How To Assemble Your Blinky Badge

Empty bags on your worktable

Insert the resistors in the right spots, press flush with PCB

Carefully insert the 2 transistors into Q1, and Q2 to match this photo

Important! Flat side towards the LEFT

Bend all the resistors as close as possible to the resistor body

100K Resistors

1K Resistors

Solder the 8 legs in place, trim the legs.

Slightly bend the middle leg of the transistor towards the curved side

Place the capacitors on the PCB. Note the longer leg goes to the +

Solder the transistor legs. Trim the leads
Solder the battery holder legs. Make sure it stays in place while soldering.

Solder the LEDs on the back. Don’t overheat the LED legs. Trim the legs.

Thread & bend the solid wire exactly like this photo. Pull tight, but not overly tight.

Place the battery holder on the PCB, note the notch printed in white.

Slide in & bend carefully. Bottom of LED should touch the top edge of the PCB.

Insert the LEDs. Note: Longer leg goes in the + hole.

Insert Battery + side up.

Strip all the shielding off the solid wires. Don’t cut the wire.

Bend the legs slightly. Solder and trim the legs.

Peel the protective tape from the acrylic piece.

Solder the wire end, careful not to touch the LED with the hot iron.

Final Step: Place badge clip holder.