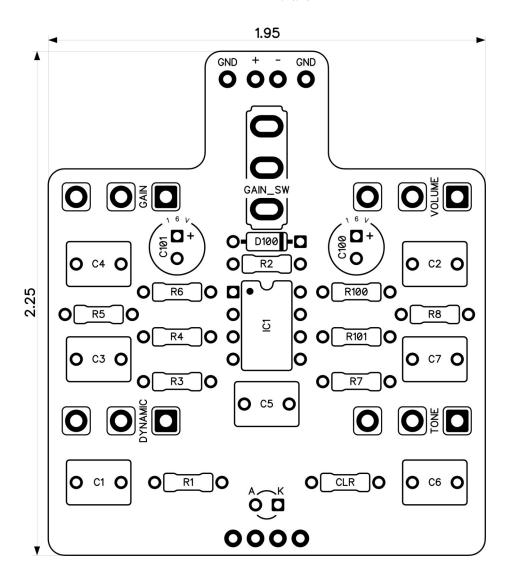


#### **Crystal Lettuce Overdrive (Black)**

Revised 7/10/23



#### **CONTROLS AND FEATURES**

- Volume
- Gain
- Tone
- Dynamic
- Gain (Toggle switch)

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# PedalPCB Crystal Lettuce Overdrive (Black)

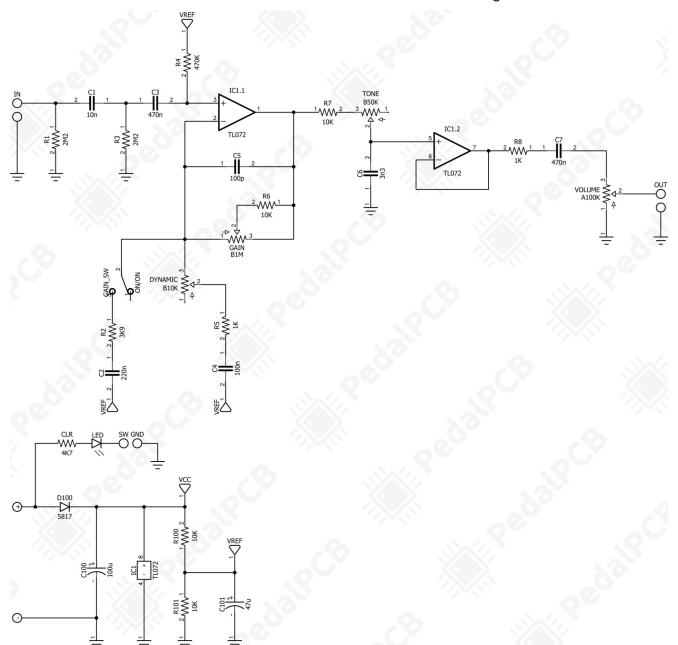
Parts List (Page 1 of 1)

| LOCATION             | VALUE   | TYPE                           | NOTES                           |
|----------------------|---------|--------------------------------|---------------------------------|
| R1                   | 2M2     | Resistor, 1/4W                 |                                 |
| R2                   | 3K9     | Resistor, 1/4W                 |                                 |
| R3                   | 2M2     | Resistor, 1/4W                 |                                 |
| R4                   | 470K    | Resistor, 1/4W                 |                                 |
| R5                   | 1K      | Resistor, 1/4W                 |                                 |
| R6                   | 10K     | Resistor, 1/4W                 |                                 |
| R7                   | 10K     | Resistor, 1/4W                 |                                 |
| R8                   | 1K      | Resistor, 1/4W                 |                                 |
| R100                 | 10K     | Resistor, 1/4W                 |                                 |
| R101                 | 10K     | Resistor, 1/4W                 |                                 |
| CLR                  | 4K7     | Resistor, 1/4W                 | * LED current limiting resistor |
| CLK                  | 4r\1    | Resistor, 1/4VV                | LED current illilling resistor  |
| C1                   | 10n     | Film conscitor 7.2 v 2.5 mm    |                                 |
| C1                   | 10n     | Film capacitor, 7.2 x 2.5mm    |                                 |
| <u> </u>             | 220n    | Film capacitor, 7.2 x 5.0mm    |                                 |
| <u>სპ</u>            | 470n    | Film capacitor, 7.2 x 5.0mm    |                                 |
| C2<br>C3<br>C4<br>C5 | 100n    | Film capacitor, 7.2 x 2.5mm    |                                 |
| <u>C5</u>            | 100p    | Ceramic capacitor              |                                 |
| C6                   | 3n3     | Film capacitor, 7.2 x 2.5mm    |                                 |
| C7                   | 470n    | Film capacitor, 7.2 x 5.0mm    |                                 |
| C100                 | 100u    | Electrolytic capacitor, 5mm    |                                 |
| C101                 | 47u     | Electrolytic capacitor, 5mm    |                                 |
| D100                 | 1N5817  | Schottky diode, DO-41          |                                 |
| IC1                  | TL072   | Dual op-amp, DIP8              |                                 |
| VOLUME               | A 40016 | 10 :11   DOD                   |                                 |
| VOLUME               | A100K   | 16mm right-angle PCB mount pot |                                 |
| GAIN                 | B1M     | 16mm right-angle PCB mount pot |                                 |
| TONE                 | B50K    | 16mm right-angle PCB mount pot |                                 |
| DYNAMIC              | B10K    | 16mm right-angle PCB mount pot |                                 |
| GAIN SW              | ON/ON   | Toggle switch, SPDT            | 2-position (ON/ON)              |
|                      | OIN/OIN | Toggic switch, or D1           | 2-position (014/014)            |
|                      |         |                                |                                 |
|                      |         |                                |                                 |
|                      |         |                                |                                 |
|                      |         |                                |                                 |
|                      |         |                                |                                 |
|                      |         |                                |                                 |
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|                      |         |                                |                                 |



### **Crystal Lettuce Overdrive (Black)**

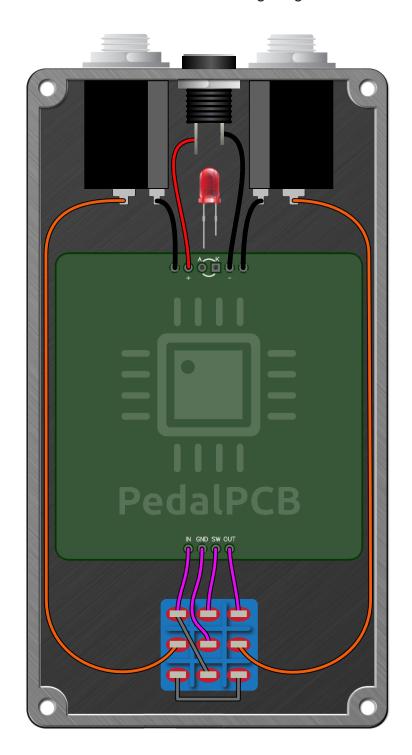
Schematic Diagram





## PedalPCB Crystal Lettuce Overdrive (Black)

Wiring Diagram





### PedalPCB Crystal Lettuce Overdrive (Black)

**Drill Template** 125B Enclosure

