



Turbocharger Kit Assembly

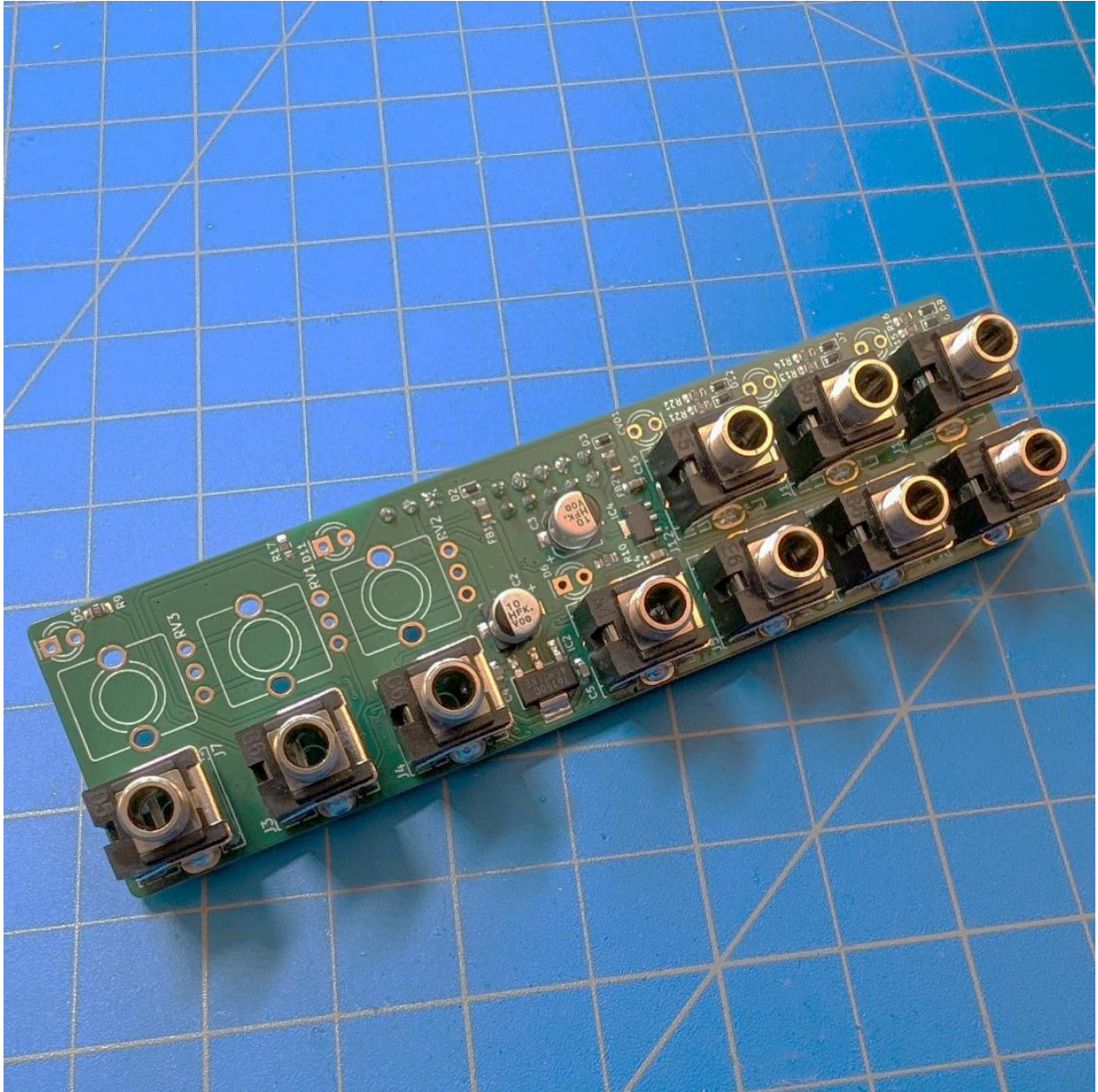
Kit Contents

- 1x Turbocharger Main PCB
- 1x Turbocharger Full Color Front Panel
- 10x Qingpu WQP-WQP518MA-BM 3.5mm Eurorack TS Mono Jacks
- 10x Knurled Jack Nuts
- 3x Song Huei 9mm Plastic Shaft Potentiometers L20 B100k
- 3x Hakai Labs Red LEDs
- 3x Hakai Labs CVD LEDs
- 1x LED Light Blocker
- 2x Knurlies
- 1x Hakai Labs 20cm Eurorack Power Cable



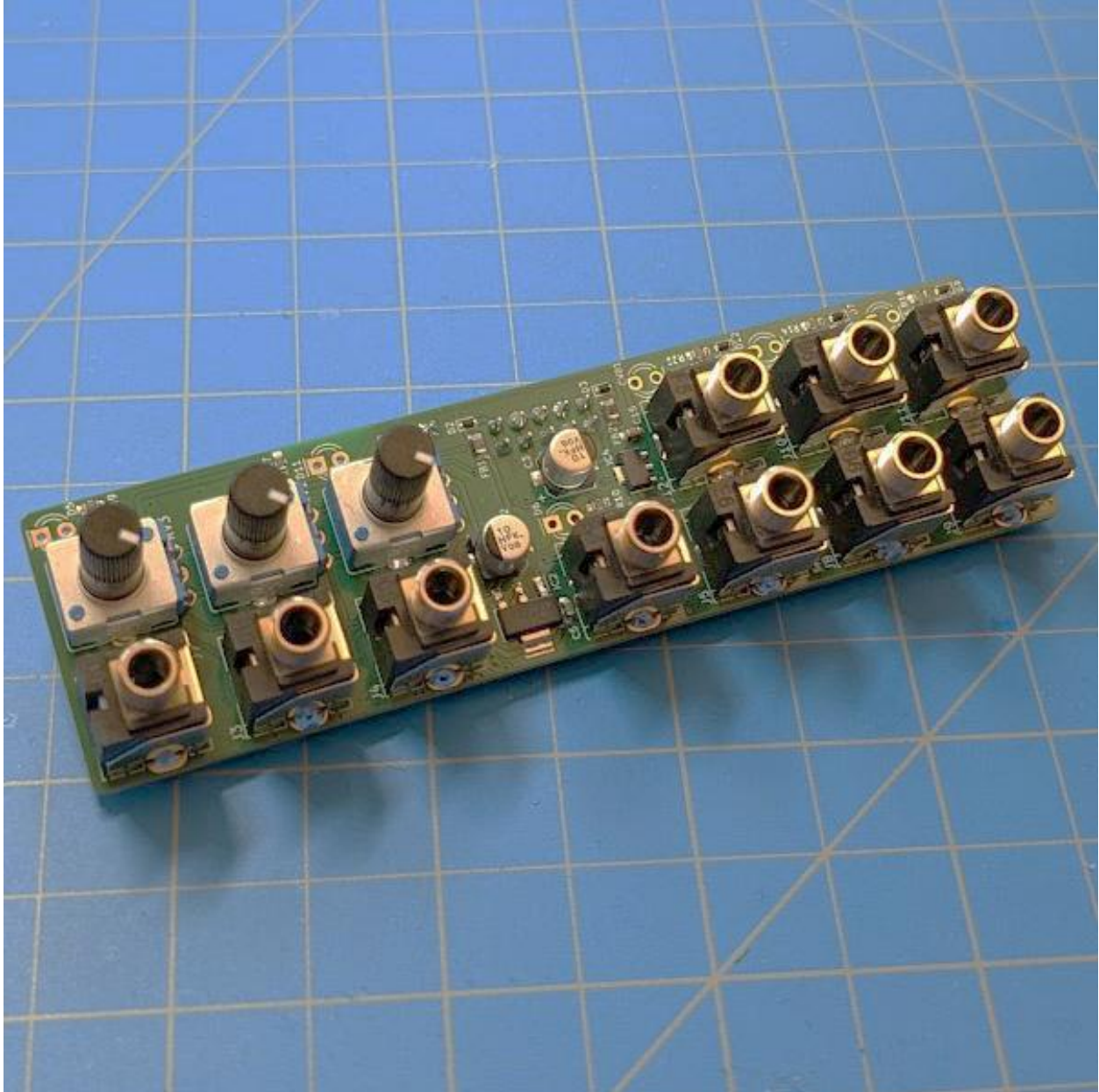
Step 1

Install the 10 WQP-WQP518MA-BM Jacks into the main board. You can use the front panel to help ensure alignment.



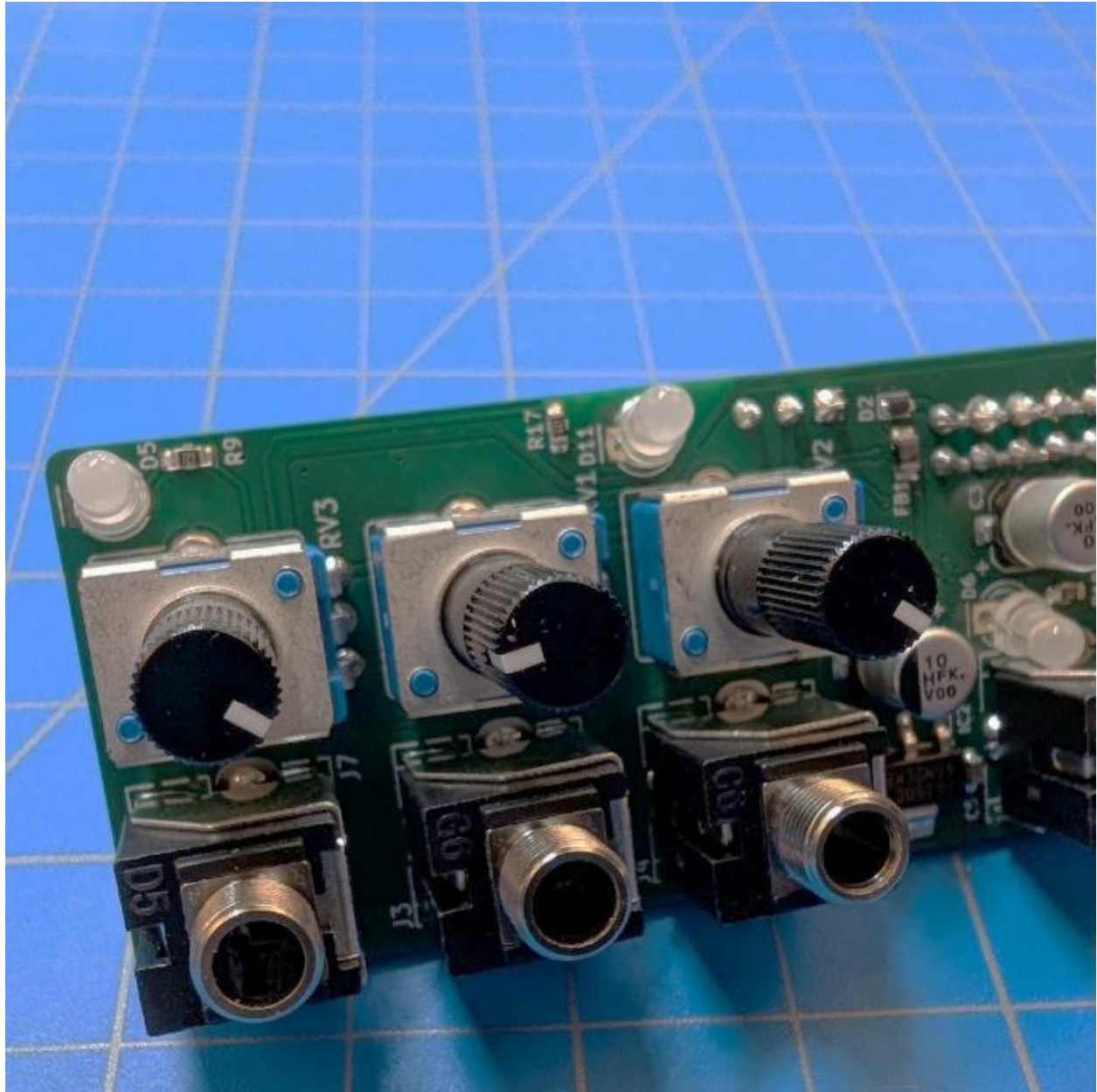
Step 2

Install the Song Huei 9mm Potentiometers. Again, you can use the front panel to be sure everything is aligned properly and smoothly turning. You may have to squeeze the outer clips in a bit as this is a nice tight mechanical fit.



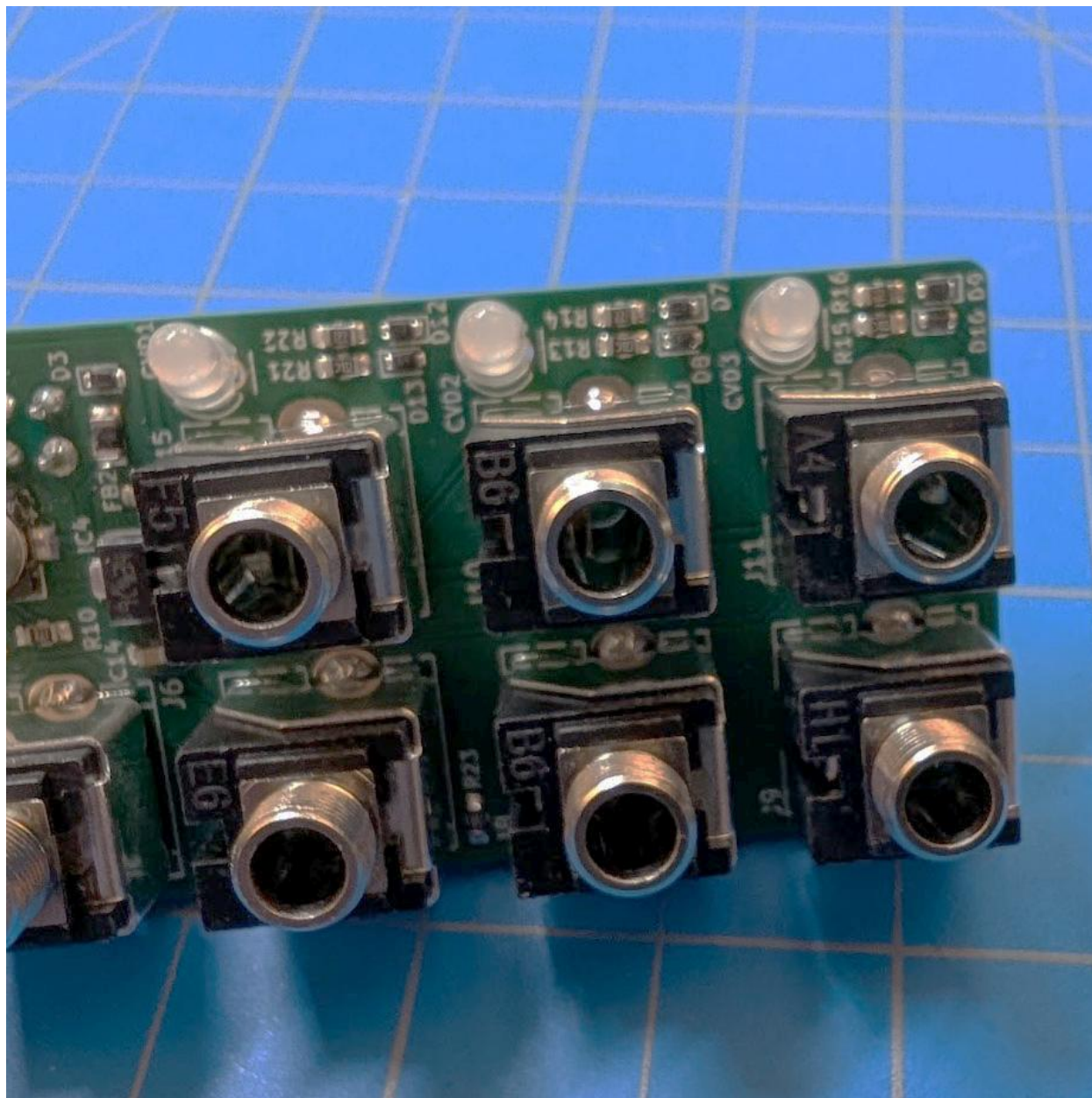
Step 3

Insert the **3 Red LEDs** into positions **D5, D6, and D11**. Do not solder these yet. Pay close attention to the lines on the silkscreen as these indicate the flat side of the diode epoxy. It is of utmost importance to get these LEDs in the proper orientation, or they will not function properly. **The short lead on the LED goes toward the line on the silkscreen**



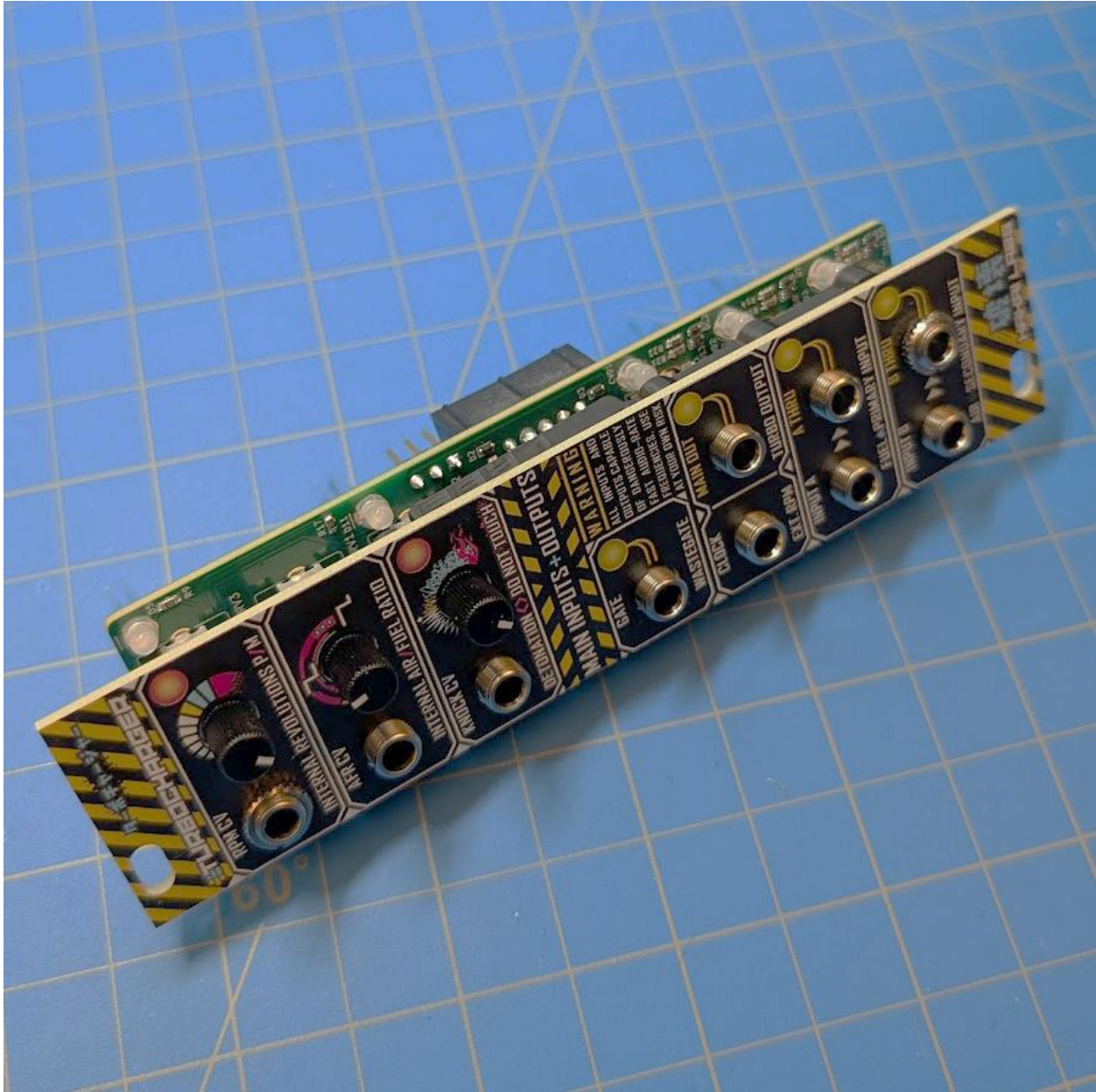
Step 4

Insert the **3 CVD LEDs** into positions **CVD1, CVD2, and CVD3**. Do not solder these yet. Pay close attention again to the lines on the silkscreen as these indicate the flat side of the diode epoxy. It is of utmost importance to get these LEDs in the proper orientation, or they will not function properly. **The short lead on the LED goes toward the line on the silkscreen**



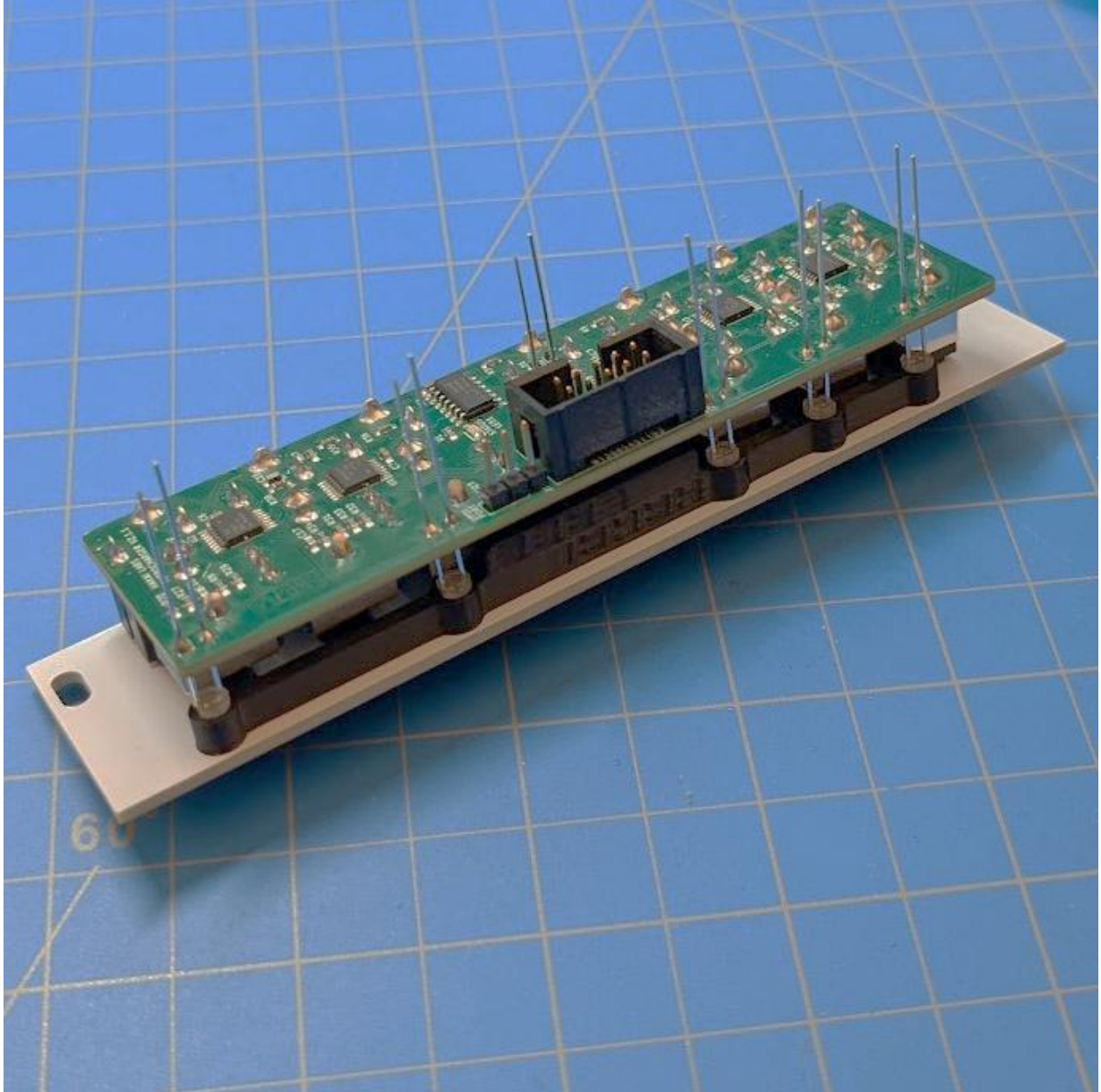
Step 5

Slip the LED Light Blocker into the assembly so it lines up approximately to the top of the LEDs then install the front panel and attach it with at least 2 of the knurled jack nuts to hold it securely in place.



Step 6

Flip over the assembly and align each of the LEDs inside the LED blocker and solder them in place in the position below. Also, double check the polarization of the LEDs. The leads should match the image below.



Step 7

Trim off the LED leads, install the rest of the knurled jack nuts and enjoy your new Turbocharger module!
We hope you love it! If you have any questions, please feel free to reach out to us at hello@danessidesigns.com.

