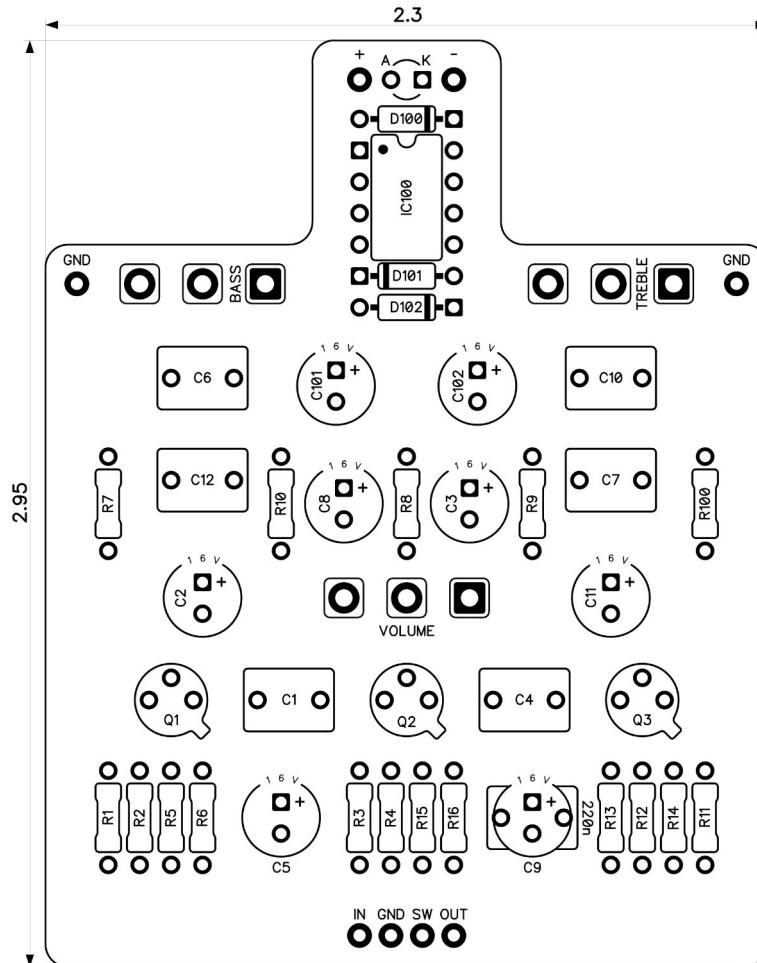


PedalPCB

Powersound Boost

Revised 8/15/23



CONTROLS AND FEATURES

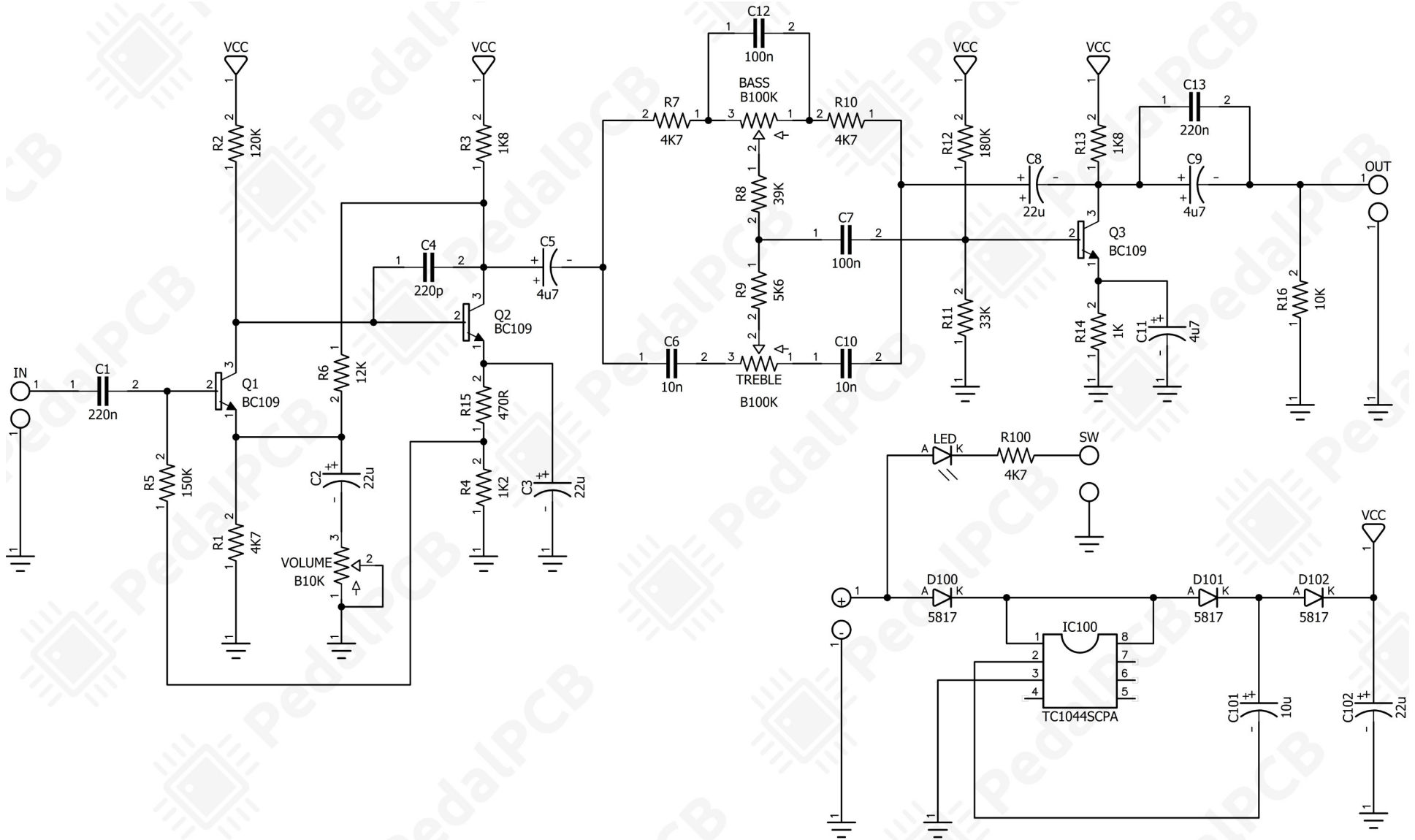
- Treble
- Bass
- Volume

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LOCATION	VALUE	TYPE	NOTES
R1	4K7	Resistor, 1/4W	
R2	120K	Resistor, 1/4W	
R3	1K8	Resistor, 1/4W	
R4	1K2	Resistor, 1/4W	
R5	150K	Resistor, 1/4W	
R6	12K	Resistor, 1/4W	
R7	4K7	Resistor, 1/4W	
R8	39K	Resistor, 1/4W	
R9	5K6	Resistor, 1/4W	
R10	4K7	Resistor, 1/4W	
R11	33K	Resistor, 1/4W	
R12	180K	Resistor, 1/4W	
R13	1K8	Resistor, 1/4W	
R14	1K	Resistor, 1/4W	
R15	470R	Resistor, 1/4W	
R16	10K	Resistor, 1/4W	
R100	4K7	Resistor, 1/4W	* LED current limiting resistor
C1	220n	Film capacitor, 7.2 x 5.0mm	
C2	22u	Electrolytic capacitor, 5mm	
C3	22u	Electrolytic capacitor, 5mm	
C4	220p	Ceramic capacitor	
C5	4u7	Electrolytic capacitor, 5mm	
C6	10n	Film capacitor, 7.2 x 2.5mm	
C7	100n	Film capacitor, 7.2 x 2.5mm	
C8	22u	Electrolytic capacitor, 5mm	
C9	4u7	Electrolytic capacitor, 5mm	
C10	10n	Film capacitor, 7.2 x 2.5mm	
C11	4u7	Electrolytic capacitor, 5mm	
C12	100n	Film capacitor, 7.2 x 2.5mm	
C13	220n	Film capacitor, 7.2 x 5.0mm	
C101	10u	Electrolytic capacitor, 5mm	
C102	22u	Electrolytic capacitor, 5mm	
D100	1N5817	Schottky diode, DO-41	
D101	1N5817	Schottky diode, DO-41	
D102	1N5817	Schottky diode, DO-41	
IC100	TC1044SCPA	Charge pump IC, DIP8	
Q1	BC109	BJT transistor, NPN TO-18	
Q2	BC109	BJT transistor, NPN TO-18	
Q3	BC109	BJT transistor, NPN TO-18	
TREBLE	B100K	16mm right-angle PCB mount pot	
BASS	B100K	16mm right-angle PCB mount pot	
VOLUME	B10K	16mm right-angle PCB mount pot	

Powersound Boost

Schematic Diagram





Powersound Boost

Drill Template
125B Enclosure

