

**SPARROW - Compact Bass Treble Board with Gain Control - List of Parts**

No.	Description	References	Value	Quantity Per PCB
1	Electrolytic Capacitor	C4 C5 C6 C7	10uf 50v	4
2	Electrolytic Capacitor	C1 C8	22uf 50v	2
3	Polyester Capacitor	C11 C12	102 / 1nf	2
4	Ceramic / Tantalum Capacitor	C13	104 / 100nf	1
5	Polyester Capacitor	C2 C3	472 / 4.7nf	2
6	Polyester Capacitor	C9 C10	473 / 47nf	2
7	1 Amp General Purpose Diode	D1	1N4007	1
8	12v DC Connector	J2	GND +12v	1
9	Signal Input Connector	J1	L G R in	1
10	Signal Output Connector	J3	L G R Out	1
11	0 Ω Resistor / Wire Jumper	R21 R22 R23 R24 R25	0	5
12	1/4w Resistor	R17 R18	100	2
13	1/4w Resistor	R1 R2	1k	2
14	1/4w Resistor	R3 R4 R5 R6 R14 R15	4K7	6
15	1/4w Resistor	R7 R8 R9 R10 R11 R12	10K	6
16	1/4w Resistor	R13 R20	100k	2
17	1/4w Resistor	R16 R19	220k	2
18	Gain Presets	RV2 RV3	10K	2
19	Bass / Treble Pots	RV4 RV5	100K	2
20	Volume Pot	RV1	22K / 10K	1
21	NE5532 / JRC4558 Op-Amp	U1 U2	NE5532	2

**Compact Stereo Bass Treble with Gain control ( version 4 )**

