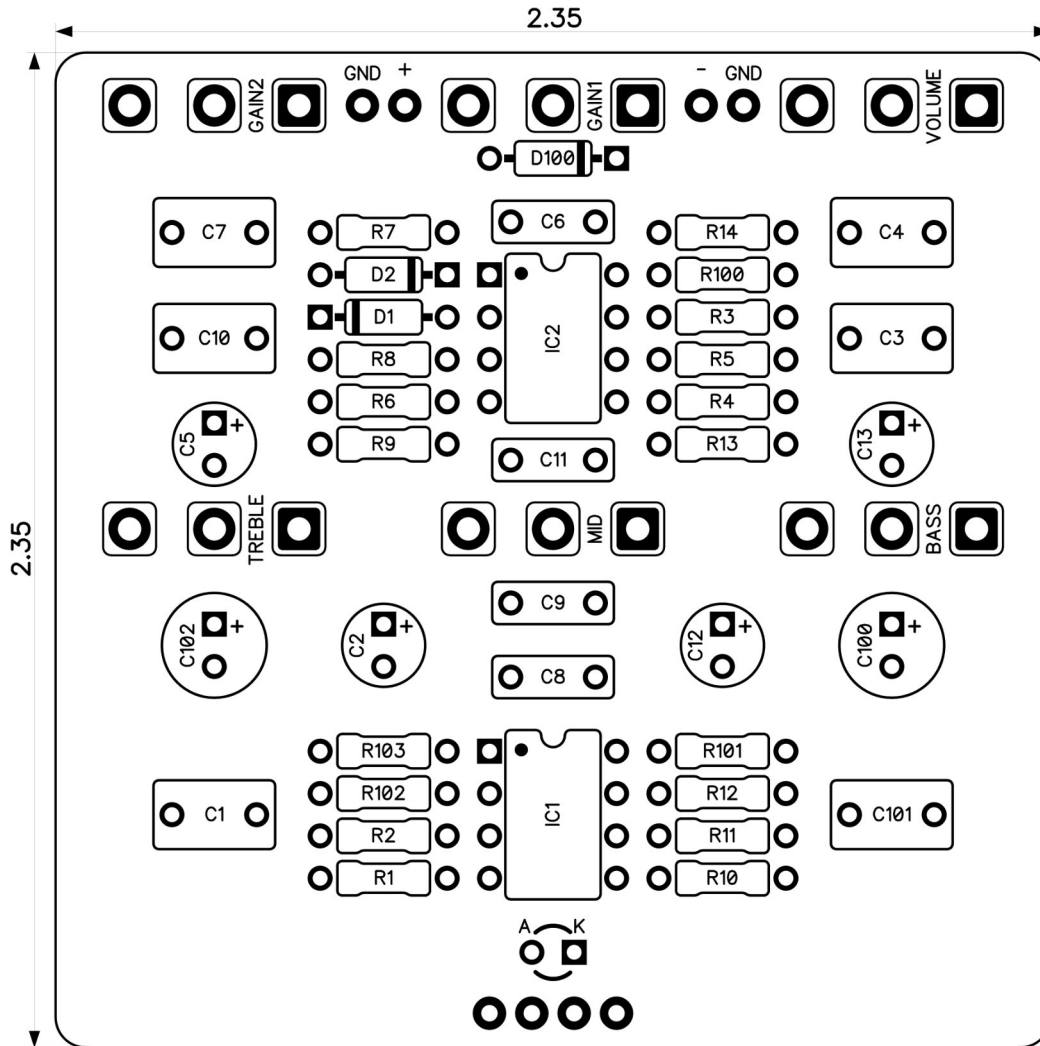




Plaid Preamp

Revised 10/28/22



CONTROLS AND FEATURES

- Volume
- Gain 1
- Gain 2
- Bass
- Mid
- Treble

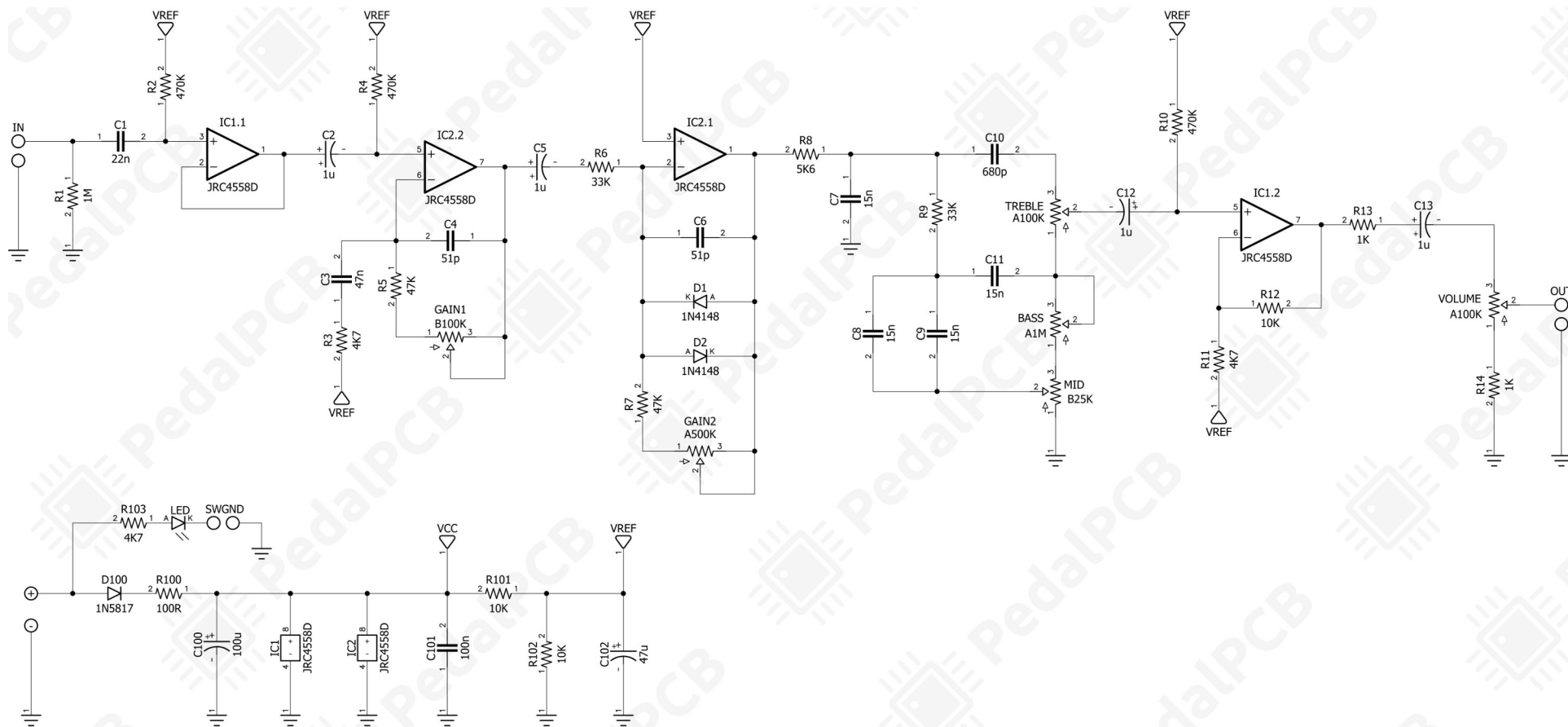
All trademarks and registered trademarks are the property of their respective owners. The company, product, and service names used in this web site are for identification purposes only. Use of these names, logos, and brands does not imply endorsement.

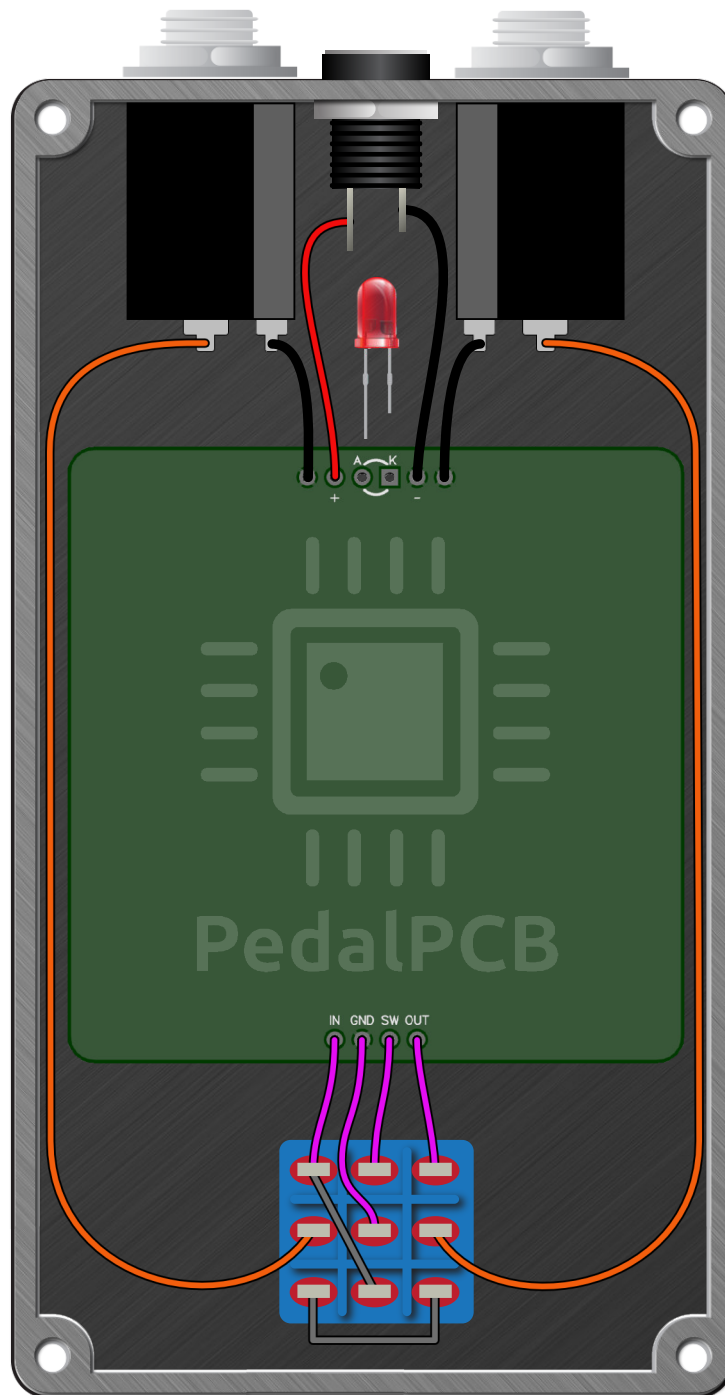
LOCATION	VALUE	TYPE	NOTES
R1	1M	Resistor, 1/4W	
R2	470K	Resistor, 1/4W	
R3	4K7	Resistor, 1/4W	
R4	470K	Resistor, 1/4W	
R5	47K	Resistor, 1/4W	
R6	33K	Resistor, 1/4W	
R7	47K	Resistor, 1/4W	
R8	5K6	Resistor, 1/4W	
R9	33K	Resistor, 1/4W	
R10	470K	Resistor, 1/4W	
R11	4K7	Resistor, 1/4W	
R12	10K	Resistor, 1/4W	
R13	1K	Resistor, 1/4W	
R14	1K	Resistor, 1/4W	
R100	100R	Resistor, 1/4W	
R101	10K	Resistor, 1/4W	
R102	10K	Resistor, 1/4W	
R103	4K7	Resistor, 1/4W	LED current limiting resistor
C1	22n	Film capacitor, 7.2 x 2.5mm	
C2	1u	Electrolytic capacitor, 5mm	
C3	47n	Film capacitor, 7.2 x 2.5mm	
C4	51p	Ceramic disc capacitor	
C5	1u	Electrolytic capacitor, 5mm	
C6	51p	Ceramic disc capacitor	
C7	15n	Film capacitor, 7.2 x 2.5mm	
C8	15n	Film capacitor, 7.2 x 2.5mm	
C9	15n	Film capacitor, 7.2 x 2.5mm	
C10	680p	Ceramic disc capacitor	
C11	15n	Film capacitor, 7.2 x 2.5mm	
C12	1u	Electrolytic capacitor, 5mm	
C13	1u	Electrolytic capacitor, 5mm	
C100	100u	Electrolytic capacitor, 5mm	
C101	100n	Film capacitor, 7.2 x 2.5mm	
C102	47u	Electrolytic capacitor, 5mm	
D1	1N4148	Signal diode, DO-35	
D2	1N4148	Signal diode, DO-35	
D100	1N5817	Schottky diode, DO-41	
IC1	JRC4558D	Dual op-amp, DIP8	
IC2	JRC4558D	Dual op-amp, DIP8	
VOLUME	A100K	16mm right-angle PCB mount pot	
GAIN1	B100K	16mm right-angle PCB mount pot	
GAIN2	A500K	16mm right-angle PCB mount pot	
BASS	A1M	16mm right-angle PCB mount pot	
MID	B25K	16mm right-angle PCB mount pot	
TREBLE	A100K	16mm right-angle PCB mount pot	



Plaid Preamp

Schematic Diagram





Plaid Preamp

Drill Template
125B Enclosure

