



To assemble your new module, follow the steps provided on the next few pages.

Assembling your module is straightforward. While all electronic components are pre-assembled, you will need to install and secure the hardware components. It's crucial to verify that all mechanical parts are properly aligned and placed correctly before soldering.

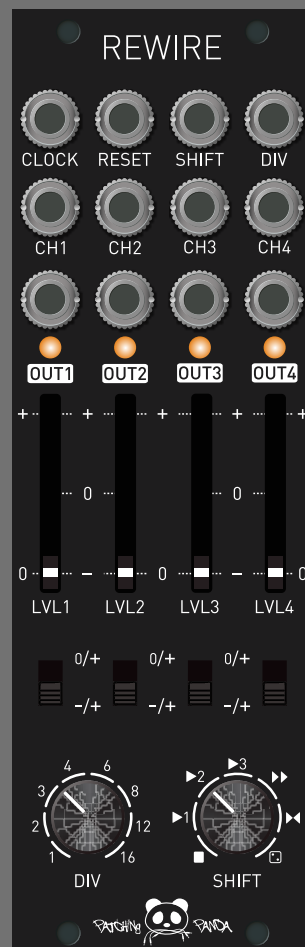
Be sure to double-check the orientation of each component to ensure everything is installed correctly.

Follow each step in order, and handle the components with care, as they are delicate high-tech electronics.

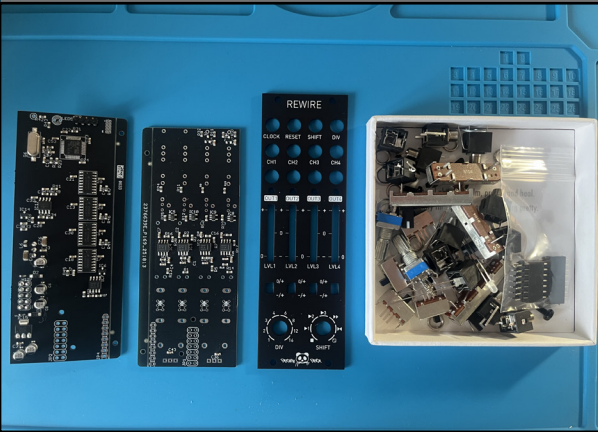
A Note on Electrostatic Discharge (ESD):

Electrostatic discharge (ESD) occurs when static electricity builds up and discharges, such as the small shock you might feel when touching a metal doorknob. ESD can damage sensitive electronic components. To protect your module circuitry during assembly:

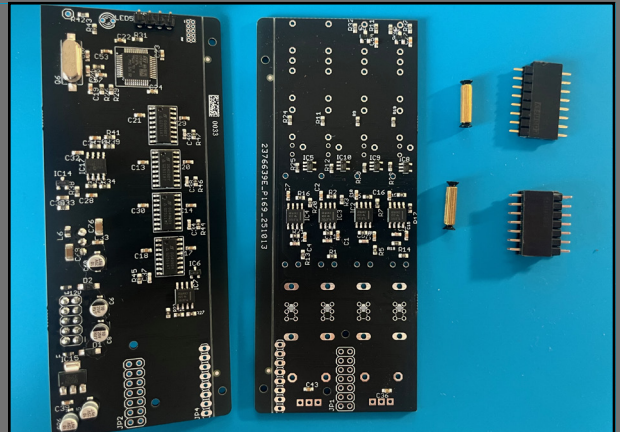
Ground yourself by touching a metal surface or a grounded object before handling the circuit board.



FOLLOW THIS STEPS FOR BUILDING THIS KIT



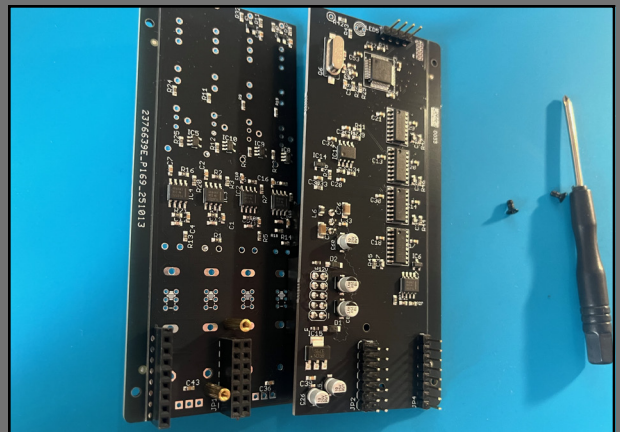
1. Prepare the parts to begin the assembly process.



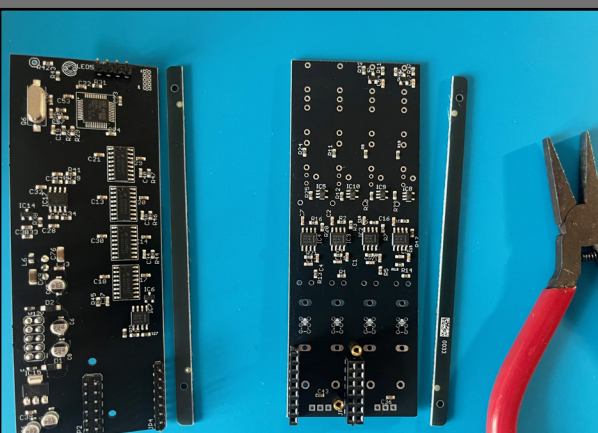
2. Locate the metal spacers, the female and male sockets



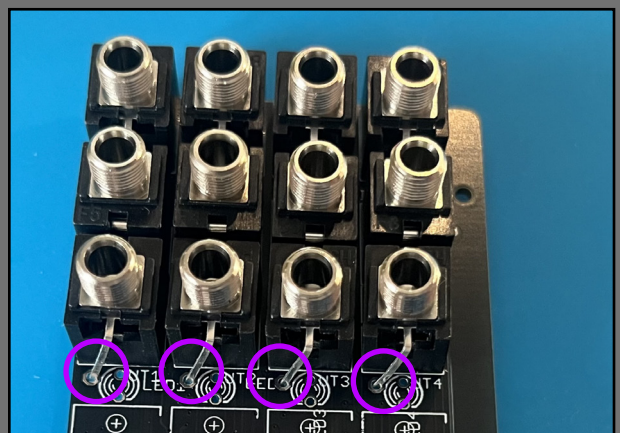
3. Join both PCBs using the female and male sockets, and solder them in place.



4. Un-screw the PCB's but leave the metal spacers on the control PCB.

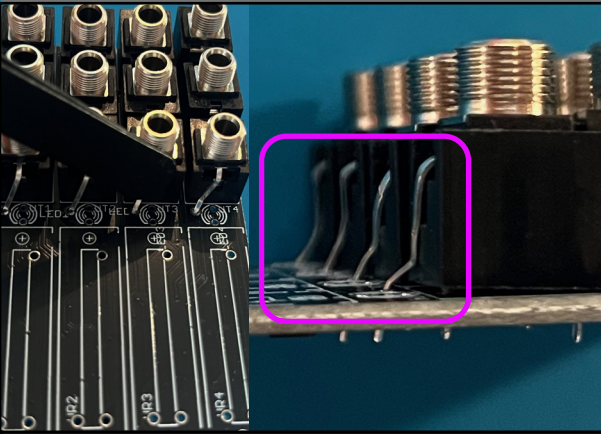


5. Gently separate the side stripe by twisting the outer connecting strips using a pair of pliers.

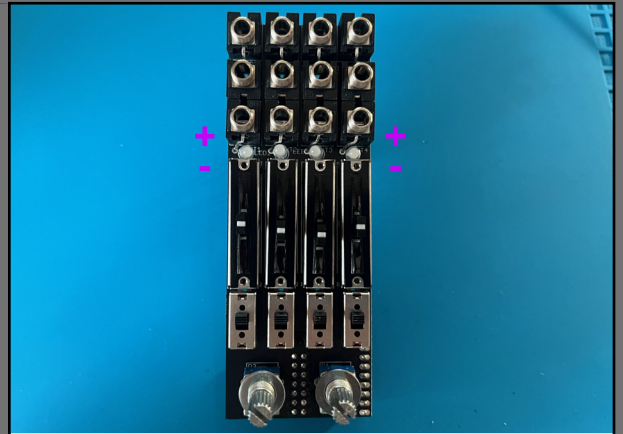


6. Place the jack, and insert the ground led like the picture shows with pink circles.

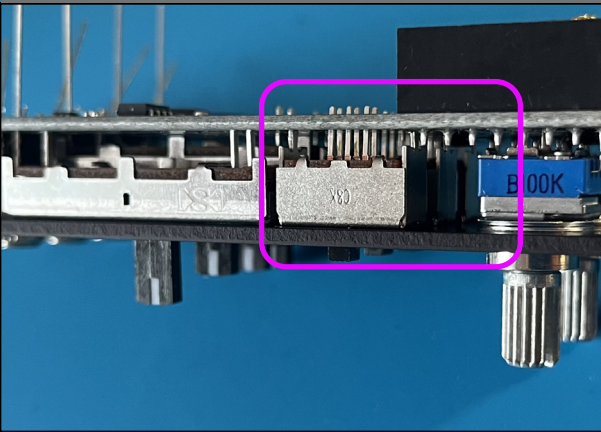
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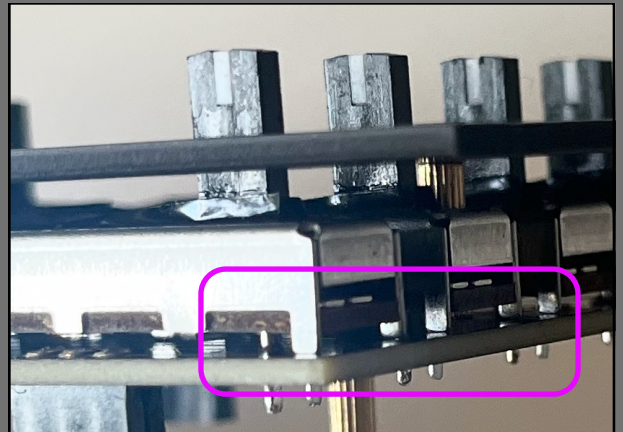
7. With the help of your tweezers carefully bend the jacks ground legs as shown in the picture.



8. Place the LEDs, ensuring you observe the correct polarity. The longer leg should be positioned where the "+" symbol is indicated. Install all hardware and screw the panel into place, do not solder yet.



9. Make sure the switches are correctly aligned with the panel, other wise correct them with the help of your tweezers.



10. Check if the sliders are properly aligned and ensure their legs are making contact with the PCB and continue soldering the hardware.



11. Attach both PCBs and secure them with screws.
You are done, refer to the user manual to learn how to use the module.