

Soldering Practice Kit Star Signs Manual

1.Parts

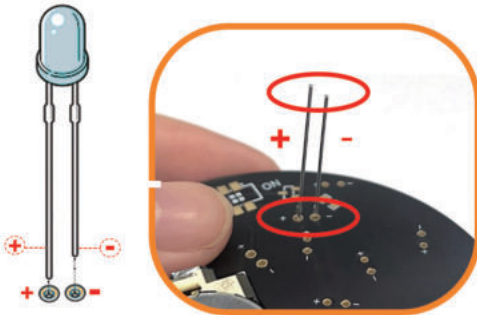


2.Tools



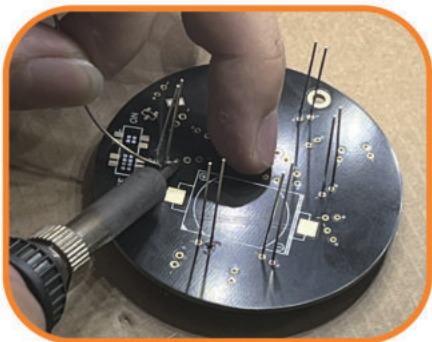
Note: Remember to wear safety goggles when soldering !!!

3.Led diode size



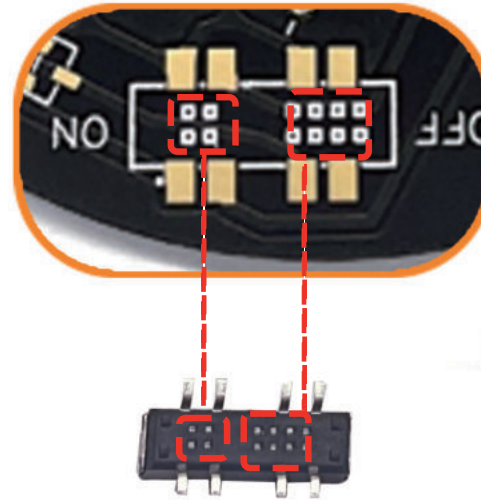
Note: Pay attention to the positive and negative poles when welding. The longer pin is anode, shorter pin is cathode.

4.Soldering 3mm/5mm led diode



In order to facilitate soldering and balance, when welding, first weld one end of the 3mm led diode, and then use the pliers to cut off the excess pin and weld the 5mm led diode.

5.Soldering switch, resistor, led chip



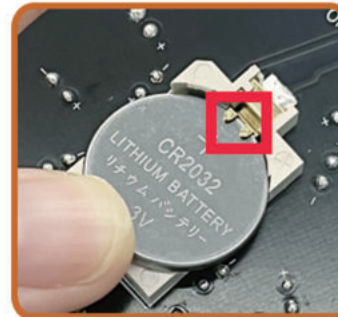
When welding the switch, it should be noted that the 4 small white dots on the PCB board correspond to the 4 small white dots at the bottom of the switch. The 8 white dots correspond to the 8 white dots at the bottom of the switch.



0805 SMD Resistor

LED ic

6.Install battery



Insert the battery into the battery holder at a 45-degree angle, and switch the toggle to 'CR2032,' Be careful not to insert the battery vertically, as this will push the positive terminal of the battery holder (the two yellow metal points on the right) below the battery, causing the pcb board to not function properly.



After soldering, insert the battery, turn on the switch, and you can see your constellation chart. **Dual mode:** The first gear is always shining, and the second gear is flashing.