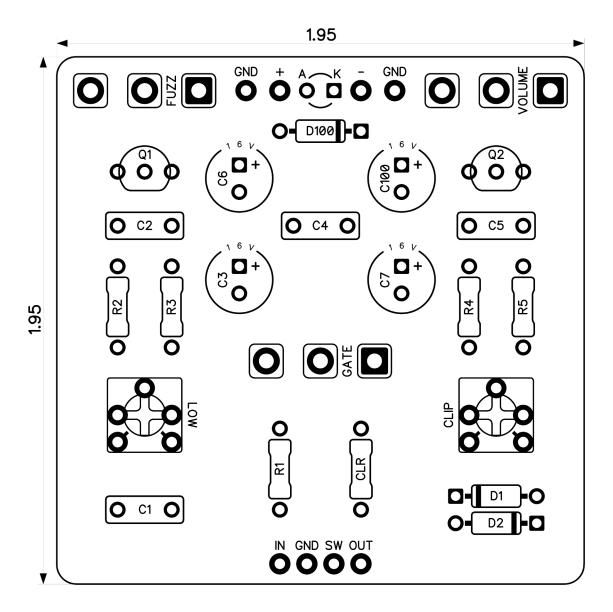


Revised 12/11/23



CONTROLS AND FEATURES

- Volume
- Gate
- Fuzz
- Clip (Internal trim pot)Low (Internal trim pot)

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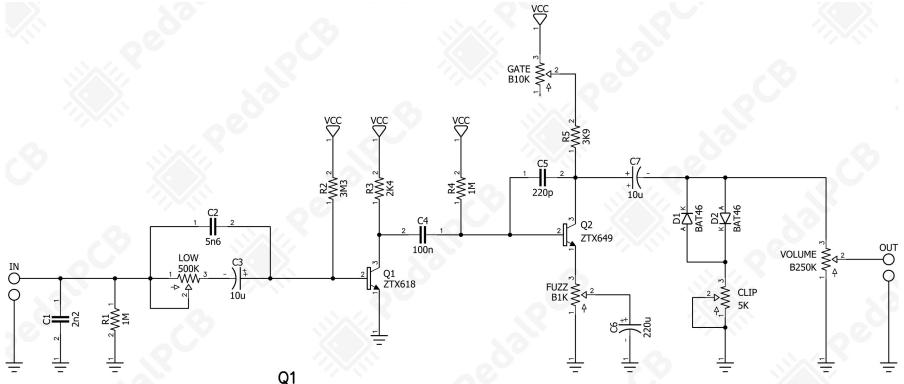


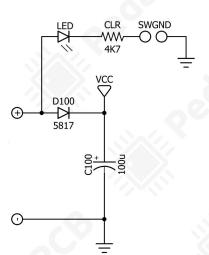
Parts List (Page 1 of 1)

| LOCATION | VALUE | TYPE | NOTES |
|----------|---------|-----------------------------------|---------------------------------|
| R1 | 1M | Resistor, 1/4W | |
| R2 | 3M3 | Resistor, 1/4W | |
| R3 | 2K4 | Resistor, 1/4W | |
| R4 | 1M | Resistor, 1/4W | |
| R5 | 3K9 | Resistor, 1/4W | |
| CLR | 4K7 | Resistor, 1/4W | * LED current limiting resistor |
| | | | |
| C1 | 2n2 | Film capacitor, 7.2 x 2.5mm | |
| C2 | 5n6 | Film capacitor, 7.2 x 2.5mm | |
| C3 | 10u | Electrolytic capacitor, 5mm | |
| C4 | 100n | Film capacitor, 7.2 x 2.5mm | |
| C4 C5 | 220p | Ceramic capacitor | |
| C6 | 220u | Electrolytic capacitor, 5mm | |
| C7 | 10u | Electrolytic capacitor, 5mm | |
| C100 | 100u | Electrolytic capacitor, 5mm | |
| C 100 | 1000 | Electrolytic capacitor, Smill | |
| D1 | BAT46 | Cignal diada DO 25 | |
| | | Signal diode, DO-35 | |
| D2 | BAT46 | Signal diode, DO-35 | |
| D100 | 1N5817 | Schottky diode, DO-41 | |
| | 77)(040 | DIT NDN TO CO | (0) |
| Q1 | ZTX618 | BJT transistor, NPN TO-92 | (See schematic for specs) |
| Q2 | ZTX649 | BJT transistor, NPN TO-92 | (See schematic for specs) |
| OL ID | F1.4 | T: | |
| CLIP | 5K | Trimmer potentiometer, 3362P type | |
| LOW | 500K | Trimmer potentiometer, 3362P type | |
| VOLUME | DOFOLG | 10 :14 DOD | |
| VOLUME | B250K | 16mm right-angle PCB mount pot | |
| GATE | B10K | 16mm right-angle PCB mount pot | |
| FUZZ | B1K | 16mm right-angle PCB mount pot | |
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Schematic Diagram



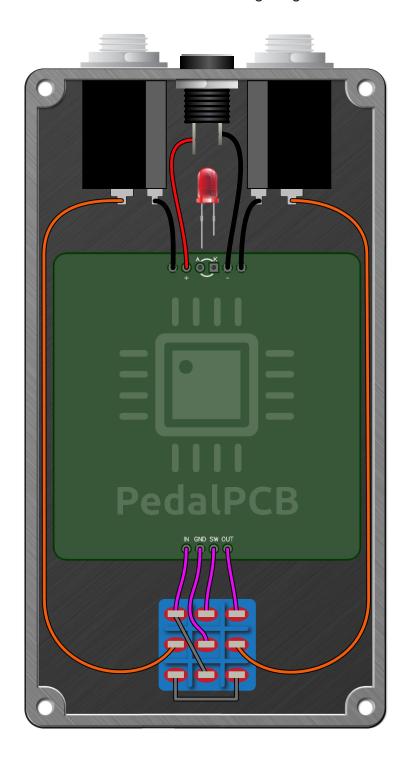


hFE=435 at lc=4.99mA Vbe=0.721V at lb=5.00mA VceSat=0.003V at lc=5.0mA and lb=1.00mA lcLeak=0.000mA

Q2 hFE=183 at lc=5.01mA Vbe=0.696V at lb=5.00mA VceSat=0.024V at lc=5.0mA and lb=1.00mA lcLeak=0.000mA



Wiring Diagram





Drill Template

125B Enclosure

