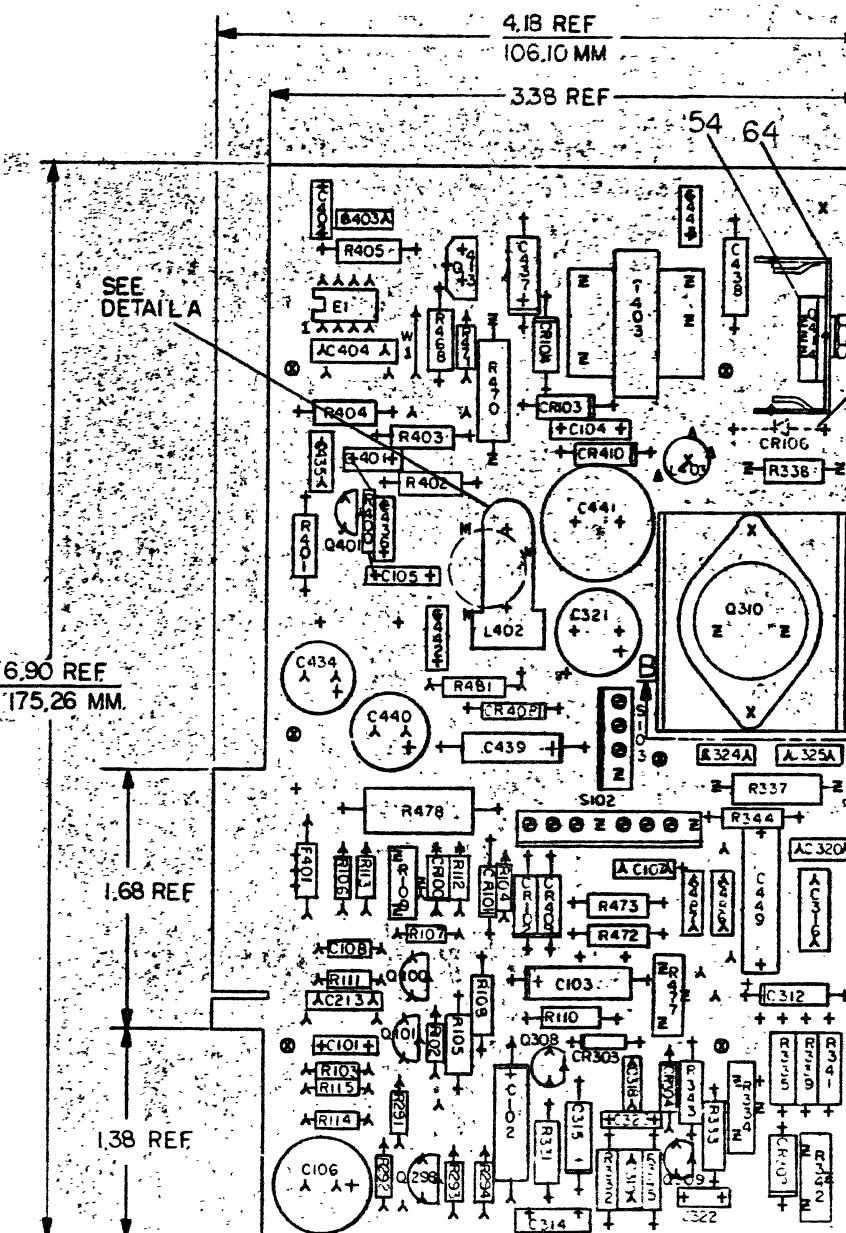
TRANSISTORS BOTTOM VIEW



NOTES! - CRIMES DO NOT LEAVE

NOTES: 1 CRI06 DO NOT USE
2 MAXIMUM LEAD LENGTH PROTRUSION .150
INCH ON SIDE 2

NOTES: 1 CRI06 DO NOT USE			
2 MAXIMUM LEAD LENGTH PROTRUSION .150			
INCH ON SIDE 2			
STEP E	→ Y FIXES	STEP	TIMES
REPEAT	→ X FIXES	STEP	TIMES



SIGNATURES		DATE	digital		
DRA. <i>John S. Johnson</i>	12-24-00				
CHK'D <i>John S. Johnson</i>	12-24-00				
MECH. ENG <i>R. Bruce Clark</i>	5-18-01				
PROJ. ENG <i>R. Bruce Clark</i>	5-18-01				
PROD. <i>John S. Johnson</i>	5-18-01				
SCALE 2'11			SIZE CODE	NUMBER	REV.
SHT. 1 OF 1			0 UA	5414131-0-0	S
PRINTED ON 12/24/00 BY DRAFTING DEPT. 2000					

PARTS LIST

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 66CV 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 200U 10% MYLR	1	1	C320
6	6		1016547-00 .022 MFD 200U 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,L319
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 16U +50-10% AL EL	3	3	C106,C434,C440
15	15		1016556-00 .05 MFD 100V +80-20Z5U DISC	3	3	C213,C314,C404
16	16		1016570-00 .001 MFD 500V +80-20Z5U DISC	2	2	C435,C403
17	17		1016571-00 .02 MFD 500V +80-20Z5U DISC	4	4	C104,C105,C486,C487
18	18		1016572-00 300.C MMF 500V 10% X5P 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	1	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 SZ 1W	1	1	CR410
23	23		1116476-00 PIV=400 I= 2 A	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 Z POT	1	1	R342
27	27		1316522-02 5.0 M .25 W20.0 Z POT	1	1	R477
28	28		1316522-01 100.0 K .25 W20.0 Z POT	2	2	R109,R334
29	29		1317528-00 39.0 2.0 W10.0 Z CC	1	1	R470
30	30		1300479-00 10.0 K .25 W 5.0 Z CC	1	1	R291

REVISION HISTORY			BASIC PART NO: 5414131	DRN:	KENT GLEEZEN	DATE: 24-MAR-81	D	I	G	T	A	L
ITEM	ECO NUMBER	REV	SECTION A OF A	TITLE				PARTS LIST				
INITIAL	IP		SECTION.VARIATION INDEX	CHK'D:	KENT GLEEZEN	DATE: 24-MAR-81	VT100 MONITOR					
DP 5414131-ML007	IR	[A] 00,01										
DP 5414131-ML008	S	[B]										
ICT 5414131-ML010	T	[C]		DES.ENG:	DICK PUCCI	DATE: 24-MAR-81						
		[D]										
		[E]										
		[F]		RESP.ENG.:	DICK PUCCI	DATE: 24-MAR-81						
		[G]										
		[H]										
		[I]										
		[J]										
		[K]		MFG.ENG.:	AL JOHNS	DATE: 24-MAR-81	K	PL	5414131-0-DBP	T		
		[L]										
		[M]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #		
		[N]		ID-UA-5414131-0-0		IB-DD-5414131-0-0		Z2387T.PLS		11		

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LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION			REFERENCE DESIGNATOR
				00	01		
31	31	1300445-00	.470 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 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 .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 .50 W 5.0 %	CC	1	1	R345
41	41	1300356-00	820.0 .50 W10.0 %	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	R1C7
45	45	1290274-00	220.0 .50 W 5.0 %	CC	1	1	R105
46	46	1300285-00	270.0 .50 W 5.0 %	CC	1	1	R341
47	47	1316525-00	1.0 3.0 W10.0 %	WW	1	1	R478
48	48	1509525-00	2N 3906 PNP 310MW SI 40100 Y		1	-	Q278
		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 407D NPN POWER TRANS 10220		1	1	Q414
55	55	4901303-00	WAX	A/R	A/R		
56	56	9107685-03	TUBING,SHRINK 1/2 DIA.FXP UL	A/P	A/R		
57	57	1616309-00	Y-FMR,HORIZONTAL DRIVE		1	1	T403
58	58	1616538-00	F-IL,HORIZONTAL,LINEAR		1	1	L402
59	59	1616536-00	XFMR HORIZONTAL WIDTH		1	1	L403
60	60	1210929-05	FUSE, SUR-MINI, 2.500A, 125V, A		1	1	F401
61	61	1216521-01	PCB,HEADER 08PIN(1X08).156CC STR		1	1	S102
62	62	1216521-00	PCB,HEADER 04PIN(1X04).156CC STR		1	1	S103
63	63	1216471-00	HEAT SINKS,TO-3/TO-66 1.531x1.25		1	1	
64	64	1217561-00	HEAT SINKS,TO-220 1.390x1.00		1	1	
65	65	4901304-00	COMPOUND, SILICONE THERMAL, VISC	A/R	A/R		
66	66	9006022-01	*** THIS ITEM IS NOT USED ***		-	-	
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 .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 5Z200PPM MICA		1	1	C401
74	74	1911944-00	555CN TIMER,FUNCT.BLOCK		1	1	E1
75	75	9006659-00	WASHER,FLAT STEEL		2	2	
76	76	9008185-00	NUT,KEP 6-32X 1/4 AF		3	3	
77	77	1300197-00	33.0 .25 W 5.0 %	CC	1	1	R471

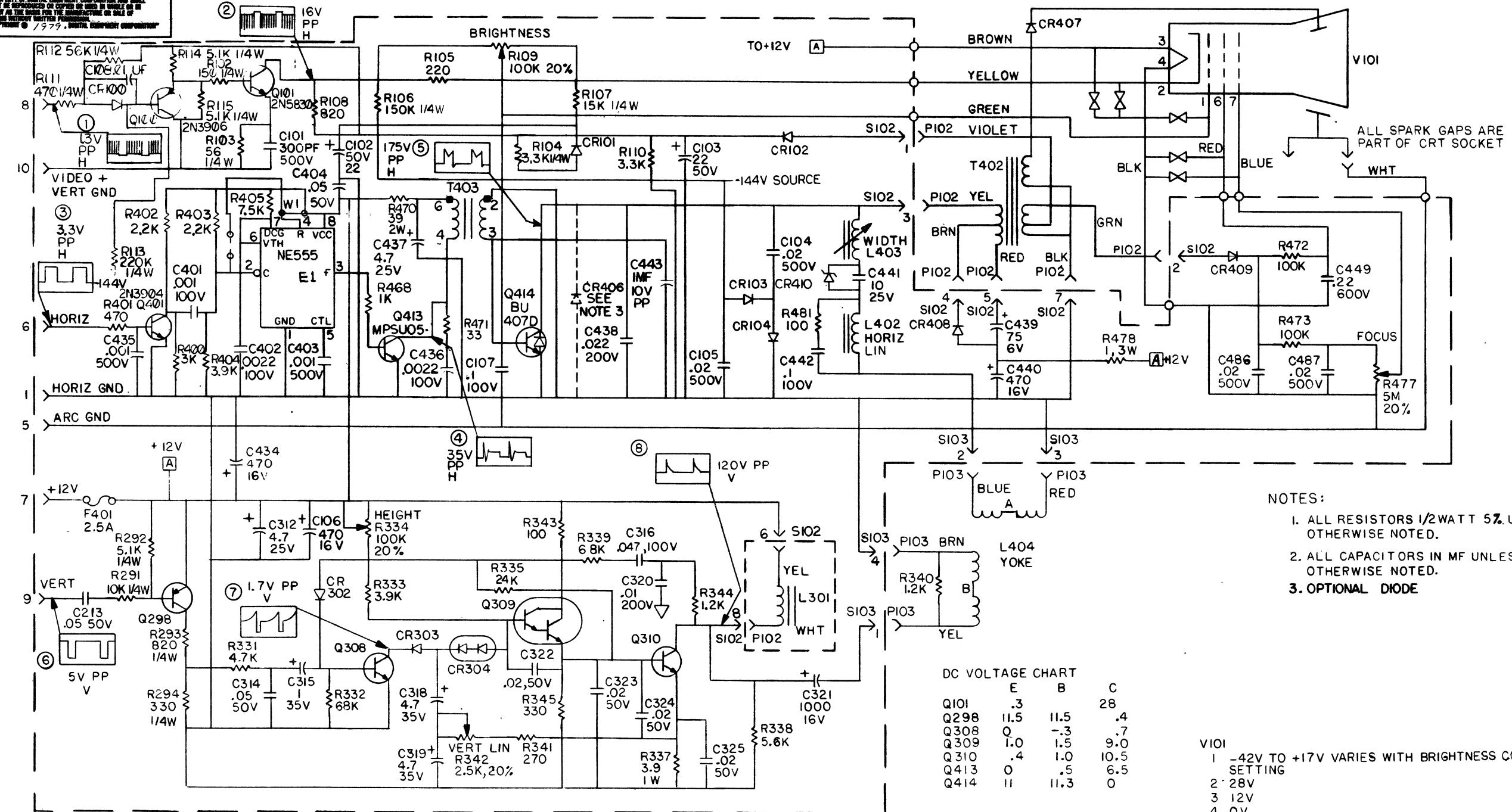
TITLE		SECTION A OF A		SIZE CODE DOCUMENT NUMBER REV	
D	I	G	I	T	A
K	P	L	5	4	14131-0-DBP

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION			REFERENCE DESIGNATOR
				00	01		
78	78	1300432-00	.30 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	1306295-00	330.0 .25 W 5.0 %	CC	1	1	R294
82	82	9107776-99	WIRE(WRAP) 22AWG IPVC UL142 A/R				
83	83	9009185-00	JUMPER, WIRE, INSULATED, BLACK B		1	1	W1
84	84	1302602-00	56.0 .25 W 5.0 %	CC	2	-	R102,R103
		CONT			-	1	R103
85	85	1300250-00	150.0 .25 W 5.0 %	CC	-	1	R102
86	86	1300316-00	470.0 .25 W 5.0 %	CC	-	1	R111
87	87	1302395-00	56.0 K .25 W 5.0 %	CC	-	1	R112
88	88	1302092-00	220.0 K .25 W 5.0 %	CC	1	1	R113
89	89	1312930-00	5.10 K .25 W 5.0 %	CC	1	-	R292
		CONT			-	3	R292,R114,R115
90	90	1001610-00	.01 MFD 50V +80-20% ZSU CFR		-	1	C108
91	91	1116475-00	1N 4148 PIV= 75 D035		2	-	CR302,CR303
		CONT			-	3	CR302,CR303,CR100
92	92	1111854-01	MK 817 PIV=800 I= 1A D041 S		1	1	CR409
93	93	9006023-01	SCREW,MACH PAN PHIL	6-	2	2	

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

TITLE				SECTION A OF A			SIZE CODE DOCUMENT NUMBER REV		
1	2	3	4	5	6	7	8	9	10
B	I	G	I	T	A	L	K	PL	5114131-0-DBP

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- NOTES:
1. ALL RESISTORS 1/2WATT 5% UNLESS OTHERWISE NOTED.
 2. ALL CAPACITORS IN MF UNLESS OTHERWISE NOTED.
 3. OPTIONAL DIODE

	E	B	C
Q101	.3		28
Q298	11.5	11.5	.4
Q308	0	-.3	.7
Q309	1.0	1.5	9.0
Q310	.4	1.0	10.5
Q413	0	.5	6.5
Q414	11	11.3	0

VIO1
 1 -42V TO +17V VARIES WITH BRIGHTNESS CONTROL
 2 28V
 3 12V
 4 0V
 5 NC
 6 +365V
 7 0V TO +360V VARIES WITH FOCUS CONTROL SETTING
 2ND ANODE 12KV

REVISIONS	CHANGE NO.	REV.
CHN	5414131-ML002	K
CHN	5414131-ML002	L
CHN	5414131-ML003	L
CHN	5414131-ML003	M
CHN	5414131-ML004	N
CHN	5414131-ML005	N
CHN	5414131-ML006	P
CHN	5414131-ML007	R
CHN	5414131-ML008	S
CHN	5414131-ML009	T
CHN	5414131-ML010	T
CHN	5414131-ML011	T
CHN	5414131-ML012	T
CHN	5414131-ML013	T
CHN	5414131-ML014	T
CHN	5414131-ML015	T
CHN	5414131-ML016	T
CHN	5414131-ML017	T
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CHN	5414131-ML027	T
CHN	5414131-ML028	T
CHN	5414131-ML029	T
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CHN	5414131-ML194	T
CHN	5414131-ML195	T
CHN	5414131-ML196	T
CHN	5414131-ML197	T
CHN	5414131-ML198	T
CHN	5414131-ML199	T
CHN	5414131-ML200	T

DRN. P/N	I MARK	FIRST USED ON	REV.
5414131-0-1	7	VT100	digital
ENG. R. PUCCI	7	7	A
PROD. R. PUCCI	7	7	A
NEXT HIGHER ASSY.			
D-UA-5414131-0-C			
SCALE			