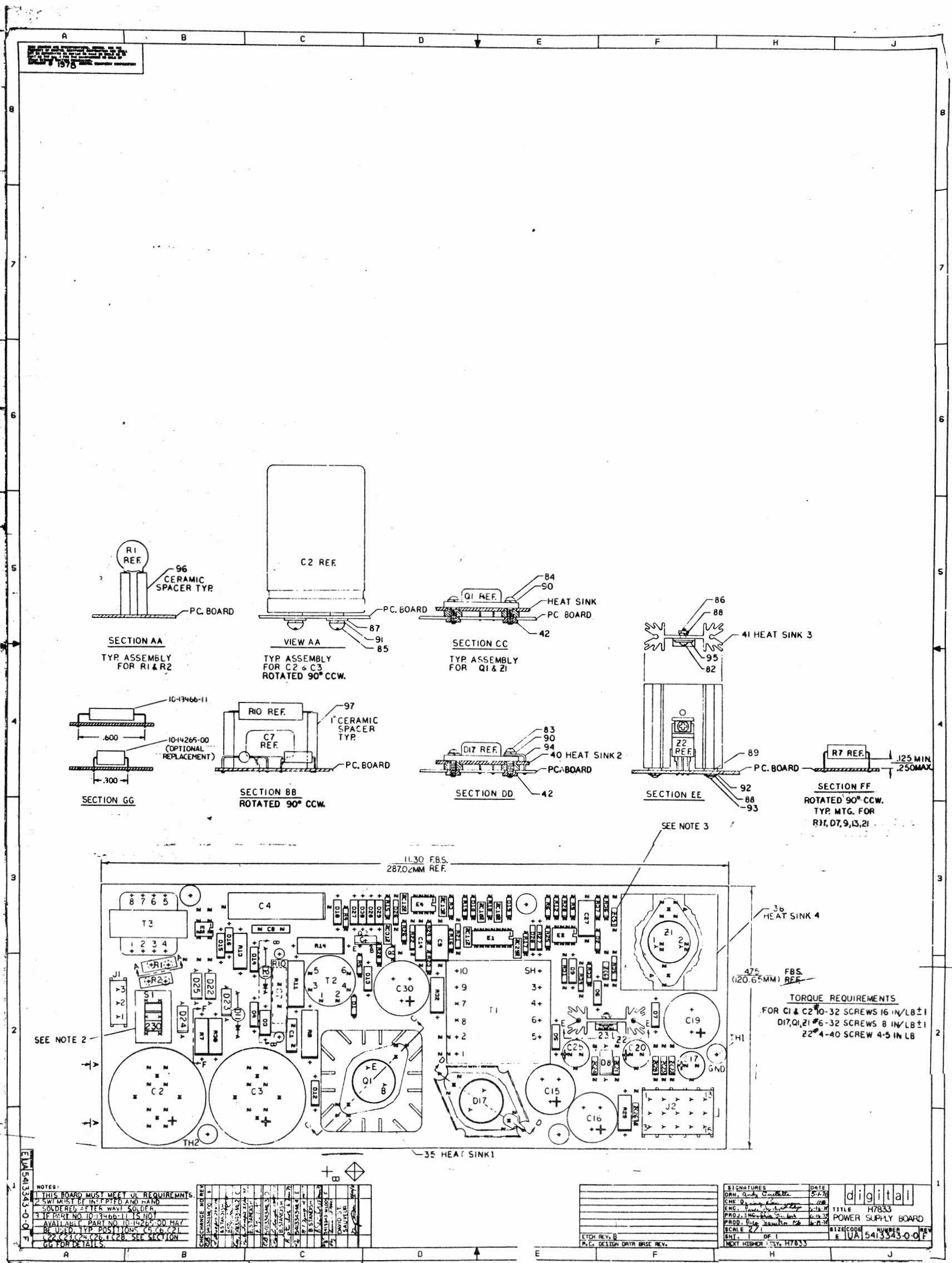




SEE NOTE 2

SEE NOTE 3

NOTES:
1. THIS BOARD MUST MEET UL REQUIREMENTS.
2. SWIM MUST BE INSTALLED AND HAND
SOLDERED AFTER WAVE SOLDER.
3. IF PART NO. 10-13466-11 IS NOT
AVAILABLE, PART NO. 10-14265-00 MAY
BE USED. TYP. POSITION: C5, C6, C21,
C22, C23, C24, C26, C28. SEE SECTION
GG FOR DETAILS.

DATE	5-7-78
DRN	A. J. C. C. C. C.
CHK	D. J. C. C. C.
ENG	J. J. C. C. C.
PROJ	J. J. C. C. C.
SCALE	2:1
ENT	1 OF 1
TEXT NUMBER	7514 H7833

ETCH REV	B
P.C. DESIGN DATA BRSE REV	

SIGNATURES	DATE	digital
DRN	5-7-78	
CHK		
ENG		
PROJ		
SCALE	2:1	
ENT	1 OF 1	
TEXT NUMBER	7514 H7833	

TORQUE REQUIREMENTS
FOR C1 & C2 10-32 SCREWS 16 IN/LB ± 1
D17, Q1, Z1 6-32 SCREWS 8 IN/LB ± 1
Z2 4-40 SCREW 4-5 IN/LB

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					NO		
1	1	0-ND-5013342-0-0	5013342-00	RXT11 POWER SUPPLY	1		
2	2		1000009-00	33.0 MMF 100V 5%200PPM DM15S	1		C13
3	3		1000042-00	1000.0 MMF 100V 5%200PPM DM15S	3		C10,C11,C18
4	4		1000026-00	680.0 MMF 100V 5%200PPM DM15S	1		C31
5	5		1000001-00	8200.0 MMF 100V 10% 6630V MYLR	1		C14
6	6		1001610-01	.01 MFD 100V -20+80 Z5U DISC	2		C12,C29
7	7		1005507-00	1 MFD 100V E% 30D AL EL	1		C9
8	8		1005784-00	.01 MFD 100V 10% 663VW MYLR	1		C27
9	9		1011847-01	.01 MFD 400V 10% POLYPROP	1		C8
10	10		1011847-02	.01 MFD 600V 10% POLYPROP	1		C7
11	11		1011849-01	600. MFD 25V G%500D AL EL	1		C4
12	12		1012607-00	560 MFD 20V H% 672D AL EL	2		C17,C25
13	13		1012744-00	590 MFD 200V E% 36D AL EL	2		C2,C3
14	14		1013280-00	680.0 MMF1000V 5%200PPM	1		C1
15	15		1013466-11	.22 MFD 50V +80/-20% CER.	8		C5,C6,C21-C24,C26,C28
16	16		1013485-00	680 MFD 12V H% 672D AL EL	1		C20
17	17		1014070-00	680 MFD 40V H% 673D AL EL	1		C19
18	18		1015255-00	1600 MFD 40V +75-10% AL EL	1		C30
19	19		1015466-00	8000 MFD 6.3V +75-10% AL EL	2		C15,C16
20	20		1100114-00	D 664 QS\75PCB PIV= 25V SP	2		D18,D19
21	21		1100125-00	1N 758A VZ= 10.0 5% .40W PPE	1		D26
22	22		1105796-00	1N 4004 PIV=400 I= 1A D041 SP	2		D1,D2
23	23		1105873-00	405-1AZ1 VZ= 5.1 1% .400W	1		D20
24	24		1110420-00	1N 5624 PIV=200 I= 5A	1		D8
25	25		1112594-02	A115M PIV=600 I= 3A	2		D11,D21
26	26		1112595-01	A114B PIV=200 I= 1A	10		D5,D6,D10,D14=D16,D27-D30
27	27		1112595-02	A114M PIV=600 I= 1A	2		D4,D12
28	28		1113123-00	1.5K3200 VOLT.TRANS.SUPPRESS. 220	1		D3
29	29		1114781-00	UES601 PIV=50 I=30A	1		D17
30	30		1114893-00	UES1301 PIV= 50 I= 6A	1		D7

REVISION HISTORY			BASIC PART NO: 5413343			DRN: LISE GRAHM			DATE: 24-MAR-78			D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A			CHK'D: T. SHETRAWSKI			DATE: 18-MAY-78			TITLE PARTS LIST			
---	INIT	A	SECTION VARIATION INDEX			DES.ENG: BRUCE STANDISH			DATE: 7-JUN-78			H7833 POWER SUPPLY BOARD			
B.S	5413343-ML001	B	(A) 00			RESP.ENG.: BRUCE STANDISH			DATE: 24-MAR-78			DOCUMENT NUMBER			
B.S	5413343-ML002	C	(B)			MFG.ENG.: RALPH HAMILTON			DATE: 7-JUN-78			K	PL	5413343-0-DBP	E
B.S	5413343-ML003	D	(C)			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			FILE NAME:			EDIT #
B.S	5413343-ML004	E	(D)			ID-UA-5413343-0-0			H7833			Z0245E.PLS			17
			(E)												
			(F)												
			(G)												
			(H)												
			(I)												
			(J)												
			(K)												
			(L)												
			(M)												
			(N)												

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LINE ITEM		DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
31	31		1115182-00	1N 5626 PIV=600 I= 3A	4	D22-D25
32	32		1115272-00	UES1303 PIV=150 I=6A	1	D9
33	33		1115273-00	UES 1304 RECTIFIER 200V 6A	1	D13
34	34		1115369-00	VM 18 PIV=100 I=1A	1	E3
35	35		1210012-04	HT SINK W/HOLES	1	HS1
36	36		1211987-03	HEAT SINK	1	HS4
37	37		1212297-03	MATE-N-LOK 3PIN UNIV HEADER	1	J1
38	38		1212297-04	MATE-N-LOK 15PIN UNIV HEADER	1	J2
39	39		1215340-00	SW,SLIDE 2P 3A DPDT,FLUSH AC	1	S1
40	40		1213426-03	HEAT SINK TO-3 1"HIGH	1	HS2
41	41		1213921-01	HEAT SINK,TAB MNT SEMI 1.5" HIGH	1	HS3
42	42		1214789-00	INSERT,THREADED 6-32 ,BRASS,ELEC	6	
43	43		1300219-00	68 1/4W 5% CC	1	R3
44	44		1300288-00	270 2W 10% CC	1	R14
45	45		1300295-00	330 1/4W 5% CC	2	R5,R15
46	46		1300298-00	330 1W 10% CC	1	R13
47	47		1300365-00	1 K 1/4W 5% CC	5	R23,R25,R26,R36,R4
48	48		1300447-00	4.7 K 1/4W 5% CC	1	R17
49	49		1300479-00	10 K 1/4W 5% CC	1	R20
50	50		1301392-00	1 K 2W 10% CC	1	R8
51	51		1302395-00	56 K 1/4W 5% CC	1	R24
52	52		1302514-00	39 K 1/4W 5% CC	1	R16
53	53		1303114-00	1.0 K 1/4W 1% RN55D-F 100PPM	2	R31,R34
54	54		1304856-00	4.64 K 1/4W 1% RN55D-F 100PPM	1	R22
55	55		1305123-00	215 1/4W 1% RN55D-F 100PPM	1	R21
56	56		1305125-00	383 1/4W 1% RN55D-F 100PPM	1	R28
57	57		1305265-00	39.2 K 1/4W 1% RN55D-F 100PPM	1	R19
58	58		1305428-00	*** THIS ITEM IS NOT USED ***	-	
59	59		1309418-00	24.3 K 1/4W 1% RN55D-F 100PPM	1	R18
60	60		1309422-00	5.1 1/4W 5% CC	1	R6
61	61		1309595-00	1 M 1/4W 5% CC	2	R9,R37
62	62		1309680-00	2.7 M 1/4W 5% CC	2	R12,R33
63	63		1313008-00	5.11 1/4W 1% RN55D-F 100PPM	1	R27
64	64		1313014-00	.01 3-3/4W 3% WW	1	R29
65	65		1313191-00	1 K 9W 5% WW	1	R10
66	66		1314270-00	5 15% THERMISTOR	2	R1,R2
67	67		1314350-00	1 2W 10% WW	1	R11
68	68		1314492-00	40.2 K 1/4W 1% RN55D-F 100PPM	1	R35
69	69		1315225-00	82 K 1W 5% CC	2	R7,R30
70	70		1315240-00	.1 3W 1% WW	1	R32
71	71		1510706-00	XA 55 PNP 500MW SI 60 50 P	1	Q3
72	72		1512782-00	NPN 100W S1325 15	1	Q1
73	73		1512790-00	D 44C11 NPN 30W SI 80 40	1	Q2
74	74		1612920-02	PULSE XFMR 30KHZ VT61	1	T2
75	75		1614778-00	XFMR P-AB S=6.00 100MA	1	T3
76	76		1615464-00	XFMR P=240-360V S=VARIABLE	1	T1
77	77		1910282-00	301AN OP AMP	1	E4
78	78		1912048-04	DEC 7812-04 VOLT,REG,FIX +1	1	Z1

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							H7833 POWER SUPPLY BOARD		K	PL	5413343-0-DBP	E

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
79	79		1912536-01	7805 VOLT.REG.FIX +	1	Z2
80	80		1914156-00	LM 393 VOLT.COMPARATOR DUAL	1	E2
81	81		1914392-00	556 TIMER=DUAL	1	E1
82	82		9006010-01	SCREW,PAN ,PHIL, 4-40X 5/16	1	
83	83		9006024-01	SCREW,PAN ,PHIL, 6-32X 1/2	2	
84	84		9006025-01	SCREW,PAN ,PHIL, 6-32X 5/8	4	
85	85		9000038-13	SCREW,PAN,PHIL, 10-32X 5/16 B	4	
86	86		9006556-00	NUT,HEX , 4-40X1/4 AF X 3/	1	
87	87		9009950-01	WASHER, FLAT, .438 O.D. X .203 I	4	
88	88		9006688-00	WASHER, LOCK, S.S. #4	3	
89	89		9006707-00	WASHER, NYLON, FLAT #6 .312 OD	2	
90	90		9007801-00	WASHER, LOCK, S.S. #6	6	
91	91		9007906-00	WASHER, LOCK S.S. #10	4	
92	92		9008172-00	WASHER, FLAT,SS .250 OD X .125 I	2	
93	93		9010089-00	SCREW,TAPPING,TYPE TT,PAN ,PHIL,	2	
94	94		9009676-00	TERM LUG 1POS SOLDER	1	
95	95		9009769-00	WASHER, RECTANGULAR .405X.225X.0	1	
96	96		9009798-00	SPACER, CERAMIC, .186 ODX,.078 ID	4	
97	97		9009798-02	SPACER, CERAMIC, .186 ODX,.078 ID	2	

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE!CODE!	DOCUMENT NUMBER	REV
							H7833 POWER SUPPLY BOARD		K PL	5413343-0-DBP	E

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NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL RESISTORS ARE 1/4WATT, 5%.
2. CHASSIS (POWER) GROUND AND SENSE GROUNDS ARE CONNECTED TOGETHER AT THE SUPPLIES OUTPUT (INTERFACE) CONNECTIONS.

REV.	DATE	BY	CHK
1	11/13/78	B	B
2	11/13/78	B	B
3	11/13/78	B	B
4	11/13/78	B	B
5	11/13/78	B	B
6	11/13/78	B	B
7	11/13/78	B	B
8	11/13/78	B	B

DRW. <i>[Signature]</i>	FIRST USED ON	H7833	digital
CHK'D <i>[Signature]</i>	TITLE	H7833 POWER SUPPLY BOARD	
ENG. <i>[Signature]</i>	PROJ. ENG. <i>[Signature]</i>	PROD. <i>[Signature]</i>	
NEXT HIGHER ASSY.			
D-5413343-0-0	SIZE	CODE	NUMBER
SCALE	D	CS	5413343-0-1
SHEET 1 OF 1	DIST.		

