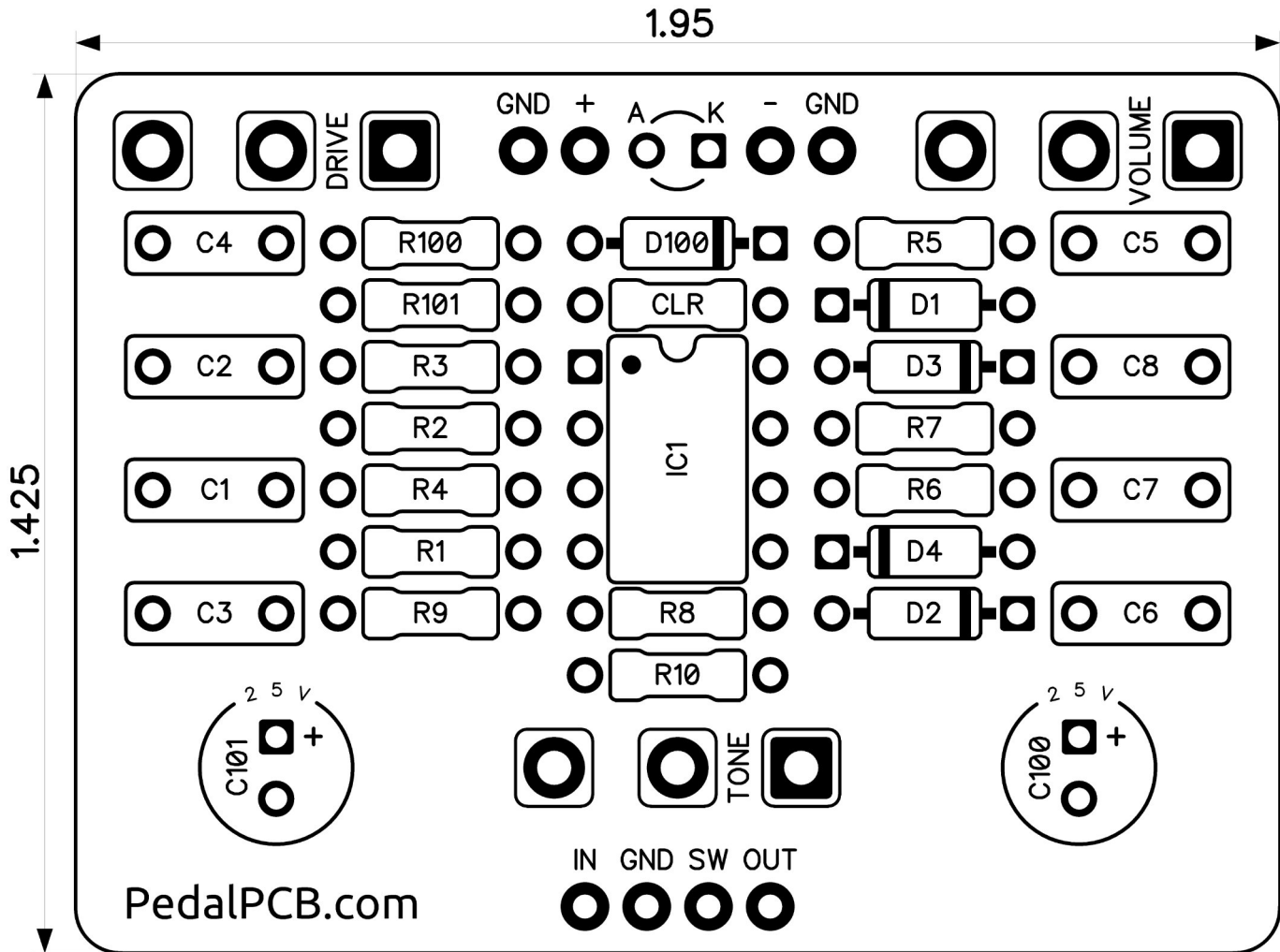




Blue Breaker Overdrive

Revised 6/18/25



CONTROLS AND FEATURES

- Volume
- Tone
- Drive

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LOCATION	VALUE	TYPE	NOTES
R1	2M2	Resistor, 1/4W	
R2	27K	Resistor, 1/4W	Alternate: 4K7
R3	33K	Resistor, 1/4W	Alternate: 3K3
R4	1M	Resistor, 1/4W	
R5	10K	Resistor, 1/4W	
R6	6K8	Resistor, 1/4W	
R7	220K	Resistor, 1/4W	
R8	1K	Resistor, 1/4W	
R9	6K8	Resistor, 1/4W	
R10	1M	Resistor, 1/4W	
R100	47K	Resistor, 1/4W	
R101	47K	Resistor, 1/4W	
CLR	4K7	Resistor, 1/4W	* LED current limiting resistor
C1	10n	Film capacitor, 7.2 x 2.5mm	
C2	10n	Film capacitor, 7.2 x 2.5mm	
C3	10n	Film capacitor, 7.2 x 2.5mm	
C4	47p	Ceramic capacitor	
C5	100n	Film capacitor, 7.2 x 2.5mm	
C6	10n	Film capacitor, 7.2 x 2.5mm	
C7	10n	Film capacitor, 7.2 x 5.0mm	
C8	100n	Film capacitor, 7.2 x 2.5mm	
C100	100u	Electrolytic capacitor, 5mm	
C101	100u	Electrolytic capacitor, 5mm	
D1	1N914	Signal diode, DO-35	
D2	1N914	Signal diode, DO-35	
D3	1N914	Signal diode, DO-35	
D4	1N914	Signal diode, DO-35	
D100	1N5817	Schottky diode, DO-41	
IC1	TL072	Dual op-amp, DIP8	
VOLUME	A100K	16mm right-angle PCB mount pot	
TONE	B25K	16mm right-angle PCB mount pot	
DRIVE	B100K	16mm right-angle PCB mount pot	

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Schematic Diagram

