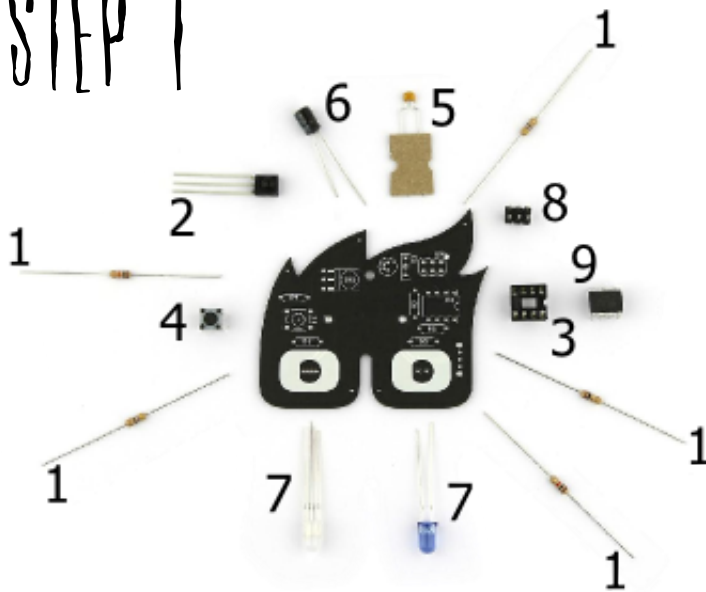


ZOMBADGE

ASSEMBLY INSTRUCTIONS

STEP 1



1 - Put the resistors in place, solder them and cut excess pins

- R1 : 47 Ohms (Yellow / Purple / Black)
- R2 : 47 Ohms (Yellow / Purple / Black)
- R3 : 1.1K Ohm (Brown / Brown / Red)
- R4 : 10K Ohm (Brown / Orange / Orange)
- R5 : 1 Ohm (Brown / Black / Gold)

2 - Bend 90° the infrared IR1 detector pins, place, solder it and cut the excess pins

3 - Place and solder microcontroller socket, take care to align silkscreen and socket notches

4 - Place and solder S2 pushbutton

5 - Put and solder capacitor C1 and cut excessive pins

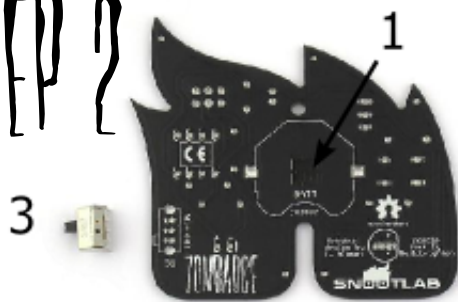
6 - Place and solder capacitor C2 and cut excessive pins, long pin in silkscreen +hole

7 - Place IR and RGB leds. Make sure to align their flat side to the silkscreen flat line

8 - Place and solder ISP connector

9 - Place carefully microller on its socket, take care to align silkscreen and socket notches

STEP 2



1 - Apply a bit of solder to the pad in the middle creates a better connection with the negative side of the battery.

2 - Put the battery socket and solder it

3 - Place the switch in S1, solder it.

4 - Slide the battery in its socket

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to learn how to use your zombadge !!!



THE END