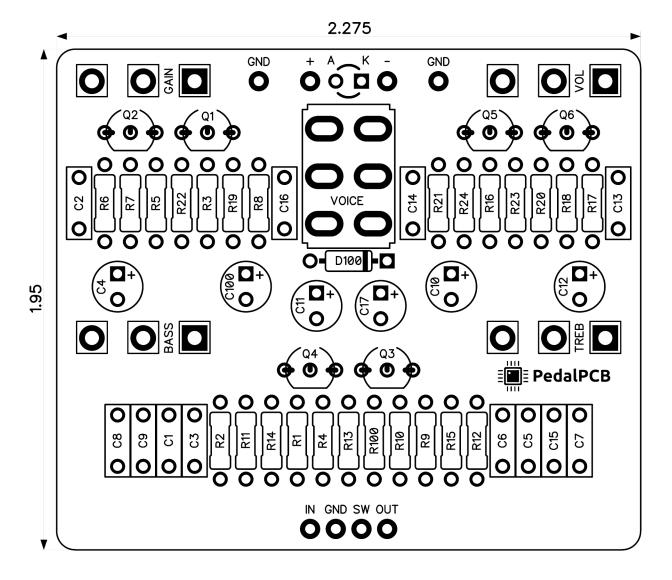


Revised 8/13/23



CONTROLS AND FEATURES

- Volume
- Gain
- Treble
- Bass
- Voice (Toggle switch)

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Parts List (Page 1 of 2)

LOCATION	VALUE	ТҮРЕ	NOTES
R1	470K	Resistor, 1/4W	
R2	100K	Resistor, 1/4W	
R3	10K	Resistor, 1/4W	
R4	10K	Resistor, 1/4W	
R5	1M	Resistor, 1/4W	
R6	1M	Resistor, 1/4W	
R7	10K	Resistor, 1/4W	
R8	22K	Resistor, 1/4W	
R9	100K	Resistor, 1/4W	
R10	4K7	Resistor, 1/4W	
R11	100K	Resistor, 1/4W	
R12	1M	Resistor, 1/4W	
R13	1M	Resistor, 1/4W	
R14	4K7	Resistor, 1/4W	
R15	120K	Resistor, 1/4W	
R16	1K8	Resistor, 1/4W	
R17	1M	Resistor, 1/4W	
R18	1M	Resistor, 1/4W	
R19	470K	Resistor, 1/4W	
R20	3K9	Resistor, 1/4W	
R21	2K2	Resistor, 1/4W	
R22	1M	Resistor, 1/4W	
R23	10K	Resistor, 1/4W	
R24	1K	Resistor, 1/4W	
R100	4K7	Resistor, 1/4W	* LED current limiting resistor
			9
C1	100n	Film capacitor, 7.2 x 2.5mm	
C2	68n	Film capacitor, 7.2 x 2.5mm	
C3	150p	Ceramic capacitor	
C4 C5	1u	Electrolytic capacitor, 5mm	
C5	100n	Film capacitor, 7.2 x 2.5mm	
C6	680p	Ceramic capacitor	
C7	4n7	Film capacitor, 7.2 x 2.5mm	
C8	1n	Film capacitor, 7.2 x 2.5mm	
C8 C9	4n7	Film capacitor, 7.2 x 2.5mm	
C10	1u	Electrolytic capacitor, 5mm	
C11	1u	Electrolytic capacitor, 5mm	
C12	2u2	Electrolytic capacitor, 5mm	
C13	4n7	Film capacitor, 7.2 x 2.5mm	
C14	4n7	Film capacitor, 7.2 x 2.5mm	
C15	47p	Ceramic capacitor	
C16	4n7	Film capacitor, 7.2 x 2.5mm	
C17	22u	Electrolytic capacitor, 5mm	
C100	100u	Electrolytic capacitor, 5mm	
D100	1N5817	Schottky diode, DO-41	
		Continued on next page	



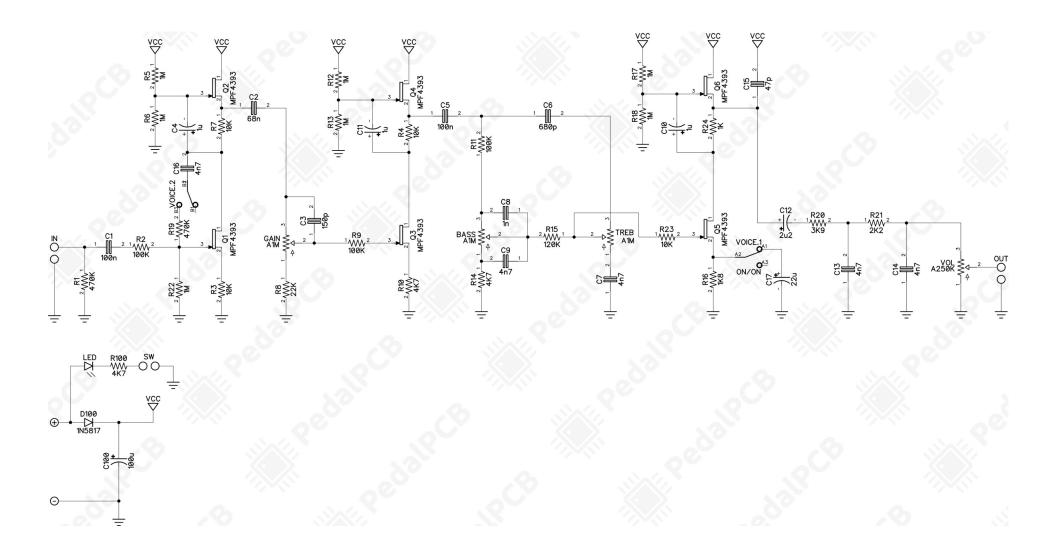
Parts List (Page 2 of 2)

		TVDE	NOTEO
	VALUE		NOTES
Q1	MPF4393	JFET transistor, N-channel	
Q2	MPF4393	JFET transistor, N-channel	
Q3	MPF4393	JFET transistor, N-channel	
Q1 Q2 Q3 Q4 Q5 Q6	MPF4393	JFET transistor, N-channel	
Q5	MPF4393	JFET transistor, N-channel	
Q6	MPF4393	JFET transistor, N-channel	
	DDDT	T I 'I DDDT	
VOICE	DPDT	Toggle switch, DPDT	2-position (ON/ON)
	4.05.01/	10 man might angle DOD measuret met	
VOL	A250K	16mm right-angle PCB mount pot	
GAIN	A1M	16mm right-angle PCB mount pot	
TREB	A1M	16mm right-angle PCB mount pot	
BASS	A1M	16mm right-angle PCB mount pot	



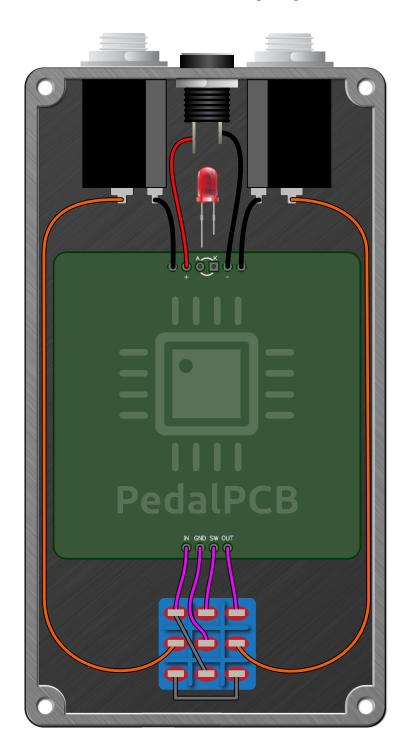


Schematic Diagram





Wiring Diagram





Drill Template 125B Enclosure

