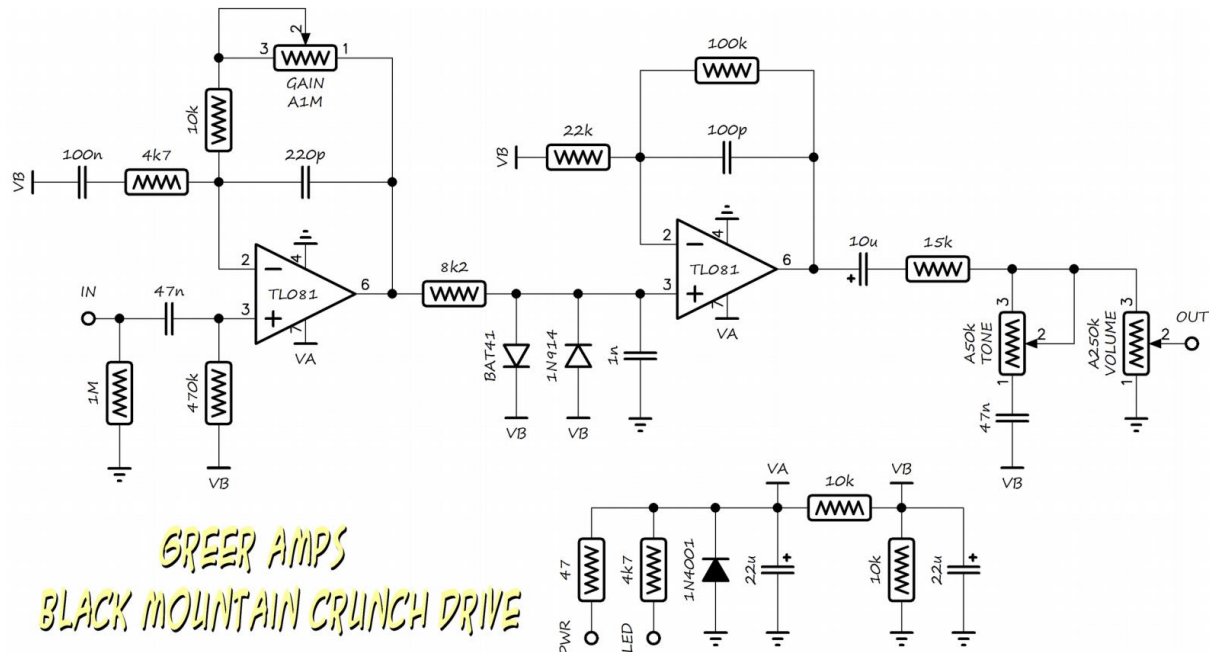
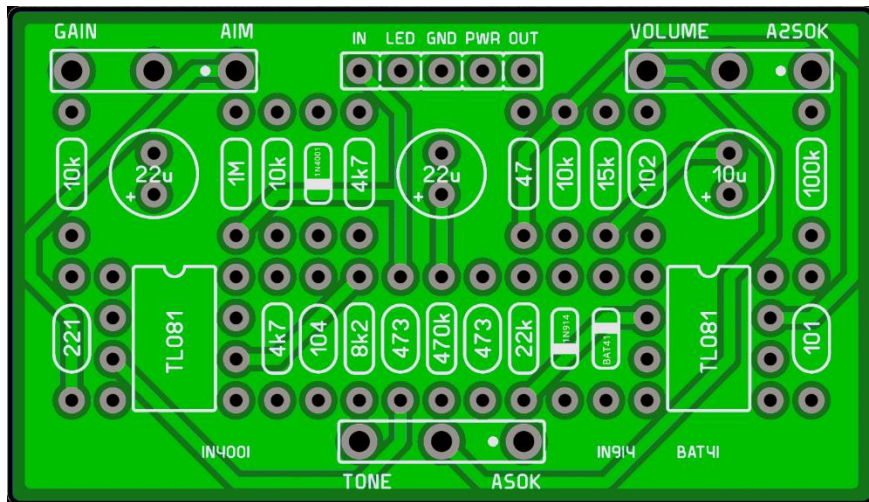
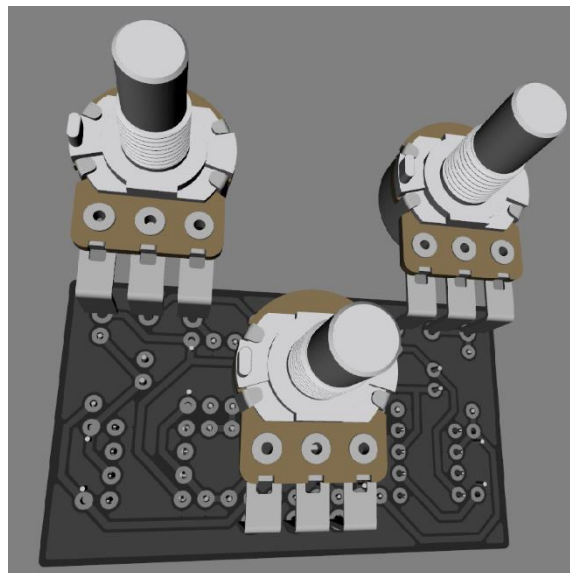
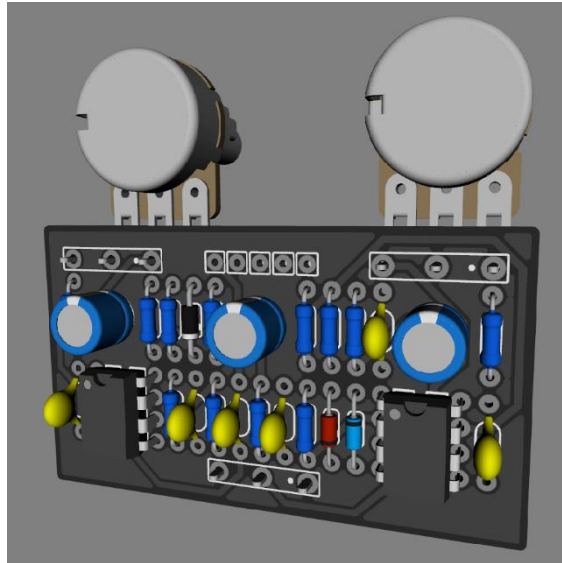

Bonus PCB based on the Greer Amps Black Mountain

This PCB is only available as a **Free Bonus PCB** with qualifying orders and **not available for sale**.

Based on the **Greer Amps Black Mountain**, this circuit comes from the same company that brought you the acclaimed *Lightspeed Overdrive*. It's a discrete analog design engineered to emulate the natural compression, touch response, and harmonic richness of an overdriven tube amplifier. A carefully tuned gain stage and clipping network deliver smooth, amp-like breakup with exceptional note definition and dynamic sensitivity, making it an ideal choice for players seeking organic, responsive drive tones.

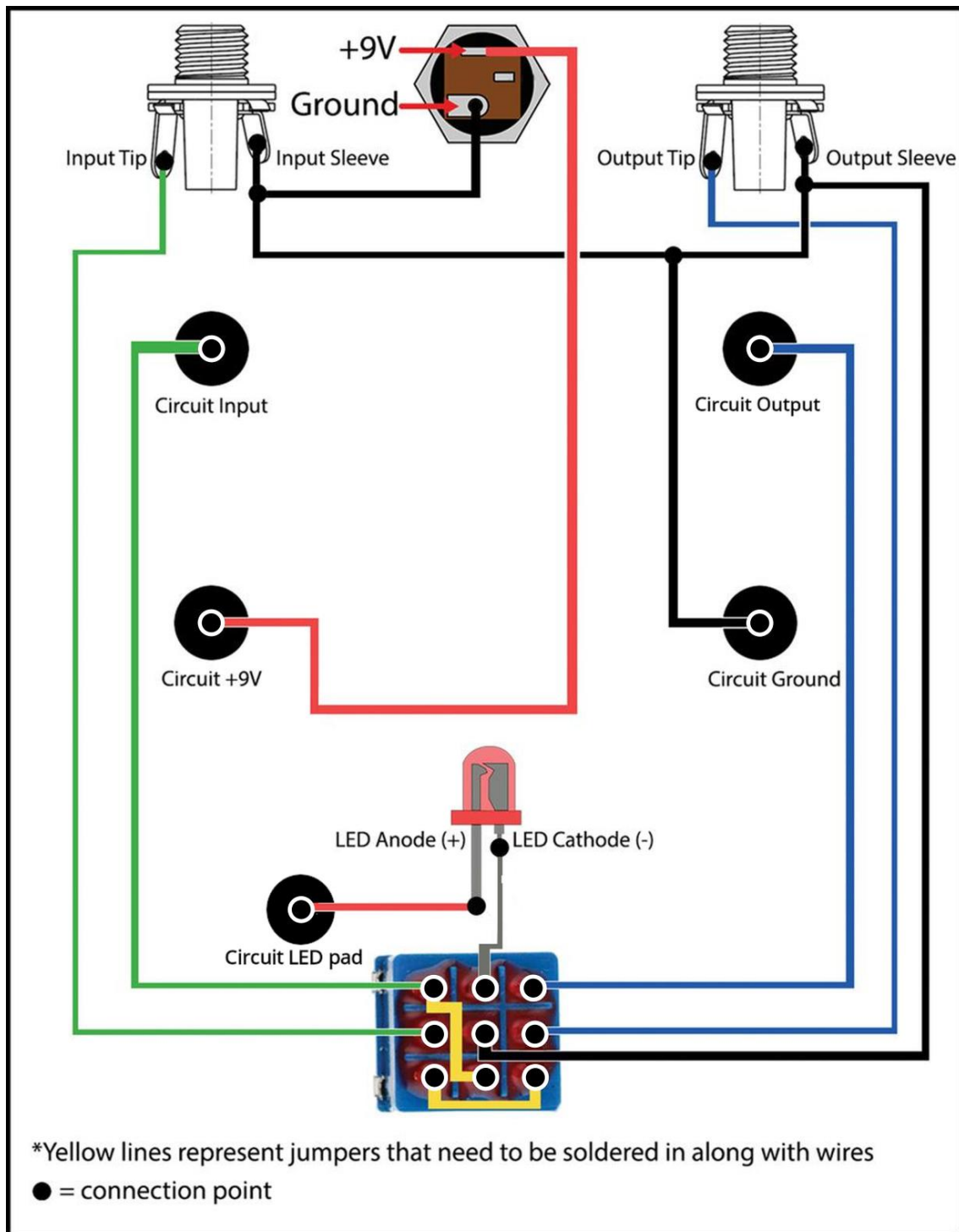
All component values and capacitor codes are printed directly on the PCB. Use this information in conjunction with the provided schematic and reference photos for assembly.





Use the link below to download a handy capacitor code chart:

<https://tinyurl.com/capacitor-codes>

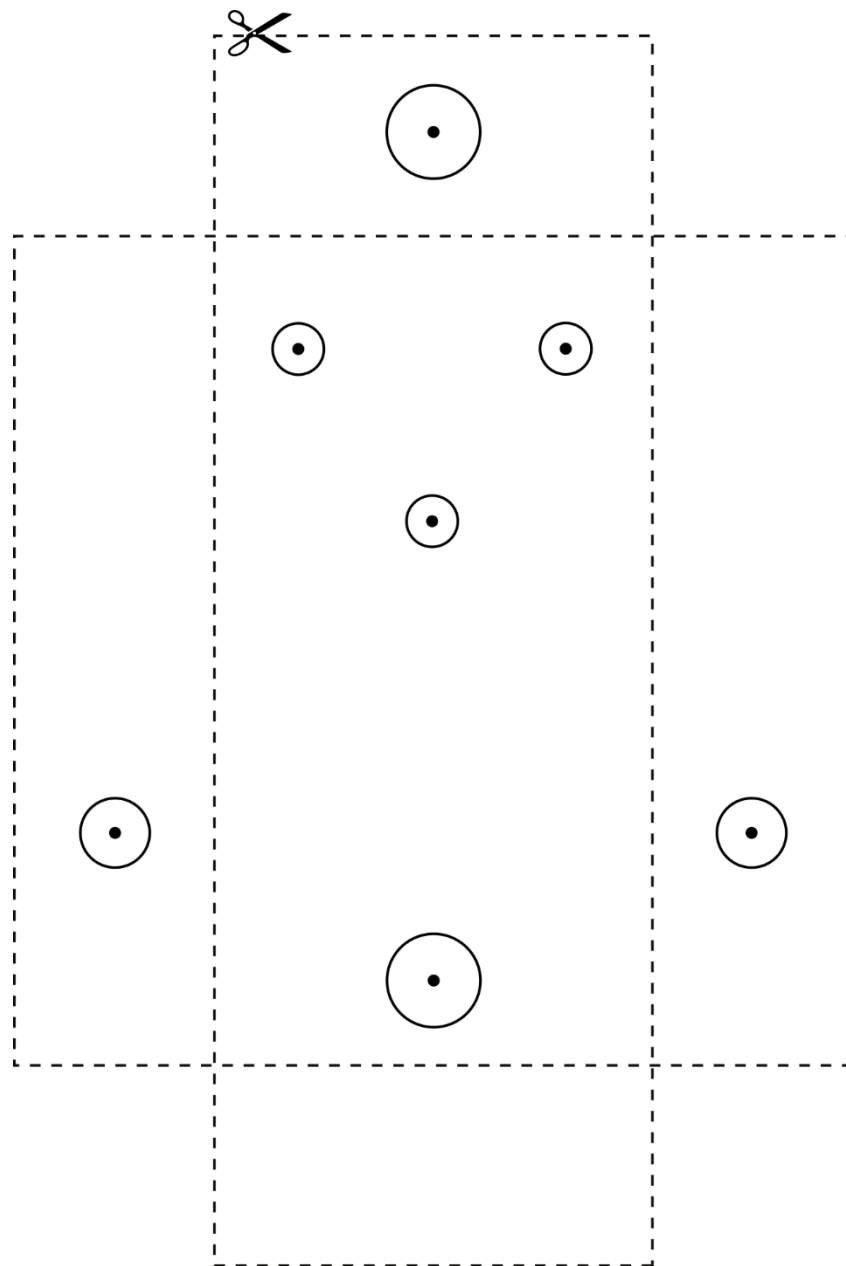


Wiring Guide Notes

This generic wiring diagram covers all required connections, though grounding methods can vary. I personally prefer making **star ground connections to the jack sleeve lugs**, as they are larger and more mechanically secure — but any method that maintains proper continuity is acceptable.

The ground wire connecting the Input and Output jacks is optional but recommended. While not strictly necessary, it adds reliability in case a jack loses contact with the enclosure.

If troubleshooting is needed, you can use a **Digital Multimeter (DMM) in continuity mode** to verify that all ground and signal connections are properly made using this chart.



Drill Template Note

A drill template is included for enclosure layout. Be sure to print at **100% scale** (Actual Size) — do **not** use “Fit to Page.”

 **Always verify the template against your actual PCB and assembled build** before drilling.

Attribution

This PCB layout was shared publicly on PCBWay by user **“Glory to Ukraine”**. It’s included here solely as a non-commercial bonus project. Thank you for making this available to the DIY community.

Note: 10% of the PCB cost is donated to the designer by the manufacturer.