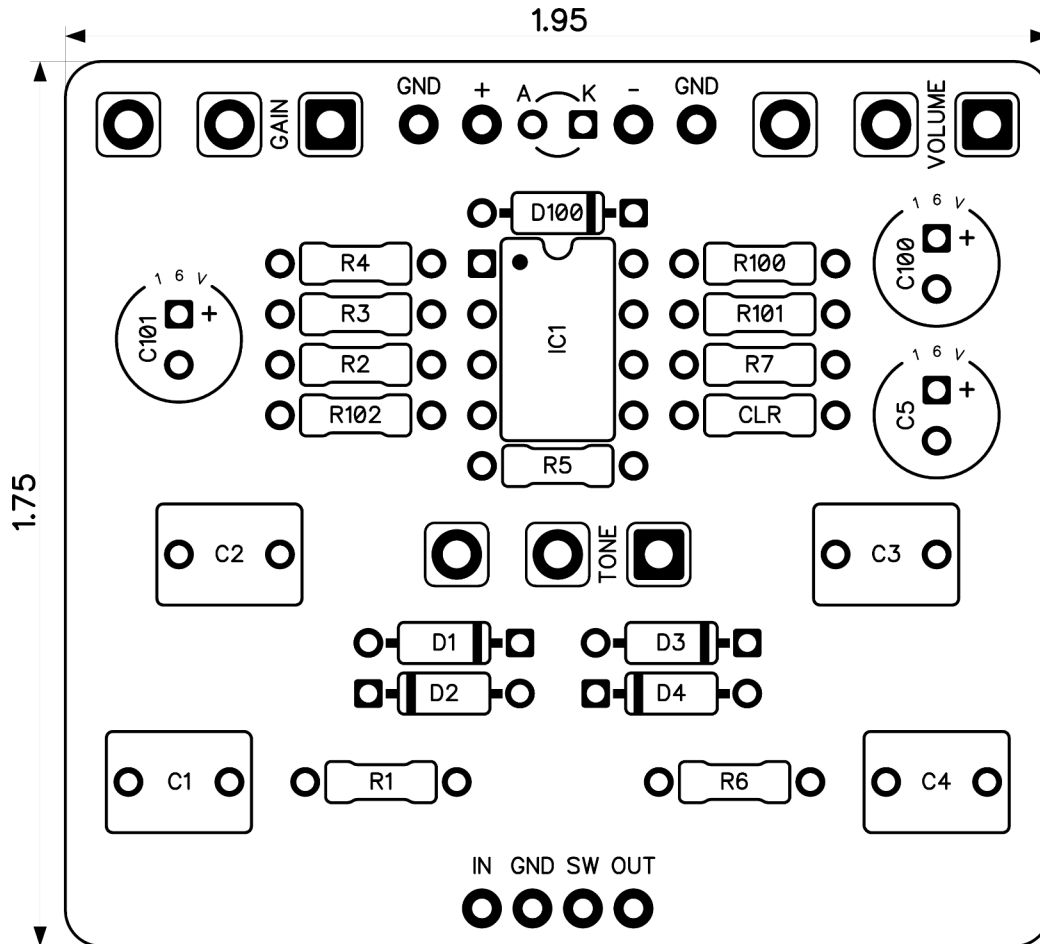


PedalPCB

Quacksalver Boost

Revised 8/16/23



CONTROLS AND FEATURES

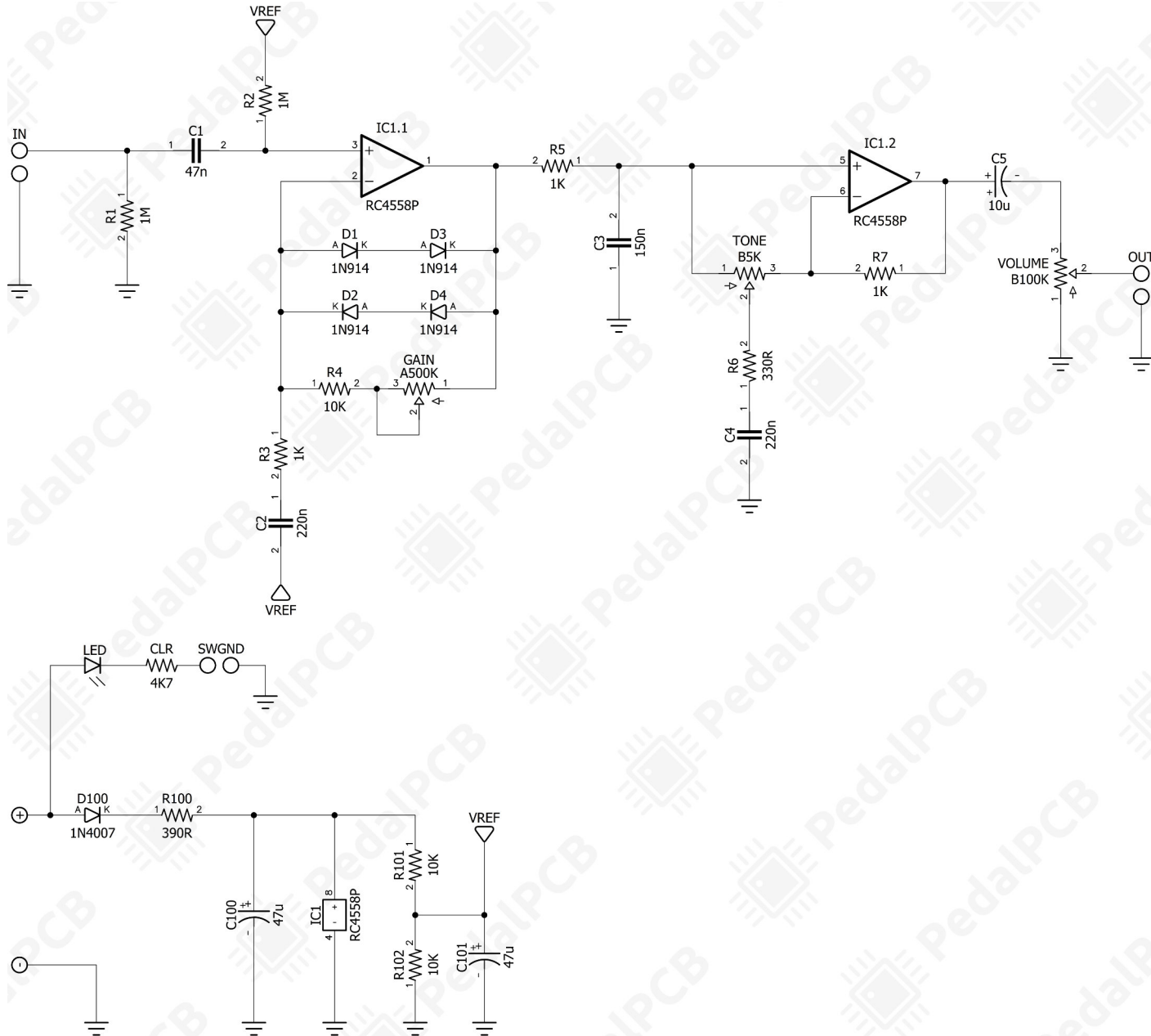
- Volume
- Tone
- Gain

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LOCATION	VALUE	TYPE	NOTES
R1	1M	Resistor, 1/4W	
R2	1M	Resistor, 1/4W	
R3	1K	Resistor, 1/4W	
R4	10K	Resistor, 1/4W	
R5	1K	Resistor, 1/4W	
R6	330R	Resistor, 1/4W	
R7	1K	Resistor, 1/4W	
R100	390R	Resistor, 1/4W	
R101	10K	Resistor, 1/4W	
R102	10K	Resistor, 1/4W	
CLR	4K7	Resistor, 1/4W	* <i>LED current limiting resistor</i>
C1	47n	Film capacitor, 7.2 x 2.5mm	
C2	220n	Film capacitor, 7.2 x 5.0mm	
C3	150n	Film capacitor, 7.2 x 5.0mm	
C4	220n	Film capacitor, 7.2 x 5.0mm	
C5	10u	Electrolytic capacitor, 5mm	
C100	47u	Electrolytic capacitor, 5mm	
C101	47u	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	1N4007	Standard recovery diode, DO-41	
IC1	RC4558P	Dual op-amp, DIP8	
VOLUME	B100K	16mm right-angle PCB mount pot	
TONE	B5K	16mm right-angle PCB mount pot	
GAIN	A500K	16mm right-angle PCB mount pot	

Quacksalver Boost

Schematic Diagram



Quacksalver Boost

Wiring Diagram



Quacksalver Boost

Drill Template
125B Enclosure

