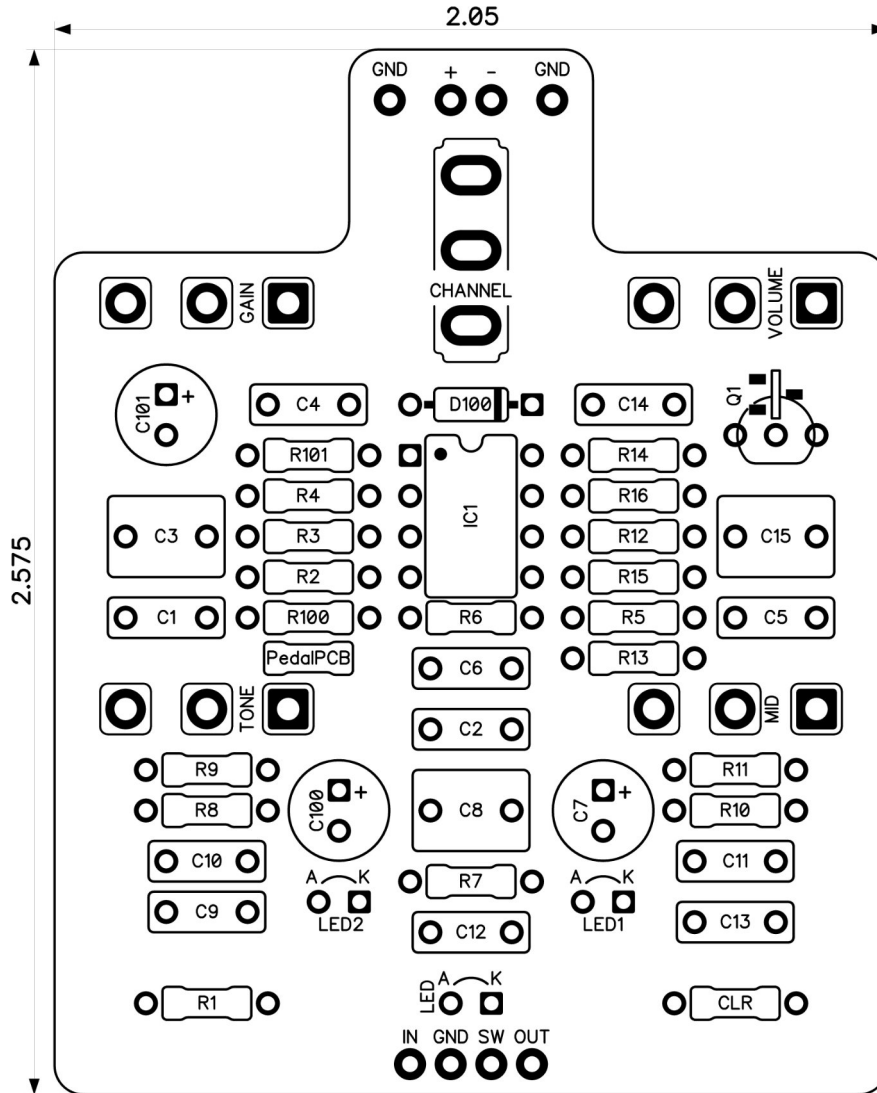


PedalPCB

Close Second Distortion

Revised 8/22/26



CONTROLS AND FEATURES

- Volume
- Gain
- Mid
- Tone
- Channel (Toggle switch)

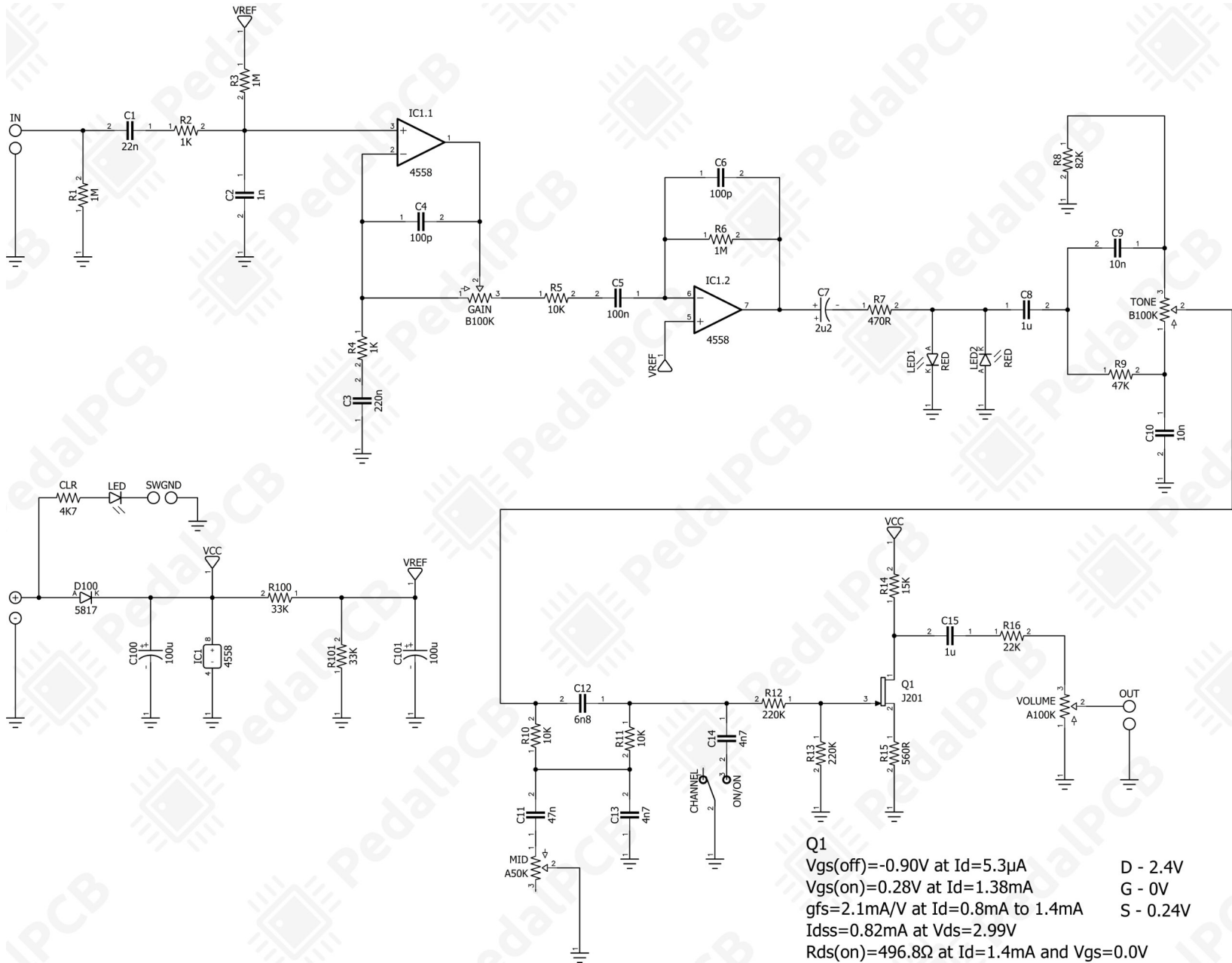
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LOCATION	VALUE	TYPE	NOTES
R1	1M	Resistor, 1/4W	
R2	1K	Resistor, 1/4W	
R3	1M	Resistor, 1/4W	
R4	1K	Resistor, 1/4W	
R5	10K	Resistor, 1/4W	
R6	1M	Resistor, 1/4W	
R7	470R	Resistor, 1/4W	
R8	82K	Resistor, 1/4W	
R9	47K	Resistor, 1/4W	
R10	10K	Resistor, 1/4W	
R11	10K	Resistor, 1/4W	
R12	220K	Resistor, 1/4W	
R13	220K	Resistor, 1/4W	
R14	15K	Resistor, 1/4W	
R15	560R	Resistor, 1/4W	
R16	22K	Resistor, 1/4W	
R100	33K	Resistor, 1/4W	
R101	33K	Resistor, 1/4W	
CLR	4K7	Resistor, 1/4W	* LED current limiting resistor
C1	22n	Film capacitor, 7.2 x 2.5mm	
C2	1n	Film capacitor, 7.2 x 2.5mm	
C3	220n	Film capacitor, 7.2 x 5.0mm	
C4	100p	Ceramic capacitor	
C5	100n	Film capacitor, 7.2 x 2.5mm	
C6	100p	Ceramic capacitor	
C7	2u2	Electrolytic capacitor, 5mm	
C8	1u	Film capacitor, 7.2 x 5.0mm	
C9	10n	Film capacitor, 7.2 x 2.5mm	
C10	10n	Film capacitor, 7.2 x 2.5mm	
C11	47n	Film capacitor, 7.2 x 2.5mm	
C12	6n8	Film capacitor, 7.2 x 2.5mm	
C13	4n7	Film capacitor, 7.2 x 2.5mm	
C14	4n7	Film capacitor, 7.2 x 2.5mm	
C15	1u	Film capacitor, 7.2 x 5.0mm	
C100	100u	Electrolytic capacitor, 5mm	
C101	100u	Electrolytic capacitor, 5mm	
D100	1N5817	Schottky diode, DO-41	
LED1	RED	5mm Red LED, Clear	
LED2	RED	5mm Red LED, Clear	
Q1	J201	JFET transistor, N-channel	
IC1	RC4558	Dual op-amp, DIP8	
CHANNEL	ON/ON	Toggle switch, SPDT	2-position (ON/ON)
VOLUME	A100K	16mm right-angle PCB mount pot	
GAIN	B100K	16mm right-angle PCB mount pot	
MID	A50K	16mm right-angle PCB mount pot	
TONE	B100K	16mm right-angle PCB mount pot	



Close Second Distortion

Schematic Diagram





Wiring Diagram

Close Second Distortion

Drill Template
125B Enclosure

