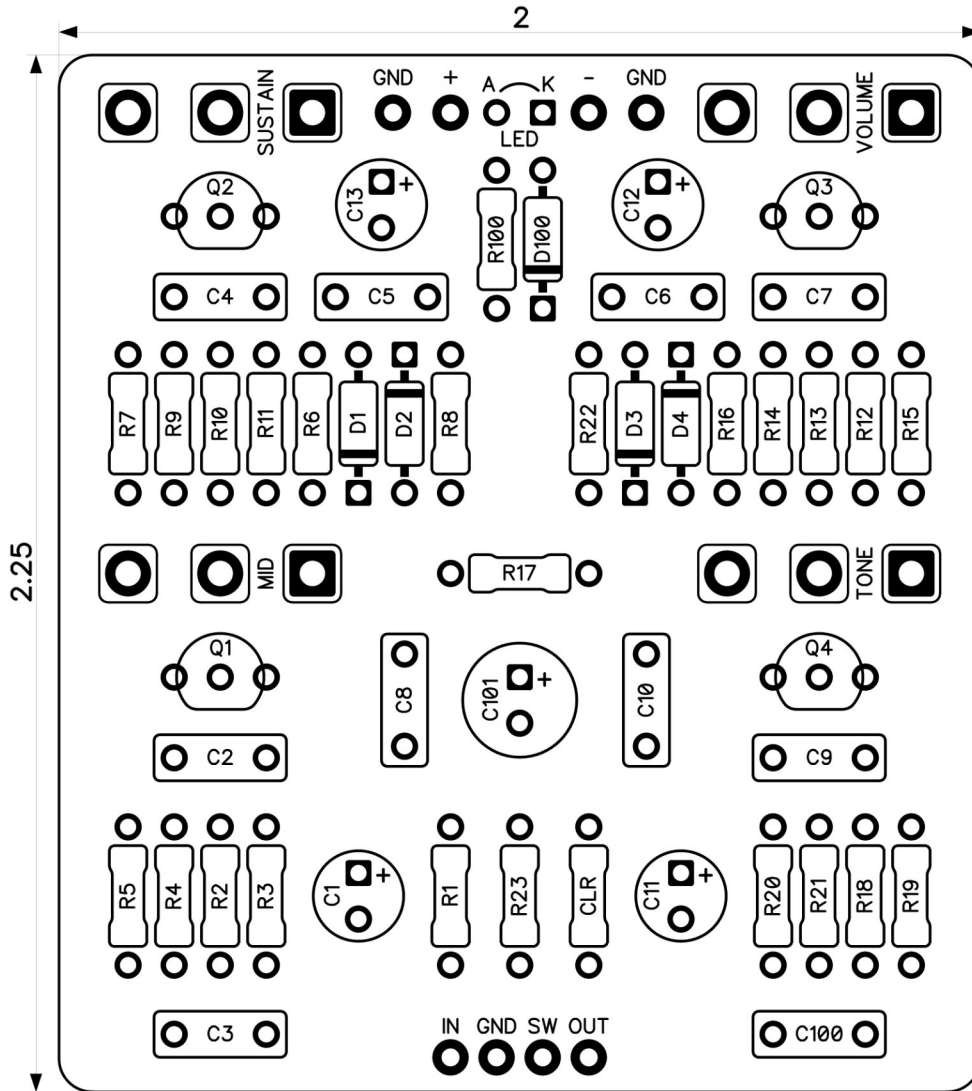


PedalPCB

Buffalo Hump Distortion

Revised 5/31/26

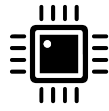


CONTROLS AND FEATURES

- Volume
- Sustain
- Tone
- Mid

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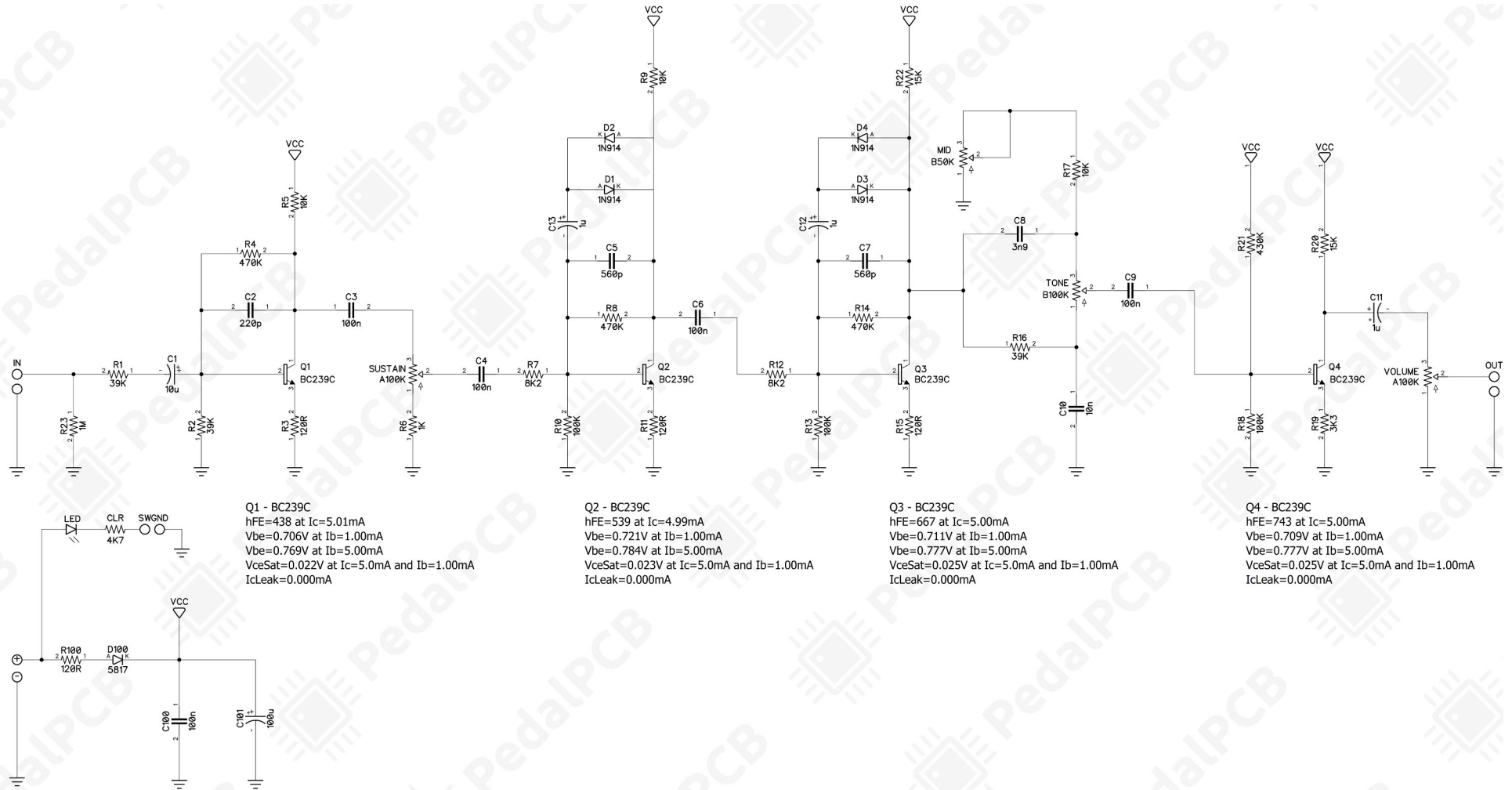
LOCATION	VALUE	TYPE	NOTES
R1	39K	Resistor, 1/4W	
R2	39K	Resistor, 1/4W	
R3	120R	Resistor, 1/4W	
R4	470K	Resistor, 1/4W	
R5	10K	Resistor, 1/4W	
R6	1K	Resistor, 1/4W	
R7	8K2	Resistor, 1/4W	
R8	470K	Resistor, 1/4W	
R9	10K	Resistor, 1/4W	
R10	100K	Resistor, 1/4W	
R11	120R	Resistor, 1/4W	
R12	8K2	Resistor, 1/4W	
R13	100K	Resistor, 1/4W	
R14	470K	Resistor, 1/4W	
R15	120R	Resistor, 1/4W	
R16	39K	Resistor, 1/4W	
R17	10K	Resistor, 1/4W	
R18	100K	Resistor, 1/4W	
R19	3K3	Resistor, 1/4W	
R20	15K	Resistor, 1/4W	
R21	430K	Resistor, 1/4W	
R22	15K	Resistor, 1/4W	
R23	1M	Resistor, 1/4W	
R100	120R	Resistor, 1/4W	
CLR	4K7	Resistor, 1/4W	* LED current limiting resistor
C1	10u	Electrolytic capacitor, 5mm	
C2	220p	Ceramic capacitor	
C3	100n	Film capacitor, 7.2 x 2.5mm	
C4	100n	Film capacitor, 7.2 x 2.5mm	
C5	560p	Ceramic capacitor	
C6	100n	Film capacitor, 7.2 x 2.5mm	
C7	560p	Ceramic capacitor	
C8	3n9	Film capacitor, 7.2 x 2.5mm	
C9	100n	Film capacitor, 7.2 x 2.5mm	
C10	10n	Film capacitor, 7.2 x 2.5mm	
C11	1u	Electrolytic capacitor, 5mm	
C12	1u	Electrolytic capacitor, 5mm	
C13	1u	Electrolytic capacitor, 5mm	
C100	100n	Film capacitor, 7.2 x 2.5mm	
C101	100u	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	1N5817	Schottky diode, DO-41	
Q1	BC239C	BJT transistor, NPN TO-92	
Q2	BC239C	BJT transistor, NPN TO-92	
Q3	BC239C	BJT transistor, NPN TO-92	
Q4	BC239C	BJT transistor, NPN TO-92	
VOLUME	A100K	16mm right-angle PCB mount pot	
SUSTAIN	A100K	16mm right-angle PCB mount pot	
TONE	B100K	16mm right-angle PCB mount pot	
MID	B50K	16mm right-angle PCB mount pot	

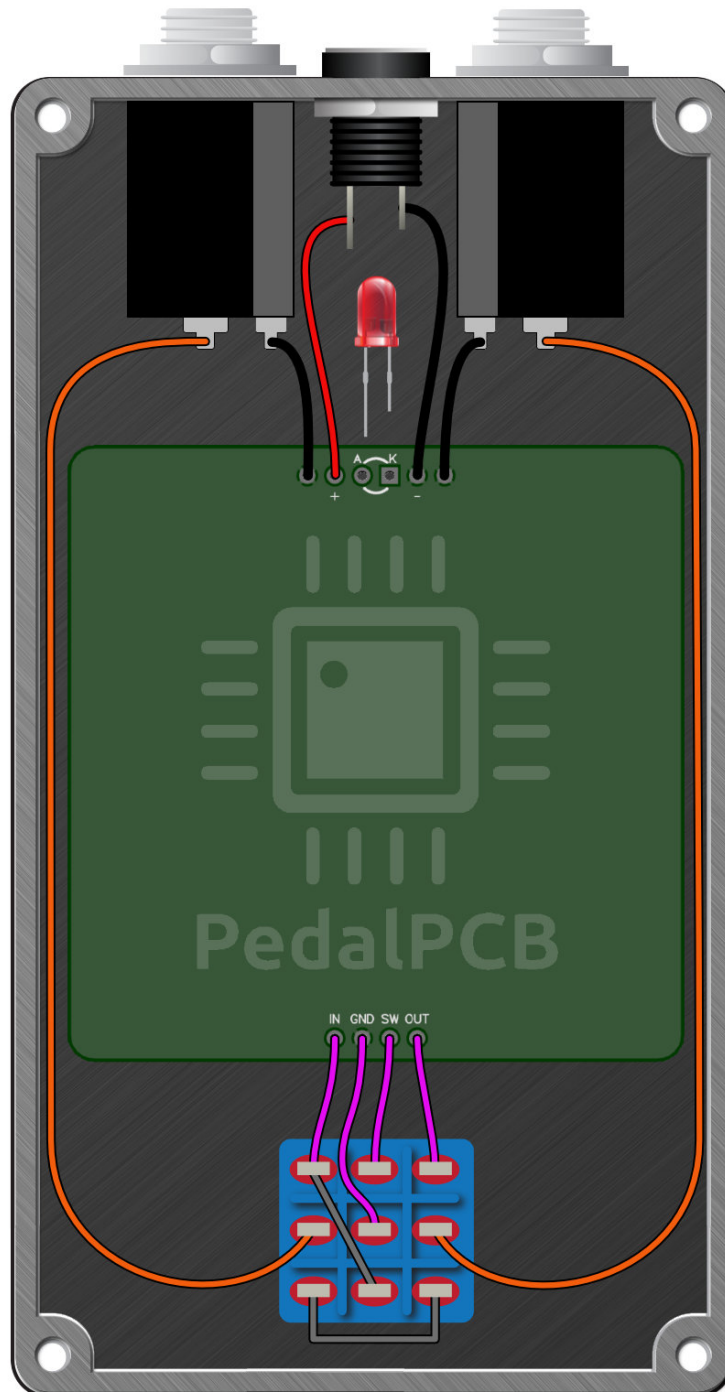


PedalPCB

Buffalo Hump Distortion

Schematic Diagram





Buffalo Hump Distortion

Drill Template
125B Enclosure

