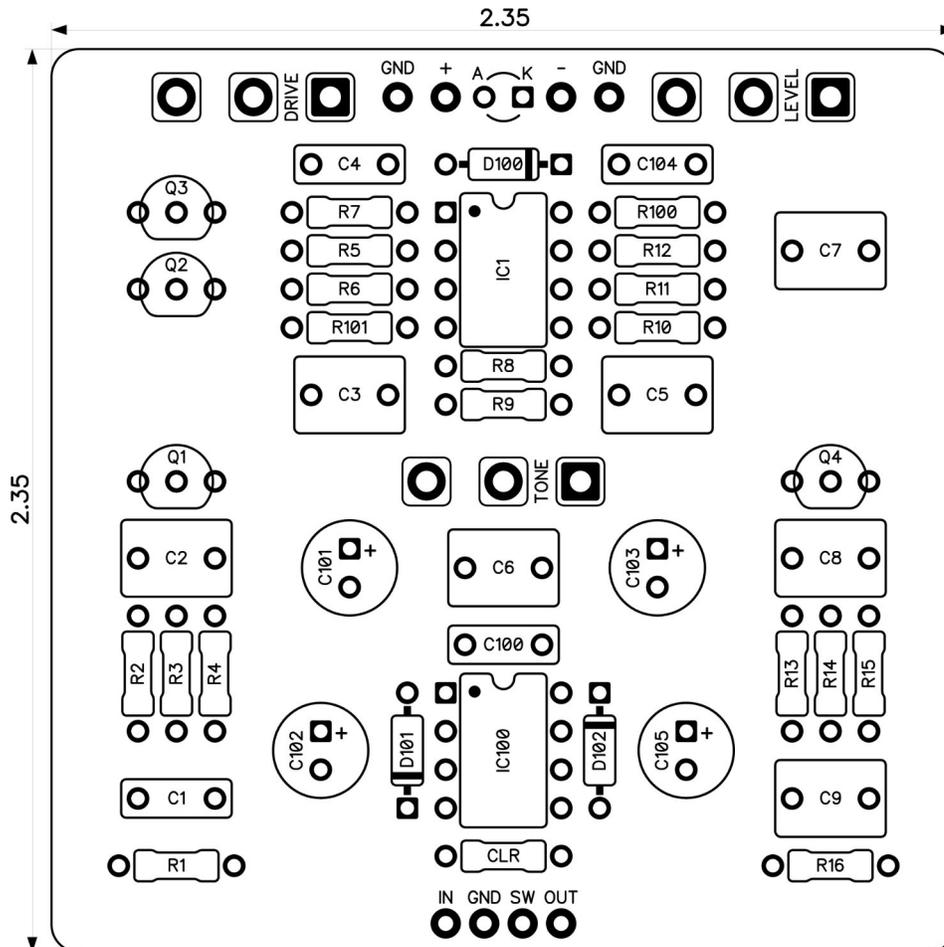


# PedalPCB

## NutDriver Overdrive

Revised 11/26/25



### CONTROLS AND FEATURES

- Level
- Tone
- Drive

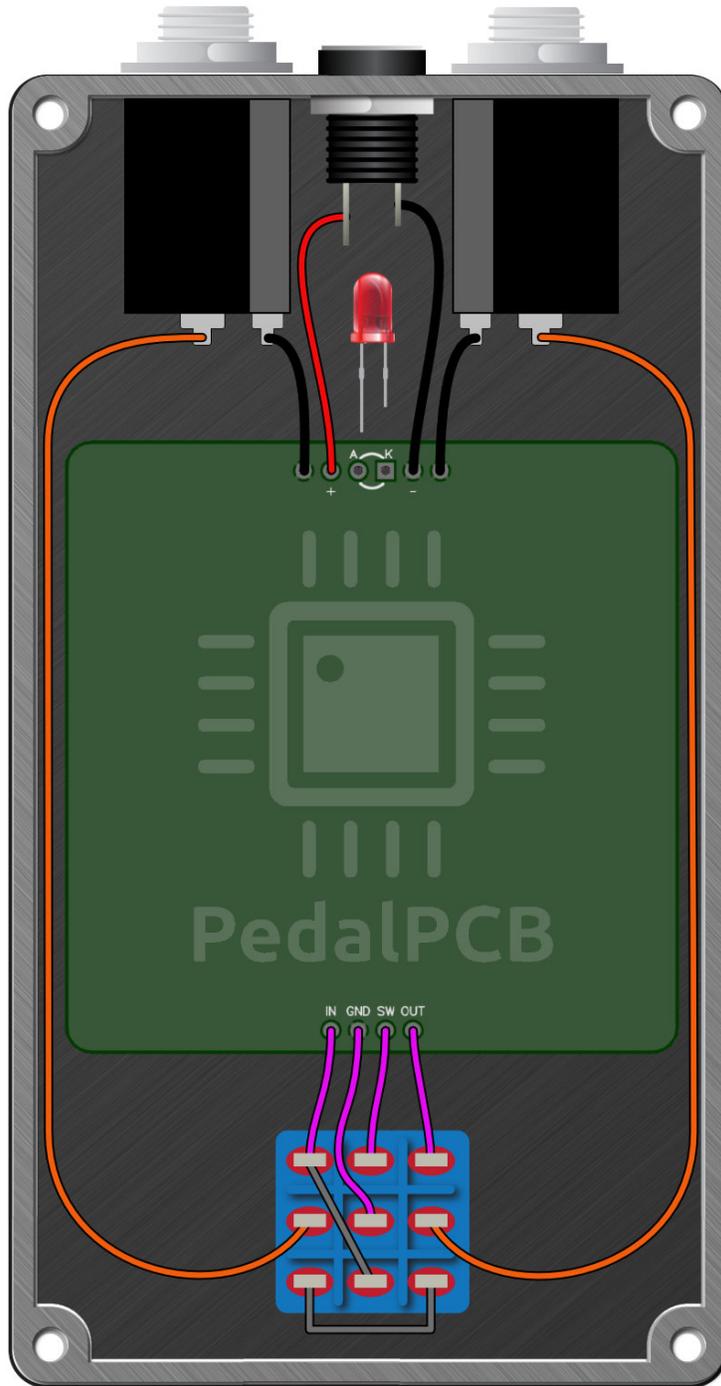
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LOCATION	VALUE	TYPE	NOTES
R1	2M2	Resistor, 1/4W	
R2	1K	Resistor, 1/4W	
R3	470K	Resistor, 1/4W	
R4	10K	Resistor, 1/4W	
R5	4K7	Resistor, 1/4W	
R6	10K	Resistor, 1/4W	
R7	10K	Resistor, 1/4W	
R8	1K	Resistor, 1/4W	
R9	220R	Resistor, 1/4W	
R10	10K	Resistor, 1/4W	
R11	1K	Resistor, 1/4W	
R12	1K	Resistor, 1/4W	
R13	470K	Resistor, 1/4W	
R14	10K	Resistor, 1/4W	
R15	100R	Resistor, 1/4W	
R16	10K	Resistor, 1/4W	
R100	15K	Resistor, 1/4W	
R101	20K	Resistor, 1/4W	
CLR	4K7	Resistor, 1/4W	* LED current limiting resistor
C1	22n	Film capacitor, 7.2 x 2.5mm	
C2	1u	Film capacitor, 7.2 x 5.0mm	
C3	47n	Film capacitor, 7.2 x 2.5mm	
C4	50p	Ceramic capacitor	
C5	220n	Film capacitor, 7.2 x 5.0mm	
C6	220n	Film capacitor, 7.2 x 5.0mm	
C7	1u	Film capacitor, 7.2 x 5.0mm	
C8	100n	Film capacitor, 7.2 x 2.5mm	
C9	1u	Film capacitor, 7.2 x 5.0mm	
C100	10n	Film capacitor, 7.2 x 2.5mm	
C101	100u	Electrolytic capacitor, 5mm	
C102	10u	Electrolytic capacitor, 5mm	⚡ 25V Minimum Voltage
C103	10u	Electrolytic capacitor, 5mm	⚡ 25V Minimum Voltage
C104	100n	Film capacitor, 7.2 x 2.5mm	
C105	47u	Electrolytic capacitor, 5mm	⚡ 25V Minimum Voltage
D100	1N5817	Schottky diode, DO-41	
D101	1N4002	Switching diode, DO-35	
D102	1N4002	Switching diode, DO-35	
Q1	BC549C	BJT transistor, NPN TO-92	
Q2	BS170	N-Channel MOSFET	
Q3	BS170	N-Channel MOSFET	
Q4	BC549C	BJT transistor, NPN TO-92	
IC1	RC4558	Dual op-amp, DIP8	
IC100	LT1054	Charge pump IC, DIP8	
LEVEL	A100K	16mm right-angle PCB mount pot	
TONE	W20K	16mm right-angle PCB mount pot	
DRIVE	A1M	16mm right-angle PCB mount pot	



# NutDriver Overdrive

## Wiring Diagram



# NutDriver Overdrive

Drill Template  
125B Enclosure

