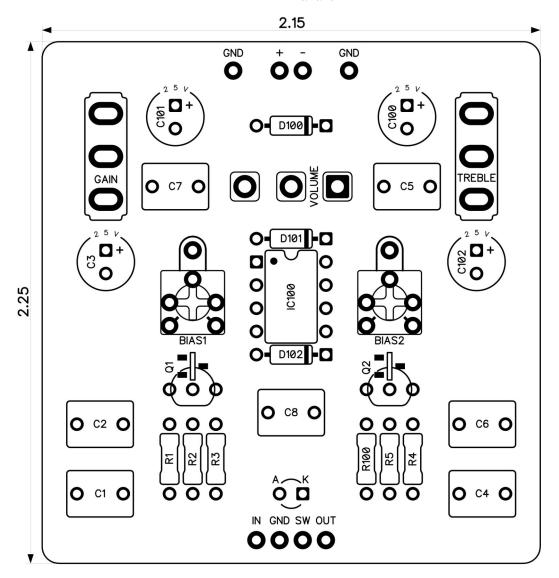


Revised 8/16/23



#### **CONTROLS AND FEATURES**

- Volume
- Treble Cut (Toggle switch)Gain (Toggle switch)

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.

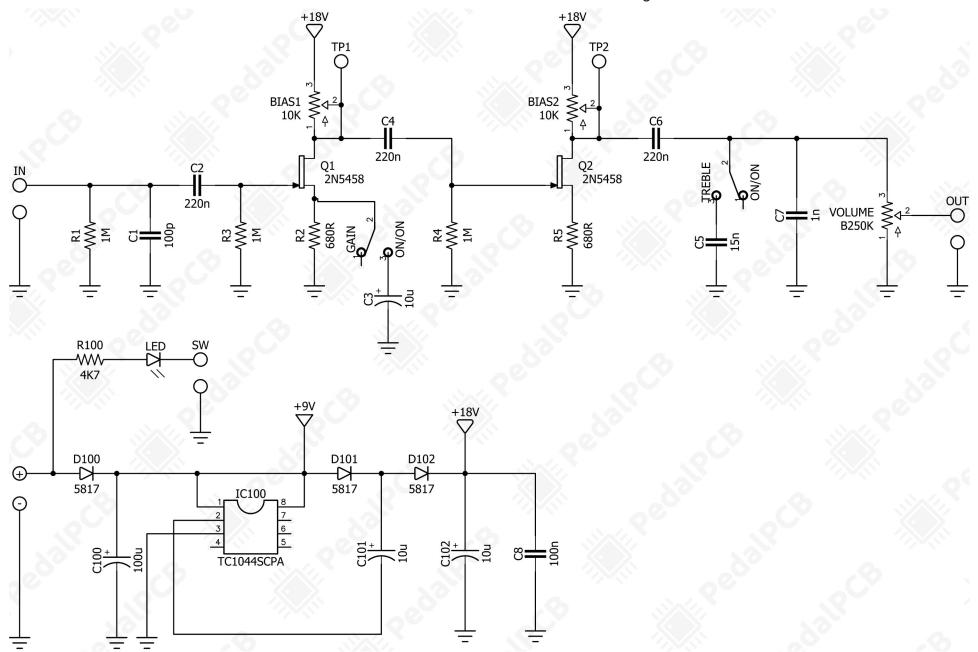


Parts List (Page 1 of 1)

| LOCATION | VALUE      | TYPE                                    | NOTES                           |
|----------|------------|---|---------------------------------|
| R1       | 1M         | Resistor, 1/4W                          |                                 |
| R2       | 680R       | Resistor, 1/4W                          |                                 |
| R3       | 1M         | Resistor, 1/4W                          |                                 |
| R4       | 1M         | Resistor, 1/4W                          |                                 |
| R5       | 680R       | Resistor, 1/4W                          |                                 |
| R100     | 4K7        | Resistor, 1/4W                          | * LED current limiting resistor |
|          |            | , |                                 |
| C1       | 100p       | Ceramic capacitor                       |                                 |
| C2       | 220n       | Film capacitor, 7.2 x 5.0mm             |                                 |
| C3       | 10u        | Electrolytic capacitor, 5mm             |                                 |
| C4<br>C5 | 220n       | Film capacitor, 7.2 x 5.0mm             |                                 |
| C5       | 15n        | Film capacitor, 7.2 x 2.5mm             |                                 |
| C6<br>C7 | 220n       | Film capacitor, 7.2 x 5.0mm             |                                 |
| C7       | 1n         | Film capacitor, 7.2 x 2.5mm             |                                 |
| C8       | 100n       | Film capacitor, 7.2 x 2.5mm             |                                 |
| C100     | 100u       | Electrolytic capacitor, 5mm             |                                 |
| C101     | 10u        | Electrolytic capacitor, 5mm             |                                 |
| C102     | 10u        | Electrolytic capacitor, 5mm             |                                 |
|          | -          |   |                                 |
| D100     | 1N5817     | Schottky diode, DO-41                   |                                 |
| D101     | 1N5817     | Schottky diode, DO-41                   |                                 |
| D102     | 1N5817     | Schottky diode, DO-41                   |                                 |
|          |            | , , ,                                   |                                 |
| Q1       | 2N5458     | JFET transistor, N-channel              |                                 |
| Q2       | 2N5458     | JFET transistor, N-channel              |                                 |
|          |            | ,                                       |                                 |
| IC100    | TC1044SCPA | Charge pump IC, DIP8                    |                                 |
|          |            |   |                                 |
| BIAS1    | 10K        | Trimmer potentiometer, 3362P type       |                                 |
| BIAS2    | 10K        | Trimmer potentiometer, 3362P type       |                                 |
|          | -          | , |                                 |
| VOLUME   | B250K      | 16mm right-angle PCB mount pot          |                                 |
|          |            | J J J                                   |                                 |
| TREBLE   | ON/ON      | Toggle switch, SPDT                     | 2-position (ON/ON)              |
| GAIN     | ON/ON      | Toggle switch, SPDT                     | 2-position (ON/ON)              |
|          |            | ,                                       |                                 |
|          |            |   |                                 |
|          |            |   |                                 |
|          |            |   |                                 |
|          |            |   |                                 |
|          |            |   |                                 |
|          |            |   |                                 |
|          |            |   |                                 |
|          |            |   |                                 |
|          |            |   |                                 |
|          |            |   |                                 |
|          |            |   |                                 |
|          |            |   |                                 |
|          |            | · ·                                     | 1                               |

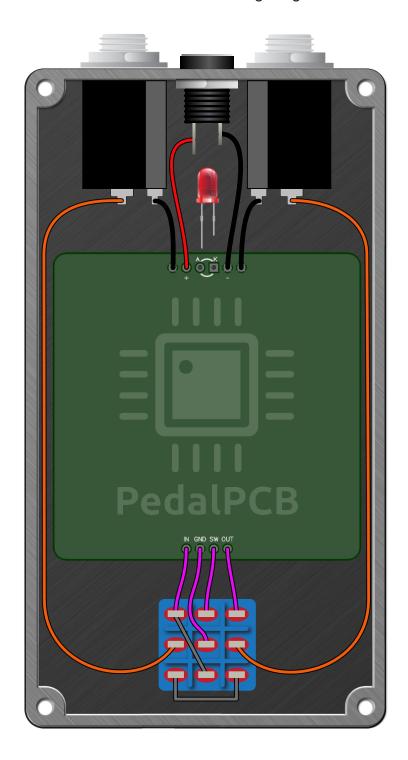


Schematic Diagram





Wiring Diagram





# Drill Template 125B Enclosure

