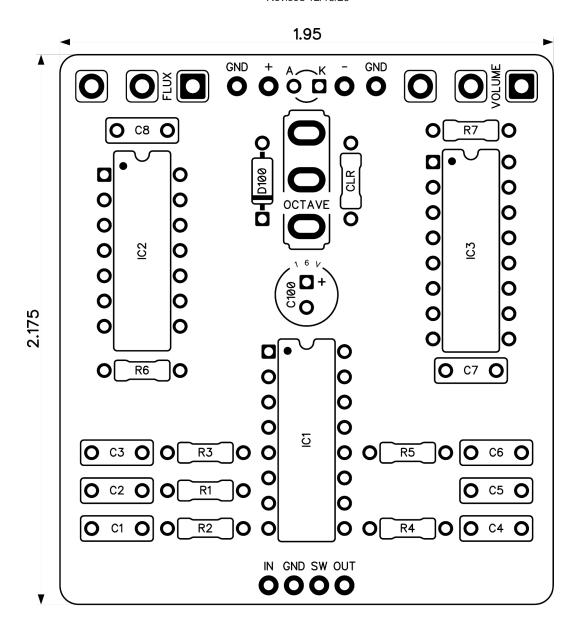


Revised 12/18/23



#### **CONTROLS AND FEATURES**

- Volume
- Flux
- Octave (Toggle switch)

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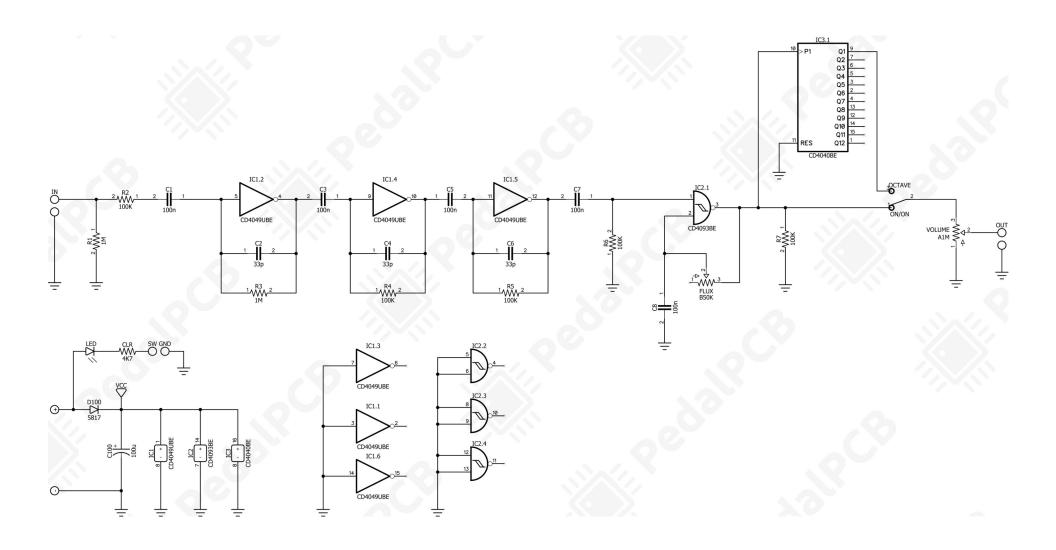


Parts List (Page 1 of 1)

| LOCATION | VALUE      | TYPE                            | NOTES                           |
|----------|------------|---------------------------------|---------------------------------|
| R1       | 1M         | Resistor, 1/4W                  |                                 |
| R2       | 100K       | Resistor, 1/4W                  |                                 |
| R3       | 1M         | Resistor, 1/4W                  |                                 |
| R4       | 100K       | Resistor, 1/4W                  |                                 |
| R5       | 100K       | Resistor, 1/4W                  |                                 |
| R6       | 100K       | Resistor, 1/4W                  |                                 |
| R7       | 100K       | Resistor, 1/4W                  |                                 |
| CLR      | 4K7        | Resistor, 1/4W                  | * LED current limiting resistor |
| 02.1     |            | 1 (30.00), 17 111               |                                 |
| C1       | 100n       | Film capacitor, 7.2 x 2.5mm     |                                 |
| C2       | 33p        | Ceramic capacitor               |                                 |
| C3       | 100n       | Film capacitor, 7.2 x 2.5mm     |                                 |
| C4       | 33p        | Ceramic capacitor               |                                 |
| C5       | 100n       | Film capacitor, 7.2 x 2.5mm     |                                 |
| C6       | 33p        | Ceramic capacitor               |                                 |
| C7       | 100n       | Film capacitor, 7.2 x 2.5mm     |                                 |
| C8       | 100n       | Film capacitor, 7.2 x 2.5mm     |                                 |
| C100     | 100H       | Electrolytic capacitor, 5mm     |                                 |
| C 100    | 1000       | Electrolytic capacitor, 5mm     |                                 |
| D100     | 1N5817     | Schottky diode, DO-41           |                                 |
| D 100    | INSOIT     | Schottky diode, DO-41           |                                 |
| IC1      | CD4049UBE  | CMOS Hex Inverter               |                                 |
| IC2      | CD4093BE   | CMOS Quad Schmitt Trigger       |                                 |
| IC3      | CD4040BE   | CMOS Binary Counter/Divider     |                                 |
|          | OB 10 10BE | Civide Billary Counter/Bivider  |                                 |
| VOLUME   | A1M        | 16mm right-angle PCB mount pot  |                                 |
| FLUX     | B50K       | 16mm right-angle PCB mount pot  |                                 |
| . 2071   | 20011      | Tomming it angle : 32 mount pot |                                 |
| OCTAVE   | ON/ON      | Toggle switch, SPDT             | 2-position (ON/ON)              |
|          |            | 1-99:                           | (                               |
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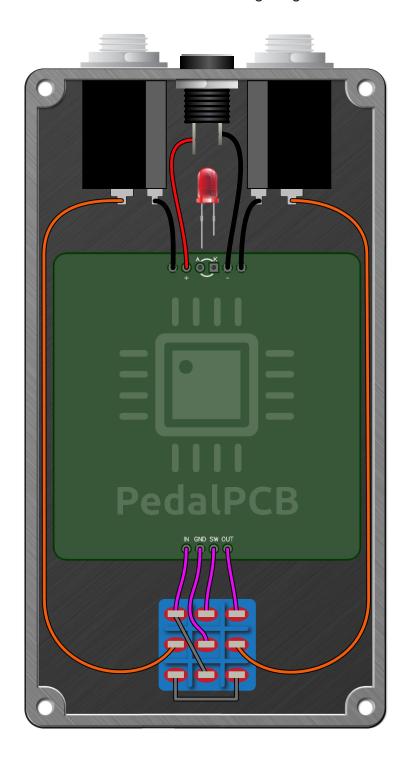


# Insurgent Octave Fuzz Schematic Diagram





Wiring Diagram





Drill Template

125B Enclosure

