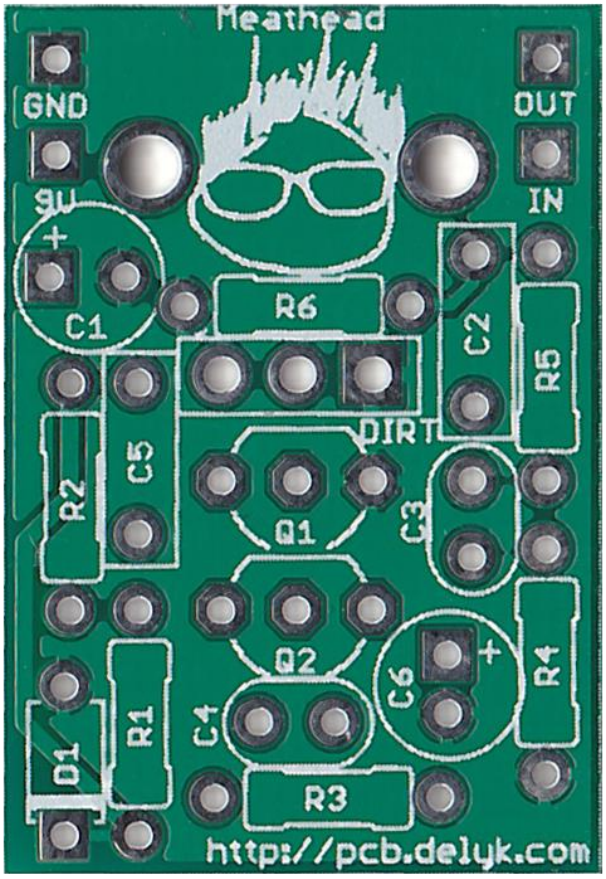



# Meathead

Build Document

## Capacitors

I obtained all of my caps from Tayda. That's what the layout was setup for.

| P/N | Value | Type |
|---|---|---|
| C1 | 47uF | Aluminum Electrolytic |
| C2 | 10nF | Film Box |
| C3 | 470pF | Ceramic |
| C4 | 47pF | Ceramic |
| C5 | 22nF | Film Box |
| C6 | 10uF | Aluminum Electrolytic |

## Diodes

I obtained all of my diodes from Tayda. That's what the layout was setup for.

| P/N | Value | Notes |
|---|---|---|
| D1 | 1N400x | Polarity protection. |

## Transistors

| P/N | Value | Notes |
|---|---|---|
| Q1 | 2N3904 | |
| Q2 | BC182L | I purchased mine from eBay. |

## Resistors

| P/N | Value |
|---|---|
| R1 | 18k |
| R2 | 820R |
| R3 | 4k7 |
| R4 | 1k |
| R5 | 120k |
| R6 | 1M |

## Potentiometers

| P/N | Value | Notes |
|---|---|---|
| DIRT | B500k | If wanting to do onboard pots, I recommend this one. |

## Notes

This is a very simple build. I have made no modifications to the schematic. Only a few things to note.

1. This can fit in a 1590A enclosure. However, it is very tight and does require precision drilling. It will fit easily in a 1590B, and should fit in a 1590G (I have not tested the G).
2. You can use a 16mm pot if you want, but the layout was designed to use a 9mm pot. If you use the 16mm pot, just offboard wire it.