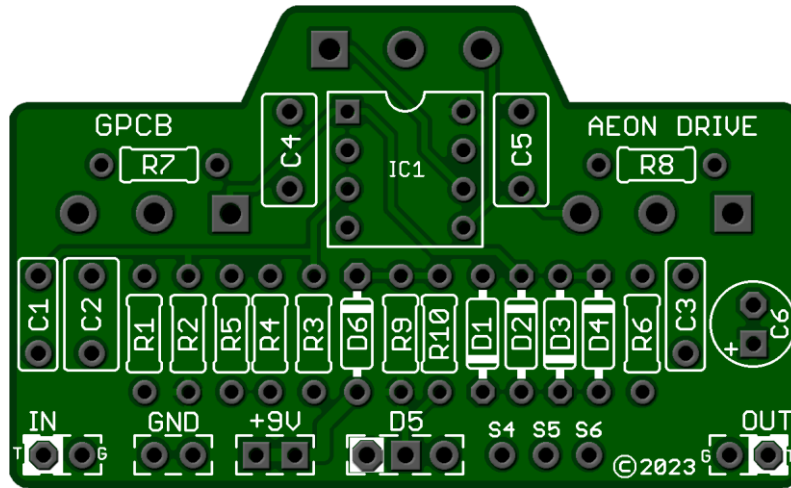


# AEON DRIVE 2023

Introducing the Aeon Drive PCB from GuitarPCB. This is for guitarists seeking thick leads while maintaining maximum transparency. Based on the Lovpedal Eternity circuit, this PCB allows you to create your own custom pedal with a similar tone. The Aeon Drive PCB will elevate your playing to new heights.



Board Dimensions (W x H) 2.05" x 1.25"

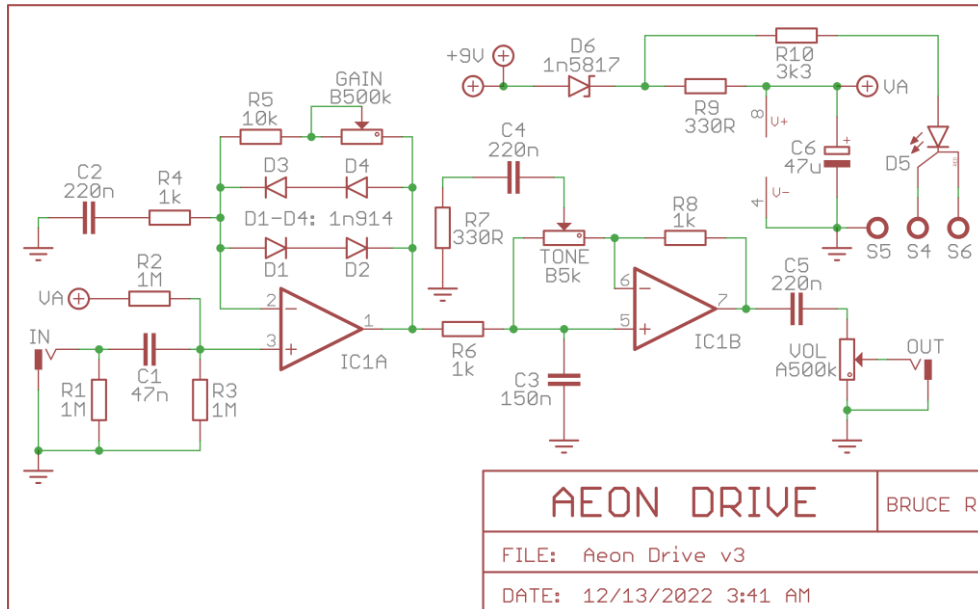
R1	1M	C1	47n	D1 - D4	1N914/1N4148
R2	1M	C2	220n		
R3	1M	C3	150n	D5	Status LED
R4	1k	C4	220n	D6	1N5817
R5	10k	C5	220n	GAIN	B500k
R6	1k	C6	47μ	TONE	B5k
R7	330R			VOL	A500k
R8	1k	IC1	4558 / TL072		
R9	330R				
R10	3k3				

## STATUS LED

\*D6 is a Status LED that can use either Bi-Color Common Anode or a Standard On/Off LED.

## New in this GuitarPCB 2023 release:

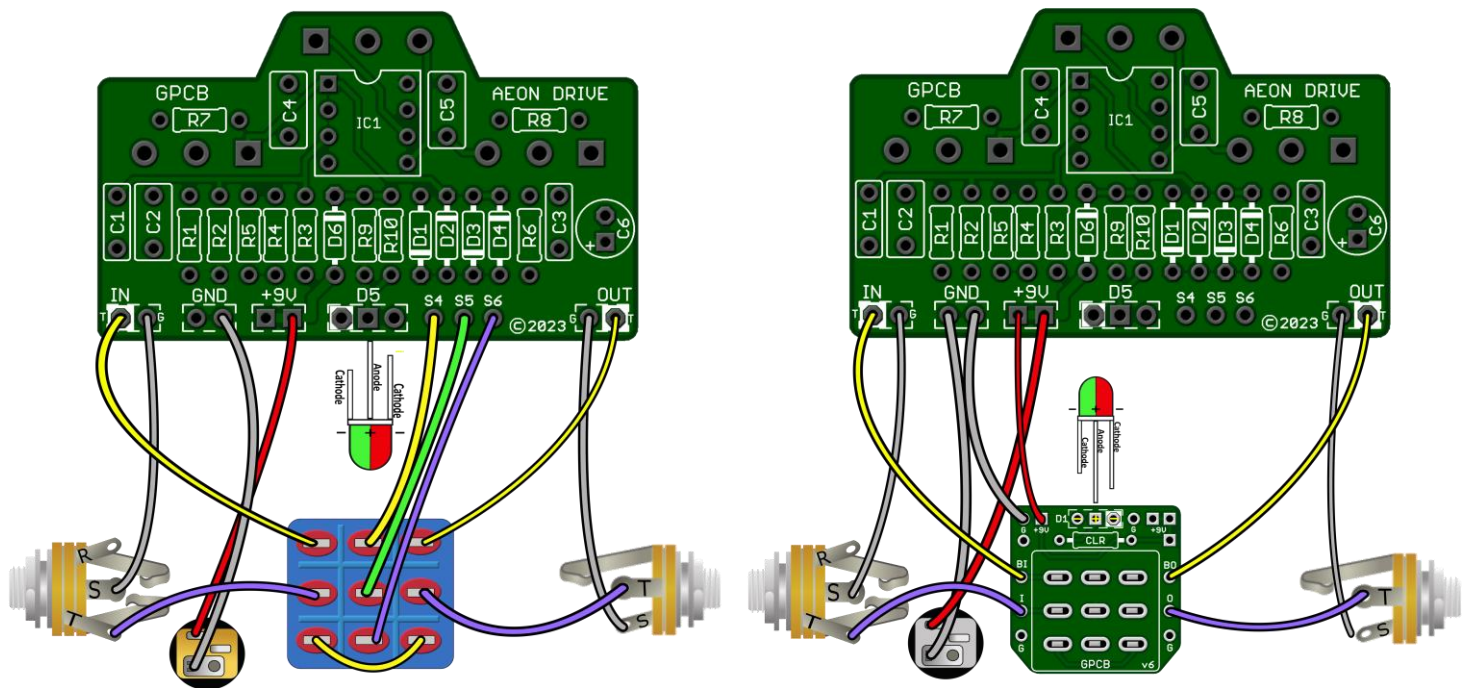
- 1N5817 circuit protection Diode
- Extra 9v and ground pads for convenient wiring in combo builds or mods.
- On-board potentiometers



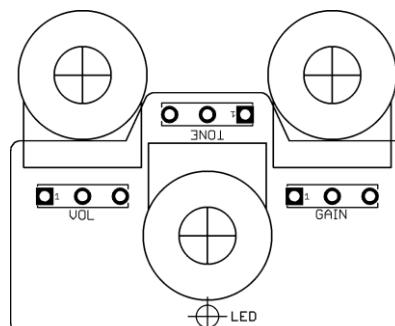
### MODIFICATIONS

- Op-amp –There are plenty of pin-compatible options that would fit in here- TL072, NE5532, NE4558, etc. If you use a socket, you can try different op-amps.
- Diodes – 1N4148 (1N914 will do equally as well), LED, germanium, or combinations of both.

### WIRING

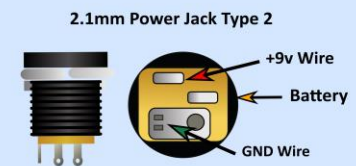
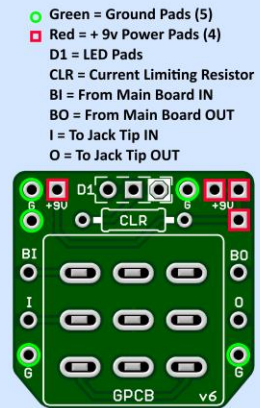
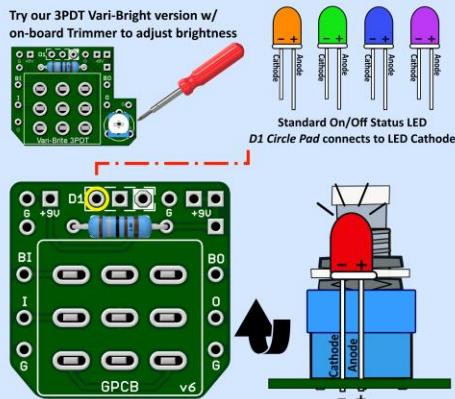
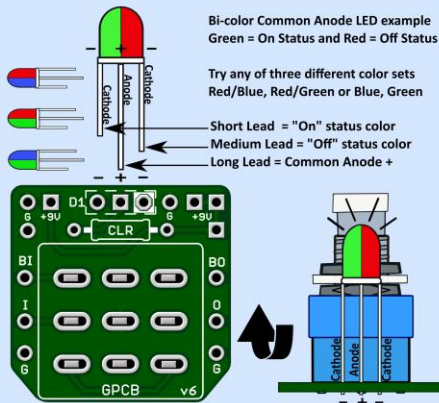


### Drill Template

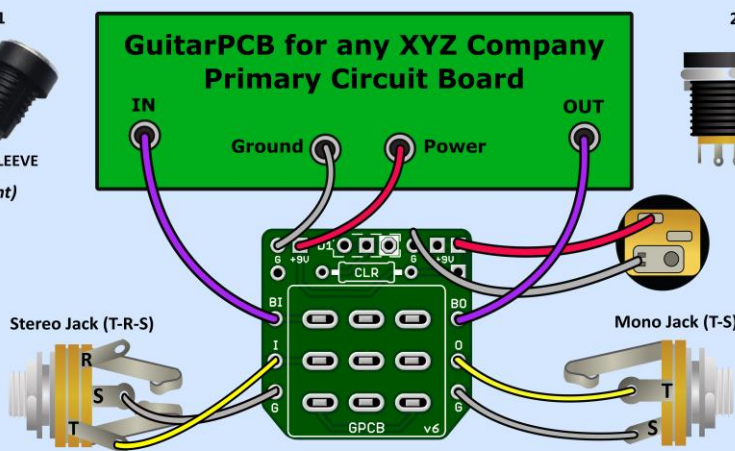




# GuitarPCB Tip Sheet

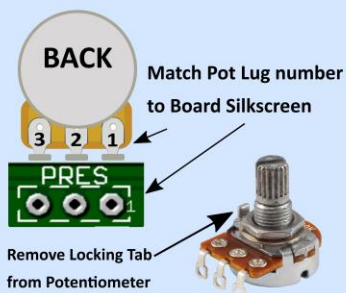


T = Tip  
R = Ring  
S = Sleeve

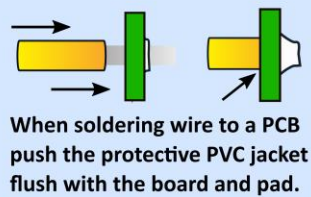
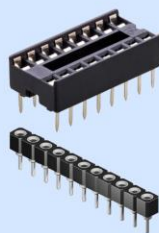


T = Tip  
S = Sleeve

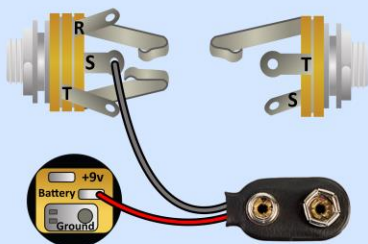
Multiple +9v and Ground Pads are convenient hookup points for additional circuits within the same enclosure. This also allows for diverse wiring schemes to suit individual needs.



Sockets make troubleshooting easier



Main Board IN/OUT Pads



## Input/Output Jack Wiring T = Tip | R = Ring | S = Sleeve

A Stereo Jack is only needed if using a Battery. Otherwise use a Mono Jack  
Battery Strap RED wire is connected to Power Jack  
Battery Strap Black wire is connected to RING (stereo jack)  
If wiring an LED to our 3PDT Wiring Board then S4, S5 & S6 are not needed

