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## FIELD MAINTENANCE PRINT SET

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D-CS-5413009-0-J	BASIC VIDEO BOARD (CS)
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D-CS-5412996-0-1	H7831 POWER SUPPLY BOARD (CS)
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K-PL-5414131-0-DBP	VT100 MONITOR
D-CS-5414131-0-1	VT100 MONITOR

**VTIØØ-Ø**

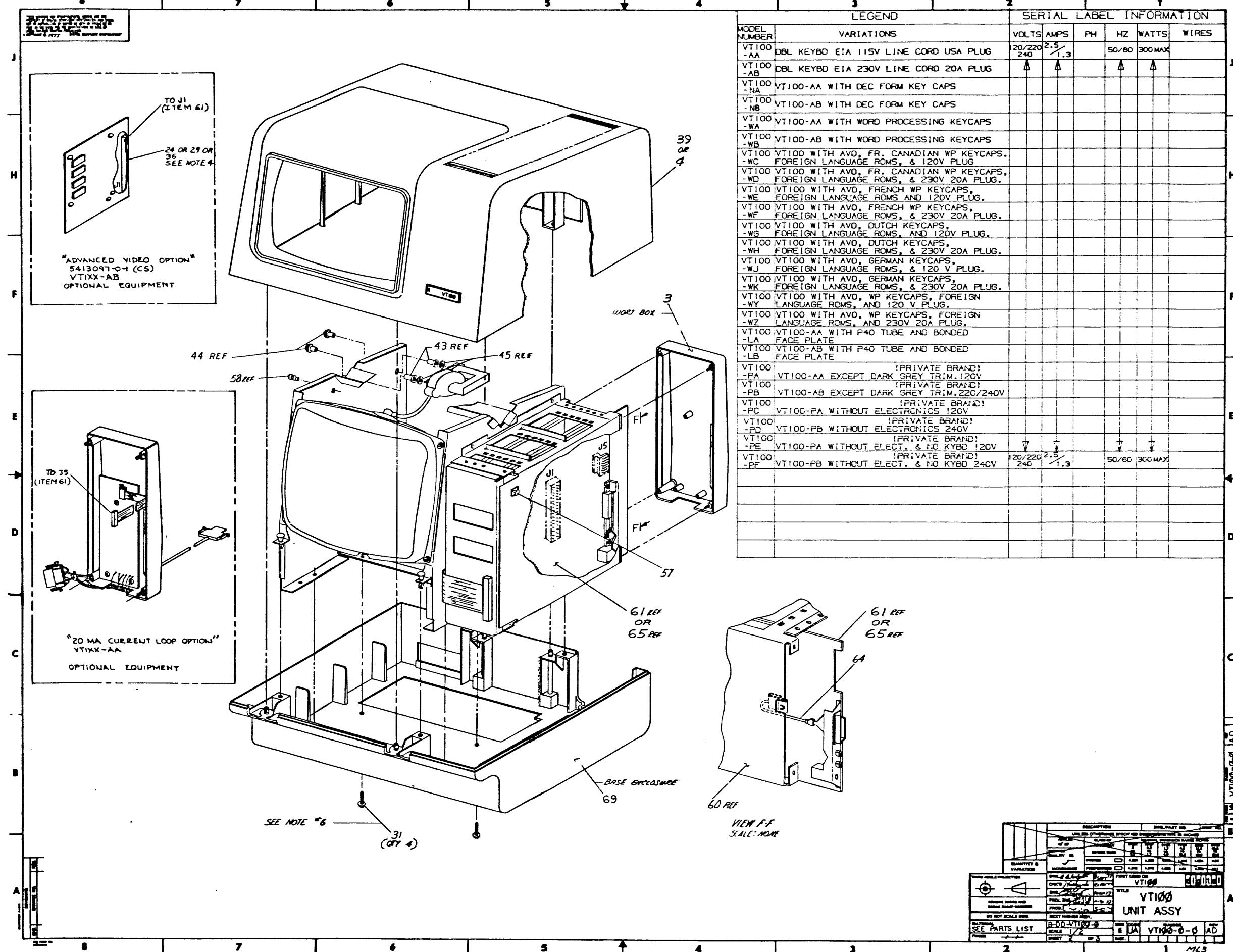
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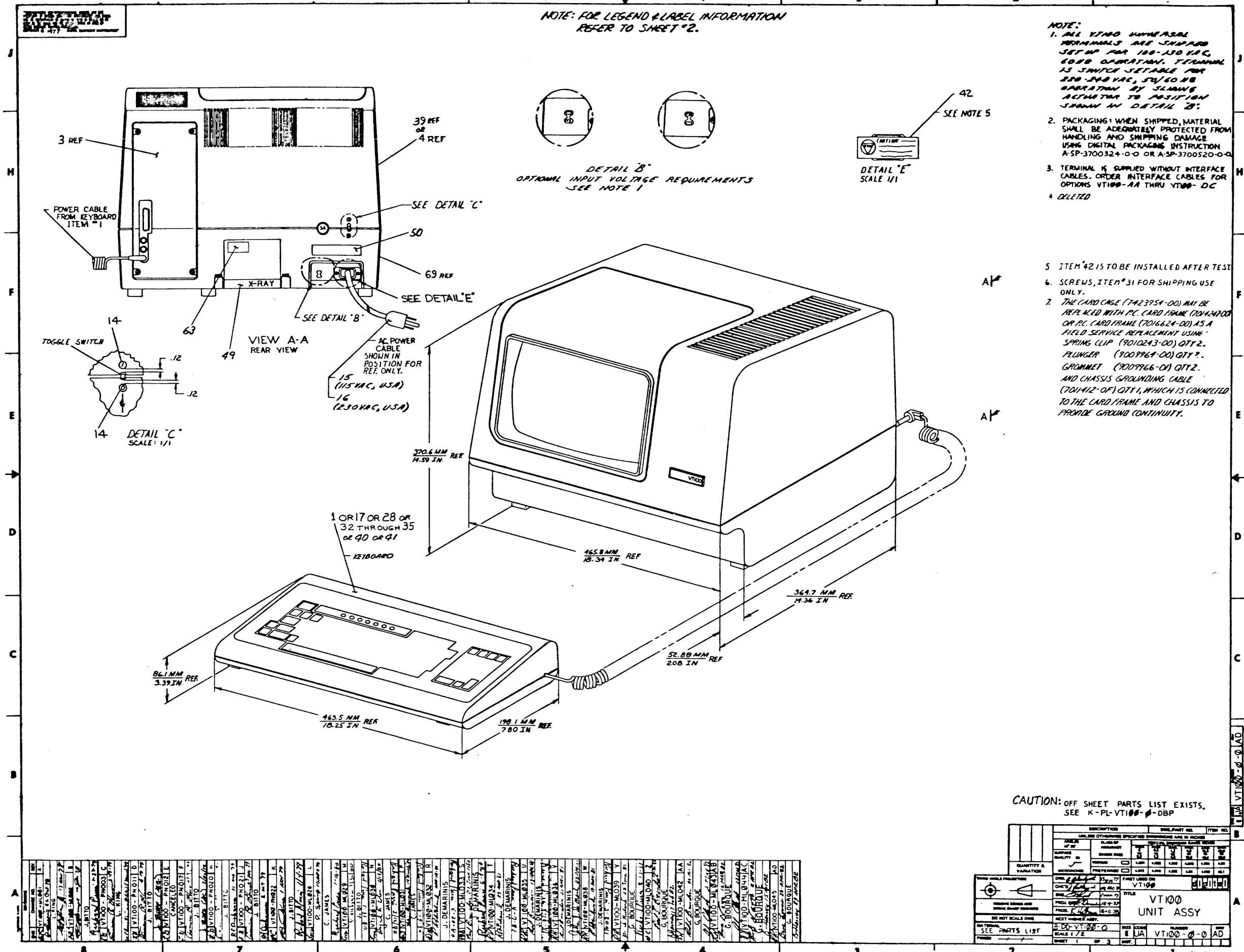
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Corporation**

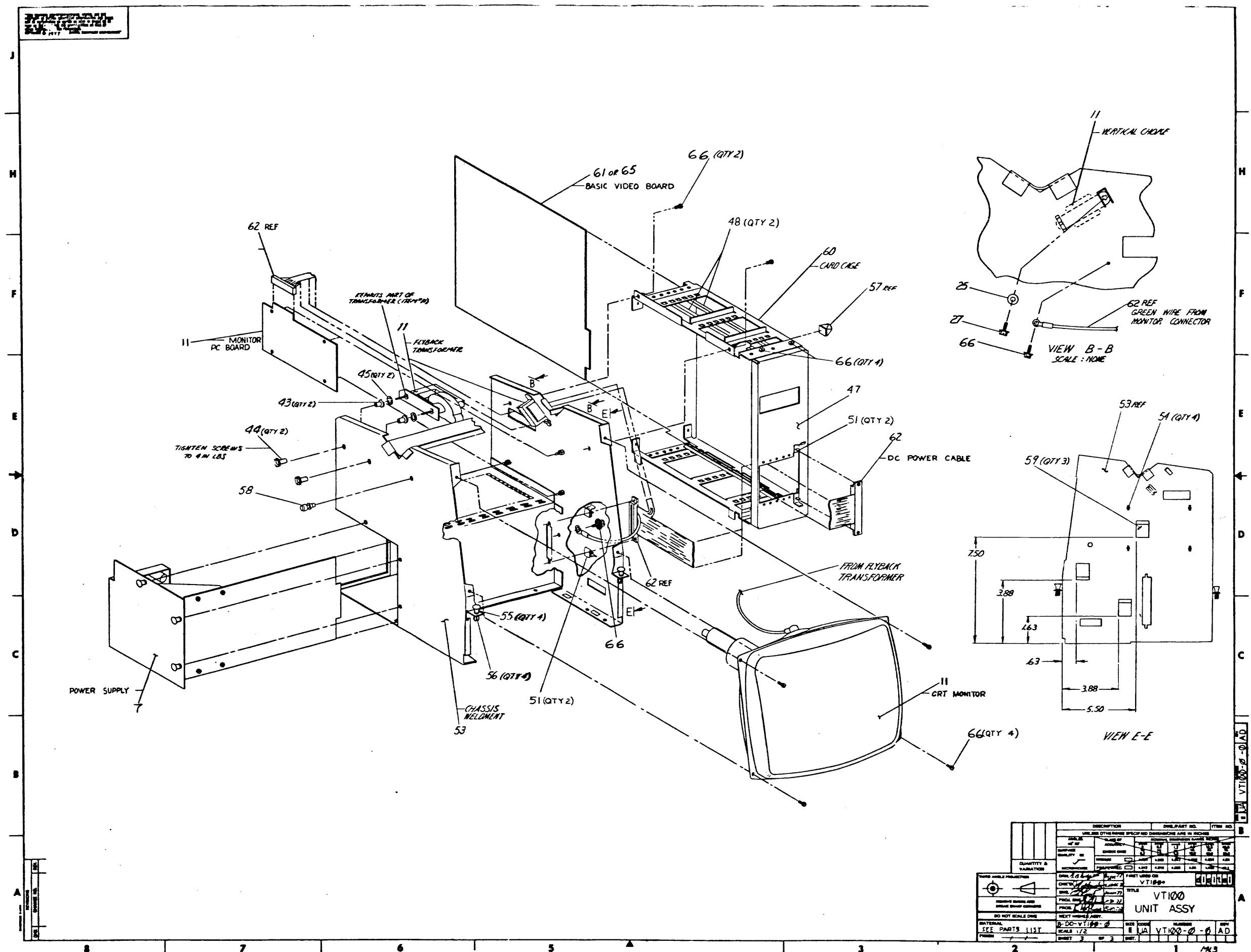
PRINT SET ORDER NO.  
MP00633

REVISIONS	CHG. NO.	REV.	FEB-82	VT100-ML04I	D	USED ON OPTION/MODEL	DRN.	DATE	TITLE: VT100 UNIT ASSY. (TABLE OF CONTENTS)		
							B. BLODGETT	27 OCT 77			
CHK'D	D. HEALY	APR 78	10				DATE	10 APR 78			
							PROJ. ENG.				
G. DOUMANI	FIELD SERV.	6-26-78	12				DATE	6-26-78			
							J. ZALESKA				
SHEET 1 OF 1	DIST.	CODE	NUMBER	VT100-0-1	REV.		B	TC		D	
							DIST.				

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## PARTS LIST

SHEET A1 OF A2

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	BASE ASSY ENCLOSURE	1	1	1	1	1	1	1	1	1	1	1	1
3	3	D-IA-7014976-0-0	7014976-00	WORT BOX ASSY	1	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	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	1
8	8		7014978-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
9	9		5413009-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
10	10		741983G-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
11	11		3016080-00	/REPLACED BY 70-18349-00	1	1	1	1	1	1	1	1	1	1	1	1
12	12		9010007-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
13	13		9009967-00	SCREW,HEX,SLOT,SEMS 6-32X .312L	12	12	12	12	12	12	12	12	12	12	12	12
14	14		3615680-00	LABEL,ADHESIVE BACK,SWITCH POSIT	1	1	1	1	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	-	1	-	1	-
16	16	A-PS-1700083-0-0	1700083-10	PWR CORD,TERM. 75IN,18-3,250V 6	-	1	-	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	1
23	23	E-UA-VT1XX-AA-0	VT1XX-AA	VT100 20MA CURRENT LOOP OPTION W	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF
24	24	A-PL-VT1XX-AB-0	VT1XX-AB	ADVANCED VIDEO OPTION FOR VT100	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF
25	25		9006659-00	WASHER, FLAT, .375 O.D. X .156 I	1	1	1	1	1	1	1	1	1	1	1	1
26	26		9007649-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
27	27		9010112-00	SCREW,TAPPING,TYPE B,HEX ,SLOT,	1	1	1	1	1	1	1	1	1	1	1	1
28	28	E-UA-7014653-0-0	7014653-03	KEYBOARD ASSY.	-	-	-	-	1	1	-	-	-	-	-	-
29	29		5413097-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
30	30		9009313-01	SUPPORT,C.BD.,FLAME RET.,NATURAL	-	-	-	-	4	4	4	4	4	4	4	4

REVISION HISTORY		BASIC PART NO:	VT100	DRN:	B. BLODGETT	DATE: 3-SEP-77	TITLE	PARTS LIST							
ENG!	ECO NUMBER	I REV	SECTION A OF B												
JD	VT100-ML040	I Z	SECTION. VARIATION INDEX	CHK'D:	D. HEALY	DATE: 24-SEP-77									
GB	VT100-ML042	I AA	[A] AA,AB,NA,NB,WA,WB, WC,WD,WE,WF,WG,WH											UT100 UNIT ASSY.	
			[B] WJ,WK,WY,WZ,LA,LB, PA,PB,PC,PD,PE,PF	DES.ENG.:	E. WEDEKING	DATE: 26-JUN-78									
			[C]											DOCUMENT NUMBER	
			[D]											SIZE!CODE! NUMBER ! REV	
			[E]											MFG.ENG.: K. HOFFMAN ! DATE: 7-JUL-78 ! K ! PL ! VT100-0-DBP ! AA	
			[F]											ASSEMBLY NUMBER: E-UA-VT100-0-0 ! TOP DOCUMENT NUMBER: #B-DD-VT100-0 ! FILE NAME: ML08AA.PLS ! EDIT #: 35 !	
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## PARTS LIST

SHEET B1 OF B2

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION											
					WJ	WK	WY	WZ	LA	LB	PA	PB	PC	PD	PE	PF
1	1	D-UA-7014653-0-0	7014653-00	KEYBOARD ASSY	-	-	-	-	1	1	-	-	-	-	-	-
2	2	E-IA-7014980-0-0	7014980-00	BASE ASSY ENCLOSURE	1	1	1	1	1	1	1	1	1	1	1	1
3	3	D-IA-7014976-0-0	7014976-00	WORT BOX ASSY	1	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	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	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	/REPLACED BY 70-18349-00	1	1	1	1	-	-	1	1	1	1	1	1
12	12		9010007-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
13	13		9009967-00	SCREW,HEX,SLOT,SEMS 6-32X .312L	12	12	12	12	12	12	12	12	12	12	12	12
14	14		3615680-00	LABEL,ADHESIVE BACK,SWITCH POSIT	1	1	1	1	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	-	1	-	1	-
16	16	A-PS-1700083-0-0	1700083-10	PWR CORD,TERM. 75IN,18-3,250V 6	-	1	-	1	-	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	1	1	1	1
23	23	E-UA-VT1XX-AA-0	VT1XX-AA	VT100 20MA CURRENT LOOP OPTION W	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF
24	24	A-PL-VT1XX-AB-0	VT1XX-AB	ADVANCED VIDEO OPTION FOR VT100	-	-	-	-	REF	REF	REF	REF	REF	-	-	-
25	25		9006659-00	WASHER, FLAT, .375 O.D. X .156 I	1	1	1	1	1	1	1	1	1	1	1	1
26	26		9007649-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
27	27		9010112-00	SCREW,TAPPING,TYPE B,HEX ,SLOT,	1	1	1	1	1	1	1	1	1	1	1	1
28	28	E-UA-7014653-0-0	7014653-03	KEYBOARD ASSY.	-	-	1	1	-	-	-	-	-	-	-	-
29	29		5413097-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-	-	-
30	30		9009313-01	SUPPORT,C.BD.,FLAME RET.,NATURAL	4	4	4	4	-	-	-	-	-	-	-	-

REVISION HISTORY		!BASIC PART NO: VT100 !		TITLE																						
ENG!	ECO NUMBER	REV	SECTION B OF B	!DRN:	B. BLODGETT	DATE: 3-SEP-77	PARTS LIST																			
JD	VT100-ML040	Z	SECTION. VARIATION INDEX	CHK'D:	D. HEALY	DATE: 24-SEP-77	TITLE																			
GB	VT100-ML042	AA	[A] AA,AB,NA,NB,WA,WB, WC,WD,WE,WF,WG,WH [B] WJ,WK,WY,WZ,LA,LB, PA,PB,PC,PD,PE,PF	DES.ENG.: E. WEDEKING	DATE: 26-JUN-78	UT100 UNIT ASSY.																				
		C		RESP.ENG.: G. DOUMANI	DATE: 26-JUN-78	DOCUMENT NUMBER																				
		D		MFG.ENG.: K. HOFFMAN	DATE: 7-JUL-78	K	PL	VT100-0-DBP	SIZE	CODE	NUMBER	REV														
		E		ASSEMBLY NUMBER: E-UA-VT100-0-0	TOP DOCUMENT NUMBER: #B-DD-UT100-0	FILE NAME: ML08AA.PLS	EDIT #																			
		F																								

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## PARTS LIST

SHEET A2 OF A2

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION								
				AA	AB	NA	NB	WA	WB	WC	WD	WE
31	31	9010135-00	SCREW,FLAT,SLOT 8-32X 1/2	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
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
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	LABEL,CORRECT VOLTAGE SETTING,CA	1	1	1	1	1	1	1	1
43	43	B-IA-7423018-0-0	7423018-00	ISOLATION MOUNT.	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
45	45		9008193-00	WASHER, NYLON, FLAT .312 X .812	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
48	48		1212405-00	CARD GUIDE, NYLON	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
50	50		3617674-01	LABEL,SERIAL & POWER W/UL & CSA	1	1	1	1	1	1	1	1
51	51		9010234-00	CLIP,CONN MTG. ZINCP	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
54	54		1217594-00	STANDOFF, POLYCARB 3/8"	4	4	4	4	4	4	4	4
55	55		9009964-00	PLUNGER, 5/16 DIA	4	4	4	4	4	4	4	4
56	56		9009966-01	GROMMET, SNAP-IN, 5/16 DIA	4	4	4	4	4	4	4	4
57	57		9009624-00	BUMPR, SQ., ADH BACK RUB-POLYU	1	1	1	1	1	1	1	1
58	58		1218041-00	BUMPER,RUBBER W/STEM	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
60	60	E-MD-7423954-0-DBU	7423954-00	CARD CAGE	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	-	-	-
62	62	D-IA-7014978-0-0	7014978-03	DC POWER CABLE VT100 FCC	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
64	64	B-IA-7017970-0-0	7017970-YA	CABLE GROUNDING 3.5	1	1	1	1	1	1	1	1
65	65	D-UA-5413009-0-0	5413009-05	VT100 BASIC VIDEO	-	-	-	-	-	1	1	1

! ! ! ! ! ! !	TITLE
D I G I T A L	VT100 UNIT ASSY.
! ! ! ! ! ! !	

! ! ! ! !	SECTION A OF B	! ! ! ! !
K PL	VT100-0-DBP	AA
! ! ! ! !		

ML3

## PARTS LIST

SHEET 82 OF 82

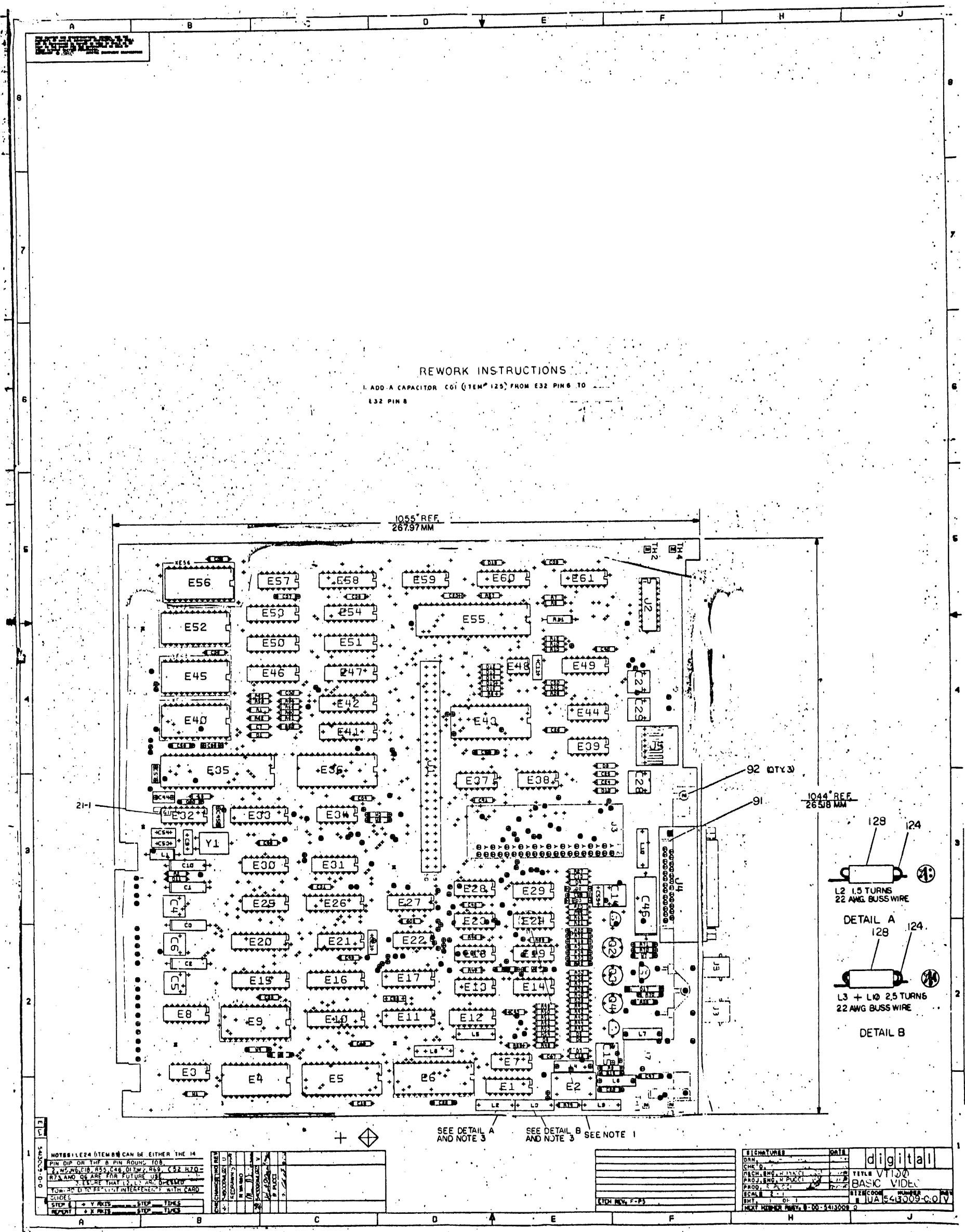
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION								
					WJ	WK	WY	WZ	LA	LB	PA	PB	PC
31	31		9010135-00	SCREW,FLAT,SLOT 8-32X 1/2	4	4	4	4	4	4	4	4	4
32	32	E-UA-7014653-0-0	7014653-05	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
33	33	E-UA-7014653-0-0	7014653-06	*** THIS ITEM 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	/REPLACED BY 70-18349-00	-	-	-	-	1	1	-	-	-
39	39	D-IA-7014974-0-0	7014974-02	ENCLOSURE CRT TOP ASSY W/DK. GRA	-	-	-	-	-	-	1	1	1
40	40	D-UA-7014653-0-0	7014653-10	KEYBD ENCLOSURE ASSY NO KEYBD	-	-	-	-	-	-	1	1	1
41	41	D-UA-7014653-0-0	7014653-09	KEYBD/KEYCAP ASSY DARK GRAY	-	-	-	-	-	-	-	-	1
42	42		3616157-00	LABEL,CORRECT VOLTAGE SETTING,CA	-	-	-	-	-	1	1	1	1
43	43	B-IA-7423018-0-0	7423018-00	ISOLATION MOUNT.	1	1	1	1	1	1	1	1	1
44	44	B-MD-7423006-0-0	7423006-00	SCREW,HEX WASHER HD,4-40	2	2	2	2	2	2	2	2	2
45	45		9008193-00	WASHER, NYLON, FLAT .312 X .812	2	2	2	2	2	2	2	2	2
46	46		7016624-00	*** THIS ITEM IS NOT USED ***	2	2	2	2	2	2	2	2	2
47	47	D-IA-7419469-0-0	7419469-00	STOP P.C. CARD	-	-	-	-	-	-	-	-	-
48	48		1212405-00	CARD GUIDE, NYLON	1	1	1	1	1	1	1	1	1
49	49	A-PS-3617544-0-0	3617544-00	LABEL,X-RAY RADIATION	2	2	2	2	2	2	2	2	2
50	50		3617674-01	LABEL,SERIAL & POWER W/UL & CSA	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
52	52	E-UA-5413097-0-0	5413097-01	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-
53	53	E-IA-7017434-0-DBU	7017434-00	CHASSIS WELDMENT	1	1	1	1	1	1	1	1	1
54	54		1217594-00	STANDOFF,POLYCARB 3/8"	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
56	56		9009966-01	GROMMET, SNAP-IN, 5/16 DIA	4	4	4	4	4	4	4	4	4
57	57		9009624-00	BUMPR, SQ., ADH.BACK RUB-POLYU	1	1	1	1	1	1	1	1	1
58	58		1218041-00	BUMPER,RUBBER W/STEM	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
60	60	E-MD-7423954-0-DBU	7423954-00	CARD CAGE	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
63	63		3617880-03	LABEL,FCC CLASS A PERIPHERAL	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	-	-	-
65	65	D-UA-5413009-0-0	5413009-05	VT100 BASIC VIDEO	1	1	1	1	-	-	-	-	-

! D ! I ! G ! I ! T ! A ! L !	! TITLE
VT100 UNIT ASSY.	

! SECTION B OF B
------------------

! SIZE ! CODE ! DOCUMENT NUMBER ! REV !
K PL VT100-0-DBP AA

ML3



LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION				REFERENCE DESIGNATOR
				03	04	05	99	
29	30	1300365-00	1.0 K .25 W 5.0 %	CC	2	2	2	R36, R67
30	31	1300398-00	1.80 K .25 W 5.0 %	CC	1	1	1	R31
31	32	1300417-00	2.20 K .25 W 5.0 %	CC	5	5	5	R18, R20, R22, R23, R27
32	33	1300426-00	2.70 K .25 W 5.0 %	CC	1	1	1	R7
33	34	1300447-00	4.70 K .25 W 5.0 %	CC	1	1	1	R25
34	35	1300479-00	10.0 K .25 W 5.0 %	CC	4	4	4	R2, R6, R12, R26
35	36	1301317-00	10.0 .25 W 5.0 %	CC	1	1	1	R57
36	37	1301422-00	7.50 K .25 W 5.0 %	CC	1	1	1	R59-R66
37	38	1301424-00	680.0 .25 W 5.0 %	CC	1	1	1	R37
38	39	1301425-00	300.0 .25 W 5.0 %	CC	1	1	1	R50
39	40	1301475-00	1.10 K .25 W 5.0 %	CC	1	1	1	R32
40	41	1301874-00	5.60 K .25 W 5.0 %	CC	1	1	1	R9
41	42	1301972-00	270.0 .25 W 5.0 %	CC	1	1	1	R38
42	43	1302379-00	75.0 .25 W 5.0 %	CC	4	4	4	R35, R45, R52, R54
43	44	1302391-00	20.0 K .25 W 5.0 %	CC	2	2	2	R43, R48
44	45	1303178-00	620.0 .25 W 5.0 %	CC	1	1	1	R49
45	46	1303187-00	820.0 K .25 W 5.0 %	CC	1	1	1	R8
46	47	1304833-00	1.96 K .25 W 1.0 % RN55D-F10	CC	1	1	1	R15
47	48	1313580-00	360.0 .25 W 5.0 %	CC	1	1	1	R39
48	49	1314673-00	35.0 .25 W 5.0 %	CC	1	1	1	R53
49	50	1501913-00	2N 2904A PNP 600MW SI 60 40 Y		3	3	3	Q2, Q3, Q4
50	51	1503409-00	DEC6534D PNP 310MW SI 40 90		1	1	1	Q1
51	52	1509524-00	2N 3904 NPN 310MW SI 40 40 M		1	1	1	Q5
52	53	1810694-06	XTAL 24.9832 MHZ		1	1	1	Y1
53	54	1814830-00	OSCILLATOR, XTAL 24.073 MHZ		1	1	1	E2
54	55	1909686-00	7404 INVERTER GATE-HEX II		1	1	1	E38
55	56	1909928-00	7416 INVERTER GATE-HEX II		2	2	2	E14, E18
56	57	1909929-00	7417 BUFFER GATE-HEX IINP		1	1	1	E29
57	58	1910236-00	DEC 7426 NAND GATE-QUAD 2IN,0		1	1	1	E7
58	59	1910322-00	DEC 1488L DRIVER LINE, QUAD, E1		1	1	1	E39
59	60	1912847-00	LS157 MUX 1 OF 2(QUAD)		1	1	1	E1
60	61	1912697-00	LS174 FF-D HEX W/CLEAR		2	2	2	E49, E61
61	62	1912799-00	LS00 NAND-GATE-QUAD 2IN,P		2	2	2	E23, E34
62	63	1912803-00	74LS04 INVERTER GATE, HEX		1	1	1	E19
63	64	1912815-00	LS30 NAND GATE-SINGLE 9IN		1	1	1	E3
64	65	1912818-00	LS38 NAND BUFFER-QUAD 2IN		1	1	1	E28
65	66	1912824-00	LS74 FF-D DUAL EDGE TRIGG		2	2	2	E13, E22
66	67	1912842-00	LS138 DECODER-THREE INPUT,		1	1	1	E27
67	68	1912843-00	LS139 DECODER, 2 OF 4(DUAL		1	1	1	E31
68	69	1912854-00	LS193 COUNTER, SYNCHR, 4BIT,		3	3	3	E21, E25, E30
69	70	1912863-00	LS273 FF-D OCTAL W/CLEAR		2	2	2	E16, E20
70	71	1913105-00	PB 8224C DRIVER/GEN CLOCK F		1	1	1	E32
71	72	1913109-00	8228 BUFFER DATA BASE FOR		1	1	1	E35
72	73	1913130-00	DEC 1489A RECEIVER, LINE, QUAD,		2	2	2	E37, E44
73	74	1914084-00	74S299 SHIFT REG. 8BIT RIGH		1	1	1	E10
74	75	1914156-00	LM 393 VOLT. COMPARATOR DUAL		1	1	1	E48
75	76	1914213-00	81LS597 BUFFER GATE-OCTAL 2I		4	4	4	E15, E41, E42, E58
76	80	1914214-00	LS374 FF-D OCTAL EDGE TRIG		2	2	2	E26, E33

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
VT100 BASIC VIDEO												
K PL 5413009-0-DBP AB												

AUTOMATED BY PRTLST.1D(11)

## PARTS LIST

SHEET A1 OF A4

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION				REFERENCE DESIGNATOR
				03	04	05	99	
1	1	D-MD-5013009-0-0	5013008-00	VT100 BASIC VIDEO	1	1	1	1
2	2		1000005-00	6.8 MMF 100V 5%200PPM MICA	1	1	1	C9
3	3		1000014-00	68.0 MMF 100V 5%200PPM MICA	1	1	1	C11
4	4		1000016-00	100.0 MMF 100V 5%200PPM MICA	2	2	2	C21,C54
5	5		1000076-00	.39 MFD 10V 10% S.TANT	1	1	1	C10
6	6		1017472-00	.10 MFD 35V +50-10% AL EL	3	3	3	C1,C2,C3
7	7		1010274-01	.22 MFD 50V +80-20% Z5U CER	13	13	13	CONT C4-C6,C14,C15,C27-C29,C44,C45,
8	8		1012784-00	.047 MFD 50V +80-20% CER	25	25	25	CONT C55,C56,C59
9	9							C7,C8,C13,C18,C19,C22,C24,C25,C30-C43,C48-C50
10	10		1013466-12	2200.0 MMF 50V 10% X7R CER	1	1	1	C26
11	11		1100114-00	D 664 QS\75PCB PIV= 25V SP	11	11	11	D4-D8,D11-D16
12	12		1105796-00	IN 4004 PIV=400 I= 1A D041 SP	2	2	2	D9,D10
13	13		1109502-03	IN 4742A VZ= 12.0 5% 1W	1	1	1	D3
14	14		1110994-00	IN 751A VZ= 5.1 5% .40W	1	1	1	D1
15	15		1114974-00	IN 4741A VZ= 11.0 5% 1W	1	1	1	D2
16	16		1215006-06	SKT,IC 24PIN DIP TIN PLATE	5	5	5	XE9,XE40,XE45,XE52,XE56
17	17		1211666-00	SKT,IC 18PIN DIP GOLD PLATE	1	1	1	J2
18	18		1214053-01	HEADER.150 50POS STRAIGHT	1	1	1	J1
19	19		1214828-00	CONN, 25POS RCPT	1	1	1	J4
20	20		1214829-00	EDGE CARD 40POS RT ANGLE .1250C	1	1	1	J3
21	21		1215048-01	CONN 7POS RT ANGLE	1	1	1	J5
22	22		1300005-07	R NETWORK 15-4.7K 5.0 X 16PIN	3	3	3	E8,E12,E59
23	23		1300219-00	68.0 .25 W 5.0 % CC	1	1	1	R40
24	24		1300229-00	100.0 .25 W 5.0 % CC	1	1	1	R34
25	25		1300250-00	150.0 .25 W 5.0 % CC	3	3	3	R51,R68,R74
26	26		1300271-00	220.0 .25 W 5.0 % CC	1	1	1	R41
27	27		1300295-00	330.0 .25 W 5.0 % CC	3	3	3	R1,R46,R47
28	28		1300315-00	470.0 .50 W 5.0 % CC	1	1	1	R11
29	29		1300316-00	470.0 .25 W 5.0 % CC	1	1	1	R21

## REVISION HISTORY

ENG!	ECO NUMBER	REV	SECTION A OF A	DRN:	T. SHETRAWSKI	DATE: 30-MAR-78	D	I	G	I	T	A	L
JD	5413009-PN010	N	SECTION.VARIATION INDEX	CHK'D:	T. SHETRAWSKI	DATE: 11-MAR-78							
--	5413009-ML011	P	[A] 03,04,05,99										
RP	ML012	R	[B]										
CJ	5413009-ML013	S	[C]	DES.ENG:	D. PUCCI	DATE: 30-MAR-78							
RP	5413009-ML014	T	[D]										
RP	5413009-ML015	U	[E]										
RP	5413009-ML016	V	[F]	RESP.ENG.:	D. PUCCI	DATE: 30-MAR-78							
DP	5413009-ML017	W	[G]										
DP	5413009-ML018	Y	[H]										
JD	5413009-ML019	Z	[K]	MFG.ENG.:	T. CORCIARI	DATE: 30-MAR-78	K	PL	5413009-0-0SP				
RP	5413009-ML020	AA	[L]										
NW	5413009-ML021	AB	[M]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:	EDIT #				
			[N]	E-UA-5413009-C-0		B-DD-5413009-0-0		ML01AB.PLS	23				

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## PARTS LIST

SHEET A3 OF A4

LINE ITEM

DOCUMENT NUMBER

PART NUMBER

DESCRIPTION

## QTY PER VARIATION

03

04

05

99

REFERENCE DESIGNATOR

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	DUAL BAUD RATE GEN/PROG DIVIDER	1	1	1	1	E60
80	84	2113106-01	1K MOS RAM 250NS	2	2	2	2	E11,E17
81	85	2113107-01	P 8251A PUSART COMM. INTERFACE	1	1	1	1	E43
82	86	2113108-01	8080A-1 MICROPROCESSOR UNIT	1	1	1	1	E35
83	87	2113937-00	UART 125K BUAD	1	1	1	1	E55
84	88	2114212-00	P 2114-2 RAM 1024X4 STATIC	6	6	6	6	E46,E47,E50,E51,E53,E54
85	89	2114524-01	ROM 100X14BIT,ERASABLE,	1	1	1	1	E24
86	90	23018E2-00	E2-03	1	1	1	1	E4
87	91	7424901-01	BRACKET, GROUNDING, EIA CONNECTOR	1	1	1	1	
88	92	9006732-00	EYELET, ROLL FLANGE .1210DX .219	3	3	3	3	
89	93	9009185-00	JUMPER, WIRE, INSULATED, BLACK 8	4	4	4	4	W1,W3,W4,W7
90	94	23061E2-00	E2-02	1	-	-	-	E56
91	95	23032E2-00	E2-02	1	-	-	-	E52
92	96	23033E2-00	E2-02	1	-	-	-	E45
93	97	23034E2-00	E2-02	1	-	-	-	E40
94	98	1001610-00	.01 MFD .50V +80-20% ZSU CER	4	4	4	4	C16,C17,C23,C51
95	102	1301320-00	1.20 K .25 W 5.0 % CC	1	1	1	1	R30
96	103	1301322-00	180.0 .25 W 5.0 % CC	1	1	1	1	R33
97	104	1301477-00	82.0 .25 W 5.0 % CC	1	1	1	1	R42
98	105	1300202-00	47.0 .25 W 5.0 % CC	1	1	1	1	R44
99	106	1303155-00	21.50 K .25 W 1.0 % RN55D-F10	1	1	1	1	R10
100	107	1309412-00	18.20 K .25 W 1.0 % RN55D-F10	1	1	1	1	R13
101	108	1609520-00	2.2 UH #RFC52.2	1	1	1	1	L1
102	109	1002608-00	18.0 MMF 100V 55200PPM MICA	1	1	1	1	C53
103	110	1013466-05	56.0 MMF 50V 5% CER	1	1	1	1	C47
104	112	23180E2-00	E2-02	-	1	1	-	E56
105	113	23181E2-00	E2-02	-	1	1	-	E52
106	114	23182E2-00	E2-02	-	1	1	-	E45
107	115	23183E2-00	E2-02	-	1	1	-	E40
108	117	1215006-07	SKT, IC 28PIN DIP TIN PLATE	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 % 14PIN	1	1	1	1	E57
113	123	1000021-00	220.0 MMF 100V 5%200PPM MICA	1	1	1	1	C57
114	124	9107560-01	WIRE, BUSS, 22AWG	A/R	A/R	A/R	A/R	
115	125	1013466-24	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 .13800X.380LG	3	3	3	3	L4-L9
118	128	1618437-00	BEAD, FERRITE .23600X.394LG	3	3	3	3	L2,L3,L10

119 NOTE: FOR INDIVIDUAL FIELD SERVICE/CUSTOMER SPARES SHIPMENTS USE PACKAGING INSTRUCTION, A-SP-3700553-0-0;

		TITLE	SECTION A OF A	SIZE/CODE	DOCUMENT NUMBER	REV						
D	I	G	I	T	A	L	VT100 BASIC VIDEO		K	PL	5413009-0-DBP	AB

AUTOMATED BY PRTLST.1D(11)

P A R T S   L I S T

SHEET A4 OF A4

LINE ITEM DOCUMENT NUMBER

PART NUMBER

DESCRIPTION

QTY PER VARIATION:

03 04 05 99 REFERENCE DESIGNATOR

- 120 NOTE: FOR BULK INTERPLANT SHIPMENTS USE PACKAGING INSTRUCTION, A-SP-3700428-0-0 VARIATION -02  
121 NOTE: L2 REQUIRES THE INSERTION OF 1.5 TURNS OF 22 AWG BUSS WIRE SEE DETAIL ON E-UA-5413009-0-0.  
122 NOTE: L3 AND L10 REQUIRES THE INSERTION OF 2.5 TURNS OF 22 AWG BUSS WIRE  
123 NOTE: SEE DETAIL ON E-UA-5413009-0-0.

D   I   G   I   T   A   L

TITLE

VT100 BASIC VIDEO

SECTION A OF A

SIZE CODE DOCUMENT NUMBER REV  
K PL 5413009-0-DBP AB

8

7

6

5

4

3

2

1

D

D

C

C

B

B

A

A

## ADVANCED VIDEO CONN.

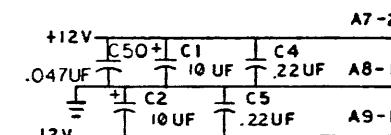
J1

- A00 H 31
- A01 H 29
- A02 H 36
- A03 H 34
- A04 H 27
- A05 H 26
- A06 H 23
- A07 H 29
- A08 H 19
- A09 H 25
- A10 H 23
- A11 H 24
- A12 H 28
- A13 H 32
- A14 H 30
- A15 H 5
- DB 00 H 7
- DB 01 H 9
- DB 02 H 8
- DB 03 H 3
- DB 04 H 10
- DB 05 H 4
- DB 06 H 6
- DB 07 H 6
- BV4 DMA ENA L 35
- BV4 HOLD REQ H 42
- BV6 MEM RD L 11
- BV6 MEM WR L 17
- BVI MEM DISABLE L 12
- BV2 SEL ATT RAM L 18
- BV2 SEL 8-12K L 44
- LBA 0 H 45
- LBA 1 H 48
- LBA 2 H 47
- LBA 3 H 41
- LBA 4 H 43
- LBA 5 H 46
- LBA 6 H 49
- LBA 7 H 47
- BV4 WRITE LB L 38
- BV4 CHAR CLK H 13
- BVI BOLD L 39
- BVI BLINK L 15
- BVI UNDERLINE L 16
- BVI ALT CHAR SET L 17
- +5V 2
- GND 49
- BVI ADVANCED VIDEO L 33

## EDGE CONN

- BV4 HORIZ DRIVE H A1-1,2
- A2-1,2
- DIRECT DRIVE VIDEO A3-2,1
- BV4 VERT DRIVE L A4-2,1

LBA 5 H A11-1,2



A7-2,1

A10-1,2

A13-1,2

A14-1,2

A15-1,2

A16-1,2

A17-1,2

A18-2,1

A19-2,1

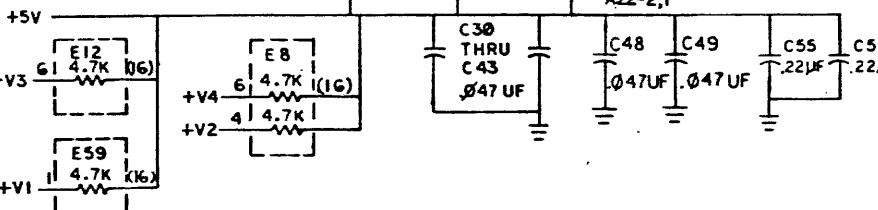
A20-2,1

A21-2,1

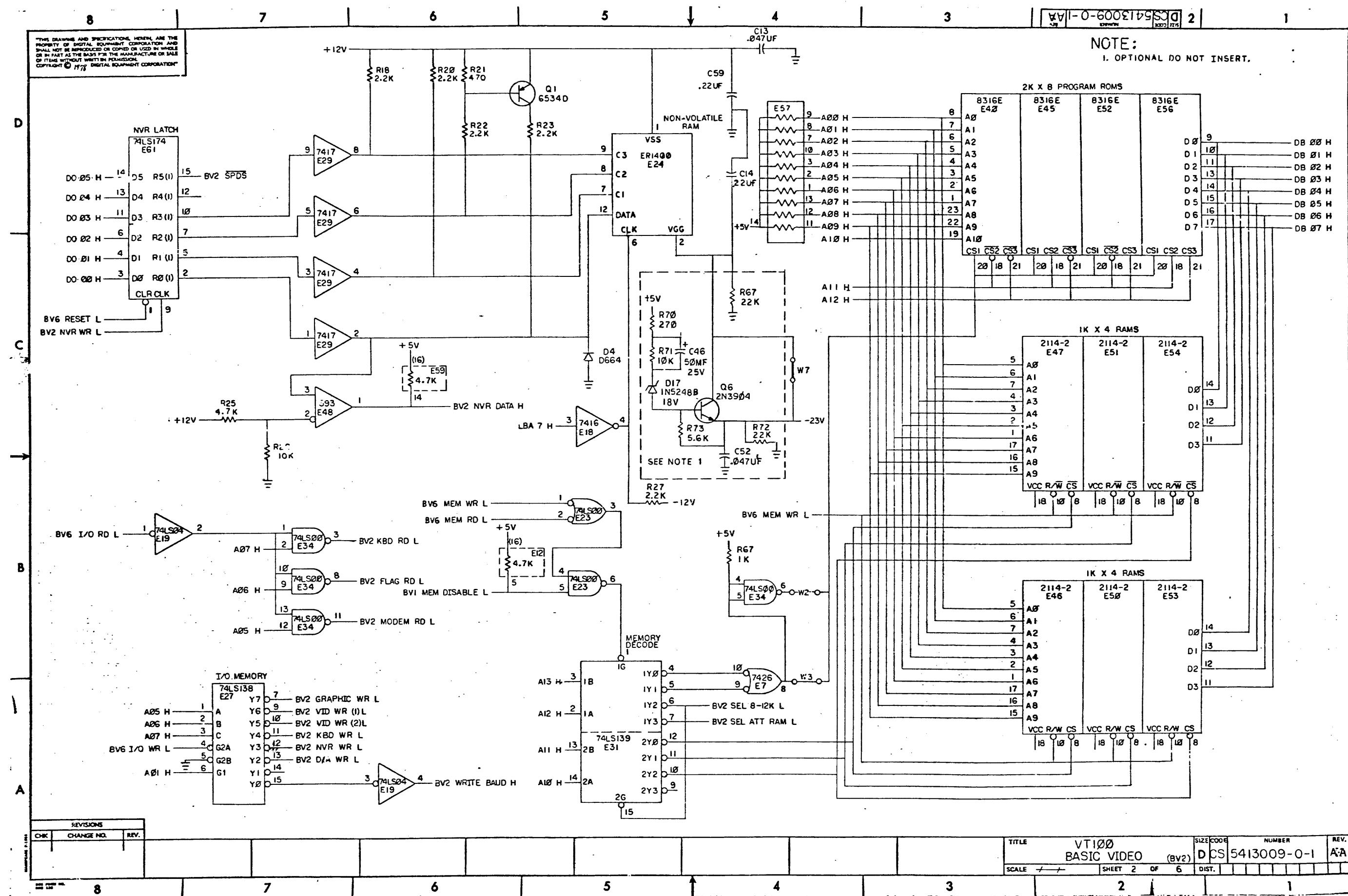
A22-2,1

C6 .22 UF

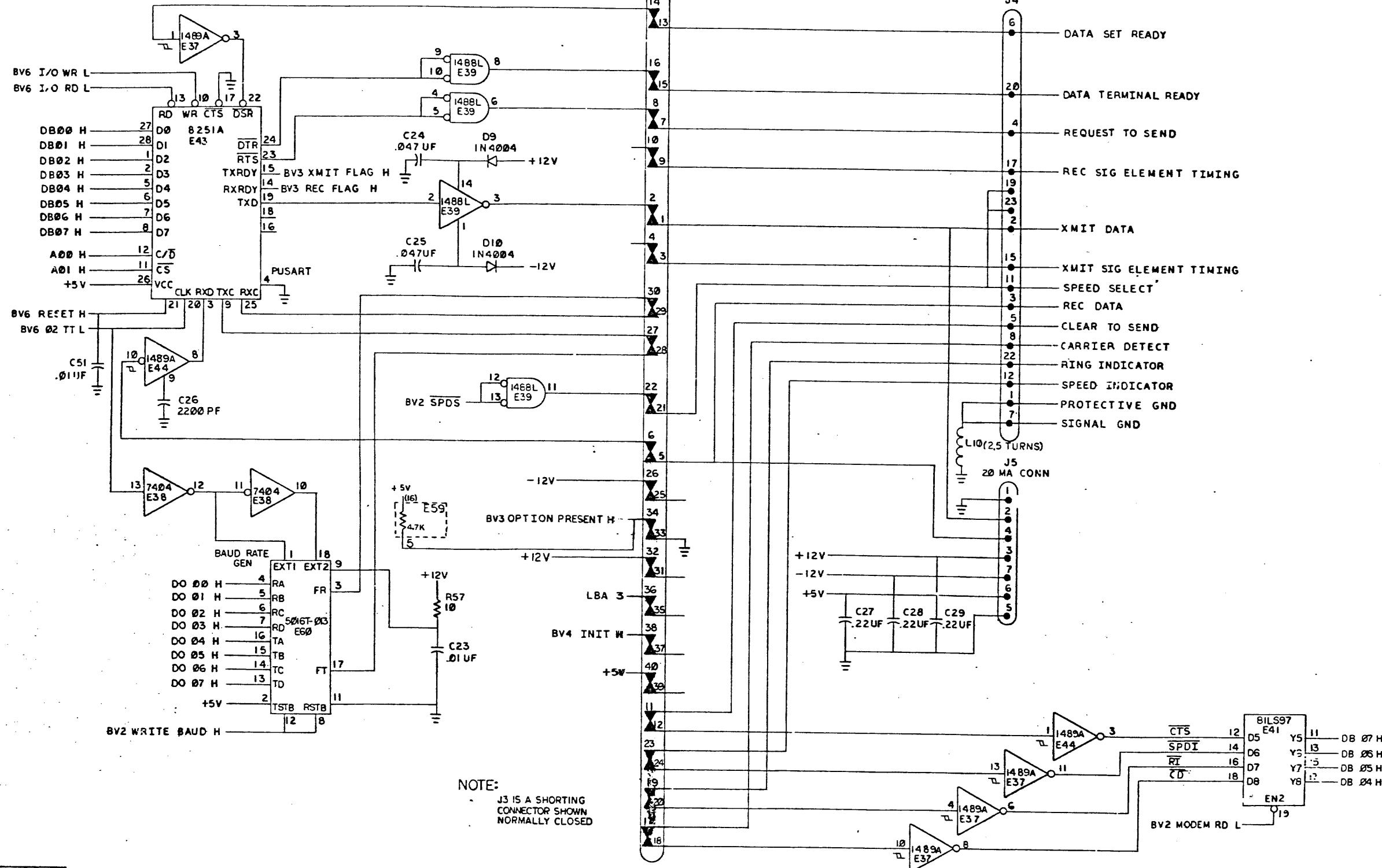
C3 10 UF



DRN. No.	24-78	FIRST USED ON	VT100	Digitized
CHKD	4/7/88	DATE		
ENGL	ENGLISH	TITLE	VT100	
PROL	1	TYPE	BASIC	(BVI)
PROD	1	VER	1.0	
NEXT HIGHER ADV.		SIZE	CCRS	NUMBER
EUA-5413009-0-0		SCAL		REV.
			D	CS5413009-0-1 AA
SHEET	1 OF 6	DIST.		

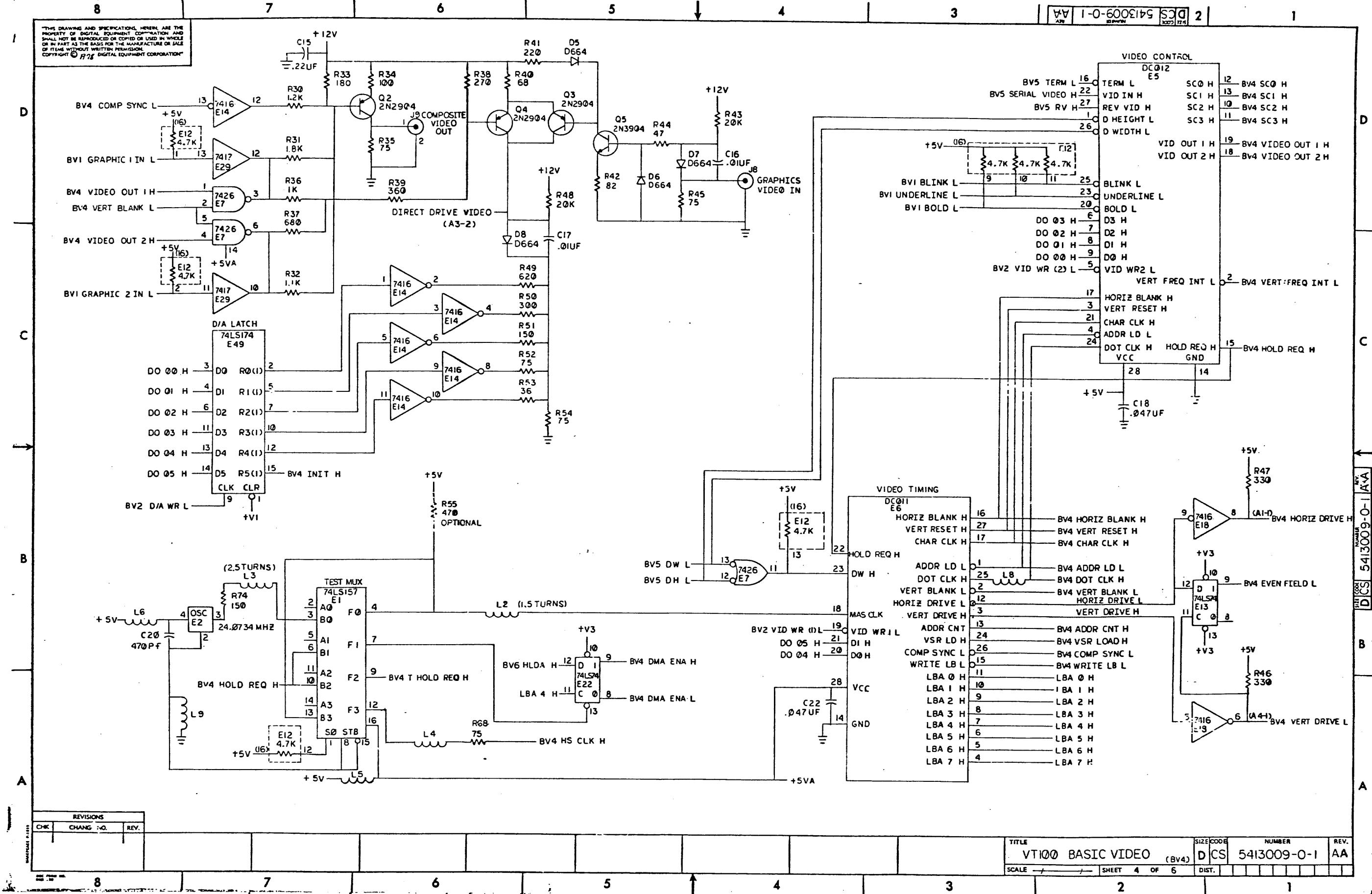


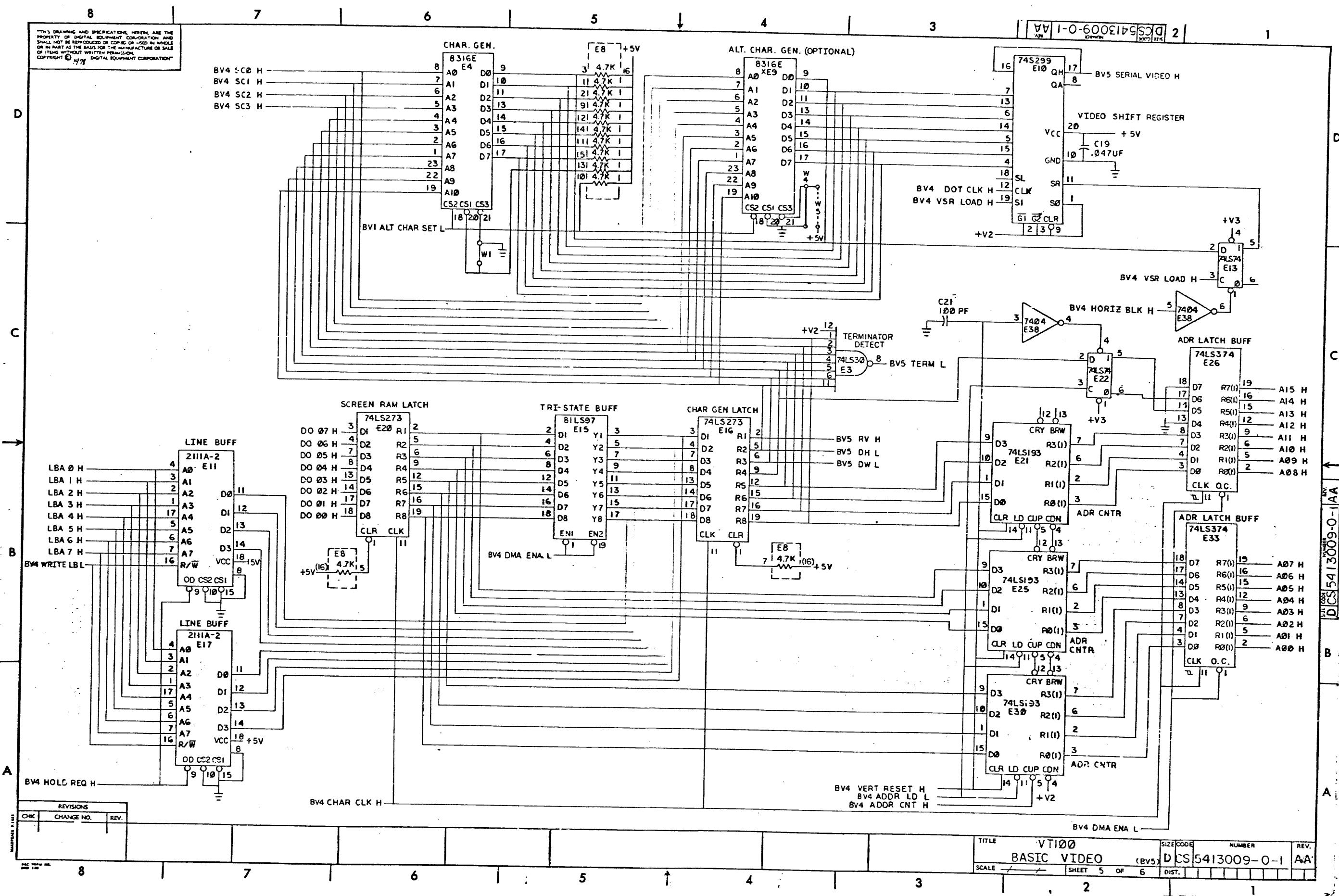
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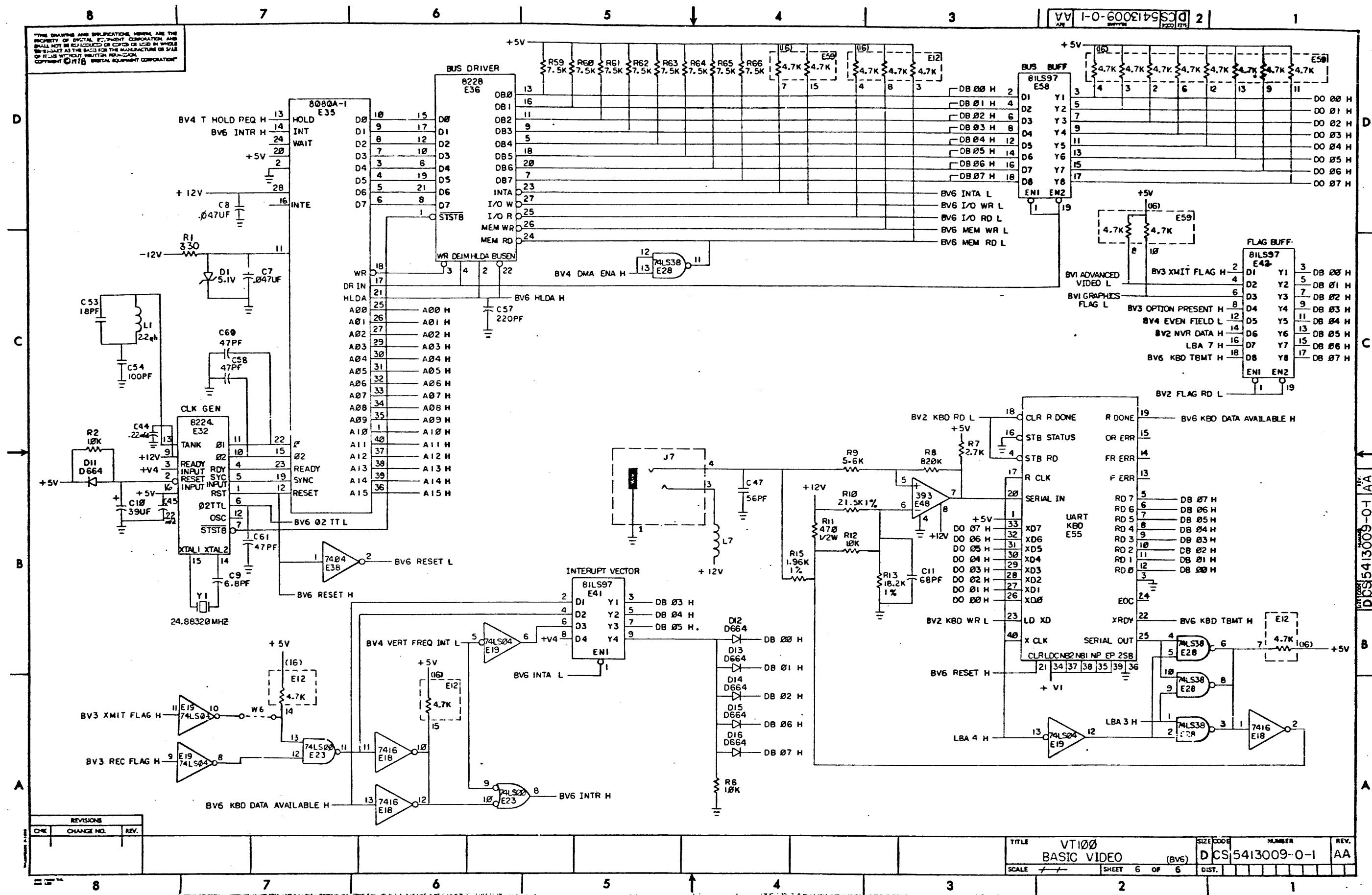


REVISIONS		
CHK	CHANNEL NO.	REV.

TITLE: VT100  
BASIC VIDEO (BV3)  
SCALE: 1/4 INCH = 1 FT  
SHEET 3 OF 6 DIST. 1 INCH  
DRAFTED BY: DATE: 10/10/76  
DESIGNED BY: APPROVED BY:  
NUMBER: DCS 5413009-0-1AA  
REV. 1



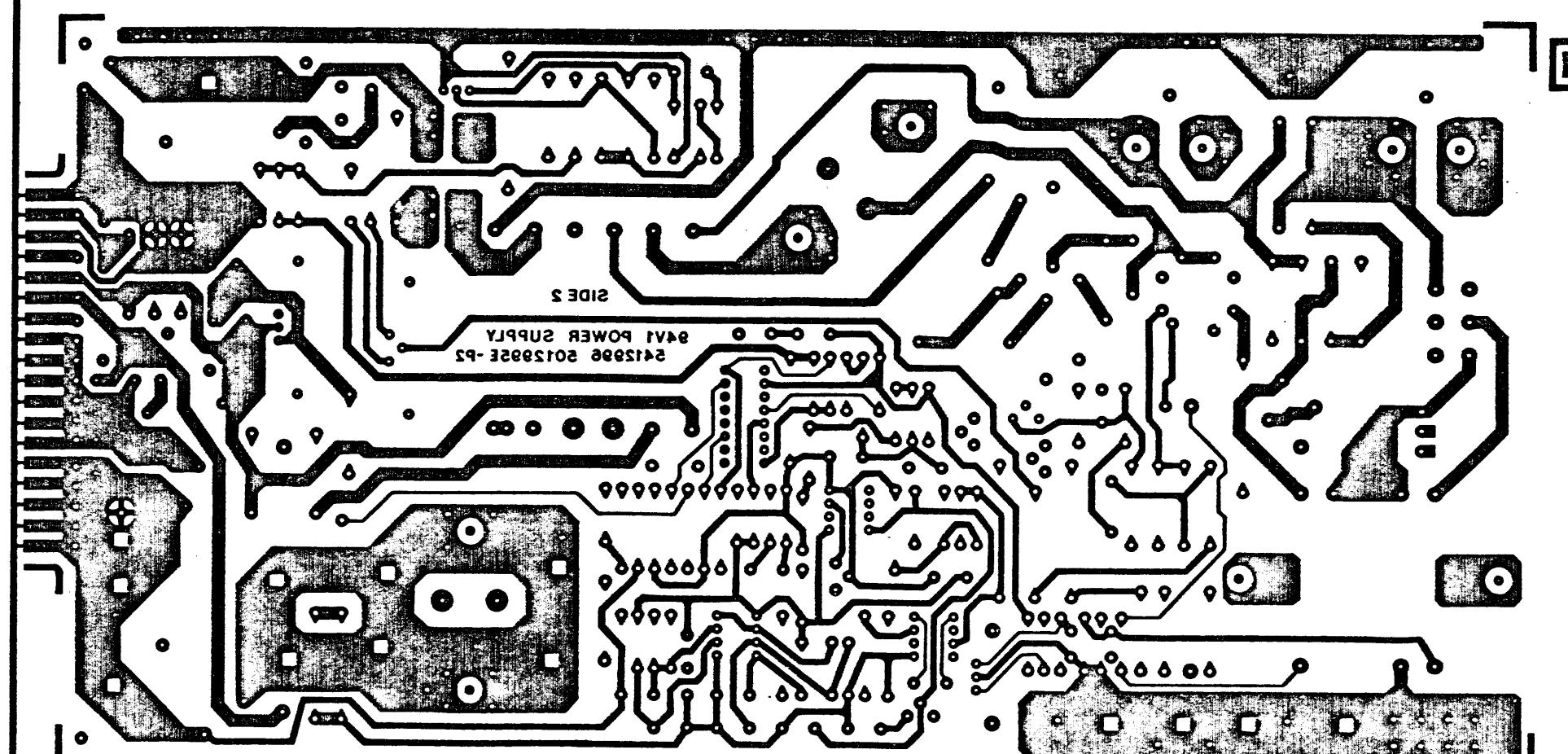




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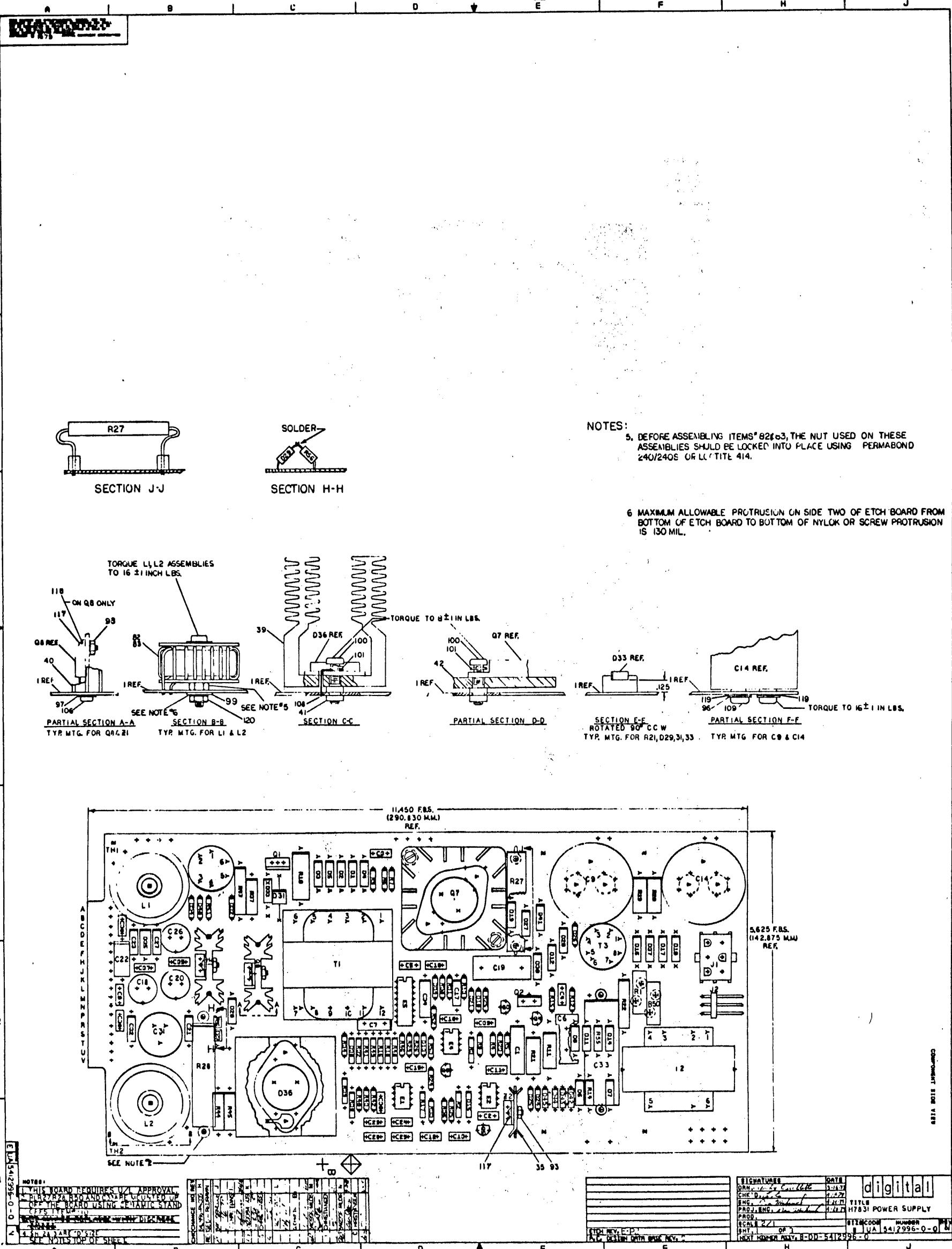
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REVISIONS		
CHE	CHANGE NO	REV.

TITLE H7831 POWER SUPPLY  
SCALE 2/1 SHEET 2 OF 3 DIST  
SIZE CODE D UA 5412996-0-0 N  
NUMBER  
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8 7 6 5 4 3 2 1



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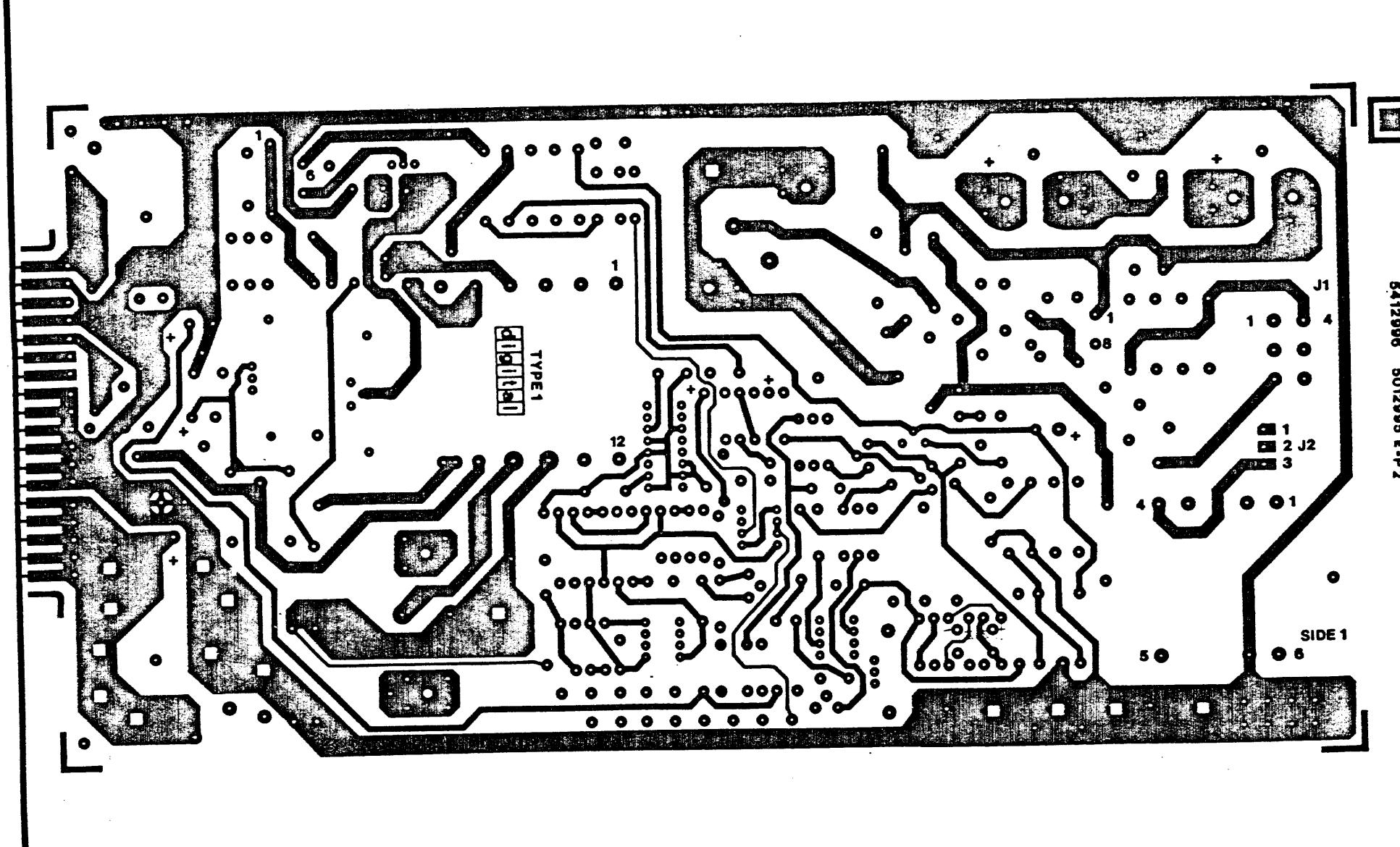
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5412996 5012995 E-P2

D U A 5412996-0-0 N

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TITLE H783I POWER SUPPLY SIZE CODE D U A 5412996-0-0 NUMBER REV. N  
SCALE 2/1 BMF 3 of 3 DIST.

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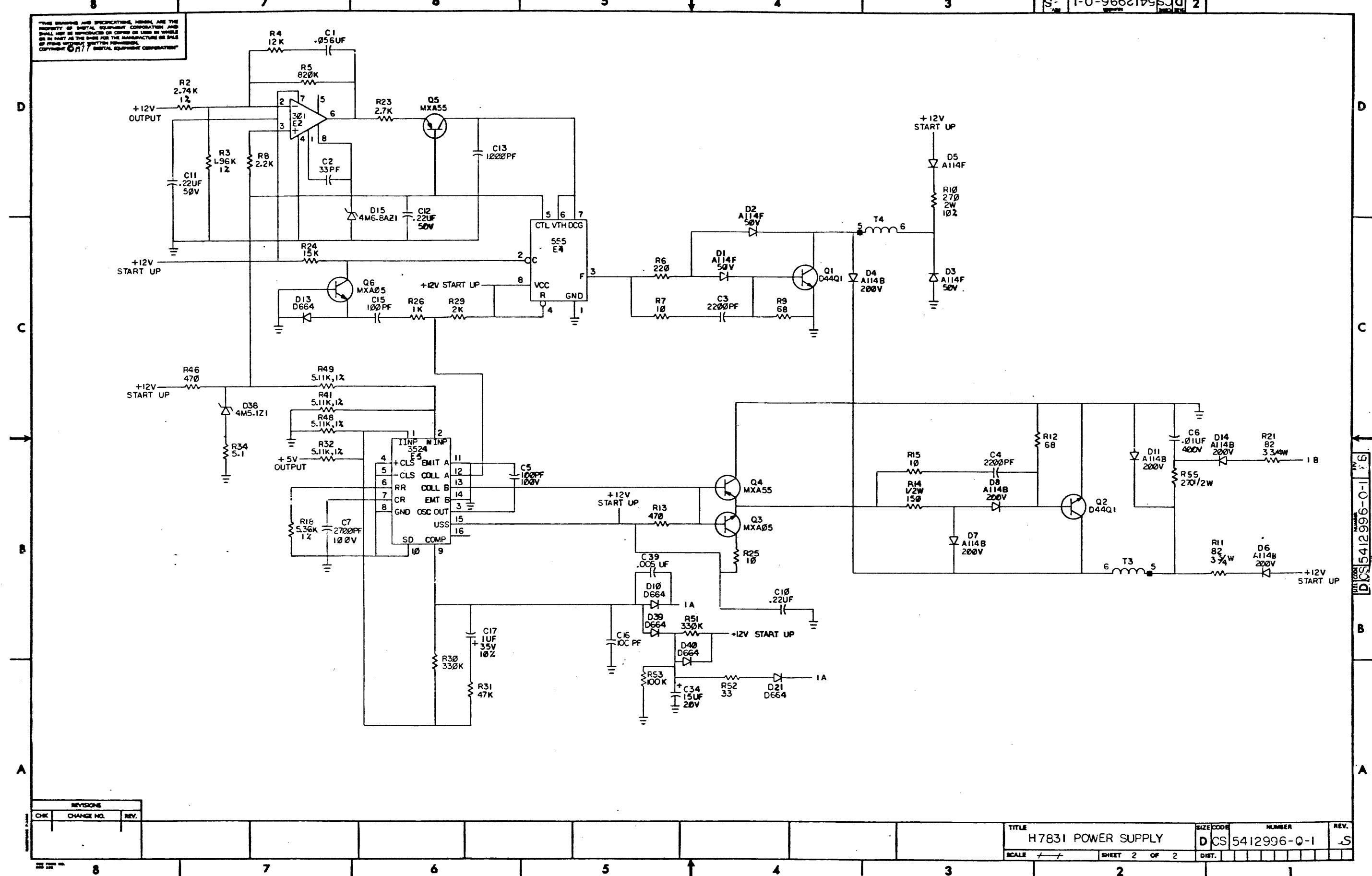
LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
				00	
1	1	E-MD-5012995-0-0	5012995-00 H7831 POWER SUPPLY	1	
2	2		1000009-00 33.0 MMF 100V 55200PPM MICA	1	C2
3	3		1000016-00 100.0 MMF 100V 5%200PPM MICA	3	C5,C15,C16
4	4		1000039-00 .056 MFD 200V 10% MYLR	1	C1
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% 25U CER	5	C30,C35,C36,C37,C38
8	8		1004812-00 15 MFD 20V 10% S.TANT	1	C34
9	9		1005507-00 1 MFD 100V +50-10% AL EL	1	C22
10	10		1011847-01 .01 MFD 400V 10% POLYPRCP	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		1013456-11 .22 MFD 50V +80-20% Z5U CER	4	C21,C23,C27,C32
18	18		1014170-00 2700.0 MMF 100V 1% 70PPM MICA	1	C7
19	19		1014277-00 3800 MFD 6.3V +75-10% AL EL	1	C31
20	20		1014861-00 590 MFD 200V +50-10% AL EL	2	C9,C14
21	21		1014883-00 470 MFD 50V +75-10% AL EL	1	C33
22	22		1100114-00 D 664 QS\75PCB PIV= 25V SP	5	D10,D13,D39,D40,D21
23	23		1105796-00 1N 4004 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		1109991-01 4MG.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

AUTOMATED BY PRTLST.1D(11)

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	PARTS LIST		QTY PER VARIATION 00	REFERENCE DESIGNATOR
79	81	1614273-00	PLUSE XFMER, TRI-WOUND	1		1	T4
80	82	1615251-00	.2.0 UH VARIABLE L 11A	1		1	L2
81	83	1615252-00	210.0 UH VARIABLE 2.75A	1		1	L1
82	84	1615253-00	XFMER P=AB S=25V	1		1	T2
83	85	1615668-01	XFMER P=240/480 S=120	1		1	T1
84	86	1910282-00	301AN OP AMP	1		1	E2
85	87	1911944-00	555CN TIMER, FUNCT.BLOCK	1		1	E4
86	88	1912048-06	DEC 7812 VOLT REG, FIX +12V	2		2	Z1,Z2
87	89	1914156-00	L 393 VOLT.COMPARATOR DUAL	1		1	E1
88	90	1914250-00	3524 MODULATOR-REGULATING	1		1	E5
89	93	9006557-00	NUT,KEP , 4-40X 1/4 AF	3			
90	97	9008172-00	WASHER, FLAT,SS .250 OD X .125 I	4			
91	99	9006660-00	WASHER, FLAT, .375 O.D. X .187 I	2			
92	100	9007793-01	SCREW,PAN,PHIL 6-32X 9/16 SS	4			
93	101	9007801-00	WASHER, LOCK, S.S. #6	4			
94	106	9009236-01	SCREW,TAPPING,TYPE F,PAN ,PHIL,	4			
95	108	9009676-00	TERM LUG 1POS SOLDER	1			
96	109	9009795-00	SCREW,PAN,SLOT,SEMS 10-32X 3/8	4			
97	110	9009798-00	SPACER, CERAMIC, .186 ODX.078 ID	10			
98	112	1300197-00	.1.0 .25 W 5.0 % CC	1		1	R52
99	113	1302466-00	.10.0 K .25 W 5.0 % CC	1		1	R53
100	114	1305255-00	.10.0 K .25 W 1.0 % RN55D-F10	1		1	R38
101	115	1001765-00	.105 MFD 100V 20% Z5T DISC	1		1	C39
102	117	9006010-01	SCREW,PAN,PHIL 4-40X 5/16 SS	3			
103	118	9009769-00	WASHER, RECTANGULAR .405X.225X.0	1			
104	119	9006664-00	WASHER, FLAT, .437 OD X .218 ID	4			
105	120	9006563-00	NUT,KEP , 8-32 X11/32AF	2		2	
106	121	1105796-01	5796-1PIV=400 I=1A D041	1		1	D26
107	122	1300285-00	.100.0 .50 W 5.0 % CC	1		1	R55
108	123	1311867-00	.50 3.0 W 1.0 % WW	1		1	R56

109 NOTE: SEE E-UA-5412996-0-0 FOR ADDITIONAL INSERTION INFORMATION  
 110 NOTE: USE 1313191-00 UNTIL EXISTING STOCK --S BEEN DEPLETED THEN USE 1317917-00.

SIZE	CODE	DOCUMENT NUMBER	REV
K	PL	5412996-0-DBP	P

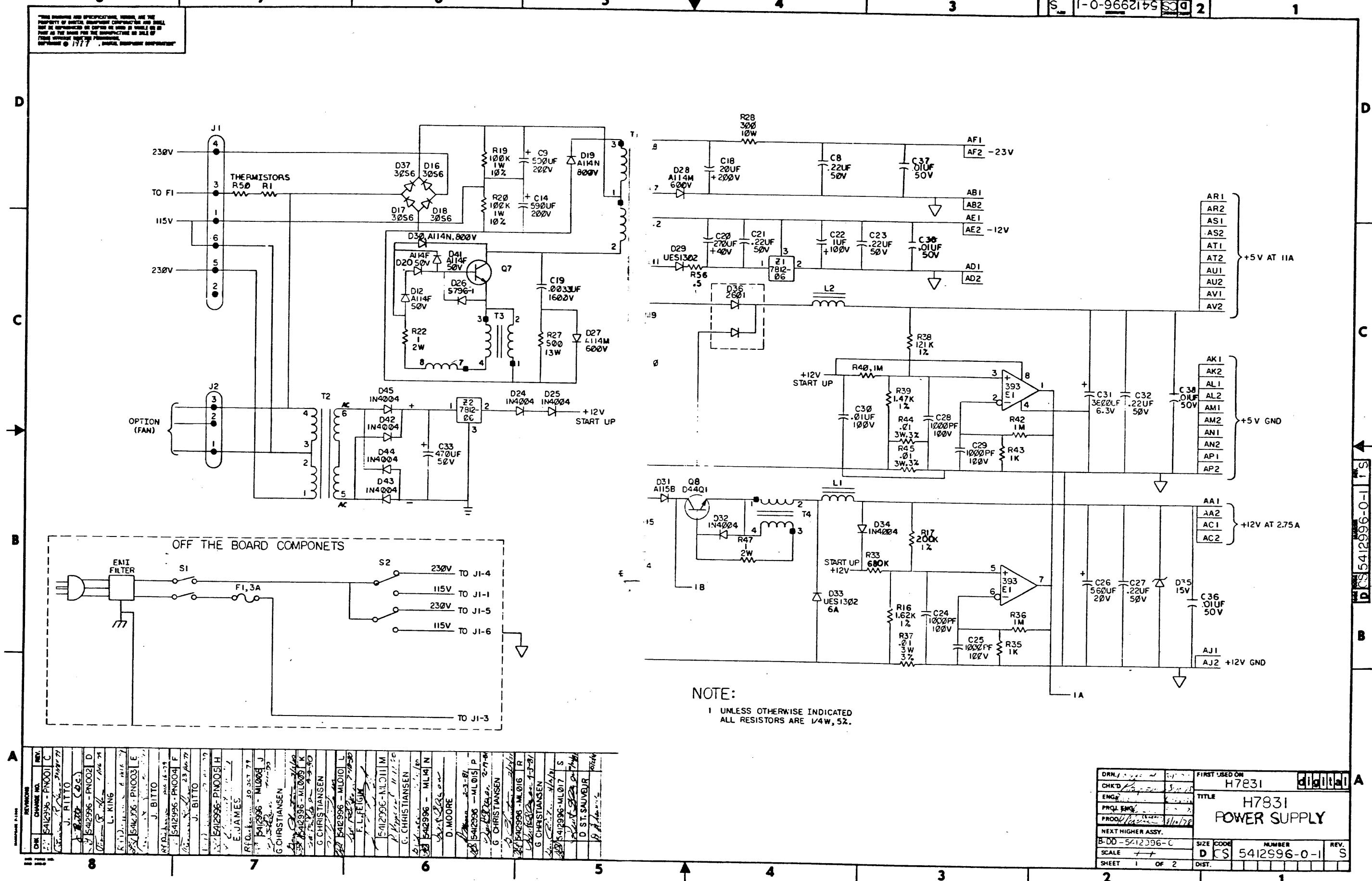


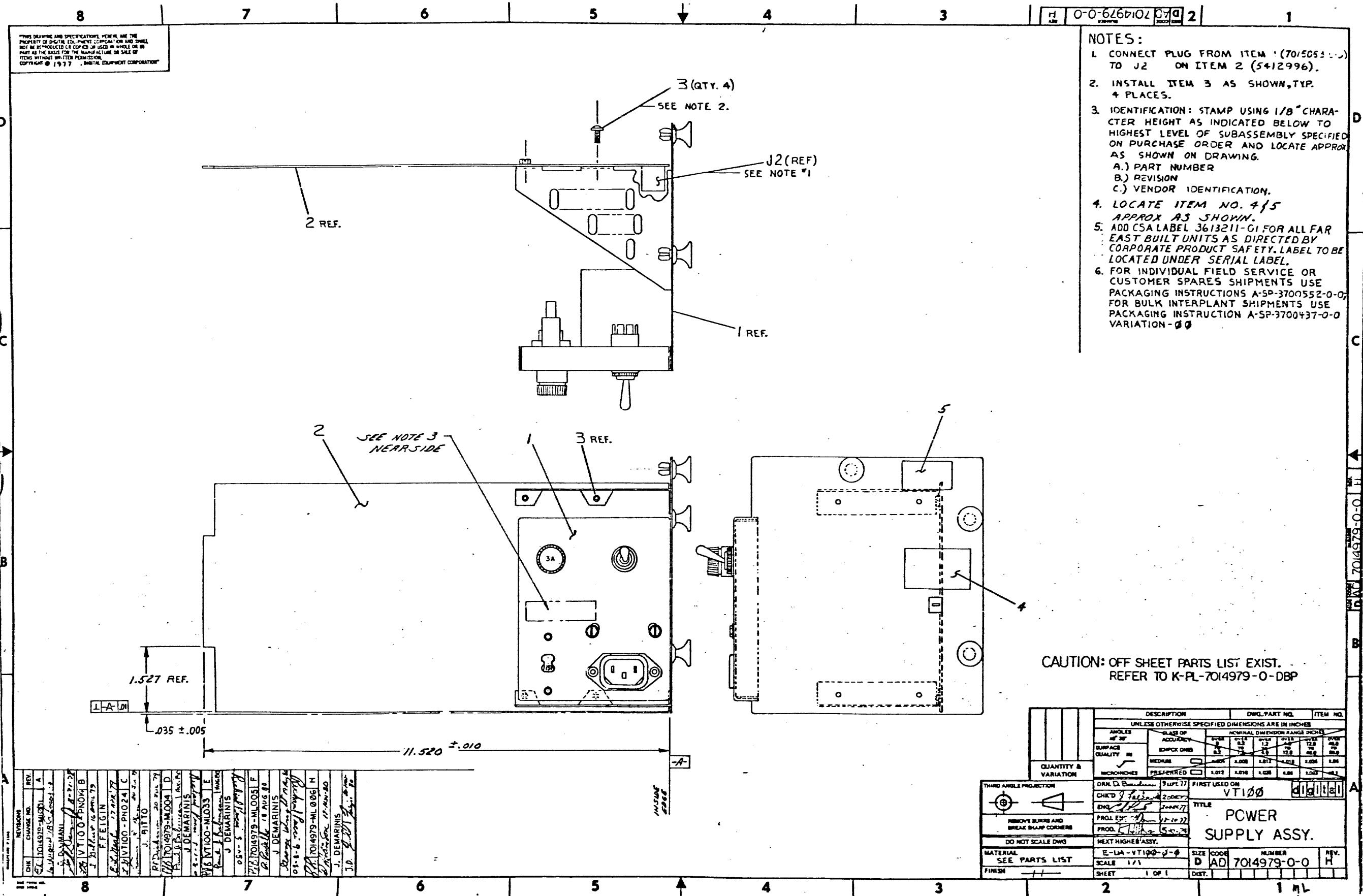
## PARTS LIST

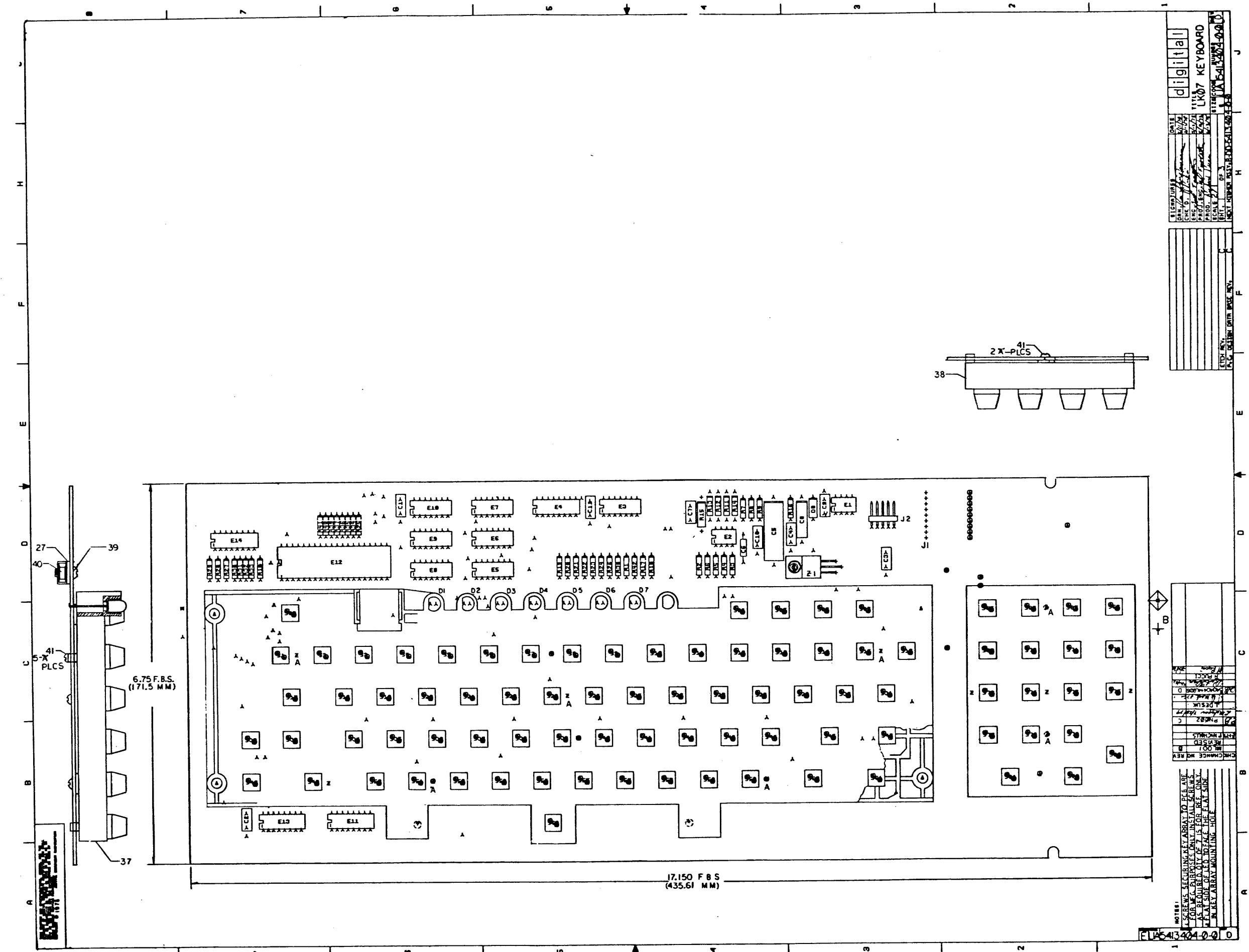
SHEET A2 OF A3

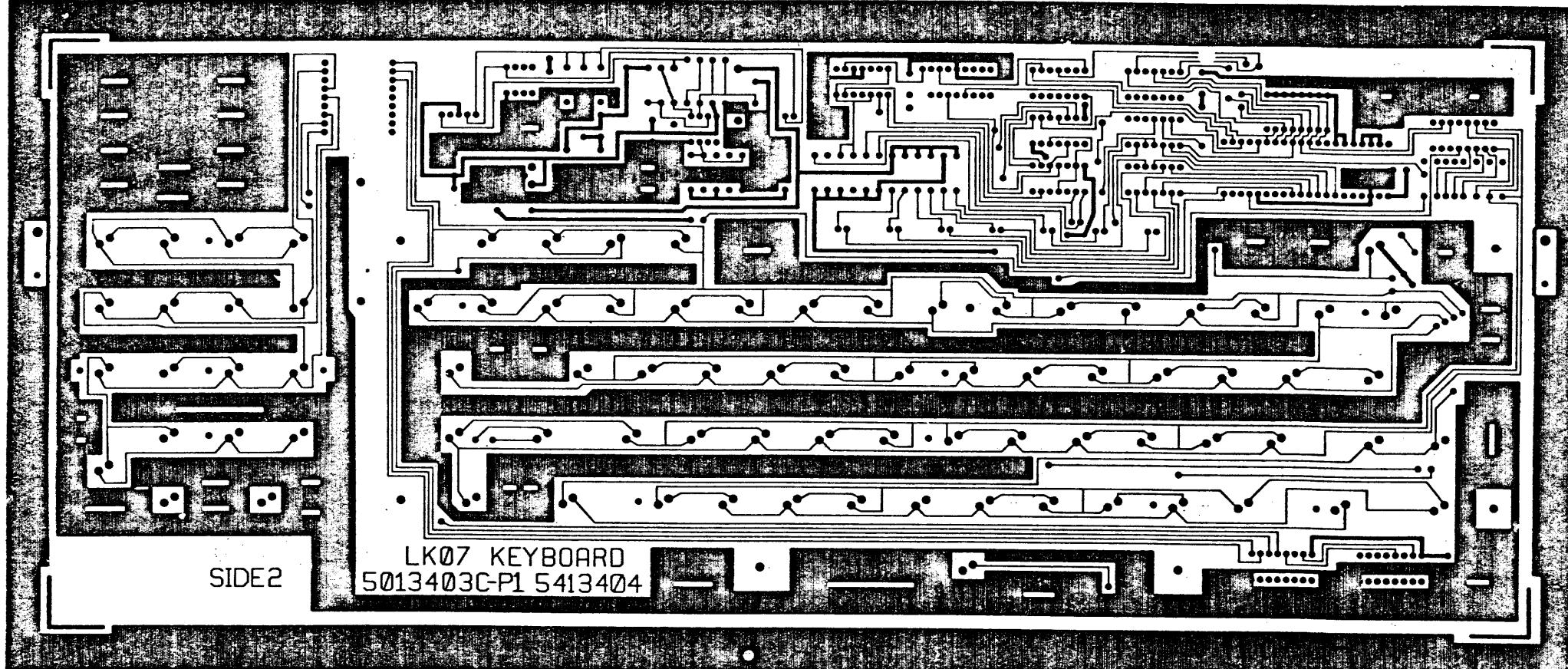
LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
31	31	1114602-00	UES1302 PIV=100V I= 4A	2	D29,D33
32	32	1115112-00	PIV=800V I=1A	2	D19,D30
33	33	1115182-00	1N 5626 PIV=600 I= 3A	4	D16,D17,D18,D37
34	34	1115224-00	VOLT.TRANS.SUPPRESS 12.1	1	D35
35	35	1215228-00	HEAT SINK,TO-220,VERTICAL MNT	1	
36	36	1212204-10	HEADER.156 3POS RT ANGLE	1	
37	38	1212297-05	MATE-N-LOK 6PIN UNIV HEADER	1	J2
38	39	1211987-03	HEAT SINK	1	J1
39	40	1213921-03	HEAT SINK,TAB MNT SEMI 2.5" HIGH	2	
40	41	1214789-00	INSERT,THREADED 6-32 ,BRASS,ELEC	4	
41	42	1210012-04	HT SINK W/HOLES	1	
42	43	1300219-00	68.0 .25 W 5.0 % CC	2	R9,R12
43	44	1300249-00	150.0 .50 W 5.0 % CC	1	R14
44	45	1300271-00	220.0 .25 W 5.0 % CC	1	RG
45	46	1300288-00	270.0 2.0 W10.0 % CC	1	R10
46	47	1300316-00	470.0 .25 W 5.0 % CC	2	R13,R46
47	48	1300365-00	1.0 K .25 W 5.0 % CC	3	R26,R35,R43
48	49	1300417-00	2.20 K .25 W 5.0 % CC	1	R8
49	50	1300426-00	2.70 K .25 W 5.0 % CC	1	R23
50	51	1300488-00	12.0 K .25 W 5.0 % CC	1	R4
51	52	1300496-00	15.0 K .25 W 5.0 % CC	1	R24
52	53	1300536-00	100.0 K 1.0 W10.0 % CC	2	R19,R20
53	54	1301317-00	10.0 .25 W 5.0 % CC	3	R7,R15,R25
54	55	1302091-00	330.0 K .25 W 5.0 % CC	2	R30,R51
55	56	1302177-00	47.0 K .25 W 5.0 % CC	1	R31
56	57	1302388-00	2.0 K .25 W 5.0 % CC	1	R29
57	58	1310867-00	680.0 K .25 W 5.0 % CC	1	R33
58	59	1303187-00	820.0 K .25 W 5.0 % CC	1	R5
59	60	1304833-00	1.96 K .25 W 1.0 % RN55D-F10	1	R3
60	61	1304854-00	5.11 K .25 W 1.0 % RN55D-F10	4	R32,R41,R48,R49
61	62	1304862-00	1.62 K .25 W 1.0 % RN55D-F10	1	R16
62	63	1304868-00	2.74 K .25 W 1.0 % RN55D-F10	1	R2
63	64	1305108-00	1.47 K .25 W 1.0 % RN55D-F10	1	R39
64	66	1309422-00	5.10 .25 W 5.0 % CC	1	R34
65	67	1309595-00	1.0 M .25 W 5.0 % CC	3	R36,R40,R42
66	68	1310188-00	300.0 10.0 W 5.0 % WW	1	R28
67	69	1311338-00	82.0 3.0 W 5.0 % WW	2	R21,R11,
68	70	1305336-00	200.0 K .25 W 1.0 % RN55D-F10	1	R17
69	71	1313014-00	.01 3.75 W 3.0 % WW	3	R37,R44,R45
70	72	1317917-00	500.0 13.0 W 5.0 % WW	1	R27
71	73	1314187-00	6.19 K .25 W 1.0 % RN55D-F10	1	R18
72	74	1314270-00	5.0 15.0 % NTC THERM	2	R1,R50
73	75	1314350-00	1.0 2.0 W10.0 % 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 44Q1 NPN 31W SI	3	Q1,Q2,Q8
78	80	1614272-00	PULSE XFMR,4 WOUND	1	T3

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









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LK07 KEYBOARD  
5013403C-P1 5413404

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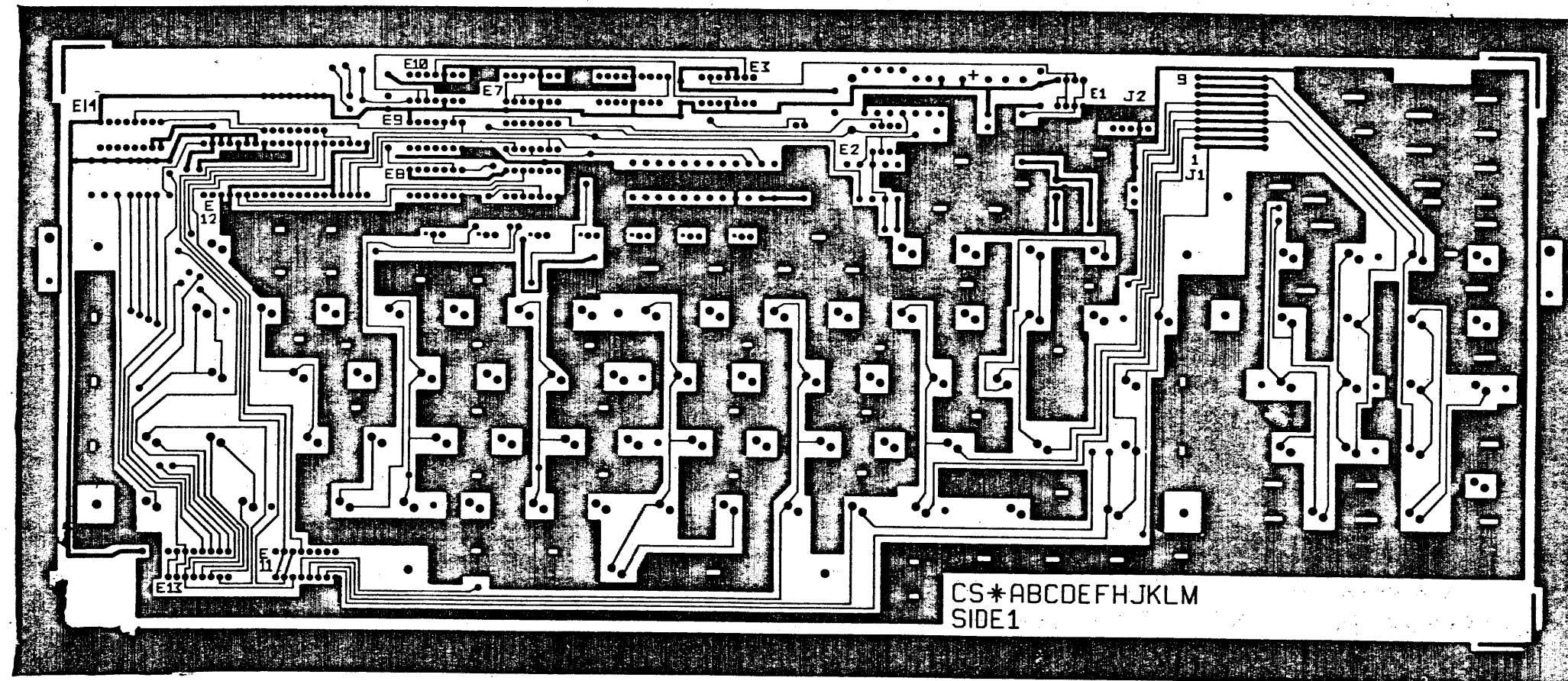
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TITLE: LK07 KEYBOARD  
SCALE 2:1  
SHEET 2 OF 3  
DRAWN BY: E. LA  
NUMBER: 5413404-0-0  
REV: D.  
DST: 1  
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AUTOMATED BY PRTLST.3L(34)

## PARTS LIST

SHEET A1 OF A2

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00		
1	1	D-MD-5013403-0-0	5013403-00	DRILL & ETCH DRAWING			
2	2		1000014-00	68.0 MMF 100V 5%200PPM MICA	1		C7
3	3		1000075-00	25 MFD 25V +75-10% AL EL	1		C5
4	4		1001634-00	1600.0 MMF 100V 5%200PPM MICA	1		C6
5	5		1005306-00	6.8MFD 35V 10% S.TANT	1		C8
6	6		1012784-00	.047 MFD 50V +80-20% CER	6		C1,C2,C4,C9-C11
7	7		1105275-00	D 672 TR= 15NS PIV= 60V SI	1		D8
8	8		1110324-01	LED 1MCD310MA PIV=3 .750 MIN. LE	7		D1-D7
9	9		1215048-00	CONN 5POS RT ANGLE	1		J2
10	10		1300309-00	390.0 .25 W 5.0 % CC	2		R16,R42
11	11		1300315-00	470.0 .50 W 5.0 % CC	1		R15
12	12		1300365-00	1.0 K .25 W 5.0 % CC	6		R10,R19,R21-R24
13	13		1300439-00	3.30 K .25 W 5.0 % CC	9		R26-R33,R38
14	14		1300479-00	10.0 K .25 W 5.0 % CC	11		R2,R3,R17,R25,R34-R37,R39-R41
15	15		1301401-00	750.0 .25 W 5.0 % CC	1		R1
16	16		1301425-00	300.0 .25 W 5.0 % CC	2		R18,R20
17	17		1301874-00	5.60 K .25 W 5.0 % CC	3		R5,R7,R9
18	18		1302391-00	20.0 K .25 W 5.0 % CC	2		R4,R6
19	19		1303155-00	21.50 K .25 W 1.0 % RN55D-F10	1		R12
20	20		1303187-00	820.0 K .25 W 5.0 % CC	1		R8
21	21		1303312-00	10.0 K .25 W 1.0 % RN55D-F10	1		R11
22	22		1304833-00	1.96 K .25 W 1.0 % RN55D-F10	1		R14
23	23		1309412-00	18.20 K .25 W 1.0 % RN55D-F10	1		R13
24	24		1909686-00	7404 INVERTER GATE-HEX II	1		E9
25	25		1910406-00	75451 DRIVER PERIPH,DUAL	1		E1
26	26		1910741-00	7406 INVERTER GATE-HEX II	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
ENG: ECO NUMBER		REV SECTION A OF A		CHK'D:	T SHETRAWSKI	DATE: 23-JUL-79	TITLE	PARTS LIST					
RP 5413404-ML001		B SECTION.VARIATION INDEX		CHK'D:	T SHETRAWSKI	DATE: 23-JUL-79	VT100 FULL KEYBOARD						
J.D 5413404-PN002		C [A] 00		DES.ENG:	M MORGESTERN	DATE: 23-JUL-79	DOCUMENT NUMBER						
J.B 5413404-PN003		D [B]		RESP.ENG.: M MORGESTERN		DATE: 23-JUL-79	SIZE	CODE	NUMBER		REV		
CJ 5413404-ML004		E [C]		[F]									
CJ 5413404-ML005		F [D]		[H]									
		[E]		[J]									
		[G]		[K]	MFG.ENG.: T CORCIARI	DATE: 23-JUL-79	K	PL	5413404-0-DBP	F			
		[L]		[L]									
		[M]		[M]	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:	EDIT #					
		[N]		[N]	D-UA-5413404-0-0		Z0783F.PLS	11					

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## PARTS LIST

SHEET A2 OF A2

LINE ITEM

DOCUMENT NUMBER

PART NUMBER

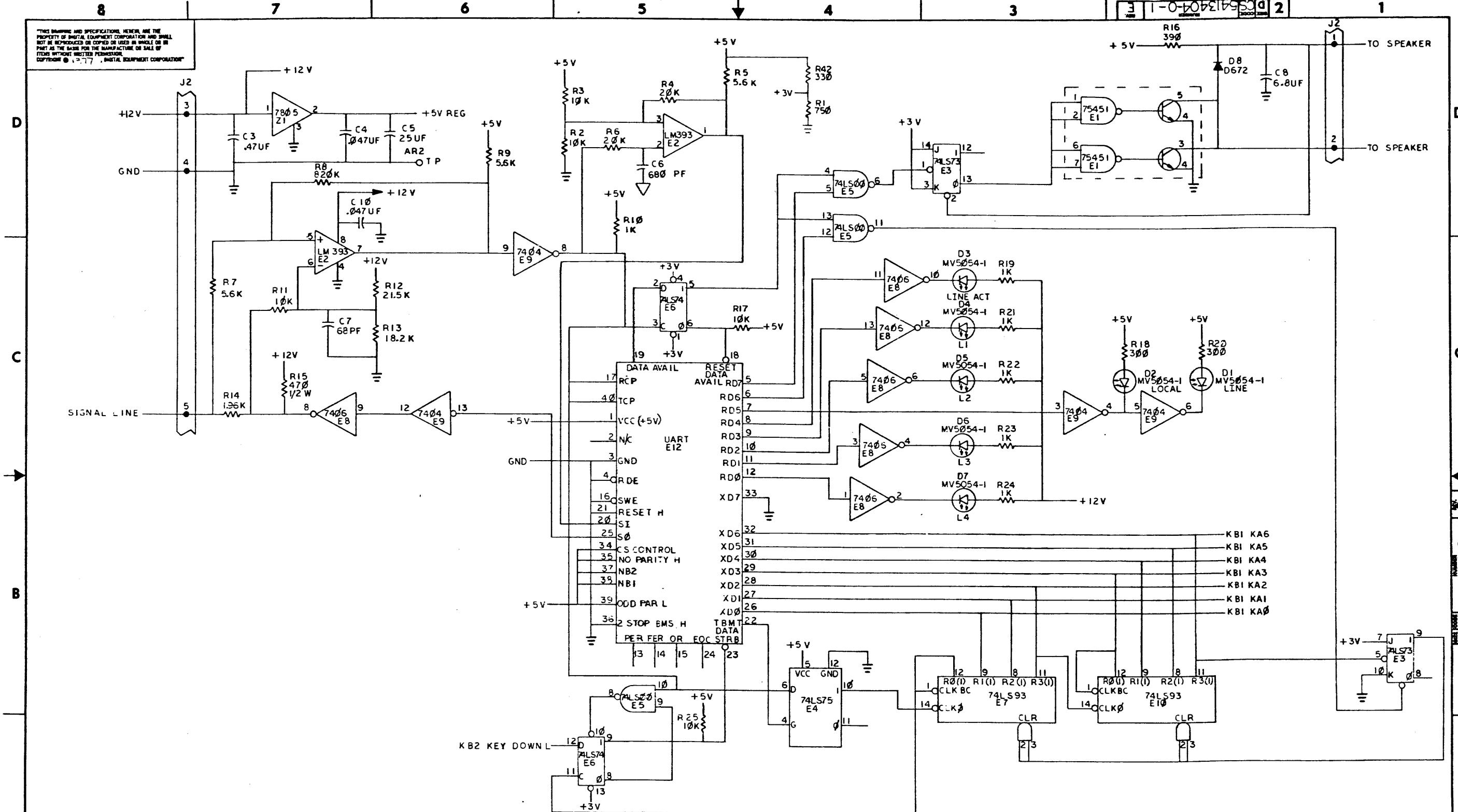
DESCRIPTION

QTY PER VARIATION  
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REFERENCE DESIGNATOR

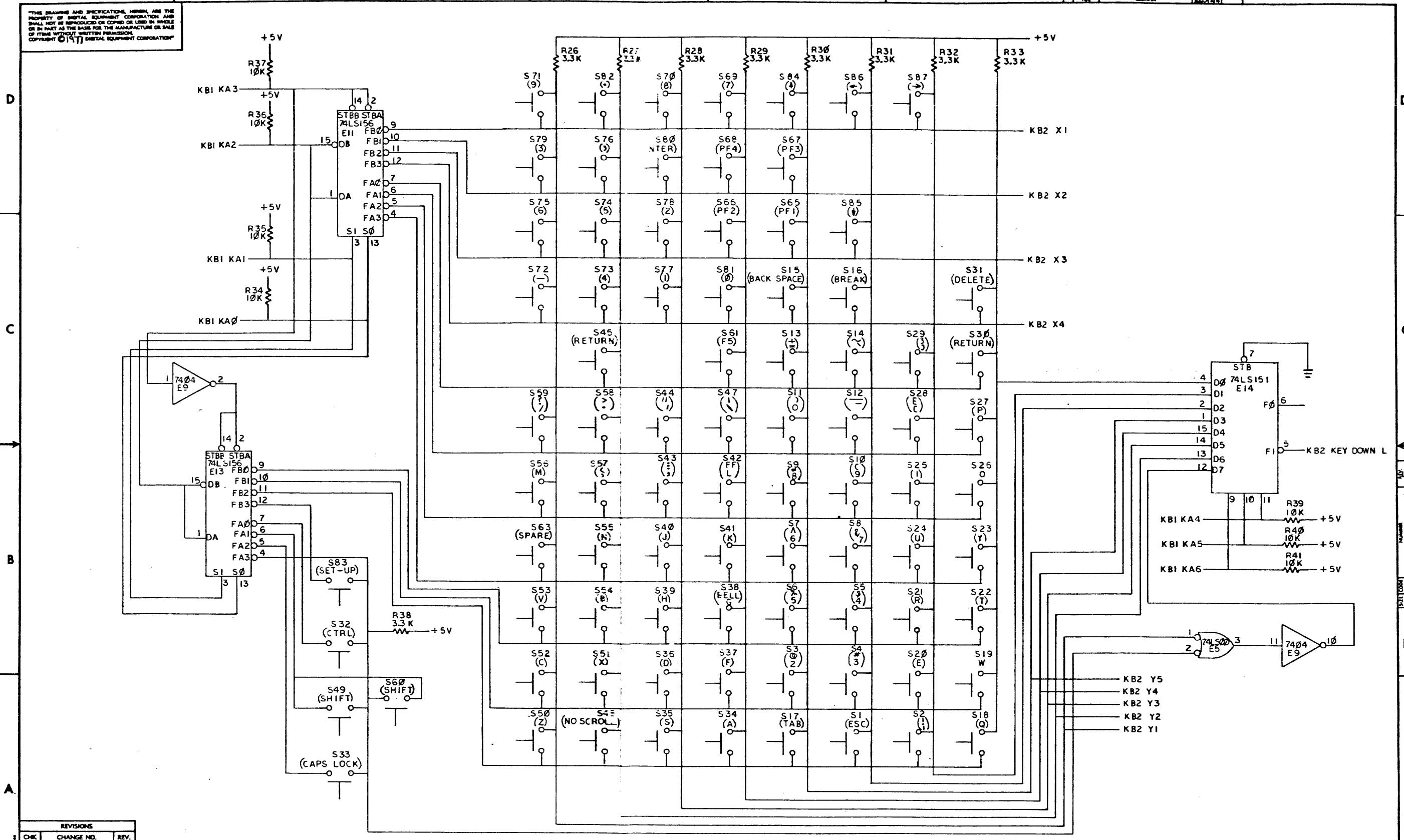
31	31	1912824-00	LS74 FF-D DUAL, EDGE TRIGG	1	E6
32	32	1912844-00	LS151 MUX 1 OF 8 & DATA	1	E14
33	33	1913949-00	LS93 COUNTER, DECADE 4BIT	2	E7, E10
34	34	1913950-00	LS156 DECODER, 2 OF 4(DUAL)	2	E11, E13
35	35	1914156-00	LM 393 VOLT. COMPARATOR DUAL	1	E2
36	36	2114137-51	UART MOS N-CHANNEL	1	E12
37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

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



REVISIONS		REV.
CHG.	CHANGE NO.	
	M1001	E
P. NICHOLLS		
R. PUCCI		
C. JAMES		
08-15-77	7-22	
2015413404 M1006 E		
2015413404 M10085 D		
A. DE SUK		
J. R. PUCCI		
C. JAMES		
08-15-77	7-22	

DRN.	29-Nov-77	FIRST USED ON	VT100	digital
CHK'D	6/3/78	TITLE	VT100	
ENG.	12-May-78		FULL KEYBOARD	(KBI)
PROJ. ENG.	12-May-78			
PROD. F.	6/3/78			
NEXT HIGHER ASSY.				
D-DO-5413404-0-0		SIZE	CODE	NUMBER
SCALE				5413404-0-1
SHEET	1	OF	3	REV.
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				DIST.



REVISIONS		
CHK	CHANGE NO.	REV.

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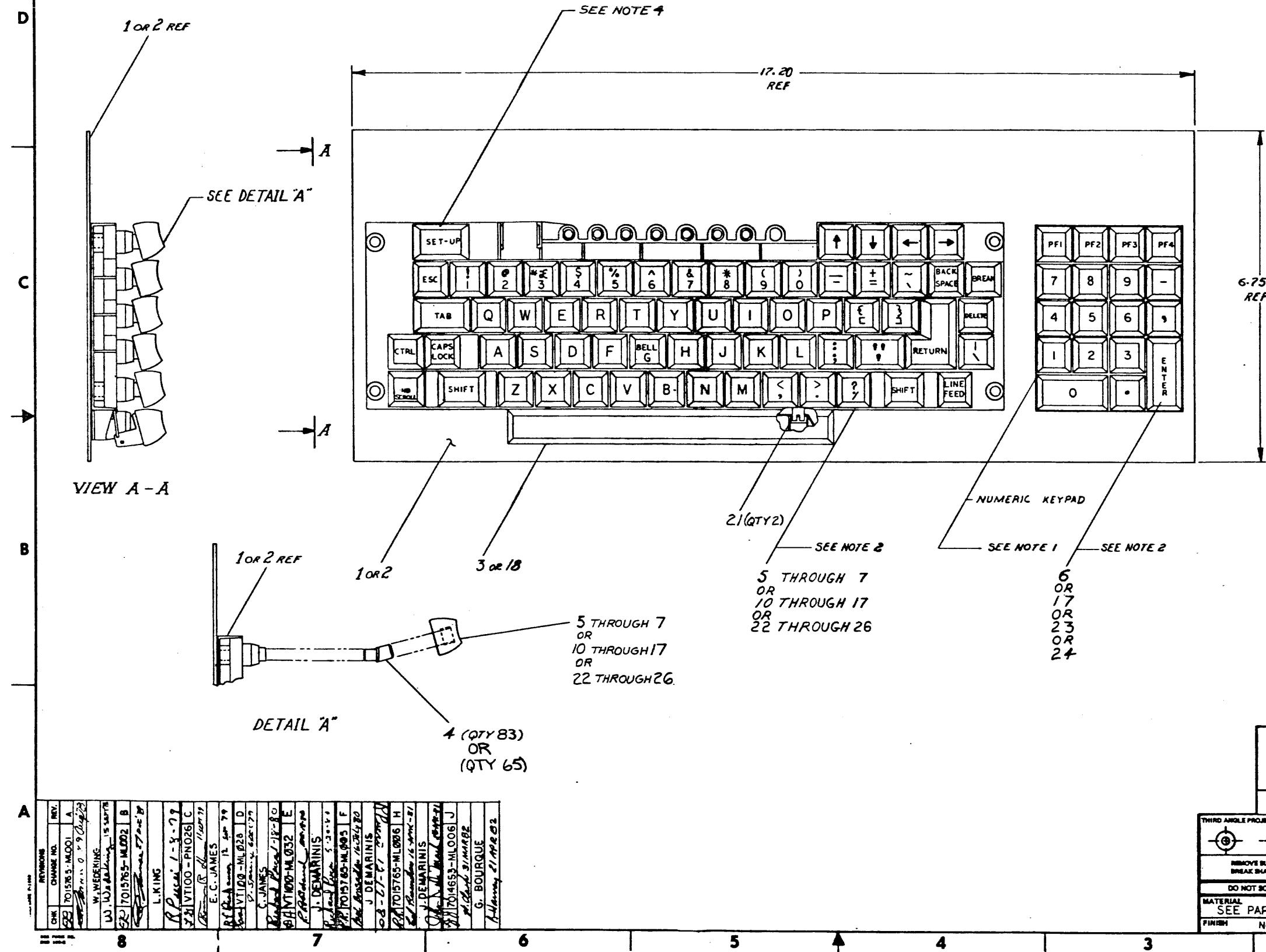
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TITLE: VT100 FULL KEYBOARD (KB2)  
 SIZE CODE: DCS5413404-0-1  
 NUMBER: E  
 REV.: E  
 SCALE: 7/7 SHEET 2 OF 3 DIST.:



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- NOTES:**
1. THE NUMERIC KEY PAD IS NOT AVAILABLE ON THE E-UA-SA13404-01 VARIATION.
  2. STANDARD VT100 BASIC KEYCAP SET (1214333-72, ITEM 5) AND NUMERIC PAD (1214333-91, ITEM 6) SHOWN. FOR KEYCAP ARRANGEMENTS REFER TO DEC DRAWING NUMERIC D-AR-7015765-0-1.
  3. FOR INDIVIDUAL FIELD SERVICE/CUSTOMER SPARES SHIPMENTS, USE PACKAGING INSTRUCTIONS A-SP-3700555-0-0; FOR BULK INTERPLANT SHIPMENTS, USE PACKAGING INSTRUCTIONS A-SP-3700439-00 VARIATION -00.
  4. INSTALL PLUNGER BELOW THIS KEY ON HOBIS KEYCAP SET 1214333-KZ. ALSO, FOR KEYCAP ARRANGEMENTS REFER TO DEC DRAWING D-AR-7015765-0-1.

OFFSHEET PARTS LIST EXISTS  
REFER TO K-PL-7015765-0-DBP

DESCRIPTION		DRAW/PART NO.		ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
PARTS	CLAS. OF ACCURACY	OVER	OVER	OVER
14-30	10	0.12	0.12	0.12
SURFACE QUALITY	IN	0.005	0.005	0.005
MEDIUM	0.004	0.004	0.004	0.004
MICROFINISHES	PREFERRED	0.012	0.016	0.016
DIMENSION RANGE INCHES				
14-30	10	0.12	0.12	0.12
EML 2 ULL	10 MAY 78			
PROL ENCL	1-1			
PROD. DATE	5-10-78			
FIRST USED ON VT100 digital				
TITLE				
KEY BOARD / KEY CAP ASSY				
MATERIAL	B-DD-7015765-0	SIZE	CODE	NUMBER
SEE PARTS LIST	D	AD	7015765-0-0	J
SCALE	NONE			
FINISH	NONE	SHEET	1 OF 1	DIST.

AUTOMATED BY PRTLST-3P(44)

P A R T S   L I S

SHEET A1 OF A1

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION								
				00	01	02	03	04	05	06	07	08
1	1	E-AD-5413404-0-0	5413404-00	VT100 FULL KEYBOARD			1	1	1	1	1	1
2	2	E-AD-5413404-0-0	5413404-01	KEYBOARD ASSY (64 KEYS)		-	1	-	-	-	-	-
3	3	C-AD-7015050-0-0	7015050-00	SPACE BAR ASSY		1	1	1	1	1	1	1
4	4		1214332-00	SW,ARRAY CAP ADAPTER		83	65	83	83	83	83	83
5	5		1214333-72	KEYCAP SET,VT100	64PCS	1	1	-	-	-	-	-
6	6		1214333-91	KEYCAP SET,LA120/34 VT100	18PCS	1	-	-	-	-	-	-
7	7		1214333-C0	KEYCAP SET,VT100-NA	82PCS	-	-	1	-	-	-	-
8	8		7420120-00	*** THIS ITEM IS NOT USED ***		-	-	-	-	-	-	-
9	9	D-AR-7015765-0-1		KEYBOARD/KEYCAP ASSY		REF						
10	10		1214333-J0	KEYCAP SET,VT100-WA	82PCS	-	-	-	1	-	-	-
11	11		1214333-W2	SW,KEY BD CAP COMP SET U3-W1		-	-	-	-	1	-	-
12	12		1214333-CP	KEYCAP SET,VT100-WB	82PCS	-	-	-	-	-	1	-
13	13		1214333-CB	KEYCAP SET,VT100-WB	82PCS	-	-	-	-	-	1	-
14	14		1214333-8U	KEYCAP SET,VT100-WB	82PCS	-	-	-	-	-	1	-
15	15		1214333-EY	KEYCAP SET,VT100-WB	82PCS	-	-	-	-	-	1	-
16	16		1214333-2Y	KEYCAP SET,VT100	64PCS	-	-	-	-	-	-	1
17	17		1214333-3W	KEYCAP SET,LA120/34 VT100	18PCS	-	-	-	-	-	-	-
18	18	D-AD-7015050-0-0	7015050-01	SPACE BAR ASSY. GRAY		-	-	-	-	-	-	-
19	19	A-SP-3700555-0-0	3700555-00	PKG KEYBOARD 7015765		1	1	1	1	1	1	1
20	20	A-SP-3700439-0-0	3700439-00	INSTR PKG. BULK CARTON 99-06476-		1	1	1	1	1	1	1
21	21	C-MD-7424160-0-0	7424160-00	SPACE BAR EQUALIZER CLIP		2	2	2	2	2	2	2

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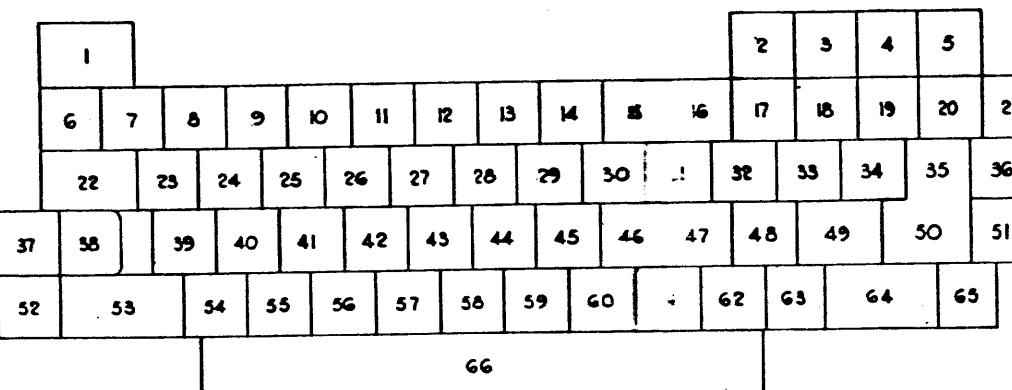
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Information Pages

REF ID	DESCRIPTION	QTY
1	CHASSIS NO. 1	1
2	CHASSIS NO. 2	1
3	CHASSIS NO. 3	1
4	CHASSIS NO. 4	1
5	CHASSIS NO. 5	1
6	CHASSIS NO. 6	1
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65	CHASSIS NO. 65	1
66	CHASSIS NO. 66	1



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

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

DESCRIPTION			DRAW/PART NO.		ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			NOMINAL DIMENSION RANGE INCHES		
ANGLE IN DEG	CLASS OF ACCURACY	CHECK ONS	0.00	0.25	0.50
			0.25	0.50	0.75
SURFACE QUALITY	MEDIUM		1.000	1.000	1.000
MICROFINISHES	PREFERRED		1.012	1.016	1.020
QUANTITY & VARIATION			FIRST USED ON		
			VT100 digital		
THIRD ANGLE PROJECTION			TITLE		
			KEYBD CAP-POSITION ARRANGEMENT		
REINFORCED BURRS AND BREAK SHARP CORNERS					
PROL. ENCL. 21-70					
PROD. ENCL. 21-70					
DO NOT SCALE DRAW			NEXT HIGHER ANGL.		
MATERIAL			D-AD-7015765-0-0		
FINISH			SIZE CODE NUMBER		
			D AR7015765-0-1		
SHEET			REV.		
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**KEYCAP VARIATION (I214333-XX) POSITIONS (SEE NOTE 1, SHEET 1)**

12/7800-88

1217800-B9

1217800-C

1217800-5

B

AR7015765-0

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REVISIONS		
CHK	CHANGE NO.	REASON

TITLE		KEYBD CAP-POSITION ARRANGEMENT		SIZECODE	NUMBER	REV
				D AR	7015765 - 0 - 1	H
SCALE	NAME	SHRINK	2 . 00	2	DATE	

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WIRE TAB

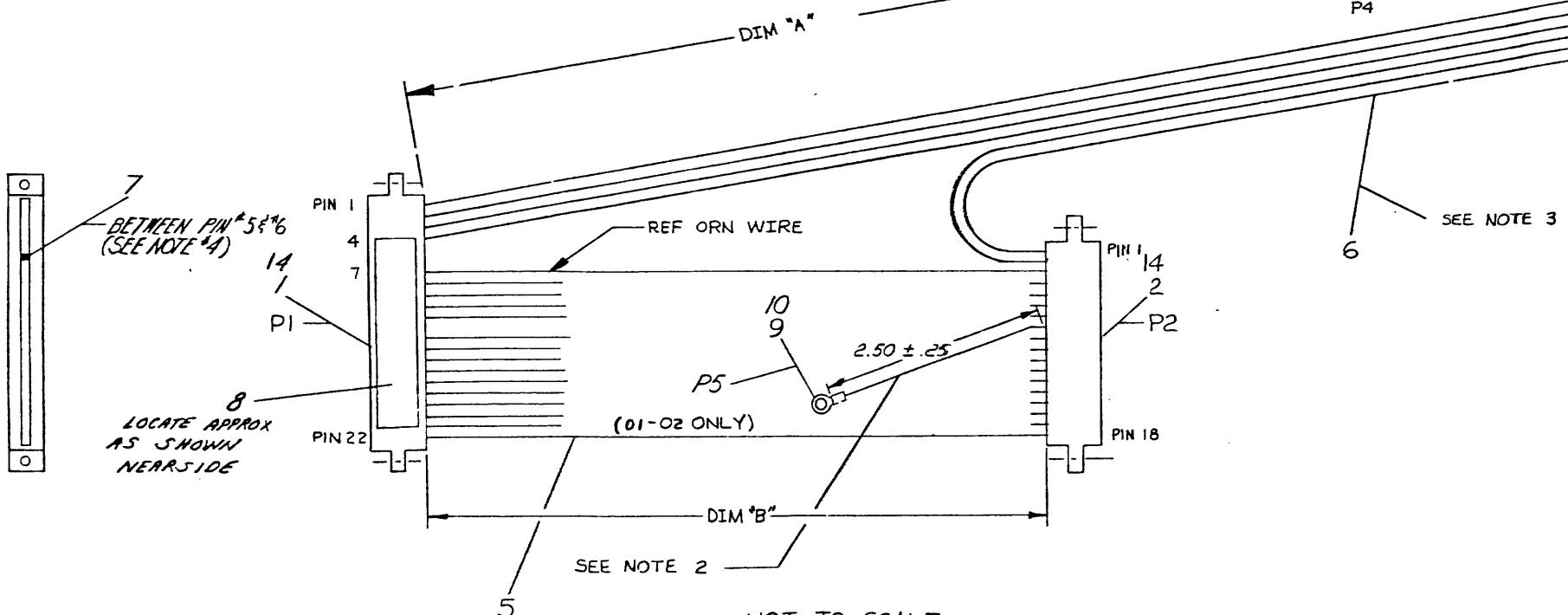
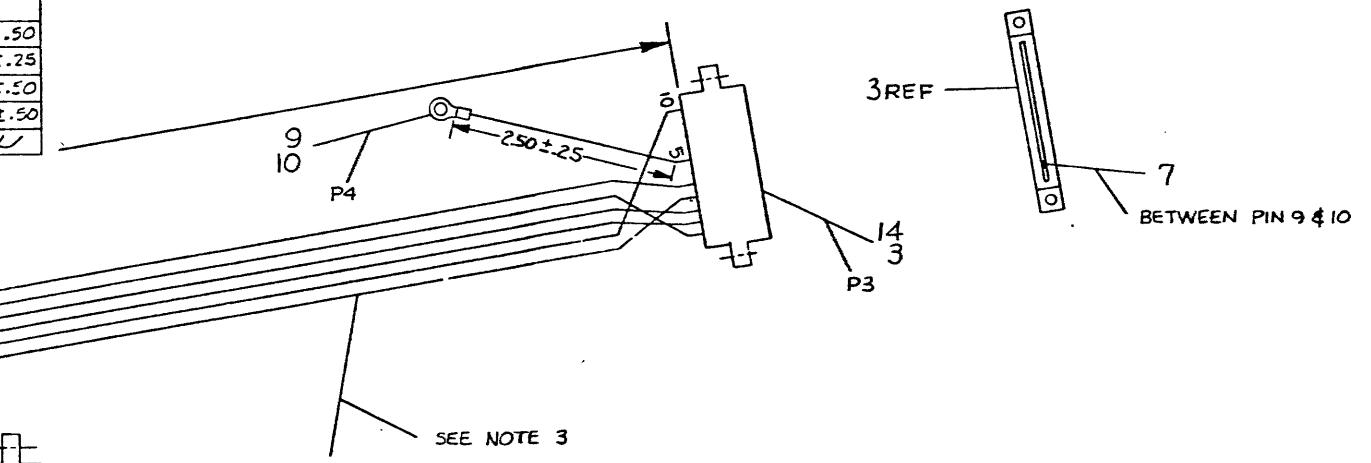
ITEM NO	DESCRIPTION		FROM		TO		REMARKS	PRECUT WIRE LG FOR VAR-00	PRECUT WIRE LG FOR VAR-01-03	PRECUT WIRE LG FOR VAR-02
	AWG	COLOR	CONN.	WITH	CONN	WITH				
5	18	RED	PI-22	14	P2-18	14		12.5 ± .50	2.5 ± .50	14.5 ± .50
	↑	RED	PI-21	↑	P2-17	↑				
	↑	RED	PI-20		P2-16					
	↑	RED	PI-19		P2-15					
	↑	RED	PI-18		P2-14					
	↑	BLK	PI-17		P2-13					
	↑	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-00-03	✓	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	✓	✓

OVER ALL CABLE LG.

VARIATION	DIM A	DIM B
7014978-00	$19.50 \pm .50$	$12.50 \pm .50$
7014978-01	$19.50 \pm .50$	$12.50 \pm .50$
7014978-02	$20.50 \pm .50$	$14.50 \pm .50$
7014978-03	$19.50 \pm .50$	$12.50 \pm .50$

## 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  $2.5 \pm .25$  IN. FROM BOTH ENDS.
  3. CUT BACK ORN & BLK WIRES OF (ITEM #6) TO  $12.5 \pm .25$  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.

			DESCRIPTION		DWG./PART NO.		ITEM NO.	
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES					
QUANTITY & VARIATION	MICRORHINES	CLASS OF ACCURACY CHECK ONE	NOMINAL DIMENSION RANGE INCHES					
			ANGLES 5° 30'	OVER 0	OVER 0.2	OVER 1.2	OVER 4.0	OVER 12.0
			SURFACE QUALITY IN MEDIUM	0.2	0.2	0.2	0.2	0.2
PREP. RATIO			1:00	2.000	2.012	2.016	2.024	
			2.012	2.016	2.025	2.04	2.045	
THIRD ANGLE PROJECTION			DRW 5-30-77	VTL 77	FIRST USED ON		digital	
			CHCK'D. & SIGN'D.	25-AUG-				
			ENG. 11-10-77	12-MAY-77				
			PROL ENGD. 11-10-77	24-JUL-77				
			PROL. C-11-10-77	5-NOV-77				
REMOVE BURRS AND BREAK SHARP CORNERS			TITLE					
DO NOT SCALE DWG			POWER CABLE ASSY					
MATERIAL SEE PARTS LIST			E-U-A-VT100 - Ø-Ø	SIZE D	CODE IA	NUMBER 7014978-0-0	REV. E	
FINISH			SCALE NONE	DIST.				
SHEET 1 OF 1								

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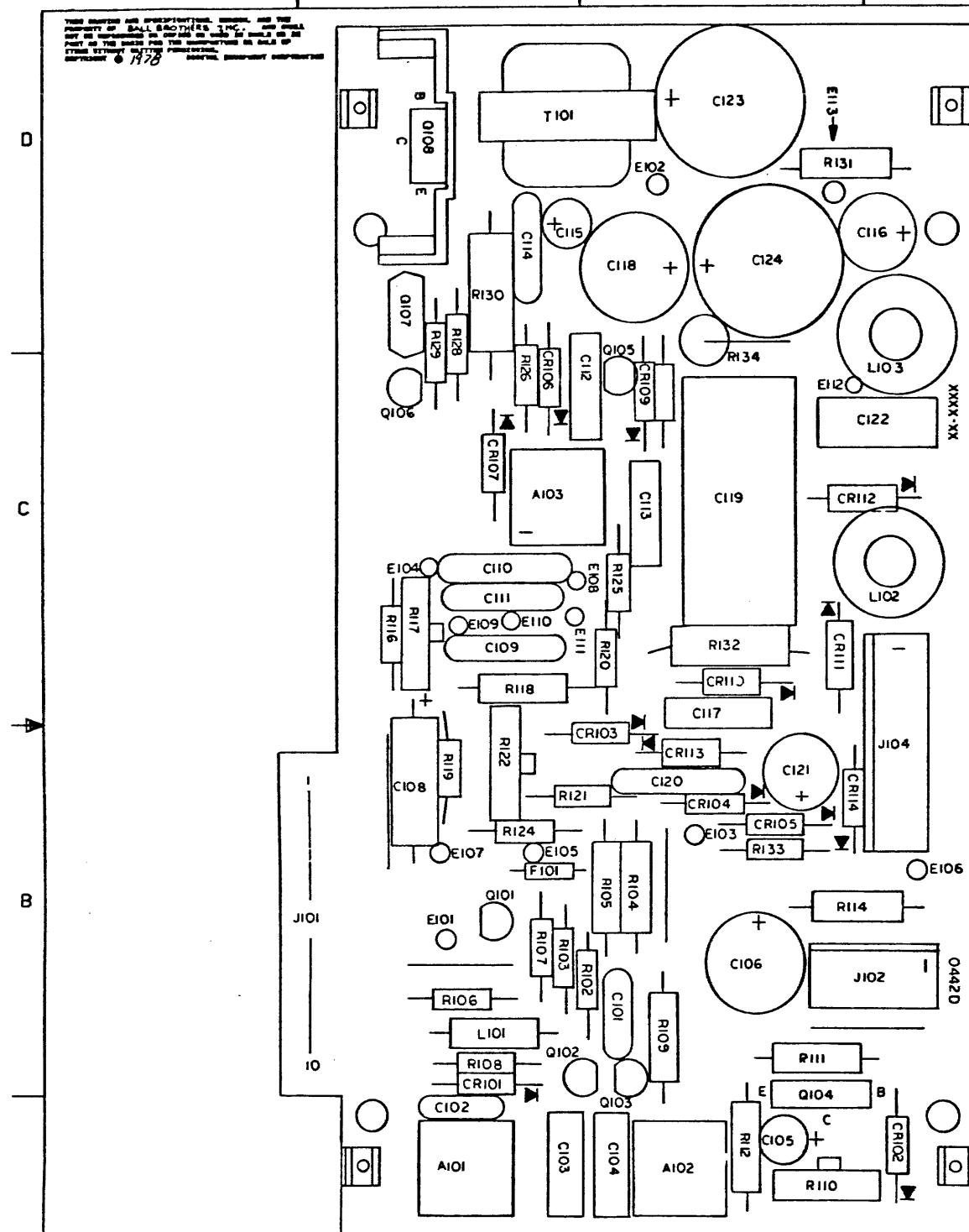
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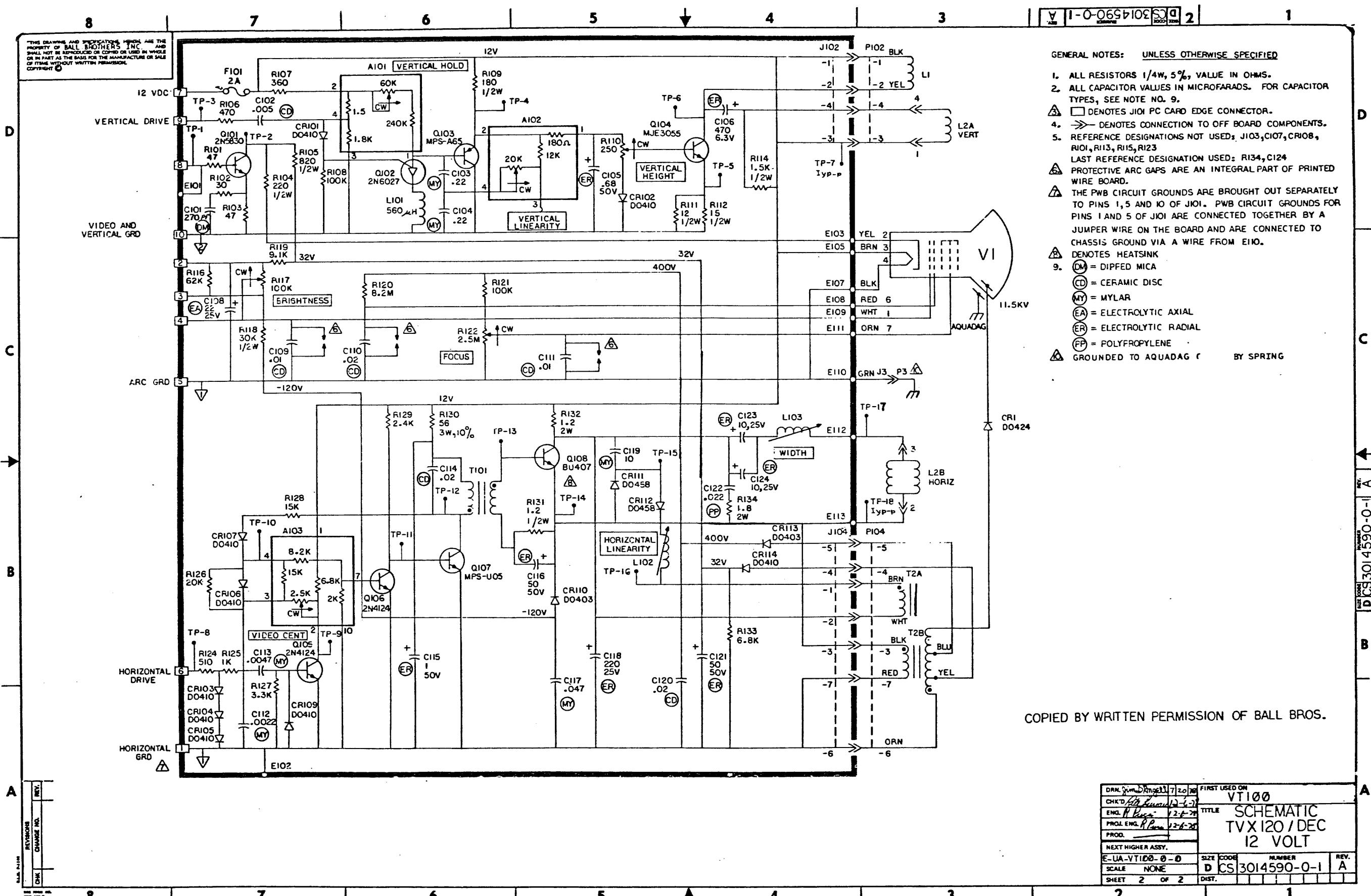
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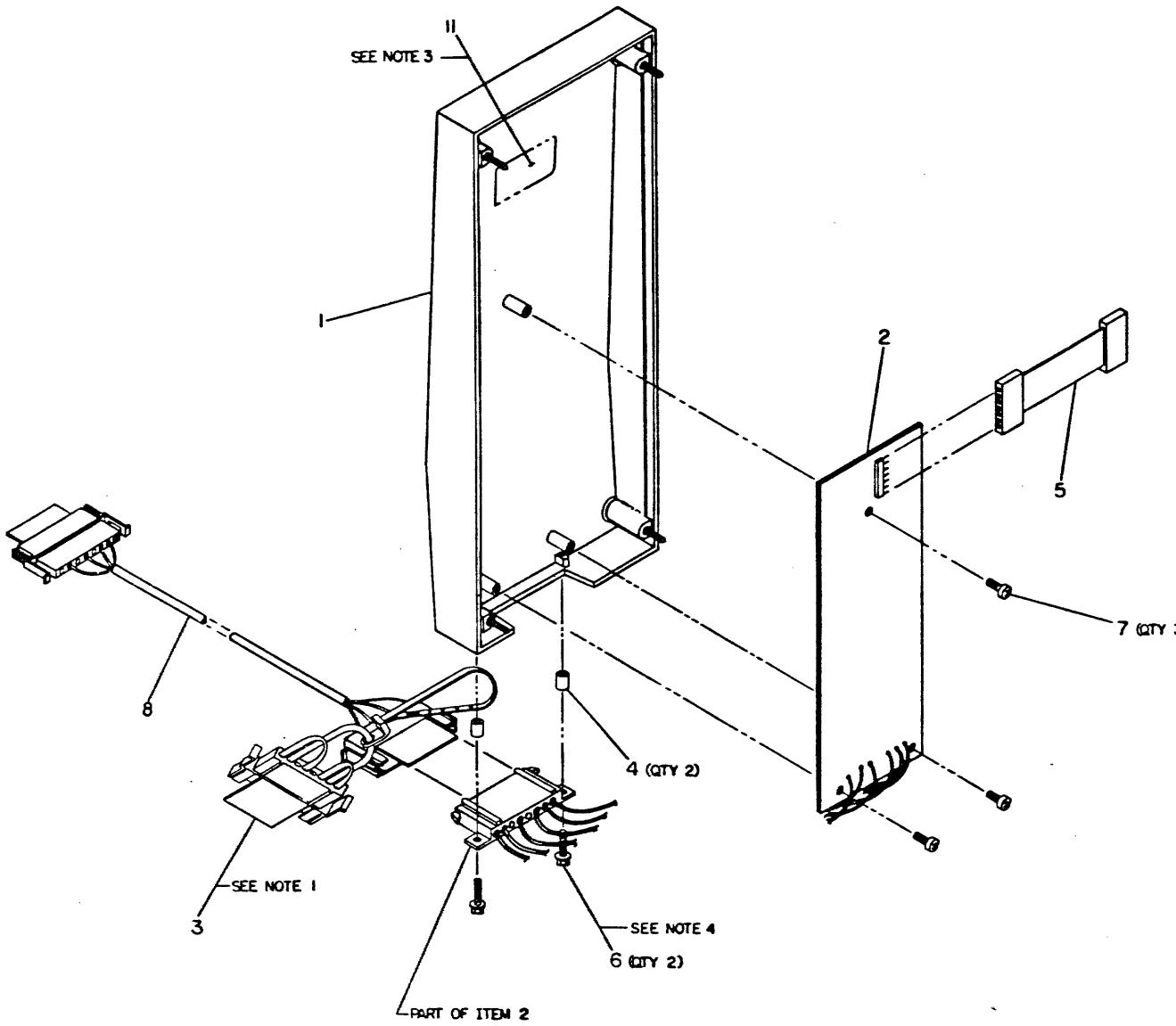


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PARTS LIST, TVX 120/DEC		
REF SYM	DESCRIPTION	PART NUMBER
R101	RESISTOR, FIXED, CARBON, 56, 1/4W UNLESS NOTED	70-16-0470
R102	30	70-16-0200
R103	47	70-16-0470
R104	220, 1/2W	1-011-2254
R105	820, 1/2W	1-011-2258
R106	470	70-16-0471
R107	360	70-16-0361
R108	100K	70-16-0104
R109	180, 1/2W	1-011-2252
R110	VAR, 2.5W 20%, CO VERT HGT	70-09-0251
R111	12, 1/2W	1-011-2224
R112	15, 1/2W	1-011-2224
R113	NOT USED	
R114	1.5K, 1/2W	1-011-2274
R115	NOT USED	
R116	62K	70-16-0623
R117	100K, 20P	1-011-5435
R118	30K, 1/2W	1-011-2305
R119	9.1K	70-16-0912
R120	8.2M	70-16-0825
R121	100K	70-16-0104
R122	VAR, 2.5W 20%, CO FOC ADJ	1-011-5598
R123	NOT USED	
R124	510	70-16-0511
R125	XK	70-16-0102
R126	20K	70-16-0303
R127	3.3K	70-16-0332
R128	15K	70-16-0153
R129	2.4K	70-16-0242
R130	56 10, 3W, W	1-011-2221
R131	1.2, 1/2W, B	1-011-2258
R132	1.2 10S, 2W, W	1-011-3955
R133	6.8K	70-16-0582
R134	1.8, 2W	1-011-2417
R135	NOT USED	
T2	HIGH VOLTAGE	6-003-0586
T101	HORIZ DRIVER	1-017-5402
MISCELLANEOUS		
CRT SOCKET		1-022-0427
WIRE STRD GRN		1-038-0345
HEATSLINK		1-015-5059
WIRE STRD BLU		1-038-0346
WIRE STRD RED		1-038-0342
CONTACT, FEMALE & 2		1-034-0362
MCHSD 6-321/4		3-011-0310
NUT 6-32		3-012-0161
LK ISHR #6		3-013-0160
PIN		1-028-0442
CONTACT, MALE		1-034-0295
CONN SHELL, 1 CONN FEMALE		1-034-0323
WIRE TERMINATION DATA		
E103	CRT SOCKET YEL LEAD	6-003-0570
E105	CRT SOCKET GRN LEAD	1-023-0246
E107	CRT SOCKET BLK LEAD	1-016-0302
E108	CRT SOCKET RED LEAD	1-016-0328
E109	CRT SOCKET WHT LEAD	1-016-0303
E110	GRN WIRE, 6.5 INCHES	
E111	CRT SOCKET GRN LEAD	
E112	BLUE WIRE, 10 INCHES	
E113	RED WIRE, 10 INCHES	
NOTES:		
1.	REFERENCE SCHEMATIC 1-024-0603	
2.	ALL REFERENCE SYMBOL NUMBERS 1 TO 98 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.	
TRANSISTOR		
O101	2N5390	1-015-1172
O102	2N6027	1-015-1157
O103	MPS-465	1-015-1186
O104	MJE3055	1-015-1156
O105	2N4124	1-015-1139
O106	2N4124	1-015-1139
O107	MPS-UD5	1-015-1159
O108	BU407	1-015-1210
COIL		
L1	VERTICAL CHOKE	6-003-0572
L2	DEFLECTION, TVX 120/12V	1-023-0246
L101	560uH	1-016-0302
L102	LINEARITY	1-016-0328
L103	W10TH	1-016-0303
CONNECTOR		
J102	CONNECTOR, 4 PIN MALE	1-039-0146
J103	NOT USED	
J104	CONNECTOR, 7 PIN MALE	1-039-0145
COIL		
L1	VERTICAL CHOKE	6-003-0572
L2	DEFLECTION, TVX 120/12V	1-023-0246
L101	560uH	1-016-0302
L102	LINEARITY	1-016-0328
L103	W10TH	1-016-0303
TRANSISTOR		
O101	2N5390	1-015-1172
O102	2N6027	1-015-1157
O103	MPS-465	1-015-1186
O104	MJE3055	1-015-1156
O105	2N4124	1-015-1139
O106	2N4124	1-015-1139
O107	MPS-UD5	1-015-1159
O108	BU407	1-015-1210
NOTES:		
1)	FLYBACK TRANSFORMER REPLACEMENT 3014590-01	
2)	PRINTED CIRCUIT BOARD REPLACEMENT 3014590-02	
ETCH REV. P.C. DESIGN DATA BASED REV.		
SIGNATURES DRN. <i>[Signature]</i> DATE 9-8-88 CHR'D. <i>[Signature]</i> 04-74 ENG. <i>[Signature]</i> 12-6-74 PROJ. ENG. <i>[Signature]</i> 12-6-74 PROD. <i>[Signature]</i>		
TITLE SCHEMATIC TVX120/DEC 12 VOLT		
SCALE 1 OF 2 SHT. 1 REV. D NEXT HIGHER PAGE. 0 CS. 3014590-0-1 A		

8 7 6 5 4 3 2 1 MS#180297





10

1. INSERT CONN. (ITEM 3) INTO CONN. OF (ITEM 2) FOR TESTING OPTION.
  2. PACKAGING: WHEN SHIPPED, MATERIAL SHALL BE AD-EQUATELY PROTECTED FROM HANDLING AND SHIPPING DAMAGE USING DIGITAL PACKAGING INSTRUCTION A-SP-370058-00
  3. LOCATE APPROX AS SHOWN ON Dwg.
  4. TORQUE (ITEM 6) TO GO IN-LBS  $\pm .3$  IN-LBS.
  5. TORQUE (ITEM 7) TO 8.0 IN-LBS  $\pm .5$  IN-LBS.

CAUTION: OFF SHEET PARTS LIST EXISTS.  
REFER TO K-PL-VTDXX-AA-D8P

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0-0-90206-0001

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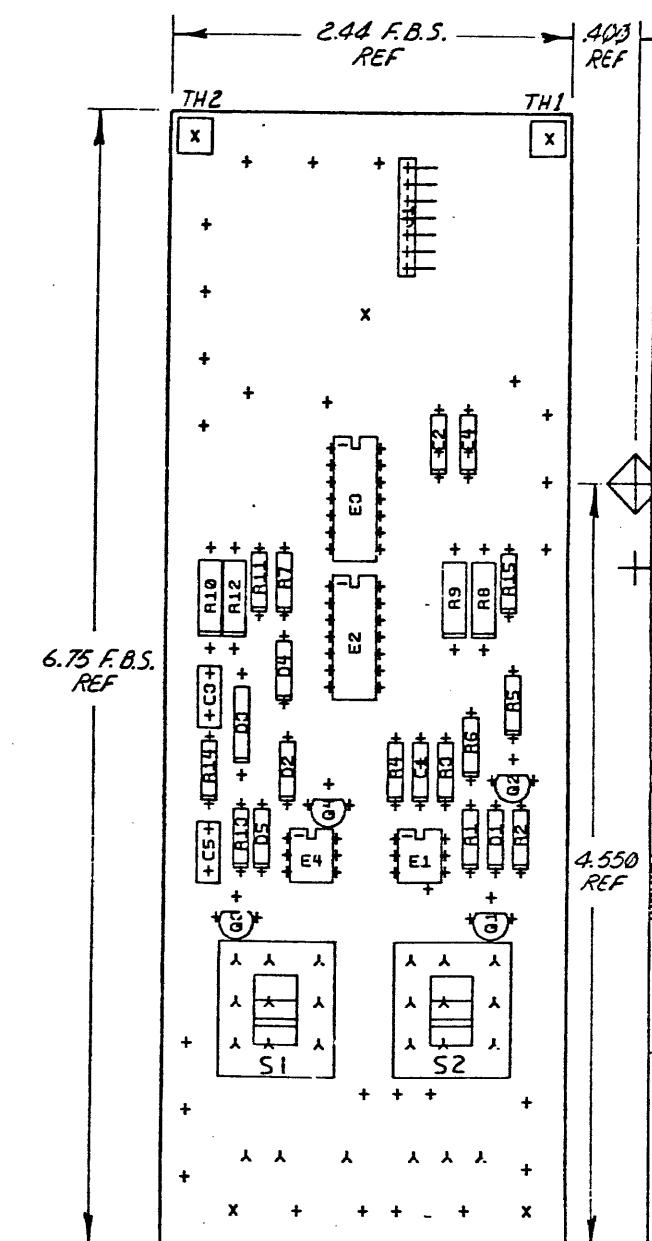
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## COMPONENT SIDE VIEW



## NOTES:

STEP E	→ Y AXIS	STEP 0 TIMES
REPEAT	→ X AXIS	2.750 / 2.5 / 2.750

CHG CHANGE NO	REV
S413206-PN001	C
REVISED & REDRAWN	10-22-69
CHK'D. M. MORTENSEN	11-77
J. DEMARINIS	10-22-69
ETCH REV. D	10-22-69

ETCH REV. D
-------------

SIGNATURES	DATE	digital
DR. V. PARECHANIAN	11-77	
CHK'D. M. MORTENSEN	11-77	
MECH. ENG. M. MORTENSEN	4-78	TITLE
PROJ. ENG. N. FORRESTER	5-78	20 MA ADAPTER
PROD. R. PUCCI	6-78	
SCALE 2	SIZE CODE	NUMBER
SHT. 1 OF 1	0	UA 5413206-0-0 C
NEXT HIGHER ASSY. B-D-D- 5413206 - 0		

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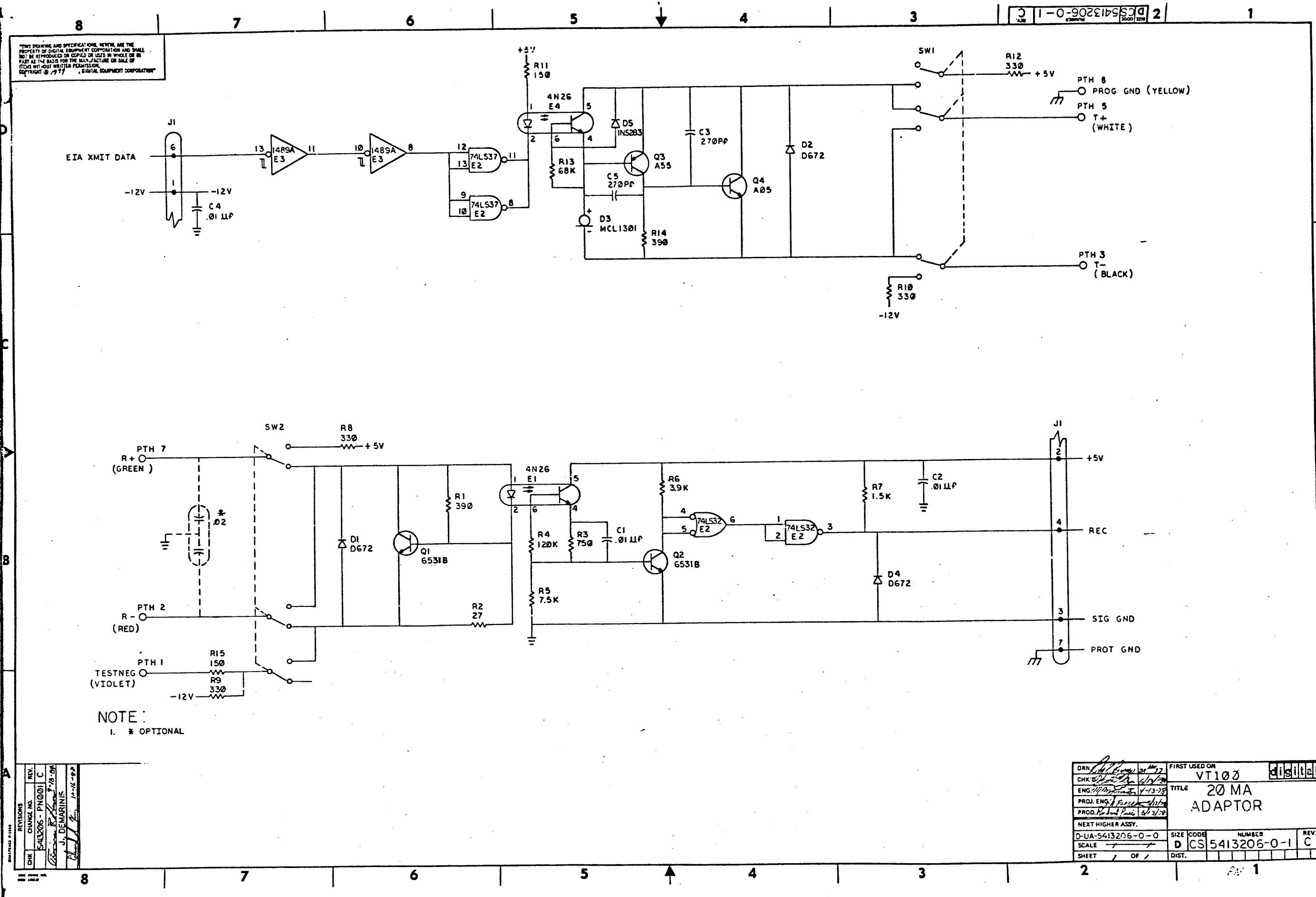
1 WO#150326

AUTOMATED BY PRTLST.IN(11)

## **F A R T S L I S T**

SHEET A1 OF A1

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION	REFERENCE DESIGNATOR
1	1	D-1D-5013205-0-0	5013205-00	1	
2	2		1000022-00	270.0 MMF 100V 5±200PPM M1CA	C3,C5
3	3		1001610-00	.01 MFD 50V ±80-20% 25U CER	C1,C2,C4
4	4		1105275-00	D 672 TR= 15NS PIV= 60V SI	D1,D2,D4
5	5		1105610-00	MCL1301 CL31MA FROM 10-80V	D3
6	6		1215048-01	CUNN 7POS RT ANGLE	J1
7	7		1215089-00	SW,SLIDE 3P 1A DBLE THROW	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 310mA SI 40 90 P	Q1,Q2
19	19		1510705-00	XA 05 NPN 500mA SI 60 50 P	Q4
20	20		1510706-00	XA 55 PNP 500mA SI 60 50 P	Q3
21	21		1916959-00	POTOTRANSISITOR	E1,E4
22	22		1912817-00	LS37 NAND GATE-QUAD 2IN,P	E2
23	23		1913130-00	DEC 14H9A RECEIVER,LINE,QUAD,	E3
24	24		1113003-00	IN 5282 PIV=55 I=500M D035	D5



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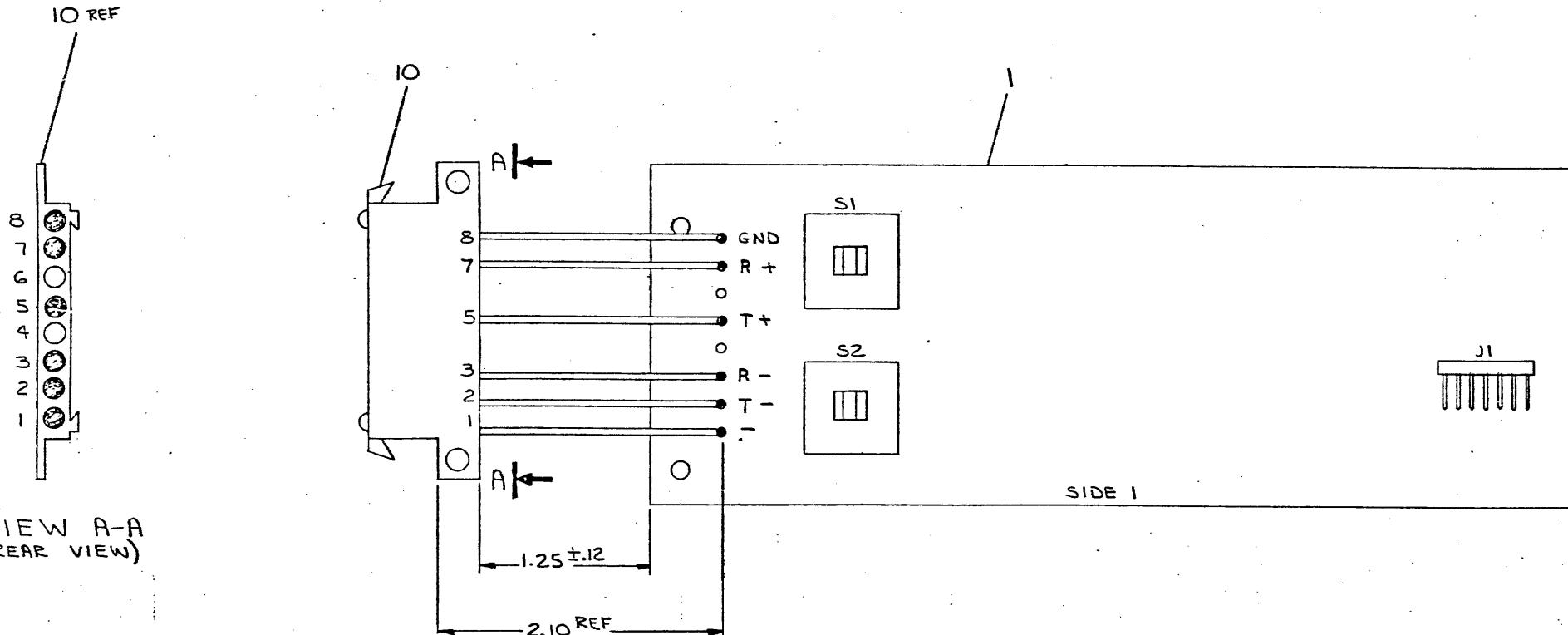
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## WIRE TABLE

ITEM NO.	DESCRIPTION		FROM		TO		REMARKS
	AWG	COLOR	CONN	WITH	CONN	WITH	
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	-	

## 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-3700429-0-0,  
VARIATION -03



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

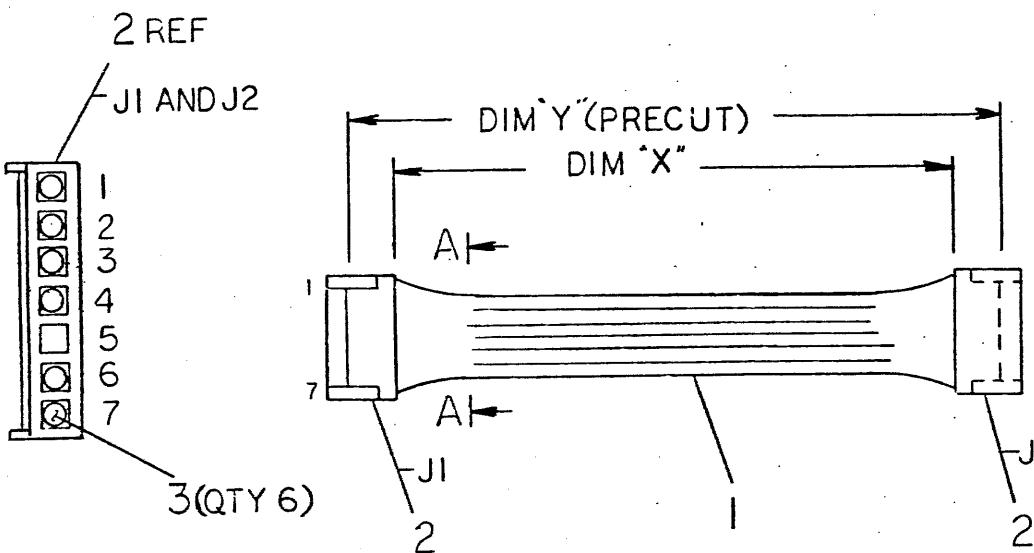
MANUFACTURER & NAME			
REVISIONS			
CHK	CHANGE NO.	REV.	DATE
22	1015273-MLQ01	A	
	DEMARINIS		
	25AUG80		
22	1015273-MLQ01	A	
	DEMARINIS		
	25AUG80		
22	1015273-MLQ01	A	
	DEMARINIS		
	25AUG80		
22	1015273-MLQ01	B	
	DEMARINIS		
	25AUG80		
22	1015273-MLQ01	C	
	DEMARINIS		
	25AUG80		

QUANTITY & VARIATION	DESCRIPTION		DWG./PART NO.		ITEM NO.
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
	ANGLES 30° 30'	CLASS OF ACCURACY (CHECK ONE)	NOMINAL DIMENSION RANGE INCHES		
SURFACE QUALITY IN	MEDIUM ✓	OVER .040 TO .030	.024	.020	.018
	MICRINCHES	OVER .030 TO .020	.020	.016	.012
	PREFERRED	OVER .020 TO .010	.016	.012	.008
0 ANGLE PROJECTION	DRL. <i>R. 0007</i>	FIRST USED ON VT 100 digital			
REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D <i>Brinkman</i>	TITLE 20 MA			
DO NOT SCALE DWG	ENG. <i>Miner</i> 1-11-78	ADAPTER ASSY			
TERIAL	PROL. ENG. <i>Miner</i> 1-11-78				
EE PARTS LIST	PROD. <i>Miner</i> 1-11-78				
ISH	NEXT HIGHER ASSY.				
	E-U/A-VT1XX-A-A-0	SIZE D	CODE IA	NUMBER 7015273-0-0	REV. B
	SCALE 2/1				
	SHEET 1 OF 1				
	DIST.				

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### WIRE TABLE

ITEM NUMBER	DESCRIPTION		FROM		TO	
	AWG	COLOR	CONNECTION	WITH	CONNECTION	WITH
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



VIEW A-A  
REAR VIEW  
2 PLACES

REVISIONS		CHANGE NO.	REV.
CHK	7015506-ML001	A	
2/44	2/8-78		
2	Speng		
C.JAMES			
POL			

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

		DESCRIPTION		DWG./PART NO.		ITEM NO.			
12	CONTACT, PIN	1214979-00		3					
2	HOUSING, 7 CONN	1215047-01		2					
A/R	WIRE, 24AWG, STRD (BLK)	9107450-00		1					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES									
ANGLES	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES							
±0° 30'	(CHECK ONE)	OVER 0 TO .02	OVER .02 TO .12	OVER .12 TO .40	OVER .40 TO .80				
SURFACE QUALITY IN	MEDIUM	±.004	±.008	±.012	±.016	±.024			
MICRORHINES	PREFERRED	±.012	±.016	±.025	±.04	±.062			
THIRD ANGLE PROJECTION		DRN. 50-78	FIRST USED ON	VT100					
		CHK'D 7-78	7-78	digital					
		ENG. 1-33-78							
		PROJ. ENG. 1-33-78							
		PROD. Mfg. 1-24-78							
REMOVE BURRS AND BREAK SHARP CORNERS		TITLE							
DO NOT SCALE DWG		CABLE, INTERNAL 20 MA ADAPTOR							
MATERIAL SEE PARTS LIST		E- UA-VTXX-AA	SIZE C	CODE IA	NUMBER 7015506-0-0	REV. A			
FINISH		SCALE NONE							
SHEET 1 OF 1		DIST.							

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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%

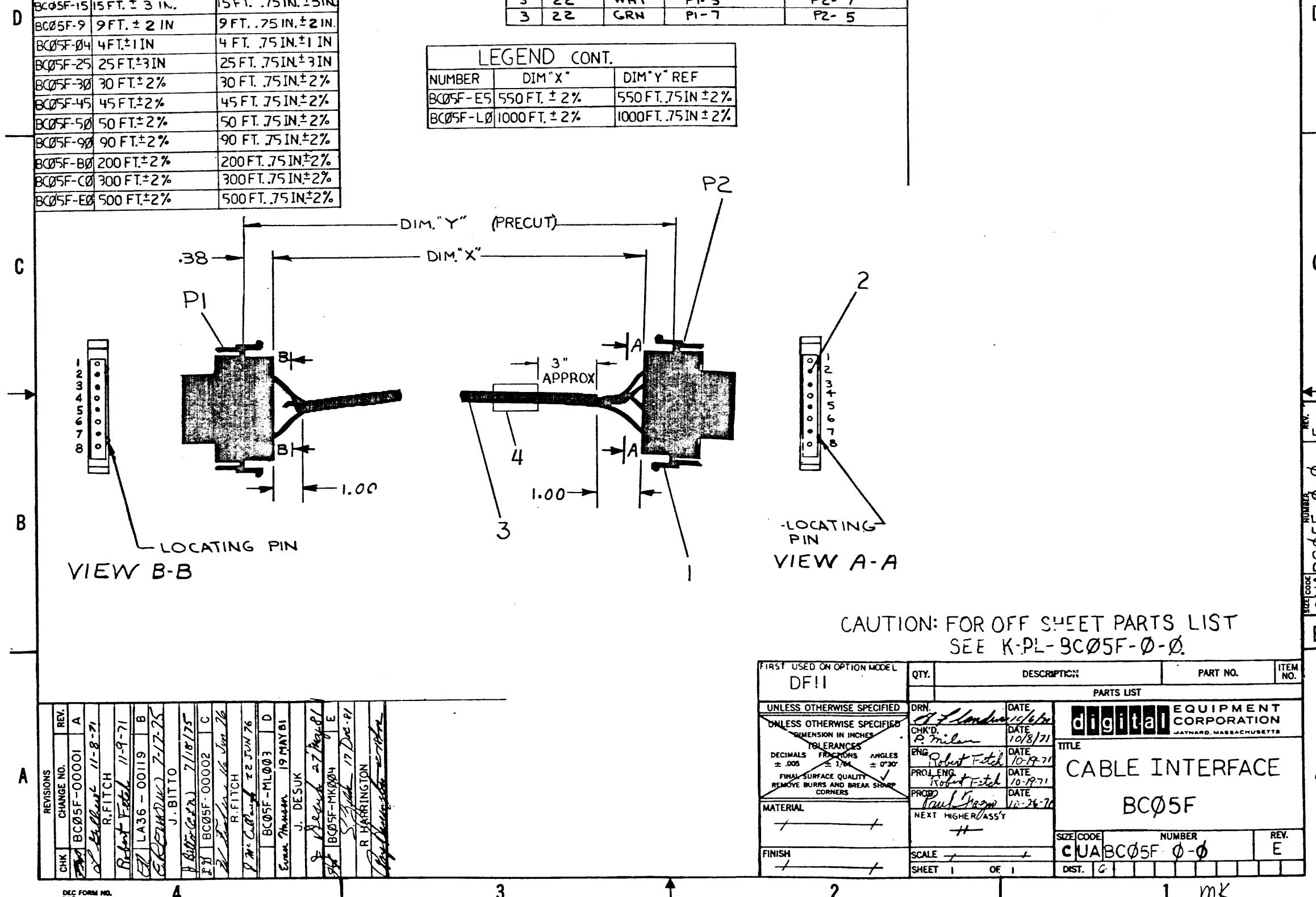
### WIRE TABLE

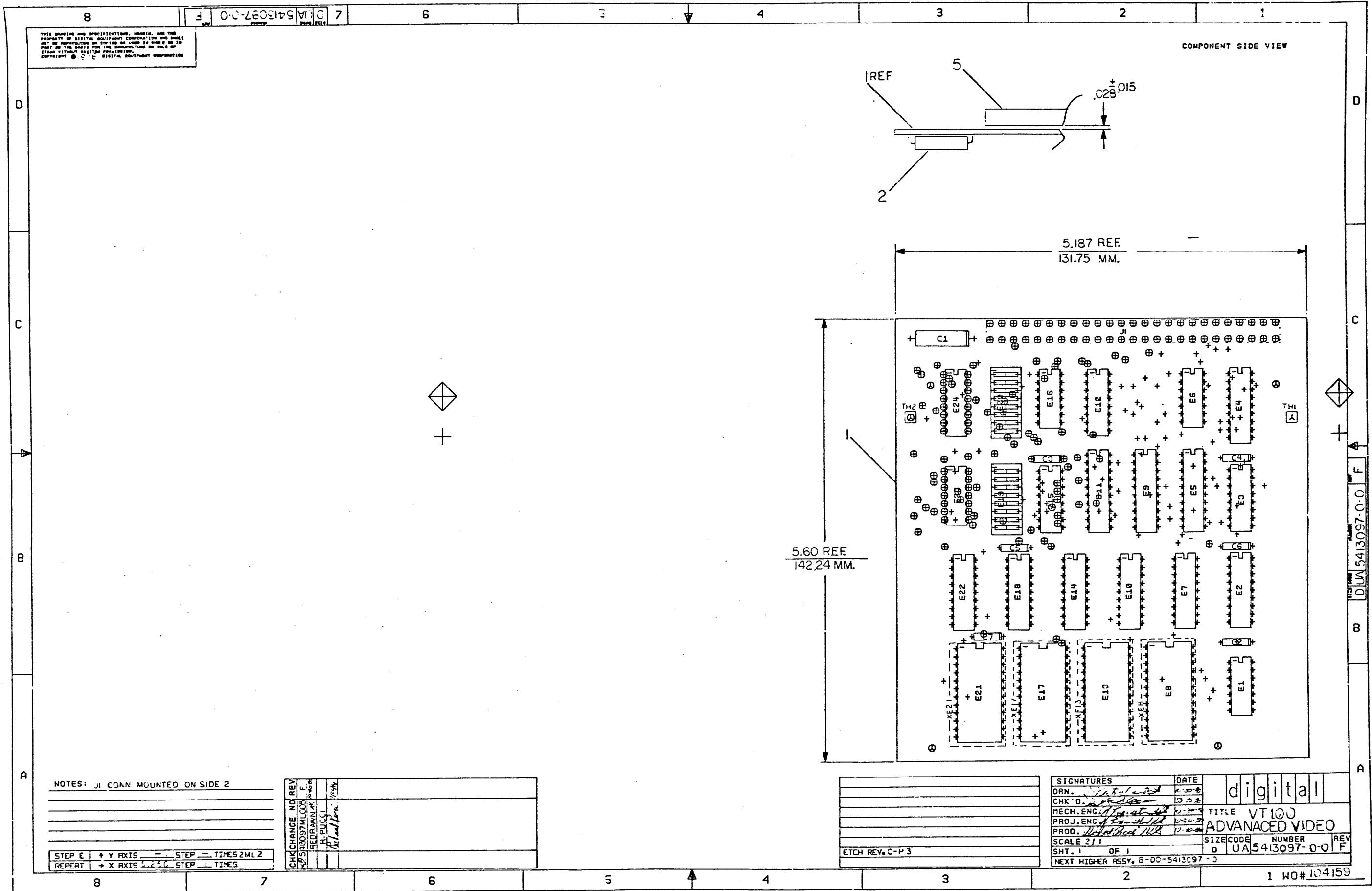
ITEM NO	DESCRIPTION	FROM	TO
AWG	COLOR	CONNECTION	CONNECTION
3 22	BLK	P1-2	P2-3
3 22	RED	P1-3	P2-2
3 22	WHT	P1-5	P2-7
3 22	GRN	P1-7	P2-5

### NOTES:

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

LEGEND CONT.		
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%



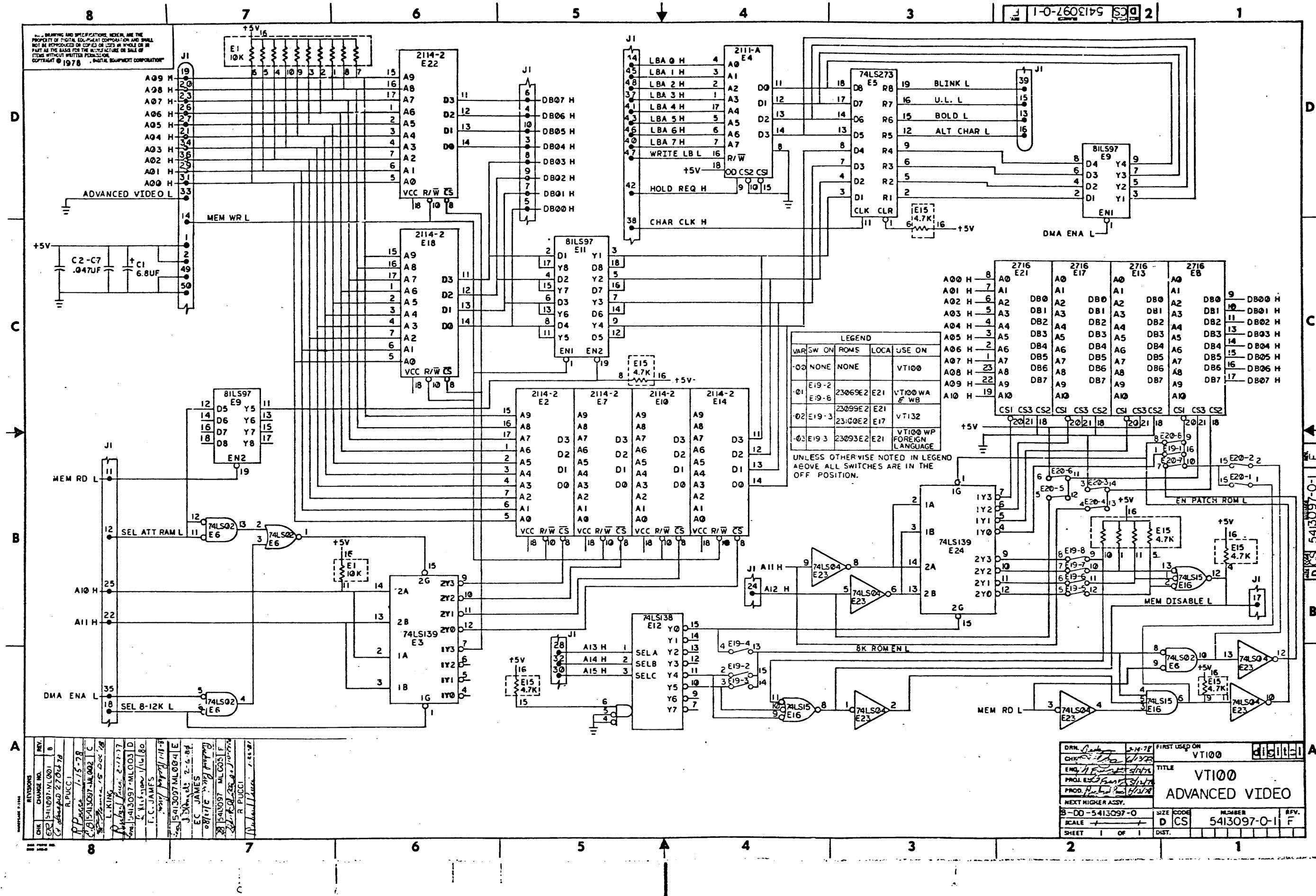


PARTS LISTS

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 6.8MFD 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 LS02 NOR-GATE-QUAD ZIN	1	1	1	1	E6
9	9		1912803-00 74LS04 INVERTER GATE,HEX	1	1	1	1	E23
10	10		1912809-00 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	F3,E24
13	13		1912863-00 LS273 FF-D OCTAL W/CLEAR	1	1	1	1	E5
14	14		1914213-00 81LS97 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	8	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		23059E2-00 E2-02,E2-04	R0	-	1	-	E21
19	20		23099E2-00 E2-02		-	-	1	E21
20	21		23100E2-00 E2-02	R0	-	-	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-  
25 NOTE: FOR BULK INTERPLANT SHIPMENT USE PACKAGING INSTRUCTIONS A-SP-3700438-00

DO NOT USE UNARMED AND UNARMED PERSONNEL IN EXECUTING INSTRUCTIONS. U.S. 8700458





LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION		REFERENCE DESIGNATOR
				00	01	
1	E-MD-5014130-0-0	5014130-00	DRILLED AND ETCH BOARD FOR VT100	1	1	
		1016544-00	.1 MFD 100V 10% MYLR	2	2	C107, C442
		1016546-00	.22 MFD 660V 10% MET. MYLR	1	1	C449
		1016569-00	.056 MFD 100V 10% MYLR	2	2	C436, C402
		1016639-00	.02 MFD 200V 10% MYLR	1	1	C320
		1016547-00	.02 MFD 200V 10% MYLR	1	1	C438
		1016548-00	1000 MFD 16V +50-10% AL EL	1	1	C321
		1010274-02	MFD 50V +80-20% CER	2	2	C443
		1016555-00	.22 MFD 50V +50-10% AL EL	2	2	C102, C103
		1016496-00	.7MFD 35V 20% S.TANT	1	1	C318, C319
		1016554-00	.7MFD 6V +75-10% AL EL	2	2	C439
		1016553-00	.7MFD 25V +75-10% AL EL	2	2	C312, C437
		1016558-00	.22 MFD 25V 20% AL EL	1	1	C441
		1016557-00	.47 MFD 16V +50-10% AL EL	3	3	C106, C434, C440
		1016556-00	.CE MFD 100V +80-20% ZSU DISC	3	3	C213, C314, C404
		1016570-00	.CE MFD 500V +80-20% ZSU DISC	2	2	C435, C403
		1016571-00	.CE MFD 500V +80-20% ZSU DISC	4	4	C104, C105, C486, C487
		1016572-00	.220 MMF 500V 10% XSP DISC	1	1	C101
		1000004-00	.CE MFD 100V 20% ZSU DISC	4	4	C322, C323, C324, C325
		1116474-00	1N -007 PIV=1000 I=1A D041	4	4	CR101, CR102, CR103, CR104
		1116477-00	1N -156 PIV= 20 D035	1	1	CR304
		1114892-00	1N -747A VZ= 20.0 5% 1W	1	1	CR410
		1116476-00	PIV=400	1	1	CR408
	SEE NOTE	1216530-04	MAGNET, PINCUSHION 10 GAUSS	1	1	
		1003053-00	.CE MFD 250V 20% MET. MYLR	1	1	C316
		1316522-00	.250 K .25 W20.0 % POT	1	1	R342
		1316522-02	.25 M .25 W20.0 % POT	1	1	R477
		1316522-01	.25 J K .25 W20.0 % POT	2	2	R109, R334
		1317528-00	.25 J 2.0 W10.0 % CC	1	1	R470
		1300479-00	.25 K .25 W 5.0 % CC	1	1	R291

ENG	ECO NUMBER	REV	SECTION A OF A	BASIC PART NO: 5414131	CRN: KENT GLEESEN	DATE: 24-MAR-81	D	I	G	I	T	A	L
							TITLE	PARTS LIST					
	INITIAL	P	SECTION VARIATION INDEX	[A] 00,01	CHK'D: KENT GLEESEN	DATE: 24-MAR-81							
DP	5414131-ML007	R			DES.ENG: DICK PUCCI	DATE: 24-MAR-81						VT100 MONITOR	
DP	5414131-ML008	S			RESP.ENG.: DICK PUCCI	DATE: 24-MAR-81						DOCUMENT NUMBER	
					RESP.ENG.: DICK PUCCI	DATE: 24-MAR-81						SIZE CODE NUMBER	
					FG.ENG.: AL JOHNS	DATE: 24-MAR-81	K	PL	5414131-0-DBP			REV	
					ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:						FILE NAME:	
					JUA-5414131-0-0	B-DD-5414131-0-0						EDIT #	
												11	

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## PARTS LIST

SHEET A2 OF A3

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION			REFERENCE DESIGNATOR
				00	01		
31	31	1300445-00	4.70 K .50 W 5.0 %	CC	1	1	R331
32		1316504-00	68.0 K .50 W 5.0 %	CC	1	1	R332
33		1300385-00	1.20 K .50 W 5.0 %	CC	1	1	R344
34		1316506-00	100.0 K .50 W 5.0 %	CC	1	1	R472, R473
35		1316508-00	5.60 K .50 W 5.0 %	CC	1	1	R338
36		1316509-00	3.90 K 1.0 W 5.0 %	CC	1	1	R337
37		1302396-00	150.0 K .25 W 5.0 %	CC	2	1	R106
38		1300228-00	100.0 K .50 W 5.0 %	CC	1	1	R481, R343
39		1300364-00	1.0 K .50 W 5.0 %	CC	1	1	R468
40		1300296-00	330.0 K .50 W 5.0 %	CC	1	1	R345
41		1300356-00	820.0 K .50 W 10.0 %	CC	1	1	R108
42		1300461-00	6.80 K .50 W 5.0 %	CC	1	1	R339
43		1300440-00	3.30 K .50 W 5.0 %	CC	1	1	R110
44		1300496-00	15.0 K .25 W 5.0 %	CC	1	1	R107
45		1300274-00	220.0 K .50 W 5.0 %	CC	1	1	R105
46		1300285-00	270.0 K .50 W 5.0 %	CC	1	1	R341
47		1316525-00	1.0 WW 3.0 W 10.0 %	WW	1	1	R478
48	48	1509525-00	2N 3906 PNP 310MW SI 40100 Y		1	-	Q298
		CONT			-	2	Q298, Q100
49	49	1516492-00	2N 5830 NPN 1W SI100 1		1	1	Q101
50	50	1509524-00	2N 3904 NPN 310MW SI 40 40 M		2	2	Q308, Q401
51	51	1516491-00	2N 6427 NPN 1.5W SI 40 1.5		1	1	Q309
52		1516532-00	NPN 125W SI250 25		1	1	Q310
53		1516490-00	MPSU05 NPN 10W SI		1	1	Q413
54		1517534-00	BU 407D NPN POWER TRANS TO220		1	1	Q414
55		4901303-00	WAX	A/R	A/R		
56		9107685-00	TUBING, SHRINK 1/2 DIA. EXP UL	A/R	A/R		
57		1616309-00	XFMR, HORIZONTAL DRIVE		1	1	T403
58		1616538-00	COIL, HORIZONTAL, LINEAR		1	1	L402
59		1616536-00	XFMR, HORIZONTAL WIDTH		1	1	L403
60	60	1210929-05	FUSE, SUB-MINI, 2.500A, 125V, A		1	1	F401
61		1216521-01	HEADER 4POS		1	1	S102
62		1216521-00	HEADER 4POS		1	1	S103
63		1216471-00	HEAT SINK, BOTTOM ONLY		1	1	
64		1217561-00	HEAT SINK, TO-220, YELLOW CHROMATE		1	1	
65		4901304-00	COMPOUND, SILICONE THERMAL, VISC	A/R	A/R		
66		9006022-01	SCREW, PAN, PHIL 6-32X 3/8 SS		2	2	
67		1001776-00	1 MFD 35V 10% S.TANT		1	1	C315
68	68	1304837-00	24.0 K .25 W 5.0 %	CC	1	1	R335
69	69	1300315-00	470.0 K .50 W 5.0 %	CC	1	1	R401
70	70	1300415-00	2.20 K .50 W 5.0 %	CC	2	2	R402, R403
71	71	1300443-00	3.90 K .50 W 5.0 %	CC	2	2	R404, R333
72	72	1300467-00	7.50 K .50 W 5.0 %	CC	1	1	R405
73	73	1000042-00	1000.0 MMF 100V 5%200PPM MICA		1	1	C401
74	74	1911944-00	555CN TIMER, FUNCT. BLOCK		1	1	E1
75	75	9006659-00	WASHER, FLAT, .375 O.D. X .156 I		2	2	
76	76	9008185-00	NUT, KEP 6-32X 1/4 AF		3	3	
77	77	1300197-00	33.0 .25 W 5.0 %	CC	1	1	R471

D	I	G	I	T	A	L	TITLE	VT100 MONITOR	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5414131-0-DBP	S

AUTOMATED BY PRTLST.3P(44)

## PARTS LIST

SHEET A3 OF A3

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION		REFERENCE DESIGNATOR
				00	01	
78	78	1300432-00	3.0 K .25 W 5.0 %	CC	1 1	R400
79	79	1300439-00	3.30 K .25 W 5.0 %	CC	1 1	R104
80	80	1301775-00	820.0 .25 W 5.0 %	CC	1 1	R293
81	81	1300295-00	330.0 .25 W 5.0 %	CC	1 1	R294
82	82	9107776-99	WIRE(WRAP)22AWG, IPV, UL1429 WH	A/R		W1
83	83	9009185-00	JUMPER, WIRE, INSULATED, BLACK B		1 1	
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 CER	-	1	C108
91	91	1116475-00	IN 4148 PIV= 75 D035	2 -	-	CR302,CR303
		CONT			- 3	CR302,CR303,CR100
92	92	1111854-01	MR 817 PIV=800 I= 1A D041 S	1 1		CR409

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

D	I	G	I	T	A	L	TITLE	VT100 MONITOR	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
									K	PL	5414131-0-DBP	S	

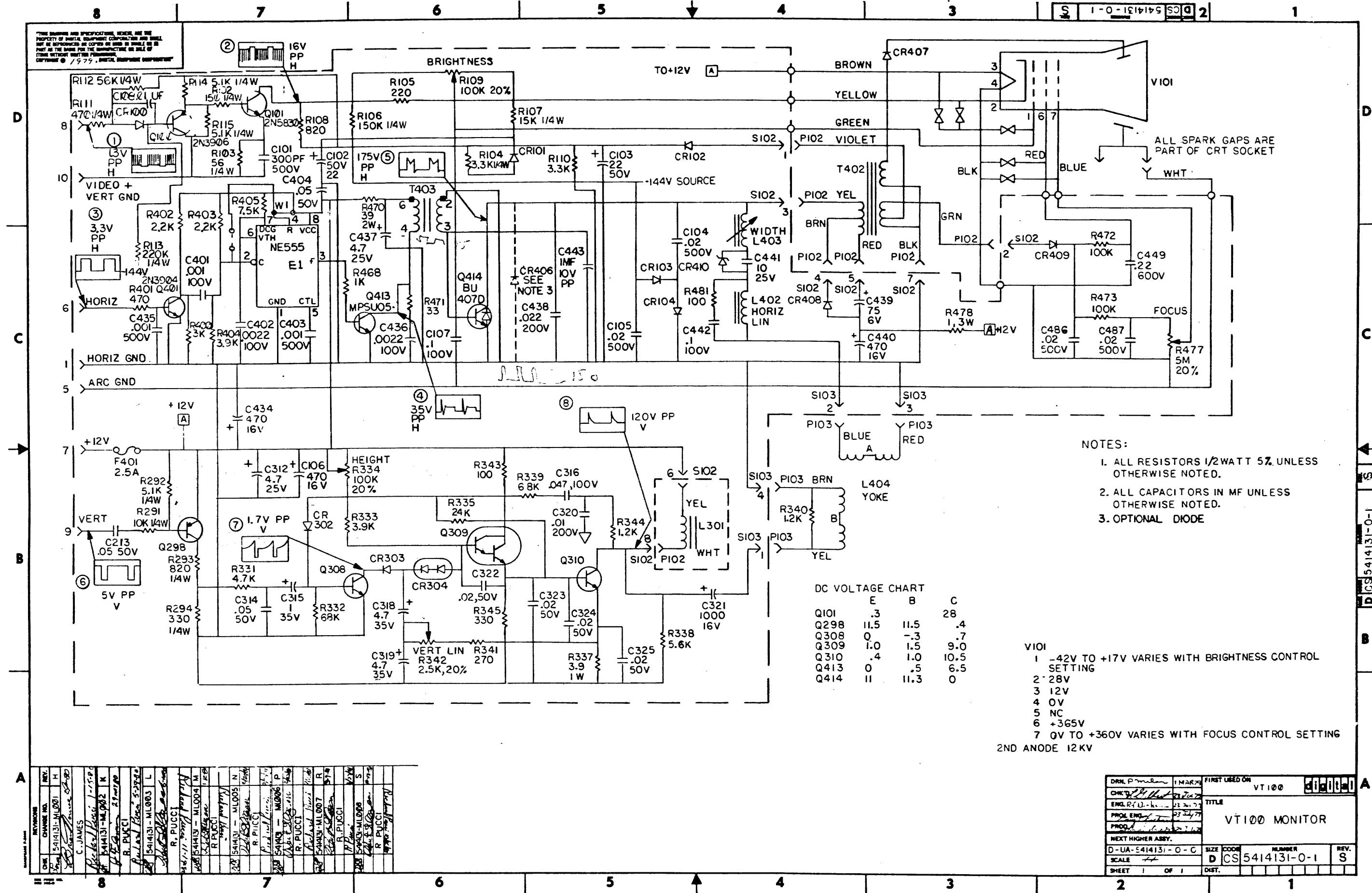
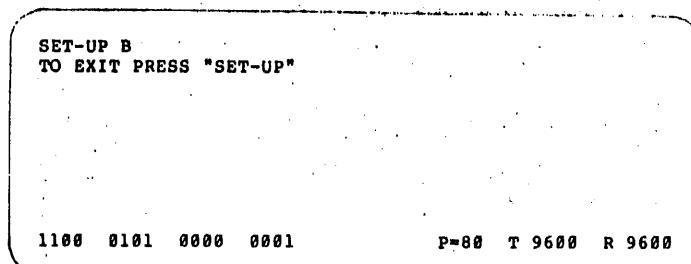


Table 3  
Word Processing User Option Set-up "B"

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

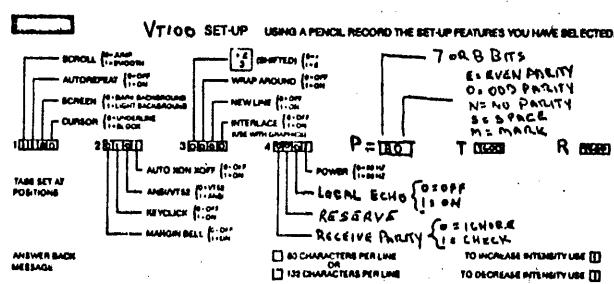


NOTE: For WC and WD variations Group 4 should contain all zero's, unless 50 Hz, local echo and/or parity check is desired.

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.



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A

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

VT100-WA & WB 5413097-01

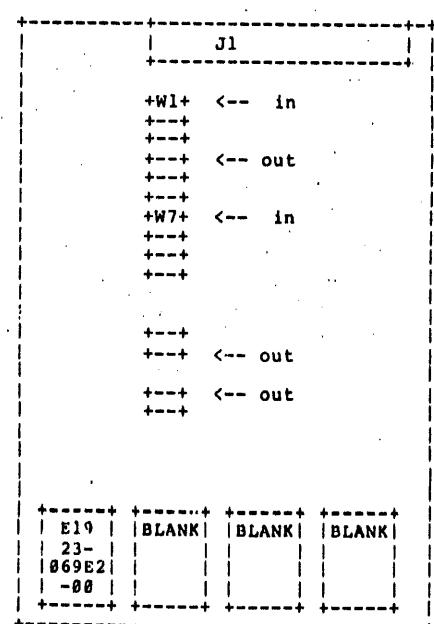
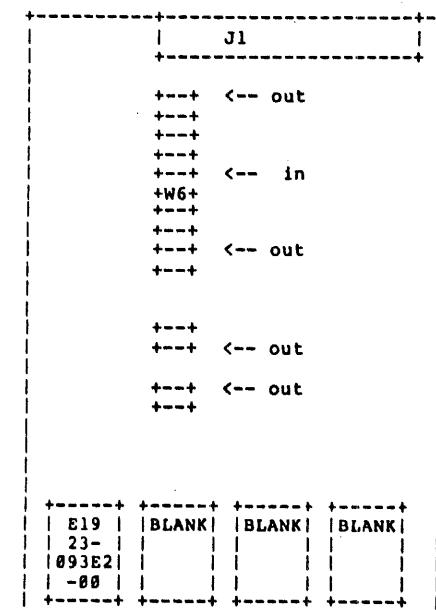


Table 5 (continued)  
Word Processing Adv. Video Module  
ROM and Jumper Locations

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



**DIGITAL EQUIPMENT CORPORATION**  
MAYNARD, MASSACHUSETTS

**ENGINEERING SPECIFICATION**

DATE 6/28/79

TITLE VT100-W Word Processing Terminals

Installation Notes

REV

A

DESCRIPTION

CHG NO

ORIG

DATE

APPD BY

DATE

VT100-W.TREMBLAY  
ML028  
3/12/79  
W.Tremblay  
(dat) 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-VT100-8A1).

Unique to the VT100 Word Processing Terminal is a Word Processing Advanced Video Module P/N 5413897-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	5413897-01
		Video Module	5413897-01
VT100-WB	VT100-AB	Word Proc. Key Bd.	7015765-03
		Word Proc. Advanced	5413897-01
		Video Module	5413897-01
VT100-WC		French Canadian Key Bd.	7015765-05
		For. Language Advanced	5413897-03
		Video Module w/ROM A	5413897-03
		Basic Video Board	5413899-02

ENG Walt Tremblay	APPD Don Young	SIZE A	CODE SP	NUMBER VT100-W	REV A
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SHEET 1 OF 8

Page 2 of 8

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 (+/-)	SHIFTER (+/-)
AUTOREPEAT (+/-)	WRAP AROUND (+/-)
SCREEN (+/-)	NEW LINE (+/-)
CURSOR (+/-)	INTERLACE (+/-)
TAB SET AT POSITIONS	OPTIONAL DISPLAY FOR DOCUMENTATION
ANSWER BACK MESSAGE	POWER (+/-)
KEYLOCK (+/-)	BITS PER CHAR (+/-)
MARGIN BELL (+/-)	PARTY (+/-)
TO INCREASE INTENSITY USE <input type="checkbox"/>	
TO DECREASE INTENSITY USE <input type="checkbox"/>	

1100 0101 0000 0010 T SPEED 9600 R SPEED 9600

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 (+/-)	SHIFTER (+/-)
AUTOREPEAT (+/-)	WRAP AROUND (+/-)
SCREEN (+/-)	NEW LINE (+/-)
CURSOR (+/-)	INTERLACE (+/-)
TAB SET AT POSITIONS	OPTIONAL DISPLAY FOR DOCUMENTATION
ANSWER BACK MESSAGE	POWER (+/-)
KEYLOCK (+/-)	BITS PER CHAR (+/-)
MARGIN BELL (+/-)	PARTY (+/-)
TO INCREASE INTENSITY USE <input type="checkbox"/>	
TO DECREASE INTENSITY USE <input type="checkbox"/>	

1100 0101 1000 0011 T SPEED 9600 R SPEED 9600

# **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. WEDEKING 10-JUL-78	PROD DATE	K. HOFFMAN 10-JUL-78	ISSUED SECTION B2

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	V	S	S	V	S	S	S	S	S	S	S	REF DESIGNATION
19		VT1ØØ-WZ	TERM, VIDEO, WP W/230V PLUG	-	-	-	1	-	-	-	-	-	-	-	
20		3615741-01	LABEL, SET-UP, VT1ØØ FOR SYSTEMS	1	1	1	1	-	-	-	-	-	-	-	
21		AA-H989A-TA	VT1ØØ FOREIGN LANGUAGE SUPPLEMENT	1	1	1	1	-	-	-	-	-	-	-	
22		VT1ØØ-LA	TERM, VIDEO, W/P4Ø TUBE	-	-	-	-	1	-	-	-	-	-	-	
23		VT1ØØ-LB	TERM, VIDEO, W/P4Ø TUBE	-	-	-	-	-	1	-	-	-	-	-	
24		VT1ØØ-PA	VT1ØØ-AA EXCEPT DRAK GRAY 12ØV PRIVATE BRAND	-	-	-	-	-	-	1	-	-	-	-	
25		VT1ØØ-PB	VT1ØØ-AB EXCEPT DARK GRAY 24ØV PRIVATE BRAND	-	-	-	-	-	-	-	1	-	-	-	
26		VT1ØØ-PC	VT1ØØ-PA WITHOUT ELECTRONICS 12ØV PRIVATE BRAND	-	-	-	-	-	-	-	-	1	-	-	
27		VT1ØØ-PD	VT1ØØ-PB WITHOUT ELECTRONICS 24ØV PRIVATE BRAND	-	-	-	-	-	-	-	-	-	1	-	
28		VT1ØØ-PE	VT1ØØ-PA WITHOUT ELECTRONICS & NO KEYBOARD 12ØV PRIVATE BRAND	-	-	-	-	-	-	-	-	-	-	1	
29		VT1ØØ-PF	VT1ØØ-PB WITHOUT ELECTRONICS & NO KEYBOARD 24ØV PRIVATE BRAND	-	-	-	-	-	-	-	-	-	-	1	
30		EK-VT100-RC	VT100 PROGRAM REF CARD	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	

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	ASSY NO.
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SHEET 4 OF

**B**

INSERTION P

NUMBER  
VT100-0

DATA BASE REV

REV.  
F

10

DIGITAL EQUIPMENT CORPORATION PARTS LIST				QUANTITY / VARIATION										NOTES:			
ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	VT1ØØ-WJ	VT1ØØ-WA	VT1ØØ-WY	VT1ØØ-WZ	VT1ØØ-LA	VT1ØØ-LB	VT1ØØ-PA	VT1ØØ-PB	VT1ØØ-PC	VT1ØØ-PD	VT1ØØ-PE	VT1ØØ-PF		
1	EK-VT1ØØ-UG-001	EK-VT1ØØ-UG	GUIDE, USERS VT1ØØ	1	-	1	1	1	1	-	-	-	-	-	-	REF DESIGNATION	
2		3615741	LABEL, SETUP, VT1ØØ	-	-	-	-	1	1	-	-	-	-	-	-		
3		VT1ØØ-AA	TERM., VIDEO, W/115V PLUG	-	-	-	-	-	-	-	-	-	-	-	-		
4		VT1ØØ-AB	TERM., VIDEO, W/230V PLUG	-	-	-	-	-	-	-	-	-	-	-	-		
5		VT1ØØ-NA	TERM., VIDEO, DECFORM, W/115V PLUG	-	-	-	-	-	-	-	-	-	-	-	-		
6		VT1ØØ-NB	TERM., VIDEO, DECFORM, W/230V PLUG	-	-	-	-	-	-	-	-	-	-	-	-		
7		VT1ØØ-WA	TERM., VIDEO, WORD PROCESSING W/115V PLUG.	-	-	1	-	-	-	-	-	-	-	-	-		
8		VT1ØØ-WB	TERM., VIDEO, WORD PROCESSING, W/230V PLUG.	-	-	-	1	-	-	-	-	-	-	-	-		
9		A-SP-VT1ØØ-W-Ø	INSTALLATION NOTES, WORD PROCESSING TERMINAL.	1	-	1	1	-	-	-	-	-	-	-	-		
10		VT1ØØ-WC	TERM, VIDEO, FR. CANADIAN WP W/115V PLUG	-	-	-	-	-	-	-	-	-	-	-	-		
11		VT1ØØ-WD	TERM, VIDEO, FR. CANADIAN WP W/230V PLUG	-	-	-	-	-	-	-	-	-	-	-	-		
12		VT1ØØ-WE	TERM, VIDEO, FRENCH WP W/115V PLUG	-	-	-	-	-	-	-	-	-	-	-	-		
13		VT1ØØ-WF	TERM, VIDEO, FRENCH WP W/230V PLUG	-	-	-	-	-	-	-	-	-	-	-	-		
14		VT1ØØ-WG	TERM, VIDEO, DUTCH WP W/115V PLUG	-	-	-	-	-	-	-	-	-	-	-	-		
15		VT1ØØ-WH	TERM, VIDEO, DUTCH WP W/230V PLUG	-	-	-	-	-	-	-	-	-	-	-	-		
16		VT1ØØ-WJ	TERM, VIDEO, GERMAN WP W/115V PLUG	1	-	-	-	-	-	-	-	-	-	-	-		
17		VT1ØØ-WK	TERM, VIDEO, GERMAN WP W/230V PLUG	-	-	1	-	-	-	-	-	-	-	-	-		
18		VT1ØØ-WY	TERM, VIDEO, WP-W/115V PLUG	-	-	-	1	-	-	-	-	-	-	-	-		
O. NO.																	
E.C.O.																	
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				SHEET 3 OF 4				INSERTION PARTS LIST DATA BASE REV									

**DIGITAL EQUIPMENT CORPORATION  
PARTS LIST**

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

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MADE BY	D. HEALY	CHECKED DATE	D. HEALY	SECTION
DATE	14-JUN-78	DATE	14-JUN-78	A <sup>1</sup>
ENG DATE	E. WEDEKING	PROD DATE	K. HOFFMAN	ISSUED SECTION
	10-JUL-78		10-JUL-78	A <sup>2</sup>

ITEM NO.	DRAWING NO.	PART NO.	DESCRIPTION	QUANTITY / VARIATION										NOTES:		
				VT1ØØ-AA	VT1ØØ-AB	VT1ØØ-NA	VT1ØØ-NB	VT1ØØ-WA	VT1ØØ-WB	VT1ØØ-WC	VT1ØØ-WD	VT1ØØ-WE	VT1ØØ-WF	VT1ØØ-WG	VT1ØØ-WH	
1	EK-VT1ØØ-UG-001	EK-VT1ØØ-UG	GUIDE, USERS VT1ØØ	1	1	1	1	1	1	1	1	1	1	1	1	
2		3615741	LABEL, SET-UP, VT1ØØ	1	1	1	1	1	1	-	-	-	-	-		
3		VT1ØØ-AA	TERM., VIDEO, W/115V PLUG	1	-	-	-	-	-	-	-	-	-	-		
4		VT1ØØ-AB	TERM., VIDEO, W/23ØV PLUG	-	1	-	-	-	-	-	-	-	-	-		
5		VT1ØØ-NA	TERM., VIDEO, DECFORM,W/115V PLUG	-	-	1	-	-	-	-	-	-	-	-		
6		VT1ØØ-NB	TERM., VIDEO, DECFORM,W/23ØV PLUG	-	-	-	1	-	-	-	-	-	-	-		
7		VT1ØØ-WA	TERM., VIDEO, WORD PROCESSING, W/115V PLUG.	-	-	-	-	1	-	-	-	-	-	-		
8		VT1ØØ-WB	TERM., VIDEO, WORD PROCESSING, W/230V PLUG.	-	-	-	-	-	1	-	-	-	-	-		
9		A-SP-VT1ØØ-W-Ø		INSTALLATION NOTES, WORD PROCESSING TERMINAL.	-	-	-	-	1	1	1	1	1	1		
10		VT1ØØ-WC	TERM, VIDEO, FR. CANADIAN WP W/ 115V PLUG	-	-	-	-	-	-	1	-	-	-	-		
11		VT1ØØ-WD	TERM, VIDEO, FR. CANADIAN WP W/ 230V PLUG	-	-	-	-	-	-	-	1	-	-	-		
12		VT1ØØ-WE	TERM, VIDEO, FRENCH WP W/115V PLUG	-	-	-	-	-	-	-	-	1	-	-		
13		VT1ØØ-WF	TERM, VIDEO, FRENCH WP W/230V PLUG	-	-	-	-	-	-	-	-	-	1	-		
14		VT1ØØ-WG	TERM, VIDEO, DUTCH,WP W/115V PLUG	-	-	-	-	-	-	-	-	-	-	1		
15		VT1ØØ-WH	TERM, VIDEO, DTUCH,WP W/230V PLUG	-	-	-	-	-	-	-	-	-	-	1		
16		VT1ØØ-WJ	TERM, VIDEO, GERMAN WP W/115V PLUG	-	-	-	-	-	-	-	-	-	-	-		
17		VT1ØØ-WK	TERM, VIDEO, GERMAN WP W/230V PLUG	-	-	-	-	-	-	-	-	-	-	-		
18		VT1ØØ-WY	TERM, VIDEO, WP W/115V PLUG	-	-	-	-	-	-	-	-	-	-	-		

ECO. NO.	MIL032
MIL037	ML042
VT1ØØ-	ML042

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TITLE  
SHIPPING LIST VT1ØØ

ASSY NO.         

SIZE **B**  
CODE **PL**

NUMBER  
**VT1ØØ-Ø**

REV.  
**F**

SHEET **1** OF **4**

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