

V1.0 DIY Snowman Soldering Instructions

NOTE: For the LED's always orient them with the Anode to the top, and the cathode to the bottom.

POSITIVE TO THE TOP +

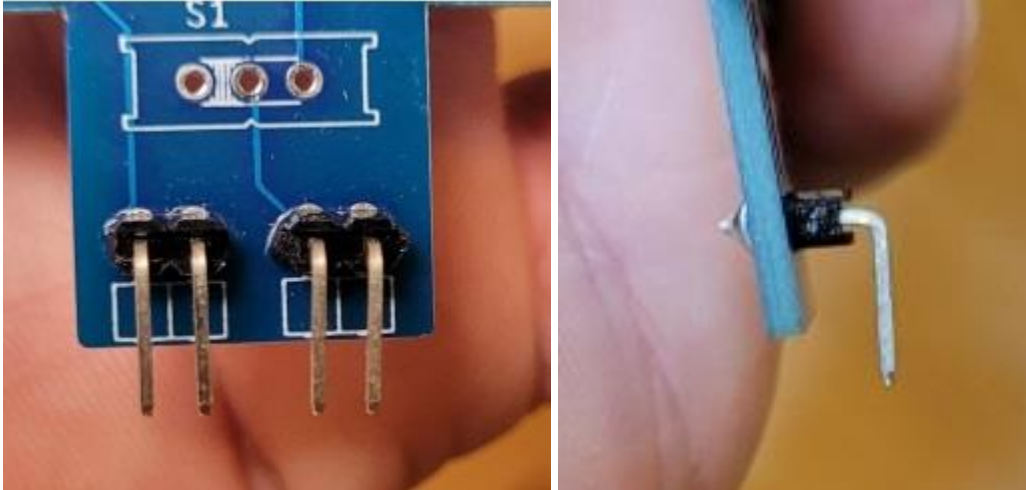
NEGATIVE TO THE BOTTOM -

1. Solder all six 750 ohm resistors. There are three resistors on each side of the snowman, please refer to the picture below.



THE RED CIRCLES DENOTE RESISTOR PLACEMENT. THE BRIGHT BLUE LIGHTS ARE LED'S. HOPEFULLY YOU KNOW THIS, BUT JUST IN CASE I WANT TO BE LOUD AND CLEAR.

2. Solder the blue LED's with the **positive** terminal of the diode at the top, and the **negative** terminal of the diode at the bottom. There are three LED's on each side in a straight vertical line down the snowman. Please see the picture above.
3. Solder the SPDT slide switch onto the ornament. Ensure the switch is soldered to the side with the rectangle silkscreen footprint on the base of the snowman.
4. Solder angled header pins, MAKE SURE THEY ARE ORIENTED LIKE THE PICTURE BELOW.



The short side of the pin should be soldered into the bottom of the ornament, so the long side of the pins shoot straight down. **Note this picture is an old picture, So your ornament will look different, however positioning of the pins is the same.**

5. Slide the **SWITCH SIDE** of the tree into the pins, and gently push down to lock the base of the Tree PCB into the rectangle cutout of the cr-2450 PCB. You may have to gently wiggle it in.
6. Solder the header pins to the CR-2450 PCB
7. Solder the Cr-2450 battery case to the bottom of cr-2450 PCB.
8. *Gently* pop in the battery.
9. Good job!