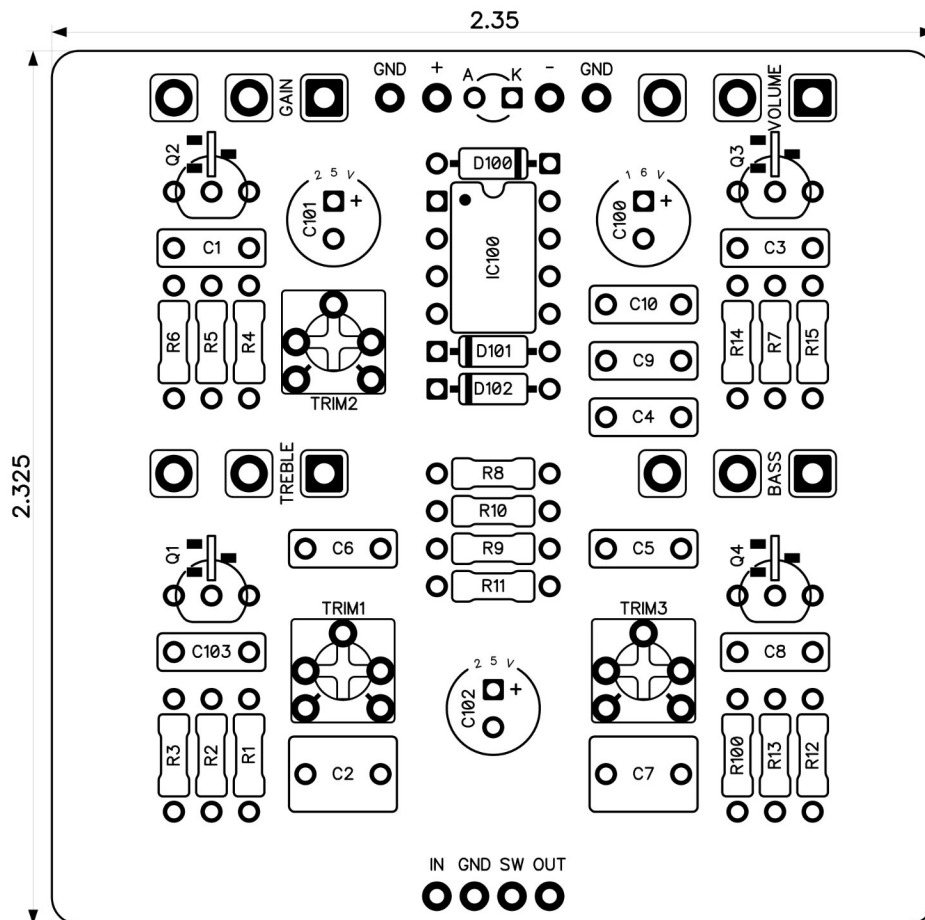


PedalPCB

Projectile Overdrive

Revised 7/27/23



CONTROLS AND FEATURES

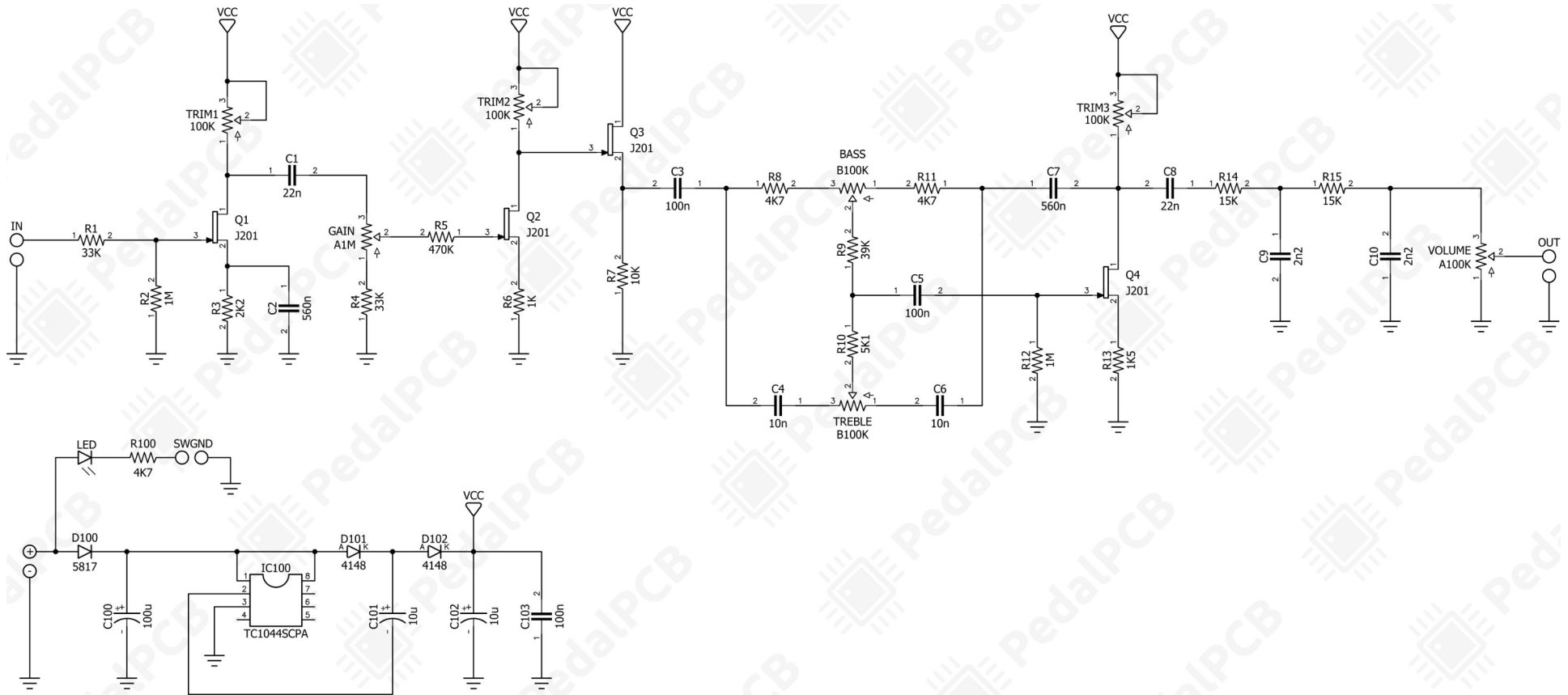
- Volume
- Gain
- Bass
- Treble

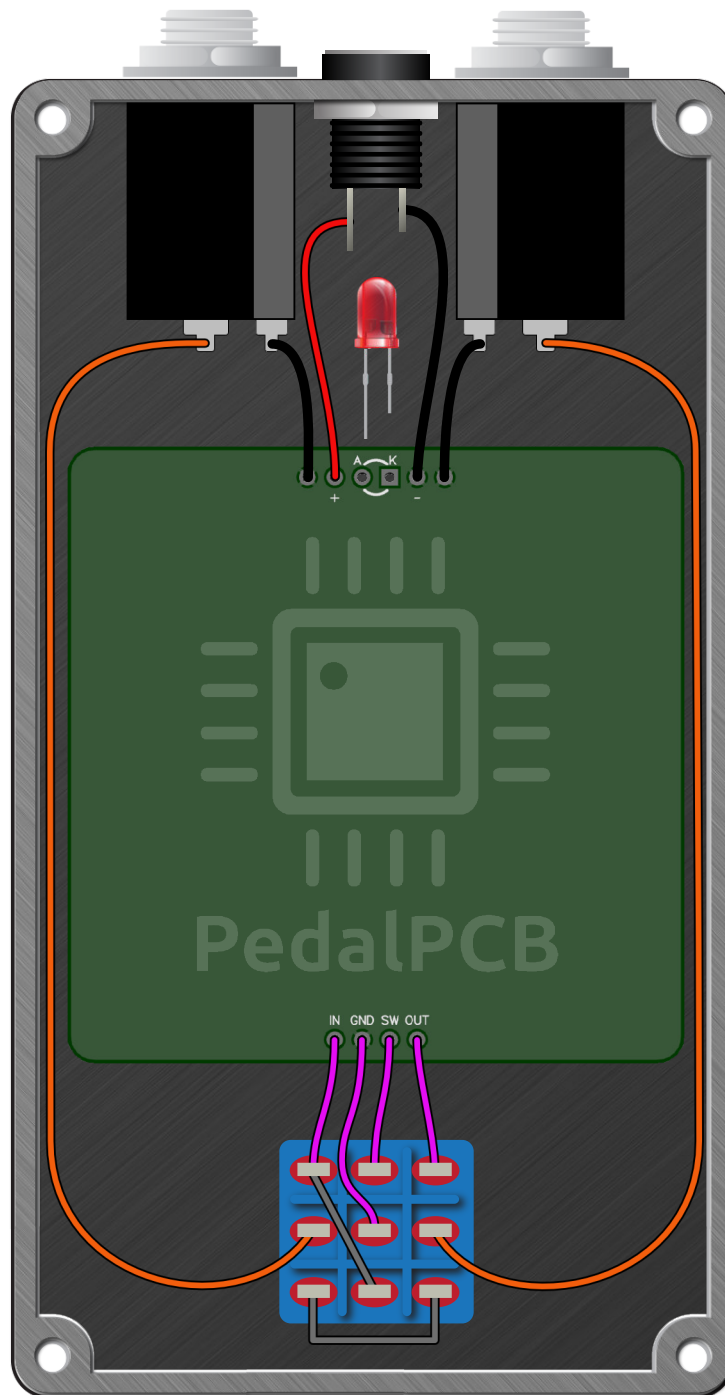
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LOCATION	VALUE	TYPE	NOTES
R1	33K	Resistor, 1/4W	
R2	1M	Resistor, 1/4W	
R3	2K2	Resistor, 1/4W	
R4	33K	Resistor, 1/4W	
R5	470K	Resistor, 1/4W	
R6	1K	Resistor, 1/4W	
R7	10K	Resistor, 1/4W	
R8	4K7	Resistor, 1/4W	
R9	39K	Resistor, 1/4W	
R10	5K1	Resistor, 1/4W	
R11	4K7	Resistor, 1/4W	
R12	1M	Resistor, 1/4W	
R13	1K5	Resistor, 1/4W	
R14	15K	Resistor, 1/4W	
R15	15K	Resistor, 1/4W	
R100	4K7	Resistor, 1/4W	* LED current limiting resistor
C1	22n	Film capacitor, 7.2 x 2.5mm	
C2	560n	Film capacitor, 7.2 x 5.0mm	
C3	100n	Film capacitor, 7.2 x 2.5mm	
C4	10n	Film capacitor, 7.2 x 2.5mm	
C5	100n	Film capacitor, 7.2 x 2.5mm	
C6	10n	Film capacitor, 7.2 x 2.5mm	
C7	560n	Film capacitor, 7.2 x 5.0mm	
C8	22n	Film capacitor, 7.2 x 2.5mm	
C9	2n2	Film capacitor, 7.2 x 2.5mm	
C10	2n2	Film capacitor, 7.2 x 2.5mm	
C100	100u	Electrolytic capacitor, 5mm	
C101	10u	Electrolytic capacitor, 5mm	 25V Minimum
C102	10u	Electrolytic capacitor, 5mm	 25V Minimum
C103	100n	Film capacitor, 7.2 x 2.5mm	
D100	1N5817	Schottky diode, DO-41	
D101	1N4148	Signal diode, DO-35	
D102	1N4148	Signal diode, DO-35	
Q1	J201	JFET transistor, N-channel	
Q2	J201	JFET transistor, N-channel	
Q3	J201	JFET transistor, N-channel	
Q4	J201	JFET transistor, N-channel	
IC100	TC1044SCPA	Charge pump IC, DIP8	
VOLUME	A100K	16mm right-angle PCB mount pot	
GAIN	A1M	16mm right-angle PCB mount pot	
BASS	B100K	16mm right-angle PCB mount pot	
TREBLE	B100K	16mm right-angle PCB mount pot	
TRIM1	100K	Trimmer potentiometer, 3362P type	
TRIM2	100K	Trimmer potentiometer, 3362P type	
TRIM3	100K	Trimmer potentiometer, 3362P type	

Projectile Overdrive

Schematic Diagram





Projectile Overdrive

Drill Template
125B Enclosure

