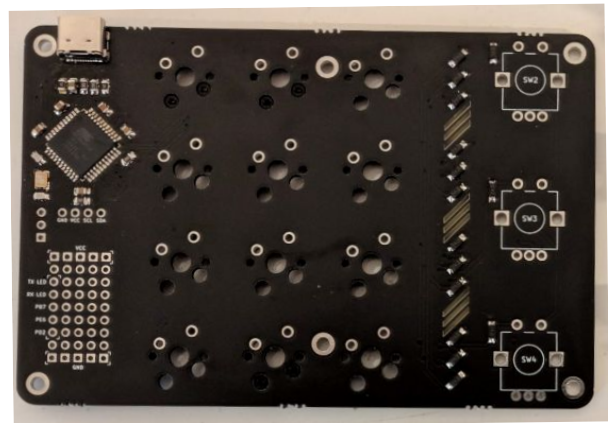


# SPIN Macro Pad Assembly Instructions

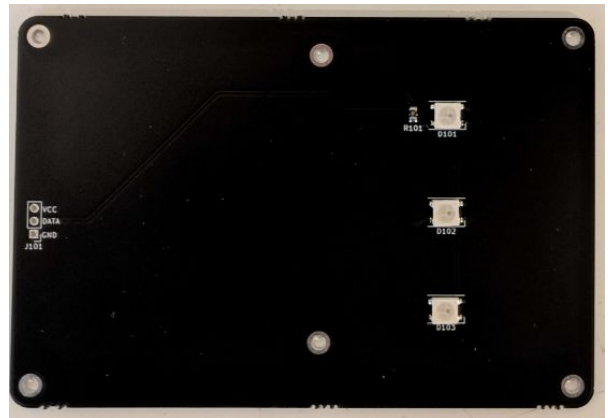
Hello! Thanks for purchasing a SPIN Macro Pad kit! I'm super happy to be able to get something I've made into your hands and hopefully you like it. The instructions below will give some tips on the easiest way to assemble the rest of your kit. If you already know what you're doing, still glimpse over step 3 so you don't end up with a wonky connector.. If you have any questions feel free to shoot me an email at [store@dmqdesign.com](mailto:store@dmqdesign.com)! I'm also /u/dumplingman125 on reddit if you'd like to DM me there instead.

## Kit Contents

1x Top PCB



1x Bottom PCB



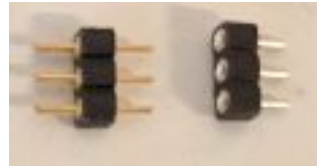
3x Rotary Encoder



1x Acrylic Plate



1x Male Connector, 1x Female Connector  
(Specifically Mill-Max 315-47-103-41-001000 and  
800-10-003-10-002000)



6x Female-Female 6mm m2.5 standoffs



2x Female-Male 6mm m2.5 standoffs

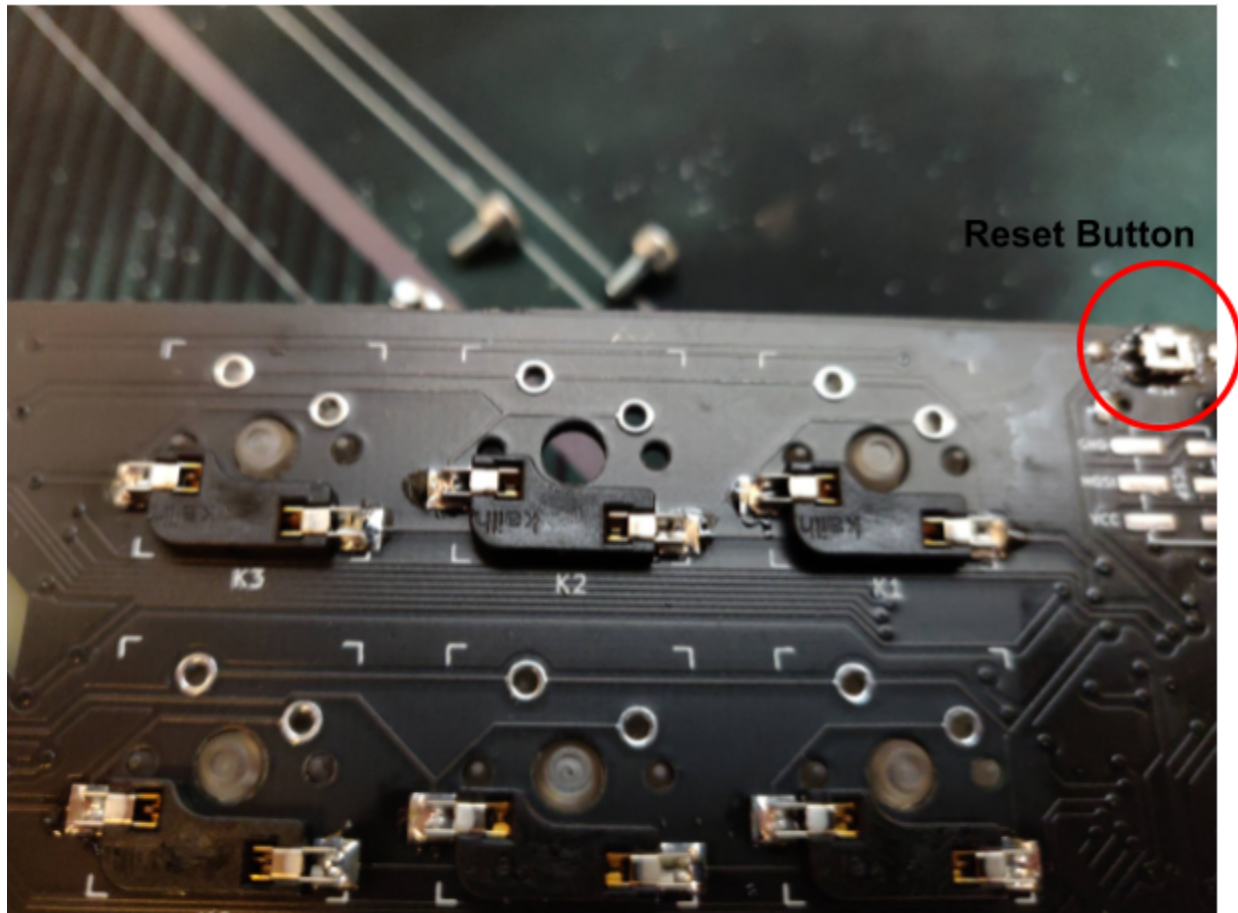


12x 4mm m2.5 screws



### Step 1 - Sockets

The first thing you're going to want to do is solder your sockets in. Make sure that the sockets don't block the center hole for the switches, since it's possible to solder them in the wrong way. Note how in the picture below the center hole for each switch is not covered. The **reset button** is circled next to the sockets.

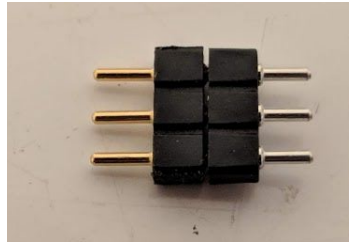
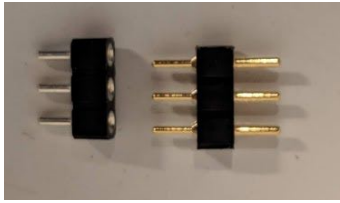


### Step 2 - Encoders

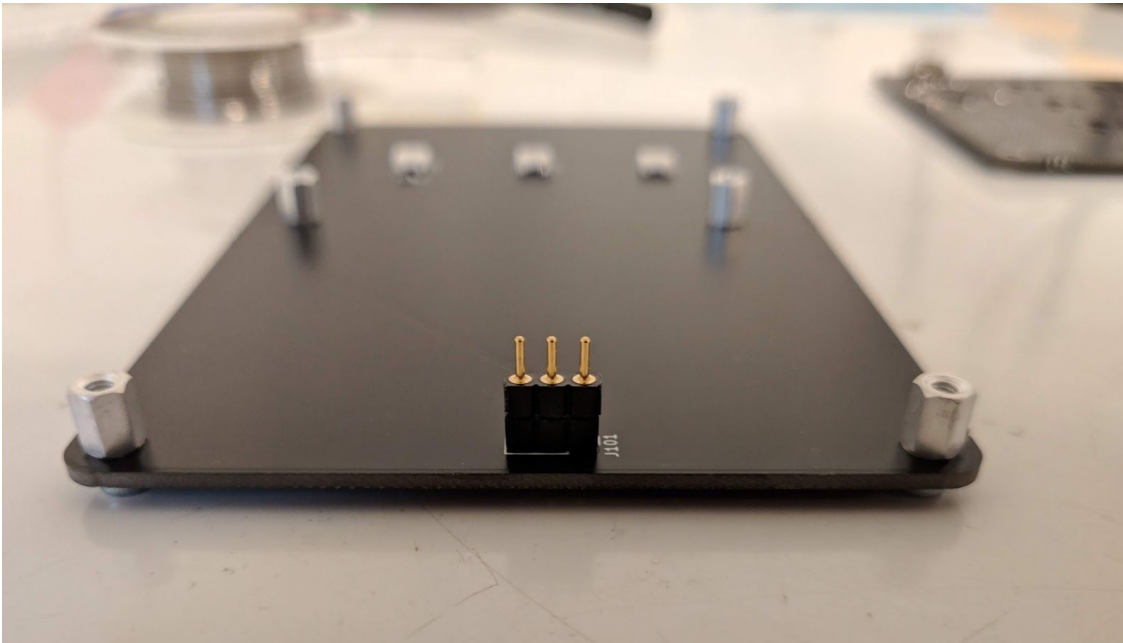
Next, flip the PCB back over and insert the 3 rotary encoders. There will be 5 pins (a set of 2 and opposite a set of 3) that need to be soldered, while the 2 side pins that clip into the PCB are optional. I find it is easiest to line up and insert the 5 main pins, then squeeze the two side mounting pins to clip it into the board.

### **Step 3 - board-to-board connector**

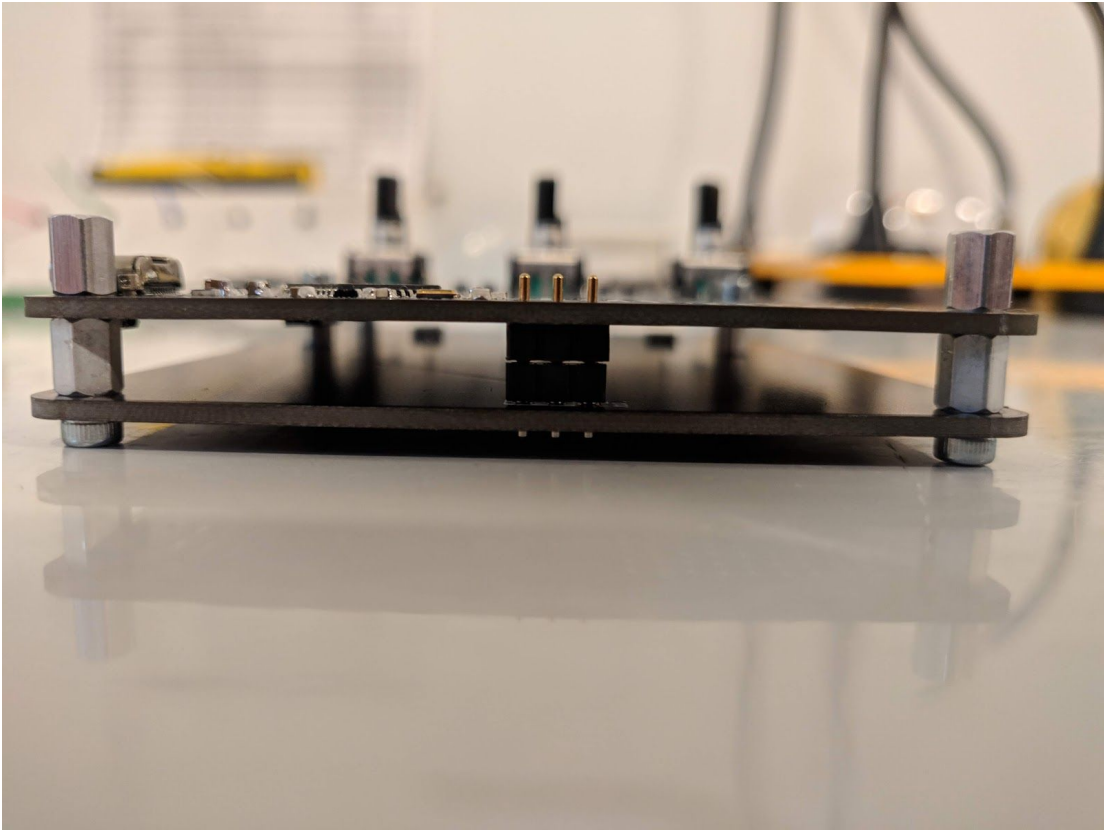
First take both the male and female connectors and snap them into each other as shown below.



Next, screw the 6 female-female standoffs onto the bottom PCB, and insert the connector (orientation of connector doesn't matter, female/male side can be top/bottom).



Then, line up the holes for the connector on the top PCB. Screw down the two leftmost screw holes with the male-female standoffs, and the other 4 with the m2.5 screws.



Now the connector should be lined up perfectly for you to solder.



#### **Step 4 - Acrylic Plate**

Peel the protective layers off of the top and bottom of the acrylic plate, and screw it onto the two remaining standoffs. You're now done!

#### **Note: Reset Button**

Just as a side note, a few have had issues locating the reset button, which is a little tucked away. It is **side mounted, underneath the USB-C connector**.

You can continue onto building your own keymap using the [SPIN firmware in QMK](#) (the examples are a good starting point) or use the [QMK Configurator!](#) Keep in mind that the QMK Configurator doesn't allow customization of the encoders yet.