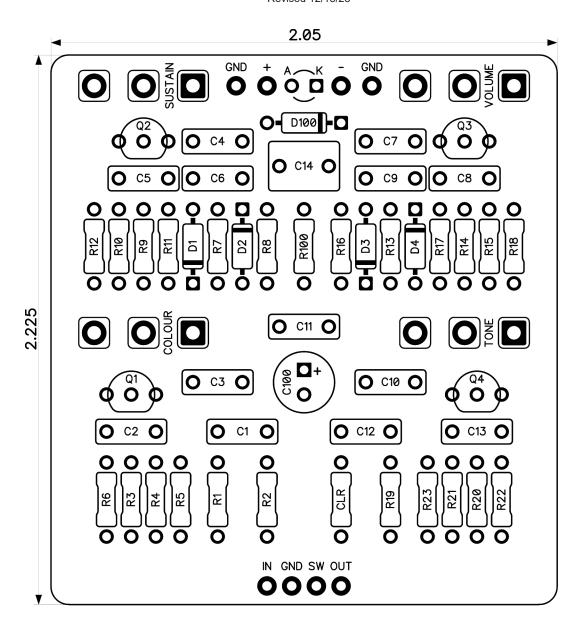


Revised 12/15/23



CONTROLS AND FEATURES

- Volume
- Sustain
- Tone
- Colour

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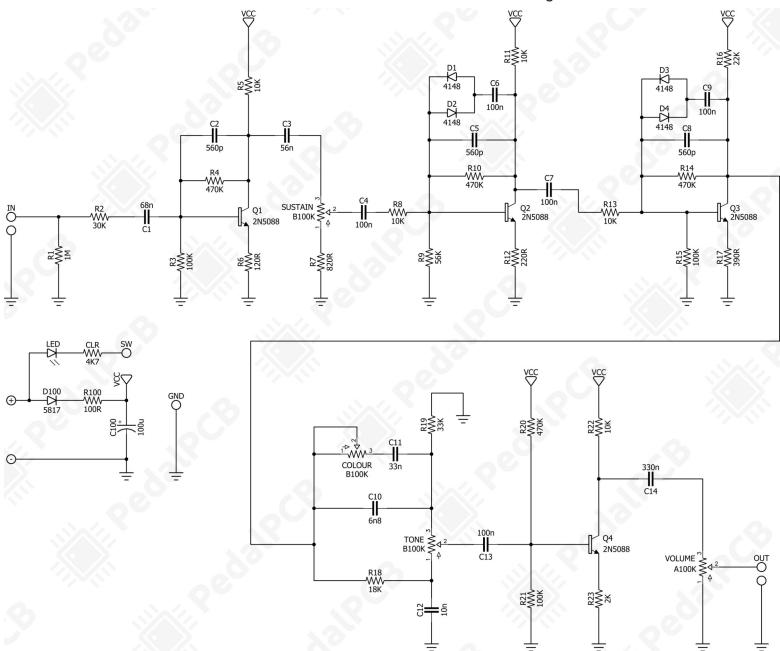


Parts List (Page 1 of 1)

LOCATION	VALUE	TYPE	NOTES
R1	1M	Resistor, 1/4W	110120
R2	30K	Resistor, 1/4W	
R3	100K	Resistor, 1/4W	
R4 R5	470K	Resistor, 1/4W	
R5	10K	Resistor, 1/4W	
R6	120R	Resistor, 1/4W	
R7	820R	Resistor, 1/4W	
R8	10K	Resistor, 1/4W	
R9	56K	Resistor, 1/4W	
R10	470K	Resistor, 1/4W	
R11	10K	Resistor, 1/4W	
R12	220R	Resistor, 1/4W	
R13	10K	Resistor, 1/4W	
R14	470K	Resistor, 1/4W	
R15	100K	Resistor, 1/4W	
R16	22K	Resistor, 1/4W	
R17	390R	Resistor, 1/4W	
R18	18K	Resistor, 1/4W	
R19	33K	Resistor, 1/4W	
R20	470K	Resistor, 1/4W	
R21	100K	Resistor, 1/4W	
R22 R23	10K	Resistor, 1/4W	
R23	2K	Resistor, 1/4W	
R100	100R	Resistor, 1/4W	
CLR	4K7	Resistor, 1/4W	* LED current limiting resistor
<u>C1</u>	68n	Film capacitor, 7.2 x 2.5mm	
C2	<u>56</u> 0p	Ceramic capacitor	
C1 C2 C3 C4 C5	56n ·	Film capacitor, 7.2 x 2.5mm	
C4	100n	Film capacitor, 7.2 x 2.5mm	
<u>C5</u>	560p	Ceramic capacitor	
C6 C7	100n	Film capacitor, 7.2 x 2.5mm	
C7	100n	Film capacitor, 7.2 x 2.5mm	
C8	560p	Ceramic capacitor	
C9	100n	Film capacitor, 7.2 x 2.5mm	
C10	6n8	Film capacitor, 7.2 x 2.5mm	
C11 C12	33n	Film capacitor, 7.2 x 2.5mm	
C12 C13	10n 100n	Film capacitor, 7.2 x 2.5mm	
C13	330n	Film capacitor, 7.2 x 2.5mm Film capacitor, 7.2 x 5.0mm	
C100	100u	Electrolytic capacitor, 5mm	
0100	1000		
D1	1N4148	Signal diode, DO-35	
D2	1N4148	Signal diode, DO-35	
D3	1N4148	Signal diode, DO-35	
D4	1N4148	Signal diode, DO-35	
D100	1N5817	Schottky diode, DO-41	
	1110017	20	
Q1	2N5088	BJT transistor, NPN TO-92	
Q2	2N5088	BJT transistor, NPN TO-92	
Q3	2N5088	BJT transistor, NPN TO-92	
Q4	2N5088	BJT transistor, NPN TO-92	
VOLUME	A100K	16mm right-angle PCB mount pot	
SUSTAIN	B100K	16mm right-angle PCB mount pot	
TONE	B100K	16mm right-angle PCB mount pot	
COLOUR	B100K	16mm right-angle PCB mount pot	

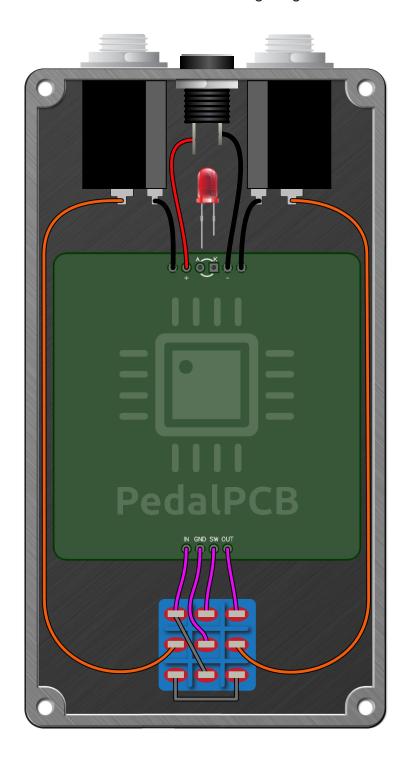


Schematic Diagram





Wiring Diagram





Drill Template 125B Enclosure

