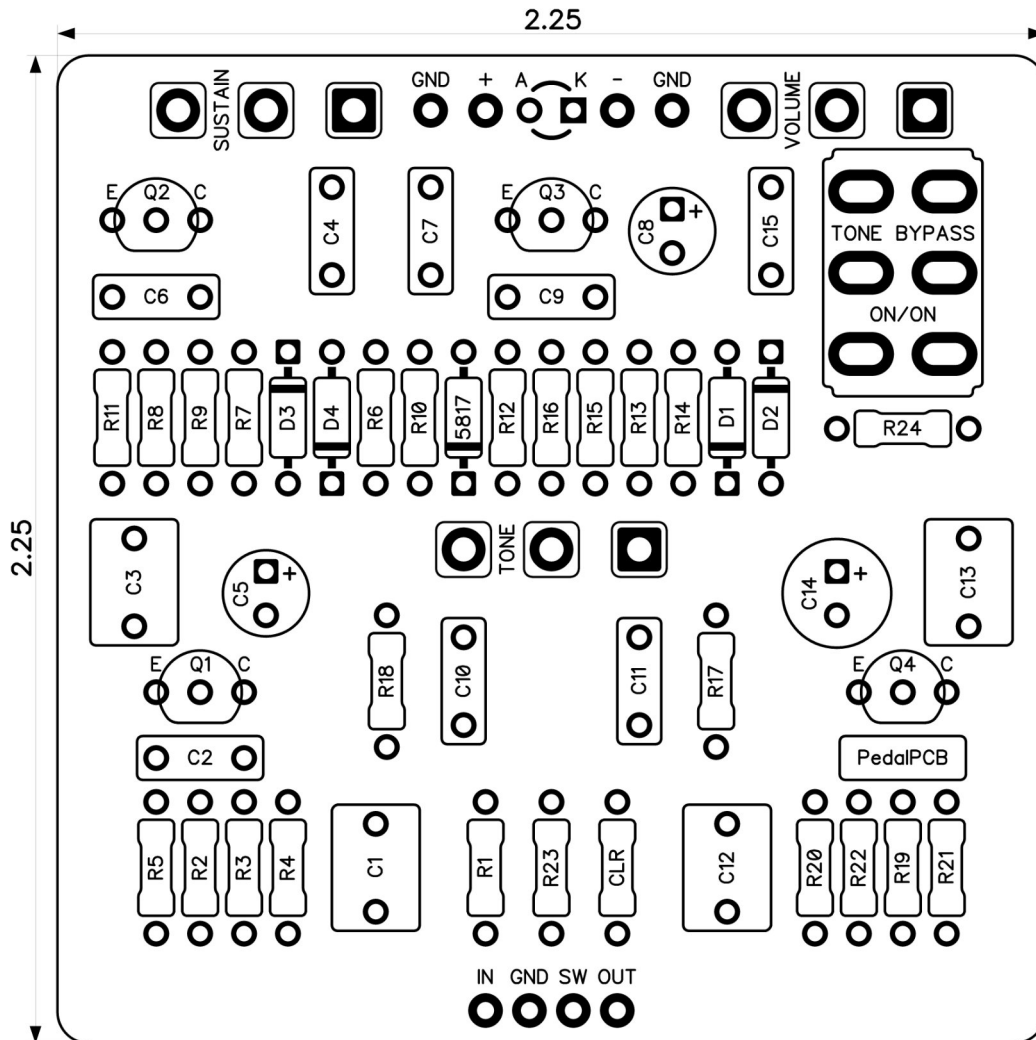


PedalPCB

Liquid Crystal Fuzz

Revised 7/7/25

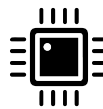


CONTROLS AND FEATURES

- Volume
- Tone
- Sustain
- Tone Bypass (*Toggle switch*)

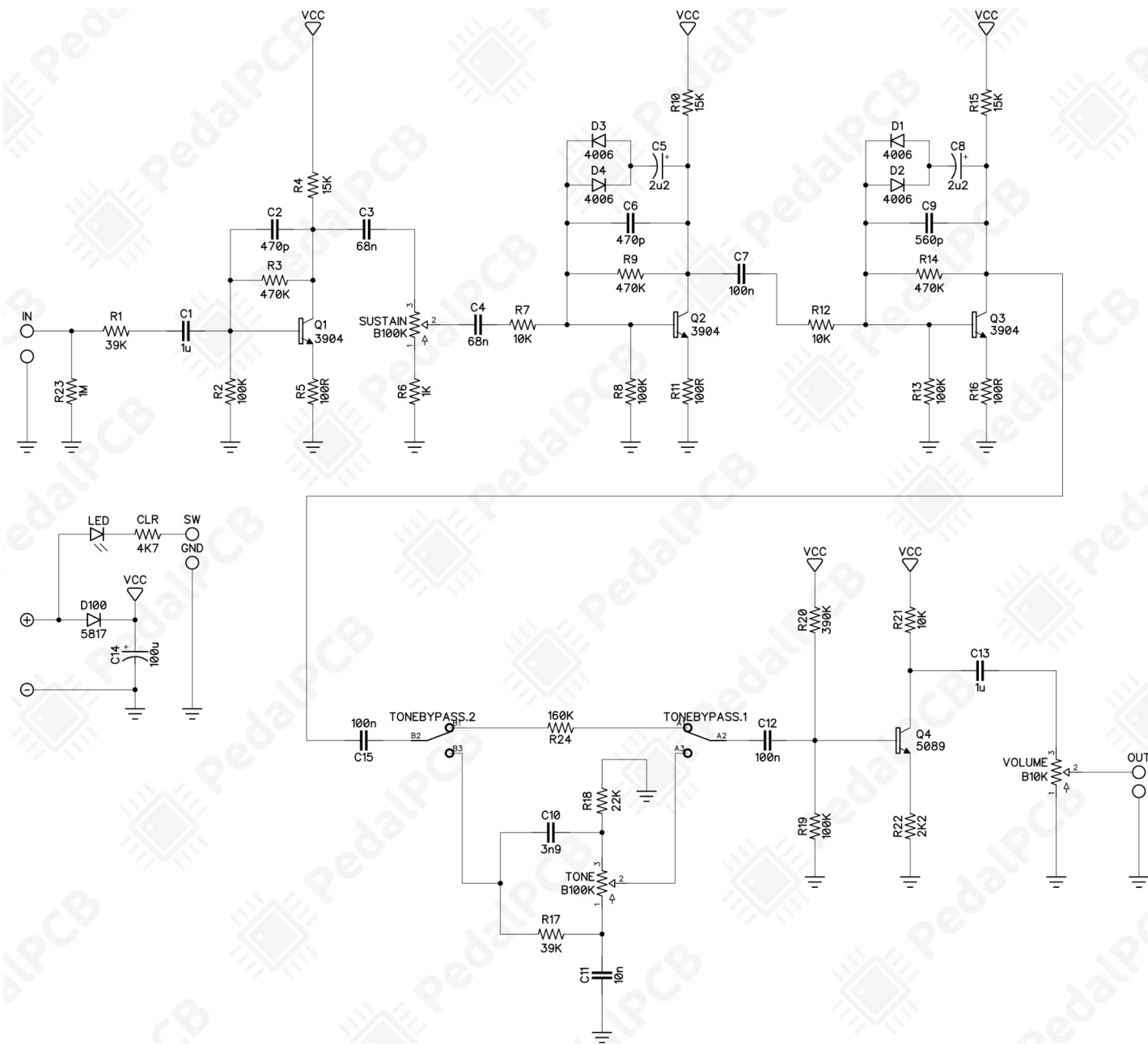
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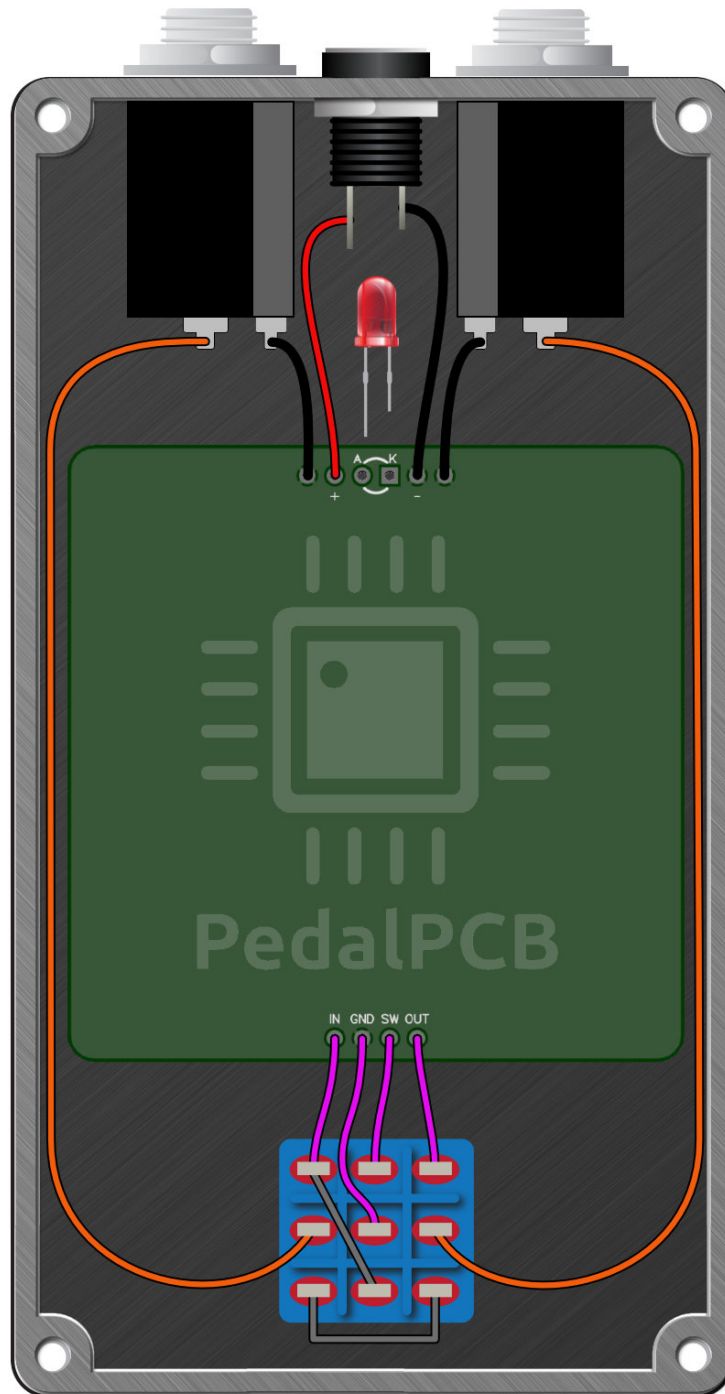
LOCATION	VALUE	TYPE	NOTES
R1	39K	Resistor, 1/4W	
R2	100K	Resistor, 1/4W	
R3	470K	Resistor, 1/4W	
R4	15K	Resistor, 1/4W	
R5	100R	Resistor, 1/4W	
R6	1K	Resistor, 1/4W	
R7	10K	Resistor, 1/4W	
R8	100K	Resistor, 1/4W	
R9	470K	Resistor, 1/4W	
R10	15K	Resistor, 1/4W	
R11	100R	Resistor, 1/4W	
R12	10K	Resistor, 1/4W	
R13	100K	Resistor, 1/4W	
R14	470K	Resistor, 1/4W	
R15	15K	Resistor, 1/4W	
R16	100R	Resistor, 1/4W	
R17	39K	Resistor, 1/4W	
R18	22K	Resistor, 1/4W	
R19	100K	Resistor, 1/4W	
R20	390K	Resistor, 1/4W	
R21	10K	Resistor, 1/4W	
R22	2K2	Resistor, 1/4W	
R23	1M	Resistor, 1/4W	
R24	160K	Resistor, 1/4W	
CLR	4K7	Resistor, 1/4W	* LED current limiting resistor
C1	1u	Film capacitor, 7.2 x 5.0mm	
C2	470p	Ceramic capacitor	
C3	68n	Film capacitor, 7.2 x 2.5mm	
C4	68n	Film capacitor, 7.2 x 2.5mm	
C5	2u2	Electrolytic capacitor, 5mm	
C6	470p	Ceramic capacitor	
C7	100n	Film capacitor, 7.2 x 2.5mm	
C8	2u2	Electrolytic capacitor, 5mm	
C9	560p	Ceramic capacitor	
C10	3n9	Film capacitor, 7.2 x 2.5mm	
C11	10n	Film capacitor, 7.2 x 2.5mm	
C12	100n	Film capacitor, 7.2 x 2.5mm	
C13	1u	Film capacitor, 7.2 x 5.0mm	
C14	100u	Electrolytic capacitor, 5mm	
C15	100n	Film capacitor, 7.2 x 2.5mm	
D1	1N4006	Standard recovery diode, DO-41	
D2	1N4006	Standard recovery diode, DO-41	
D3	1N4006	Standard recovery diode, DO-41	
D4	1N4006	Standard recovery diode, DO-41	
D100	1N5817	Schottky diode, DO-41	
Q1	2N3904	BJT transistor, NPN TO-92	
Q2	2N3904	BJT transistor, NPN TO-92	
Q3	2N3904	BJT transistor, NPN TO-92	
Q4	2N5089	BJT transistor, NPN TO-92	
TONEBYPASS	DPDT	Toggle switch, DPDT	2-position (ON/ON)
VOLUME	B10K	16mm right-angle PCB mount pot	
TONE	B100K	16mm right-angle PCB mount pot	
SUSTAIN	B100K	16mm right-angle PCB mount pot	



Liquid Crystal Fuzz

Schematic Diagram





Liquid Crystal Fuzz

Drill Template
125B Enclosure

