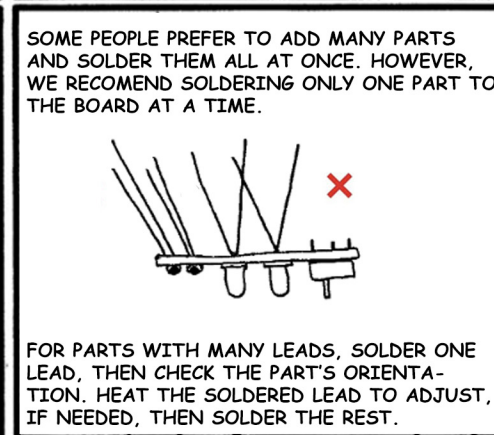
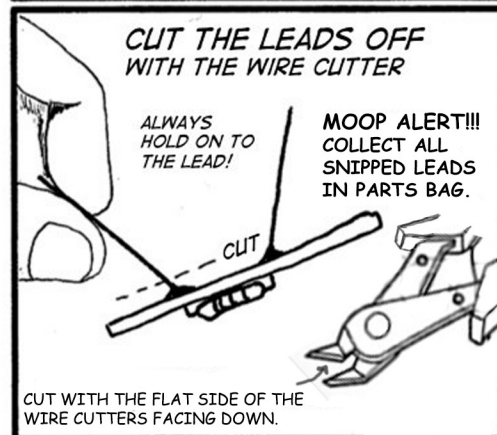
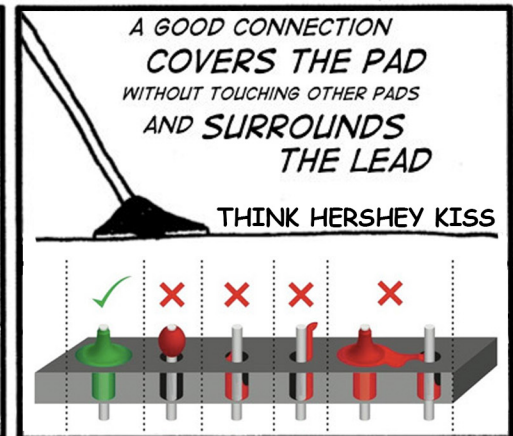
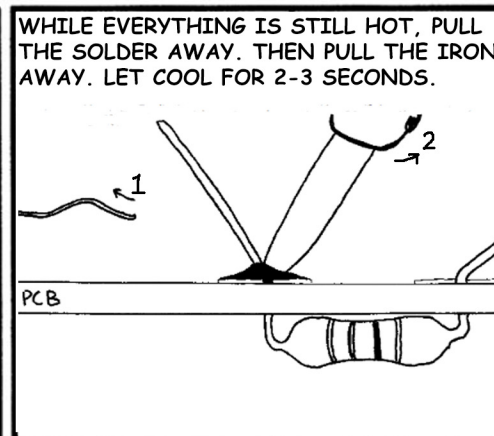
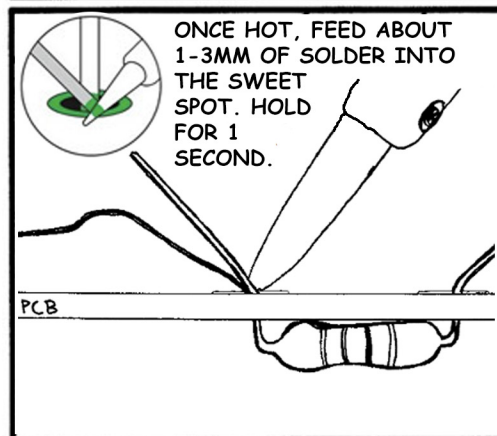
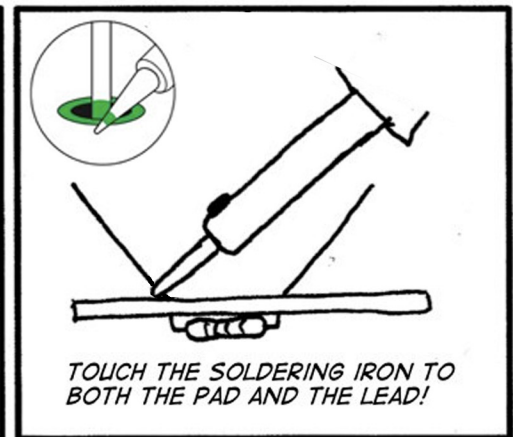
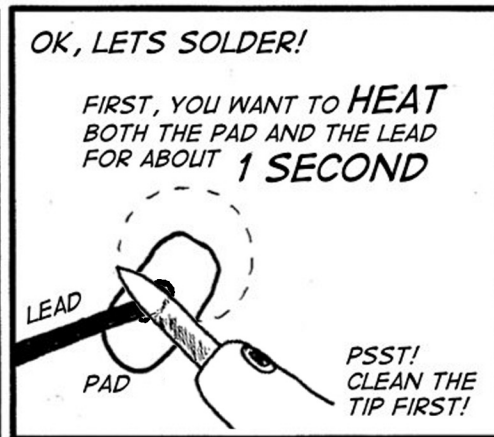
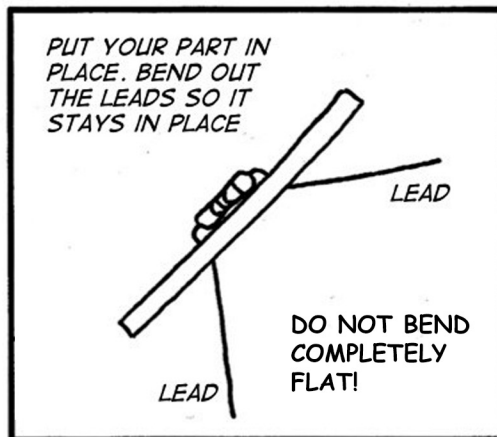
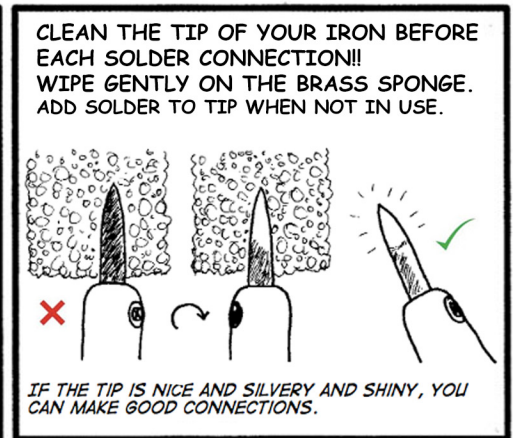
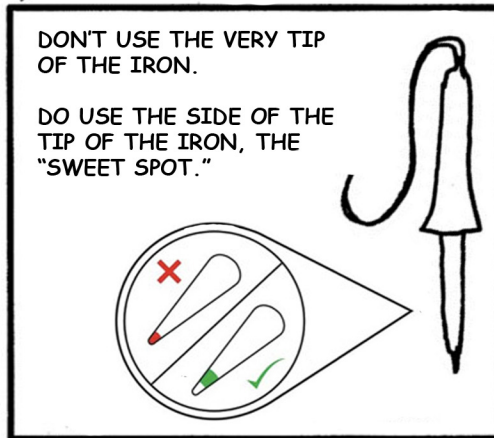
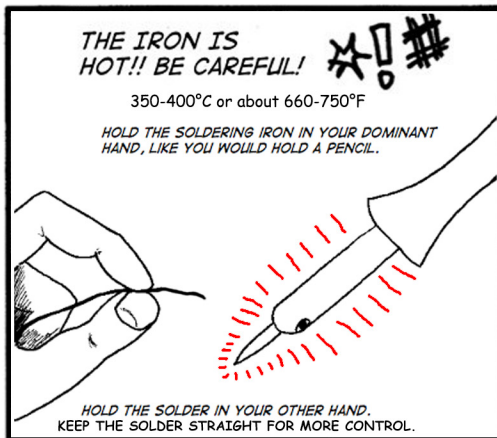


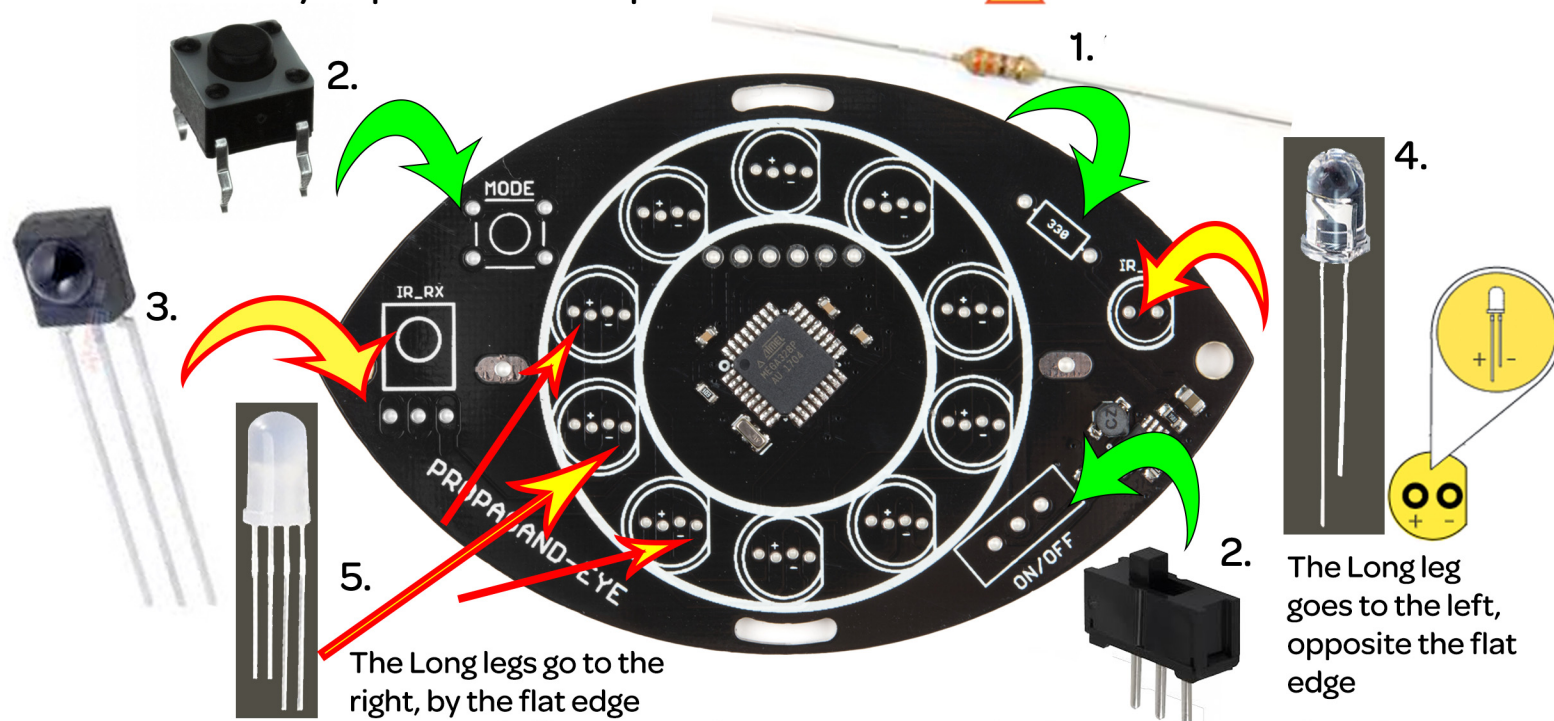
SOLDER INSTRUCTION



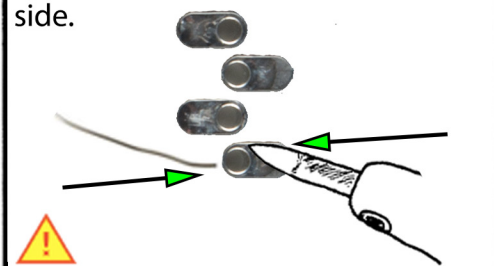
Orders of the Operations

1. Start with 330Ω Resistor.
2. Solder Button, followed by Switch.
3. Bend IR Receiver 90°, then solder. This part is POLARIZED. ⚠️
4. Solder IR LED (with only two legs). This part is POLARIZED. ⚠️
5. Solder the 10 addressable LEDs. These parts are POLARIZED. ⚠️
6. HAVE TEACHING AID VISUALLY INSPECT YOUR BOARD BEFORE THE LAST STEP.
7. Solder Battery Clip on last. This part is POLARIZED. ⚠️

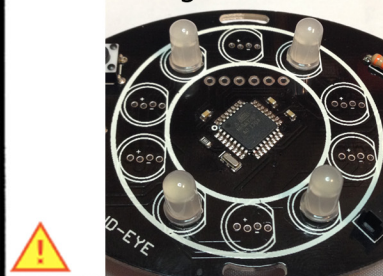
REMEMBER, HIGHLIGHTED COMPONENTS ARE POLARIZED!



The addressable LEDs are by far the hardest part to solder. Pro tip: heat the pad and lead with the iron, then feed the solder on the opposite side.



You may find it easier to populate and solder LEDs that are not right next to one another. We recommend starting with these four:



Be careful not to melt the BUTTON or SWITCH with your soldering iron as you solder the Battery Clip on the opposite side.

There is a battery polarity indicator on the board. Or, match the + and - signs with the signs on the Battery Clip.

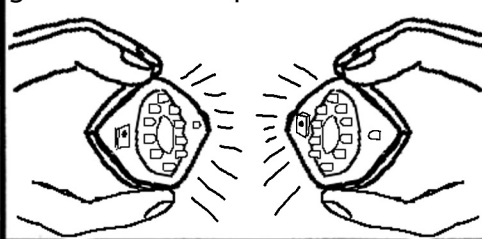


HOW TO PLAY!

When first powered, your eyeball will have ONLY ONE animation, or "gene." You can only share this gene, NOT genes that have been collected.

To share, point eyeballs at each other. They talk using infrared (IR).

LEDs will flash WHITE, indicating they want to exchange genes. Each user has 5 seconds after the flash to press the Button and collect the gene. Both must press to collect.



If LEDs flash RED, you have already collected that gene.

Press Mode Button to cycle through collected genes.

Genes will be stored even when power is lost.

Your original gene will be shown when powered off and on again.