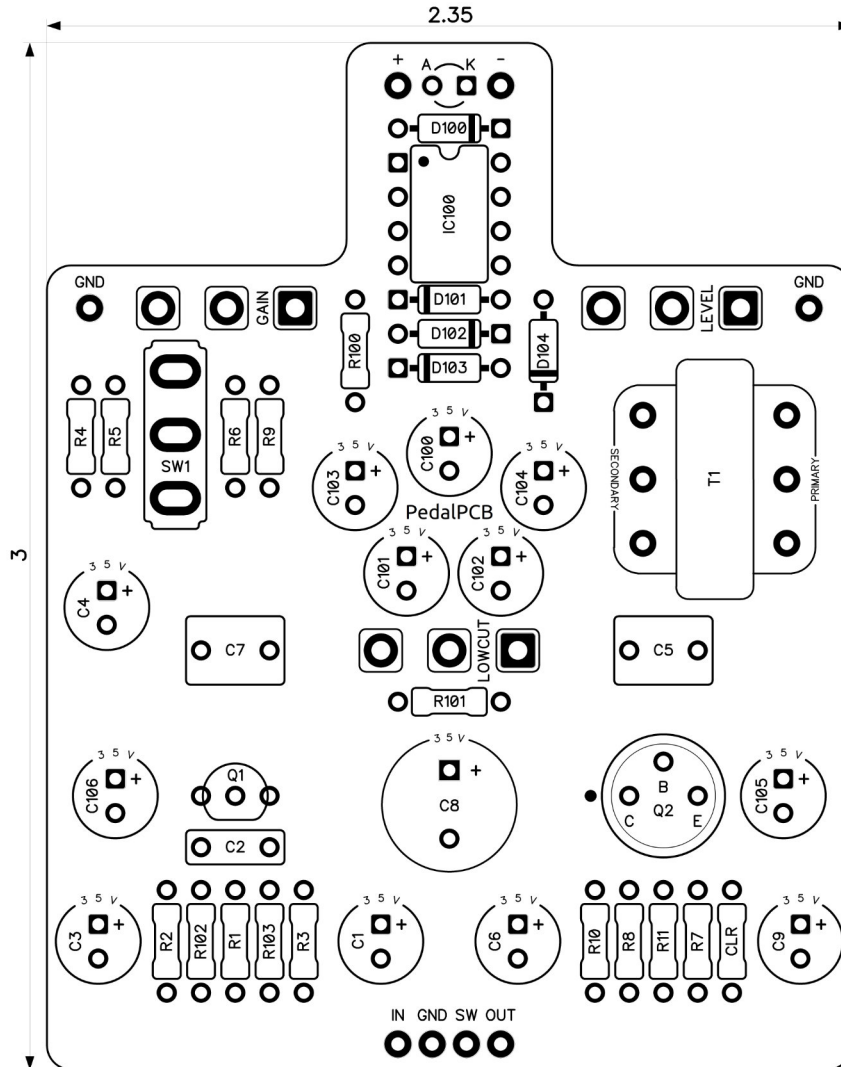




# PedalPCB

## Simulcast

Revised 12/17/22



## CONTROLS AND FEATURES

- Level
- Low-Cut
- Gain
- High/Med/Low Gain Switch

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LOCATION	VALUE	TYPE	NOTES
R1	220K	Resistor, 1/4W	
R2	5K6	Resistor, 1/4W	
R3	5K6	Resistor, 1/4W	
R4	1K	Resistor, 1/4W	
R5	68R	Resistor, 1/4W	
R6	450R	Resistor, 1/4W	
R7	4K7	Resistor, 1/4W	
R8	5K6	Resistor, 1/4W	
R9	5K6	Resistor, 1/4W	
R10	15K	Resistor, 1/4W	
R11	33K	Resistor, 1/4W	
R100	10R	Resistor, 1/4W	
R101	1K	Resistor, 1/4W	
R102	56K	Resistor, 1/4W	
R103	33K	Resistor, 1/4W	
CLR	4K7	Resistor, 1/4W	* LED current limiting resistor
C1	10u	Electrolytic capacitor, 5.0mm	⚡ 35V minimum voltage
C2	330p	Ceramic capacitor	
C3	10u	Electrolytic capacitor, 5.0mm	⚡ 35V minimum voltage
C4	100u	Electrolytic capacitor, 5.0mm	⚡ 35V minimum voltage
C5	330n	Film capacitor, 7.2 x 5.0mm	
C6	100u	Electrolytic capacitor, 5.0mm	⚡ 35V minimum voltage
C7	1n	Film capacitor, 7.2 x 2.5mm	
C8	330u	Electrolytic capacitor, 5.0mm	⚡ 35V minimum voltage
C9	100u	Electrolytic capacitor, 5.0mm	⚡ 35V minimum voltage
C100	47u	Electrolytic capacitor, 5.0mm	
C101	10u	Electrolytic capacitor, 5.0mm	⚡ 35V minimum voltage
C102	10u	Electrolytic capacitor, 5.0mm	⚡ 35V minimum voltage
C103	10u	Electrolytic capacitor, 5.0mm	⚡ 35V minimum voltage
C104	10u	Electrolytic capacitor, 5.0mm	⚡ 35V minimum voltage
C105	100u	Electrolytic capacitor, 5.0mm	⚡ 35V minimum voltage
C106	100u	Electrolytic capacitor, 5.0mm	⚡ 35V minimum voltage
D100	1N5817	Schottky diode, DO-41	
D101	1N5817	Schottky diode, DO-41	
D102	1N5817	Schottky diode, DO-41	
D103	1N5817	Schottky diode, DO-41	
D104	1N5817	Schottky diode, DO-41	
IC100	LT1054	Charge pump IC, DIP8	
Q1	BC549C	BJT transistor, NPN TO-92	
Q2	OC71	Germanium transistor, PNP	
T1	TY-141P	Audio Transformer (10Kct:10Kct)	<a href="#">Link</a>
LEVEL	B25K	16mm right-angle PCB mount pot	
LOWCUT	A10K	16mm right-angle PCB mount pot	
GAIN	A250K	16mm right-angle PCB mount pot	
SW1	ON/OFF/ON	Toggle switch, SPDT	3-position (ON/OFF/ON)

# Simulcast

## Schematic Diagram

