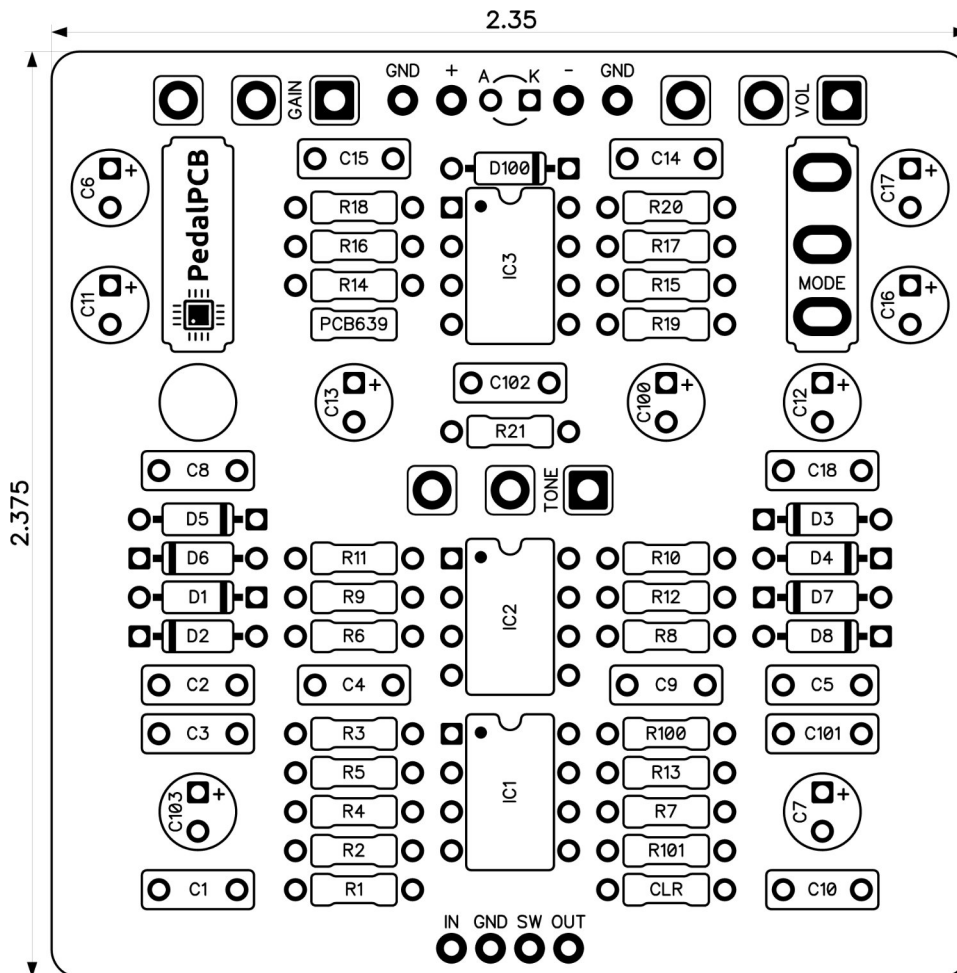


PedalPCB

Maven Overdrive

Revised 4/30/25



CONTROLS AND FEATURES

- Volume
- Tone
- Gain
- Mode (Toggle switch)

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LOCATION	VALUE	TYPE	NOTES
R1	1M	Resistor, 1/4W	
R2	34K8	Resistor, 1/4W	
R3	24K9	Resistor, 1/4W	
R4	1M	Resistor, 1/4W	
R5	10K	Resistor, 1/4W	
R6	10K	Resistor, 1/4W	
R7	10K	Resistor, 1/4W	
R8	10K	Resistor, 1/4W	
R9	6K04	Resistor, 1/4W	
R10	7K68	Resistor, 1/4W	
R11	90K1	Resistor, 1/4W	
R12	220K	Resistor, 1/4W	
R13	10K	Resistor, 1/4W	
R14	10K	Resistor, 1/4W	
R15	10K	Resistor, 1/4W	
R16	10K	Resistor, 1/4W	
R17	22K1	Resistor, 1/4W	
R18	15K8	Resistor, 1/4W	
R19	1M	Resistor, 1/4W	
R20	1M	Resistor, 1/4W	
R21	1K	Resistor, 1/4W	
R100	49K9	Resistor, 1/4W	
R101	49K9	Resistor, 1/4W	
CLR	4K7	Resistor, 1/4W	* LED current limiting resistor
C1	10n	Film capacitor, 7.2 x 2.5mm	
C2	10n	Film capacitor, 7.2 x 2.5mm	
C3	22n	Film capacitor, 7.2 x 2.5mm	
C4	100p	Ceramic capacitor	
C5	100n	Film capacitor, 7.2 x 2.5mm	
C6	1u	Electrolytic capacitor, 5mm	
C7	1u	Electrolytic capacitor, 5mm	
C8	100p	Ceramic capacitor	
C9	330p	Ceramic capacitor	
C10	100n	Film capacitor, 7.2 x 2.5mm	
C11	1u	Electrolytic capacitor, 5mm	
C12	1u	Electrolytic capacitor, 5mm	
C13	1u	Electrolytic capacitor, 5mm	
C14	6n8	Film capacitor, 7.2 x 2.5mm	
C15	6n8	Film capacitor, 7.2 x 2.5mm	
C16	1u	Electrolytic capacitor, 5mm	
C17	1u	Electrolytic capacitor, 5mm	
C18	18n	Film capacitor, 7.2 x 2.5mm	
C100	22u	Electrolytic capacitor, 5mm	
C101	100n	Film capacitor, 7.2 x 2.5mm	
C102	100n	Film capacitor, 7.2 x 2.5mm	
C103	22u	Electrolytic capacitor, 5mm	
D1	1N4148	Switching diode, DO-35	
D2	1N4148	Switching diode, DO-35	
D3	1N914	Switching diode, DO-35	
D4	1N914	Switching diode, DO-35	
D5	1N4148	Switching diode, DO-35	
D6	1N4148	Switching diode, DO-35	
D7	1N914	Switching diode, DO-35	
D8	1N914	Switching diode, DO-35	
D100	1N5817	Schottky diode, DO-41	
IC1	RC4558	Dual op-amp, DIP8	
IC2	RC4558	Dual op-amp, DIP8	
IC3	RC4558	Dual op-amp, DIP8	
MODE	SPDT	Toggle switch, SPDT	2-position (ON/ON)
VOL	B100K	16mm right-angle PCB mount pot	
TONE	B25K	16mm right-angle PCB mount pot	
GAIN	C100K	16mm right-angle PCB mount pot	

Maven Overdrive

Schematic Diagram

