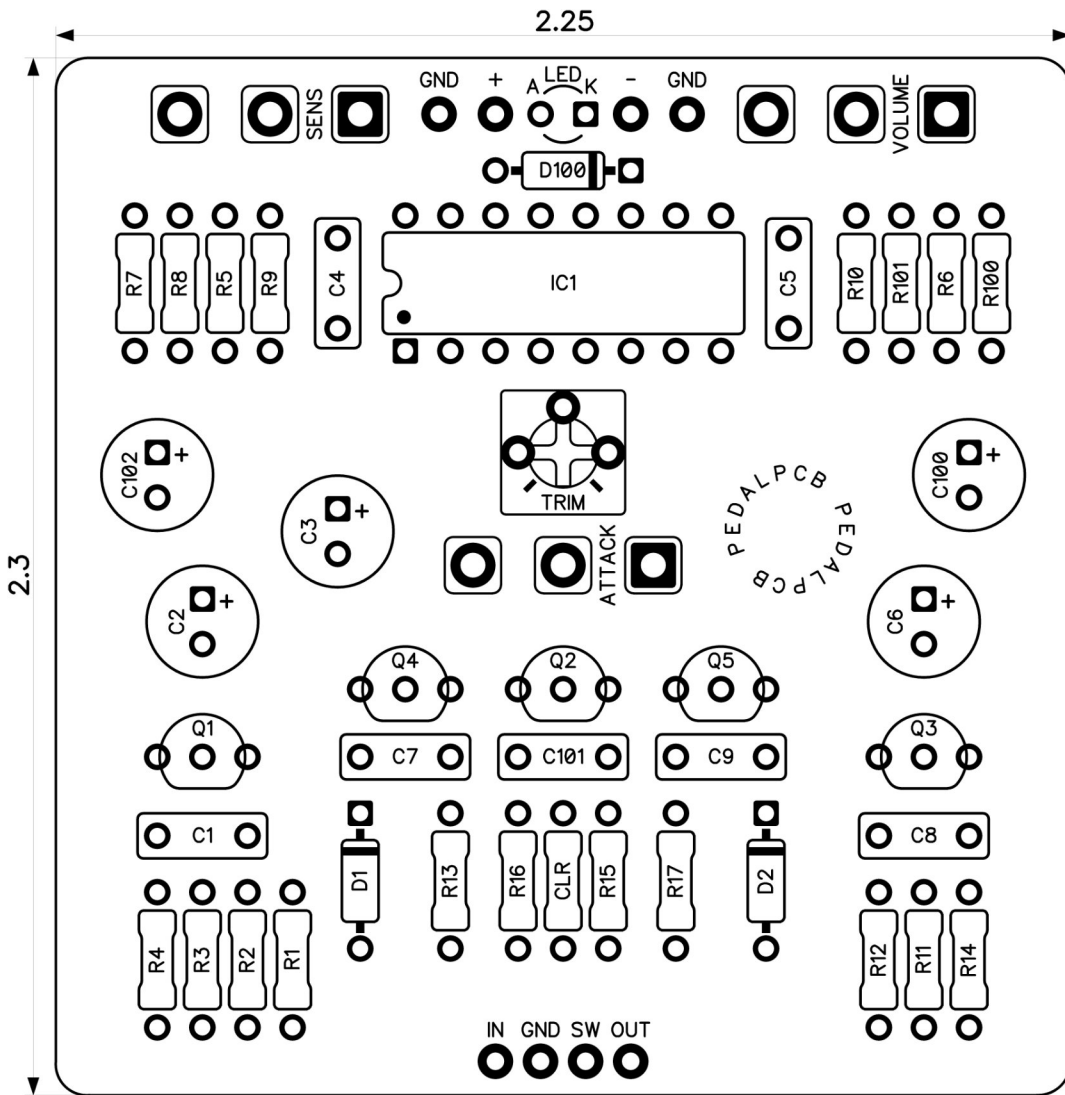


PedalPCB

Supersquish Compressor

Revised 4/2/26



CONTROLS AND FEATURES

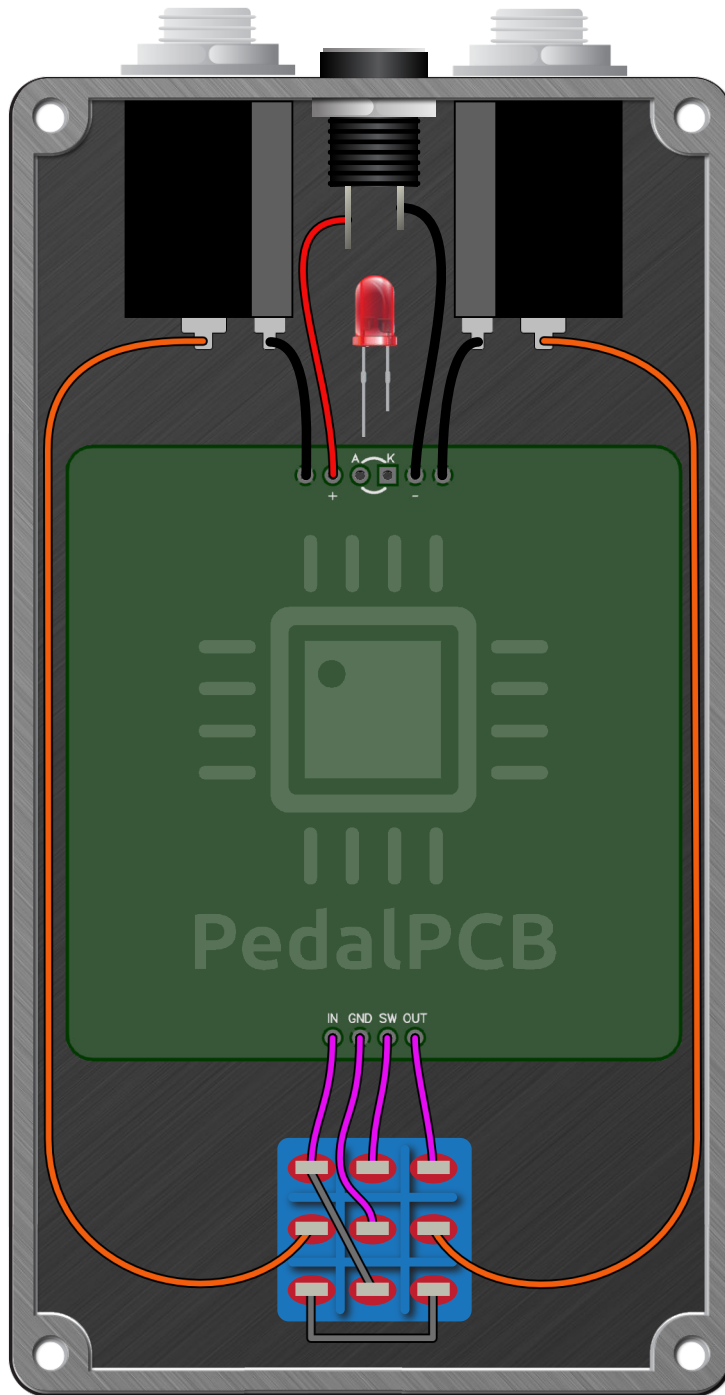
- Volume
- Sensitivity
- Attack

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LOCATION	VALUE	TYPE	NOTES
R1	1M	Resistor, 1/4W	
R2	10K	Resistor, 1/4W	
R3	1M	Resistor, 1/4W	
R4	10K	Resistor, 1/4W	
R5	1M	Resistor, 1/4W	
R6	470K	Resistor, 1/4W	
R7	1M	Resistor, 1/4W	
R8	16K	Resistor, 1/4W	
R9	15K	Resistor, 1/4W	
R10	150K	Resistor, 1/4W	
R11	10K	Resistor, 1/4W	
R12	10K	Resistor, 1/4W	
R13	1M	Resistor, 1/4W	
R14	10K	Resistor, 1/4W	
R15	75K	Resistor, 1/4W	
R16	300K	Resistor, 1/4W	
R17	1M	Resistor, 1/4W	
R100	56K	Resistor, 1/4W	
R101	22K	Resistor, 1/4W	
CLR	4K7	Resistor, 1/4W	* LED current limiting resistor
C1	10n	Film capacitor, 7.2 x 2.5mm	
C2	1u	Electrolytic capacitor, 5mm	
C3	1u	Electrolytic capacitor, 5mm	
C4	10n	Film capacitor, 7.2 x 2.5mm	
C5	1n	Film capacitor, 7.2 x 2.5mm	
C6	10u	Electrolytic capacitor, 5mm	
C7	10n	Film capacitor, 7.2 x 2.5mm	
C8	47n	Film capacitor, 7.2 x 2.5mm	
C9	10n	Film capacitor, 7.2 x 2.5mm	
C100	100u	Electrolytic capacitor, 5mm	
C101	100n	Film capacitor, 7.2 x 2.5mm	
C102	10u	Electrolytic capacitor, 5mm	
D1	1N4148	Signal diode, DO-35	
D2	1N4148	Signal diode, DO-35	
D100	1N5817	Schottky diode, DO-41	
Q1	MPSA18	BJT transistor, NPN TO-92	
Q2	MPSA18	BJT transistor, NPN TO-92	
Q3	MPSA18	BJT transistor, NPN TO-92	
Q4	MPSA18	BJT transistor, NPN TO-92	
Q5	MPSA18	BJT transistor, NPN TO-92	
IC1	LM13700N	Transconductance Amplifier	[Link]
TRIM	2K	Trimmer potentiometer, 3362P type	[Link]
VOLUME	A47K	16mm right-angle PCB mount pot	Sub: A50K
SENS	C470K	16mm right-angle PCB mount pot	Sub: C500K
ATTACK	B100K	16mm right-angle PCB mount pot	

Supersquish Compressor

Wiring Diagram



Supersquish Compressor

Drill Template
125B Enclosure

