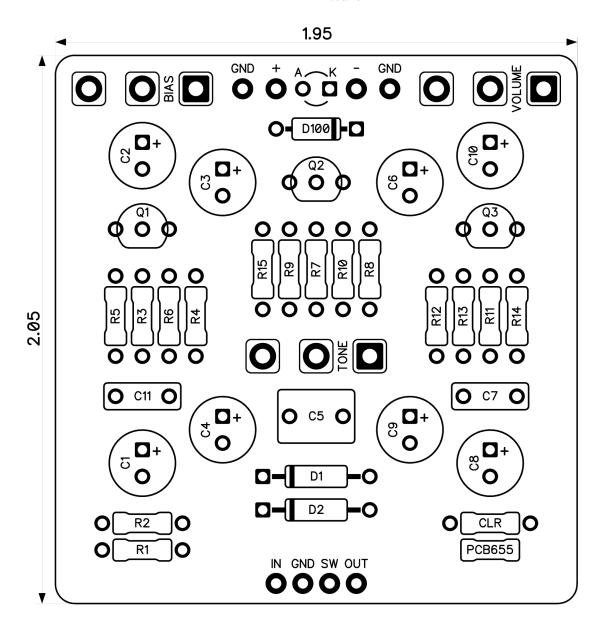


Revised 12/30/23



CONTROLS AND FEATURES

- Volume
- Tone
- Bias

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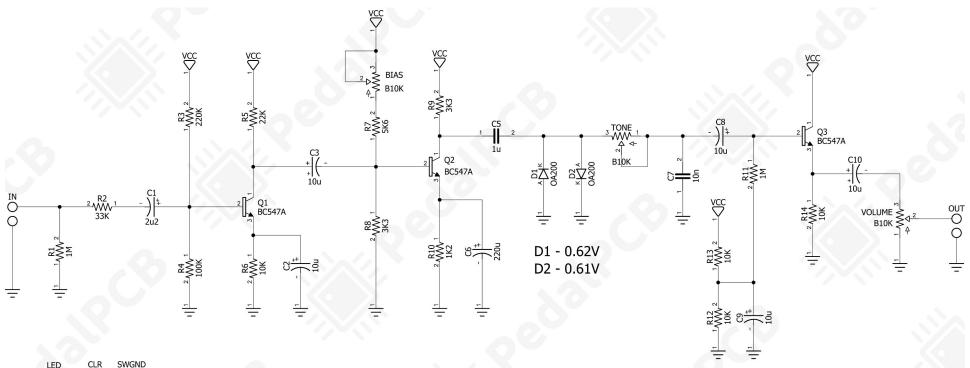


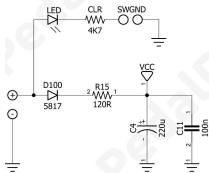
Parts List (Page 1 of 1)

| LOCATION | VALUE | TYPE | NOTES |
|----------|------------------|--------------------------------|---------------------------------|
| R1 | 1M | Resistor, 1/4W | |
| R2 | 33K | Resistor, 1/4W | |
| R3 | 220K | Resistor, 1/4W | |
| R4 | 100K | Resistor, 1/4W | |
| R5 | 22K | Resistor, 1/4W | |
| R6 | 10K | Resistor, 1/4W | |
| R7 | 5K6 | Resistor, 1/4W | |
| R8 | 3K3 | Resistor, 1/4W | |
| R9 | 3K3 | Resistor, 1/4W | |
| R10 | 1K2 | Resistor, 1/4W | |
| R11 | 1M | Resistor, 1/4W | |
| R12 | 10K | Resistor, 1/4W | |
| R13 | 10K | Resistor, 1/4W | |
| R14 | 10K | Resistor, 1/4W | |
| R15 | 120R | Resistor, 1/4W | |
| CLR | 4K7 | Resistor, 1/4W | * LED current limiting resistor |
| OLIX | 71\(1 | 10313101, 17477 | LED carrent infining resistor |
| C1 | 2u2 | Electrolytic capacitor, 5mm | |
| C2 | 10u | Electrolytic capacitor, 5mm | |
| | 10u | Electrolytic capacitor, 5mm | |
| C3 C4 | 220u | Electrolytic capacitor, 5mm | |
| C5 | 1u | Film capacitor, 7.2 x 5.0mm | |
| C6 | 220u | Electrolytic capacitor, 5mm | |
| C7 | 10n | Film capacitor, 7.2 x 2.5mm | |
| C8 | 1011 | Electrolytic capacitor, 5mm | |
| C9 | 10u | Electrolytic capacitor, 5mm | |
| C10 | 10u | | |
| C10 | 100n | Electrolytic capacitor, 5mm | |
| CII | 10011 | Film capacitor, 7.2 x 2.5mm | |
| D4 | 04200 | Ciliaan diada DO 25 | |
| D1 | OA200 | Silicon diode, DO 35 | |
| D2 | OA200 | Silicon diode, DO-35 | |
| D100 | 1N5817 | Schottky diode, DO-41 | |
| 01 | DCE 47A | DIT transiator NDN TO 02 | |
| Q1 | BC547A BC547A | BJT transistor, NPN TO-92 | |
| Q2 Q3 | | BJT transistor, NPN TO-92 | |
| Q3 | BC547A | BJT transistor, NPN TO-92 | |
| VOLUME | DAOL | 16mm right angle DOD | |
| VOLUME | B10K | 16mm right-angle PCB mount pot | |
| TONE | B10K | 16mm right-angle PCB mount pot | |
| BIAS | B10K | 16mm right-angle PCB mount pot | |
| | | | |
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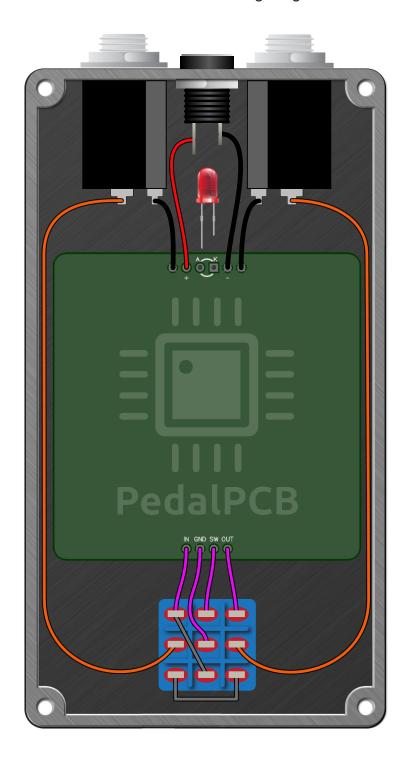
Schematic Diagram







Wiring Diagram





Drill Template
125B Enclosure

