

CKT ID	P/N	Description	Rating	Rating	Notes
A1		DBL BAL Mixer, SBL-1+			
C1	1500-00xx	Capacitor, Ceramic, 270pF	100V	NPO	
C10	1500-0040	Capacitor, Electrolytic, 1uF	50V		
C101	1500-0013	Capacitor, Ceramic, 1000pF	100V		
C102	1500-00xx	Capacitor, Ceramic, 82pF	50V	NPO	
C103	1500-00xx	Capacitor, Ceramic, 22pF	50V	NPO	
C104	1500-00xx	Capacitor, Ceramic, 22pF	50V	NPO	
C105	1500-00xx	Capacitor, Ceramic, 4.7pF	50V	NPO	
C106	1500-00xx	Capacitor, Ceramic, 47pF	50V	NPO	
C107	1500-00xx	Capacitor, Ceramic, .01uF	50V	NPO	
C108	1500-00xx	Capacitor, Ceramic, .01uF	50V	NPO	
C109	1500-0027	Capacitor, Film, .047uF	50V		
C11	1500-0017	Capacitor, Film, .0047uF	50V		
C110	1500-0027	Capacitor, Film, .047uF	50V		
C111	1500-0013	Capacitor, Ceramic, 1000pF	100V		
C112	1500-00xx	Capacitor, Ceramic, .01uF	50V	NPO	
C12	1500-0017	Capacitor, Film, .0047uF	50V		
C13	1500-0040	Capacitor, Electrolytic, 1uF	50V		
C14	1500-0031	Capacitor, Film, .01uF	50V		
C15					Removed with Rev. 1.01
C16	1500-0062	Capacitor, Electrolytic, 470uF	16V		
C17	1500-0044	Capacitor, Electrolytic, 4.7uF	25V		
C18	1500-0008	Capacitor, Ceramic, 100pF	100V		
C19	1500-0071	Capacitor, Electrolytic, 100uF	25V		
C2	1500-00xx	Capacitor, Ceramic, 820pF	100V	NPO	
C20	1500-0041	Capacitor, Electrolytic, 2.2uF	50V		
C21	1500-0062	Capacitor, Electrolytic, 470uF	16V		
C3	1500-00xx	Capacitor, Ceramic, 270pF	100V	NPO	
C4	1500-0062	Capacitor, Electrolytic, 470uF	16V		
C5	1500-0062	Capacitor, Electrolytic, 470uF	16V		
C6	1500-0040	Capacitor, Electrolytic, 1uF	50V		
C7	1500-0041	Capacitor, Electrolytic, 2.2uF	50V		
C8	1500-0017	Capacitor, Film, .0047uF	50V		
C9	1500-0017	Capacitor, Film, .0047uF	50V		
D101		Diode, Varactor, BB910, TO92			

D102		Diode, Varactor, BB910, TO92			
D103	4800-0003	Diode, Switching, 1N4148			
D4	4800-0053	Diode, Zener, 1N753A	6.2V	400mW	
D6	4800-0003	Diode, Switching, 1N4148			
D7	4800-0003	Diode, Switching, 1N4148			
L1		1.7 uH, T50-2 Core, 18 turns			
L101		Inductor, RFC, 470uH			
L102		6.7 uH, T68-7 Core, 36 turns, Tapped @ 9 turns			
L2		1.7 uH, T50-2 Core, 18 turns			
Q1	4800-0058	Transistor, PNP, 2N5087, TO92			
Q101	4800-00xx	Transistor, JFET, 2N5486, TO92			
Q102	4800-0022	Transistor, PNP, 2N3906, TO92			
Q103	4800-0039	Transistor, NPN, 2N3904, TO92			
Q2	4800-0089	Transistor, NPN, MPSW06, TO92H			
Q3	4800-0090	Transistor, PNP, MPSW56, TO92H			
R1	4703-0001	Resistor, 49.9 Ohm	1/4W	1%	
R10	4703-00xx	Resistor, 39.2 kOhm	1/4W	1%	
R101	4702-0038	Resistor, 27k Ohm	1/4W	5%	
R102	4702-0027	Resistor, 3.3k Ohm	1/4W	5%	
R103	4702-0023	Resistor, 100k Ohm	1/4W	5%	
R104	4702-0032	Resistor, 8.2k Ohm	1/4W	5%	
R105		Space Left Open on Board			
R106	4702-0033	Resistor, 10k Ohm	1/4W	5%	
R107	4702-0032	Resistor, 10k Ohm	1/4W	5%	
R108	4702-0017	Resistor, 330 Ohm	1/4W	5%	
R109	4702-0011	Resistor, 75 Ohm	1/4W	5%	
R11	4703-00xx	Resistor, 10.5 kOhm	1/4W	1%	
R110	4702-0020	Resistor, 560 Ohm	1/4W	5%	
R111	4711-00xx	Resistor, 75 Ohm	1/2W	5%	
R112	4703-0001	Resistor, 49.9 Ohm	1/4W	1%	
R113	4702-0034	Resistor, 11 kOhm	1/4W	5%	
R12	4703-00xx	Resistor, 10.5 kOhm	1/4W	1%	
R13	4703-00xx	Resistor, 66.5 kOhm	1/4W	1%	
R14	4703-00xx	Resistor, 39.2 kOhm	1/4W	1%	
R15	4702-0037	Resistor, 22 kOhm	1/4W	5%	
R16	4702-0037	Resistor, 22 kOhm	1/4W	5%	

R17	4702-0026	Resistor, 2.2 kOhm	1/4W	5%	
R18	4702-0013	Resistor, 180 Ohm	1/4W	5%	
R19	4702-0019	Resistor, 470 Ohm	1/4W	5%	
R2	4702-0029	Resistor, 4.7 kOhm	1/4W	5%	
R20	4702-0001	Resistor, 1 Ohm	1/4W	5%	
R21	4702-0023	Resistor, 1k Ohm	1/4W	5%	
R22	4702-0023	Resistor, 100k Ohm	1/4W	5%	
R23	4702-0019	Resistor, 470 Ohm	1/4W	5%	Added Rev. 1.01
R24	4702-0008	Resistor, 47 Ohm	1/4W	5%	Added Rev. 1.01
R3	4702-0029	Resistor, 4.7 kOhm	1/4W	5%	
R4	4702-0019	Resistor, 470 Ohm	1/4W	5%	
R5	4702-0006	Resistor, 33 Ohm	1/4W	5%	
R6	4702-0006	Resistor, 33 Ohm	1/4W	5%	
R7	4703-00xx	Resistor, 19.1 kOhm	1/4W	1%	
R8	4703-00xx	Resistor, 19.1 kOhm	1/4W	1%	
R9	4703-00xx	Resistor, 28.7 kOhm	1/4W	1%	
U1	3140-0039	Op Amp, JFET, TL082, DIP			
U2	3140-0039	Op Amp, JFET, TL082, DIP			
		Potentiometer, Linear, 10 kOhms			VFO Tune Control
		Potentiometer, Audio, 100 kOhms			Audio Volume Control