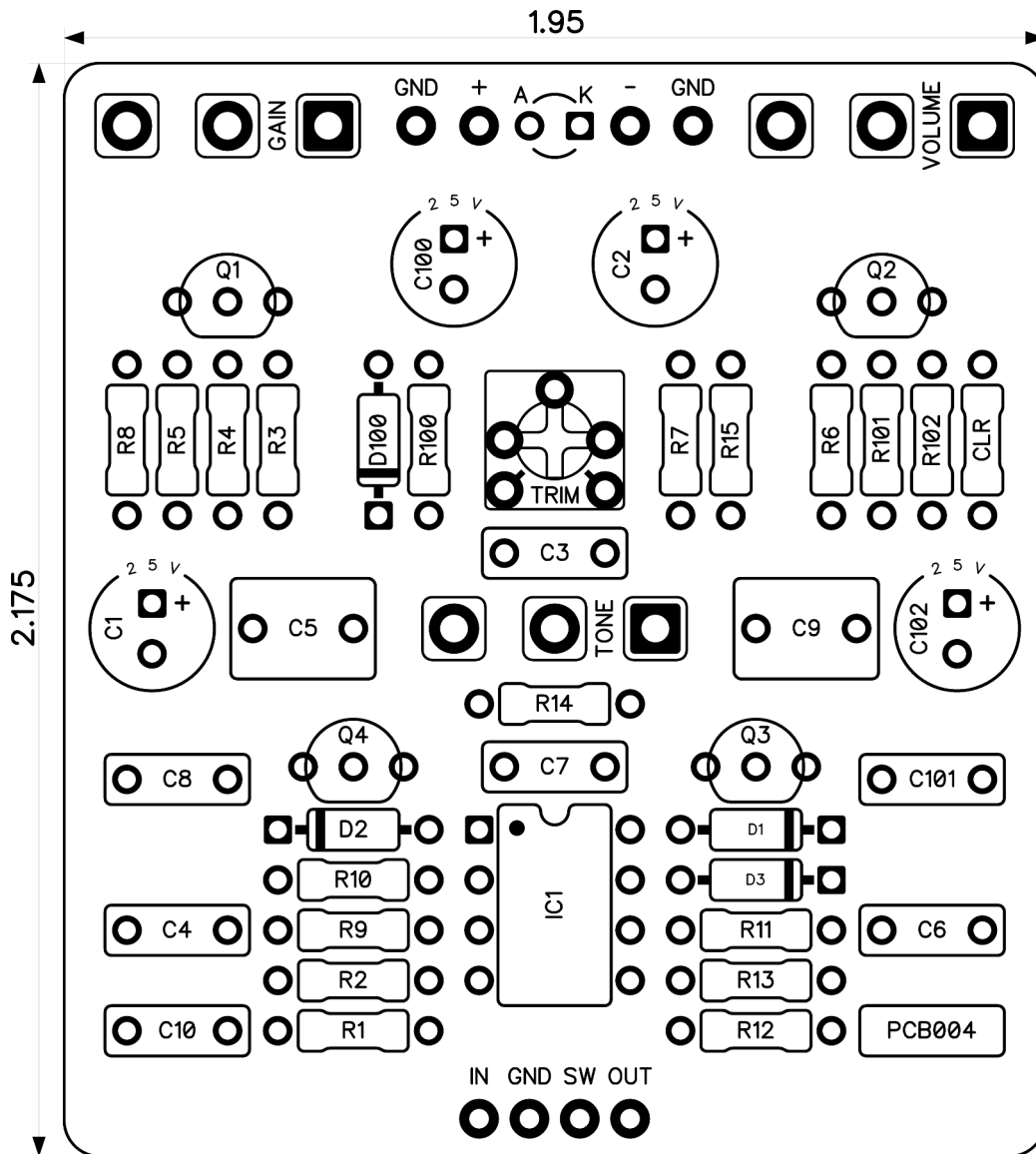




Grover Drive

Revised 3/14/24



CONTROLS AND FEATURES

- Volume
- Tone
- Gain

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LOCATION	VALUE	TYPE	NOTES
R1	1M	Resistor, 1/4W	
R2	33K	Resistor, 1/4W	
R3	33K	Resistor, 1/4W	
R4	100K	Resistor, 1/4W	
R5	1K	Resistor, 1/4W	
R6	1K	Resistor, 1/4W	
R7	470R	Resistor, 1/4W	
R8	47R	Resistor, 1/4W	
R9	120K	Resistor, 1/4W	
R10	82K	Resistor, 1/4W	
R11	4K7	Resistor, 1/4W	
R12	470K	Resistor, 1/4W	
R13	220K	Resistor, 1/4W	
R14	10K	Resistor, 1/4W	
R15	1K	Resistor, 1/4W	
R100	330R	Resistor, 1/4W	
R101	10K	Resistor, 1/4W	
R102	10K	Resistor, 1/4W	
CLR	4K7	Resistor, 1/4W	* LED current limiting resistor
C1	1u	Electrolytic capacitor, 5mm	
C2	22u	Electrolytic capacitor, 5mm	
C3	100n	Film capacitor, 7.2 x 2.5mm	
C4	100n	Film capacitor, 7.2 x 2.5mm	
C5	470n	Film capacitor, 7.2 x 5.0mm	
C6	100n	Film capacitor, 7.2 x 2.5mm	
C7	100p	Ceramic capacitor	
C8	3n3	Film capacitor, 7.2 x 2.5mm	
C9	470n	Film capacitor, 7.2 x 5.0mm	
C10	100n	Film capacitor, 7.2 x 2.5mm	
C100	100u	Electrolytic capacitor, 5mm	
C101	100n	Film capacitor, 7.2 x 2.5mm	
C102	47u	Electrolytic capacitor, 5mm	
D1	BAT46	Schottky diode, DO-35	
D2	1N34A	Germanium diode	
D3	BAT46	Schottky diode, DO-35	
D100	1N4148	Signal diode, DO-35	
Q1	2N3906	BJT transistor, PNP TO-92	
Q2	2N3906	BJT transistor, PNP TO-92	
Q3	2N7000	N-Channel MOSFET	
Q4	2N7000	N-Channel MOSFET	
IC1	NE5532	Dual op-amp, DIP8	
VOLUME	B100K	16mm right-angle PCB mount pot	
TONE	B50K	16mm right-angle PCB mount pot	
GAIN	C1K	16mm right-angle PCB mount pot	
TRIM	10K	Trimmer potentiometer, 3362P type	

Grover Drive

Schematic Diagram

