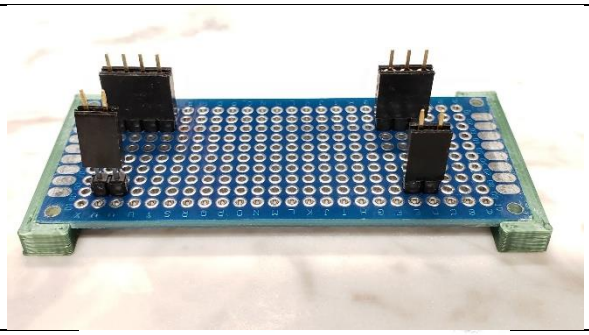
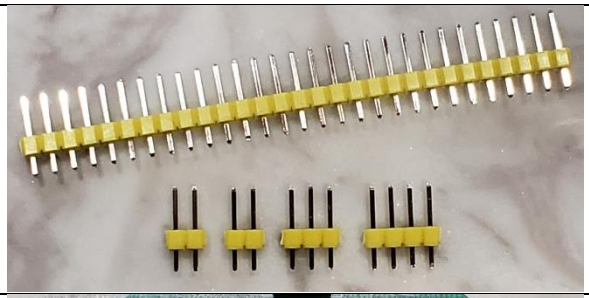
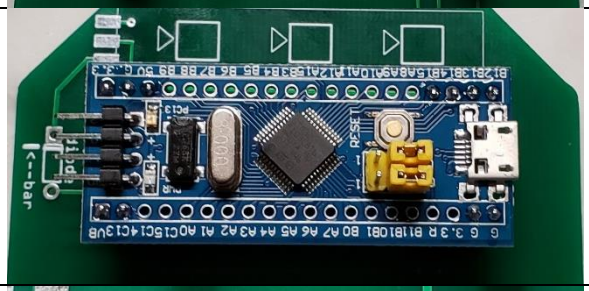
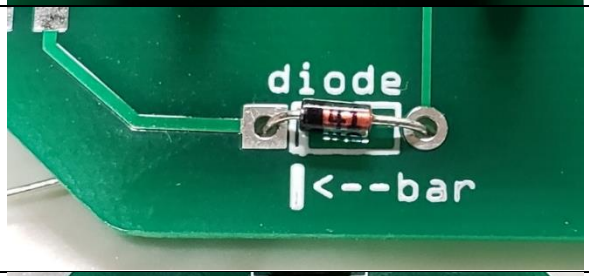
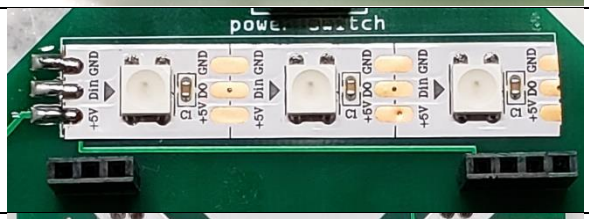
Place the female headers onto the male pins on the blue jig. Set the jig aside.	
Place the on/off switch into the black jig. Set the jig aside.	
Place a flipper button onto the PCB and use the black jig clips to hold it into place. Repeat for the second flipper button.	
Once all the jigs are in place your board should look like the left image. Carefully flip the board over (right image) so the pins can be soldered.	
After all the pins have been soldered, remove the jigs.	

Separate the male header pins so you have the following sets: **2x 2 pin** **1x 3 pin** **1x 4 pin** **Discard the rest.**	
Place the male header pins (long side down) into the female header pins soldered onto the PCB earlier.	
Place the Blue Pill on top the male header pins. Make sure the USB connection is facing to the right. **After soldering the pins onto the Blue Pill, remove the Blue Pill and set it aside.**	
Place the diode into the slot indicated, making sure the position of the black bar is facing up as indicated on the PCB. **Solder the diode in place and trim the ends on the backside of the PCB.**	
Place the LED strip into position making sure the arrows are pointing to the right (as noted on the PCB). **Solder the three pads to the PCB on the left.**	
On the backside of the PCB, solder the red and black wires of the battery back into the indicated holes on the PCB. **Use the double-sided tape to secure the battery pack onto the PCB.**