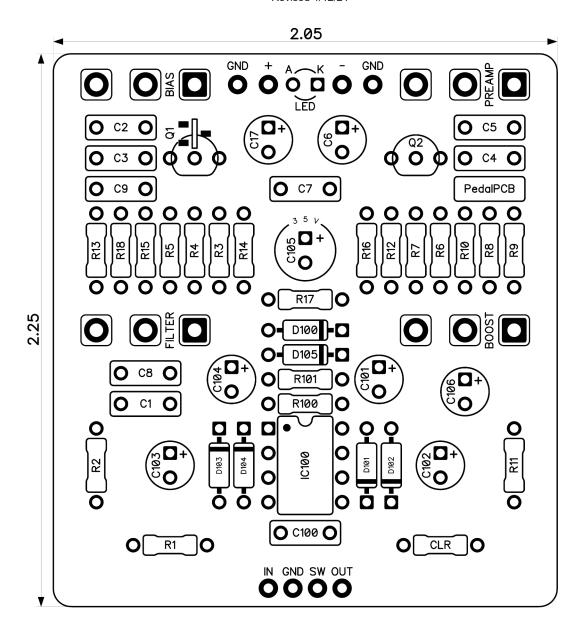


Revised 4/12/24



CONTROLS AND FEATURES

- Preamp
- Bias
- Boost
- Filter

All trademarks and registered trademarks are the property of their respective owners. The company, product, and service names used in this web site are for identification purposes only. Use of these names, logos, and brands does not imply endorsement.

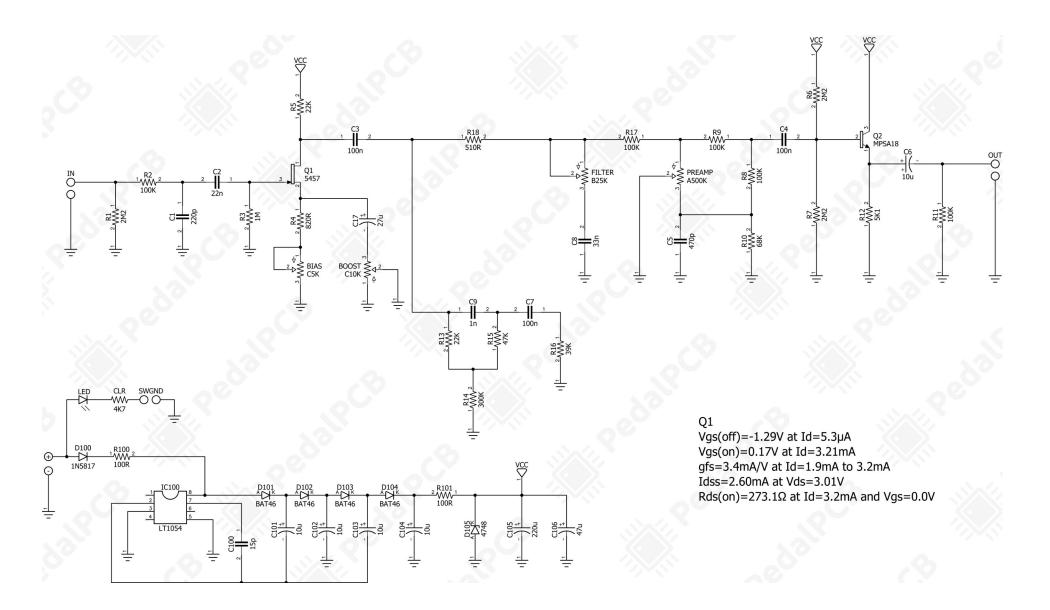


Parts List (Page 1 of 1)

LOCATION	\/A	TVDE	NOTES
LOCATION	VALUE	TYPE	NOTES
R1	2M2	Resistor, 1/4W	
R2	100K	Resistor, 1/4W	
R3	1M	Resistor, 1/4W	
R4	820R	Resistor, 1/4W	
R5	22K	Resistor, 1/4W	
R6	2M2	Resistor, 1/4W	
R7	2M2	Resistor, 1/4W	
R8	100K	Resistor, 1/4W	
R9	100K	Resistor, 1/4W	
R10	68K	Resistor, 1/4W	
R11	100K	Resistor, 1/4W	
R12	5K1	Resistor, 1/4W	
R13	22K	Resistor, 1/4W	
R14	300K	Resistor, 1/4W	
R15	47K	Resistor, 1/4W	
R16	39K	Resistor, 1/4W	
R17	100K	Resistor, 1/4W	
R18	510R	Resistor, 1/4W	
R100	100R	Resistor, 1/4W	
R101	100R	Resistor, 1/4W	
CLR	4K7	Resistor, 1/4W	* LED current limiting resistor
		·	
C1	220p	Ceramic capacitor	
C1 C2 C3 C4 C5	22n	Film capacitor, 7.2 x 5.0mm	
C3	100n	Film capacitor, 7.2 x 2.5mm	
C4	100n	Film capacitor, 7.2 x 2.5mm	
C5	470p	Ceramic capacitor	
C6	10u	Flectrolytic capacitor 5mm	
C7	100n	Electrolytic capacitor, 5mm Film capacitor, 7.2 x 5.0mm	Jan 33 v mmman
<u>C8</u>	33n	Film capacitor, 7.2 x 5.0mm	
C9	1n	Film capacitor, 7.2 x 5.0mm	
C17	27u	Electrolytic capacitor, 5mm	
C100	15p	Ceramic capacitor	
C101	10u	Electrolytic capacitor, 5mm	
C102	10u	Electrolytic capacitor, 5mm	35V minimum
C103	10u	Electrolytic capacitor, 5mm	35V minimum
C104	10u	Electrolytic capacitor, 5mm	35V minimum
C105	220u	Electrolytic capacitor, 5mm	35V minimum
C106	47u	Electrolytic capacitor, 5mm	35V minimum
0100	T I U	Liconory no capacitor, orinin	WWW OOV IIIIIIIIIIIIII
D100	1N5817	Schottky diode, DO-41	
D100	BAT46	Schottky diode, DO-35	
D101	BAT46	Schottky diode, DO-35	
D102 D103	BAT46	Schottky diode, DO 35	
D103	BAT46	Schottky diode, DO-35	
	1N4748A	Schottky diode, DO-35	
D105	11N4/40A	Zener diode 1W, 22V	
01	ONEAEZ	IEEE transistar N. sharral	* Development on the control of
Q1	2N5457	JFET transistor, N-channel	* Parameters on page 3
Q2	MPSA18	BJT transistor, NPN TO-92	
10400	L T4054	Ob 10 DID2	* O l t'.t t'
IC100	LT1054	Charge pump IC, DIP8	* Substitution not recommended
	A 50017	40 :11 : 505	
PREAMP	A500K	16mm right-angle PCB mount pot	
BIAS	C5K	16mm right-angle PCB mount pot	
BOOST	C10K	16mm right-angle PCB mount pot	
FILTER	B25K	16mm right-angle PCB mount pot	
<u> </u>	שבטו/	Tromini right-angle PCB mount pot	

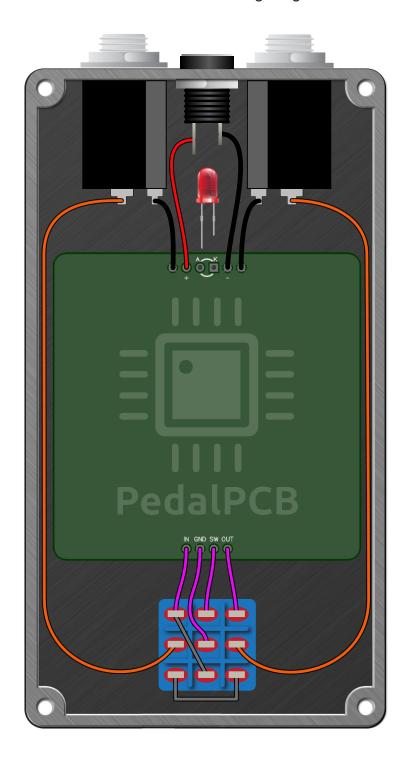


Schematic Diagram





Wiring Diagram





Drill Template
125B Enclosure

