Elephant

Quantity	Description
1	RGB LEDs 5 mm
1	Push button
1	CR2032 battery holder
1	CR2032 battery (not included)
1	Elephant board (PCB)
1	Butterfly pin with nail

Difficulty: ●●○○○   Build-Time: 30 – 60 Minutes

Safety Information

- ATTENTION: Not suitable for children under 3 years, choking hazard due to small parts that may be swallowed.

- We recommend: Supervision of the assembly and soldering process by an adult.

- Keep these operating instructions in a safe place for later use! It contains important information.

- If the battery is empty, replace it only with a new battery with the same values.

- When soldering, the soldering iron, the solder and also the components being soldered become very hot.

- Always wear safety glasses when soldering and assembling the kit.

- Always use a fire proof soldering pad when soldering! This prevents the components from slipping away.

- To keep the soldering iron safe during assembly, always use a suitable soldering stand.

- The kit is designed for battery operation only.

- CAUTION: Never connect the kit to 230 V mains voltage! There is an absolute danger to life!

- Please take the device to appropriately certified disposal companies at the end of its service life. This is good for the environment and ensures correct disposal.

- Subject to changes and errors.

Disposal

This appliance is labelled in accordance with the European Directive 2012/19/EU on waste electrical and electronic equipment (WEEE). The directive provides the legal framework for the take-back and recycling of waste equipment throughout the EU.

- **packaging**: The packaging is made of environmentally friendly materials and is therefore recyclable. Dispose of packaging materials that are no longer needed accordingly.

- **waste equipment**: Old appliances often still contain valuable materials. Therefore, hand in your old appliance to your retailer or a recycling centre for reuse. Please ask your retailer or your local authority for the current disposal routes.

blinkyparts.com
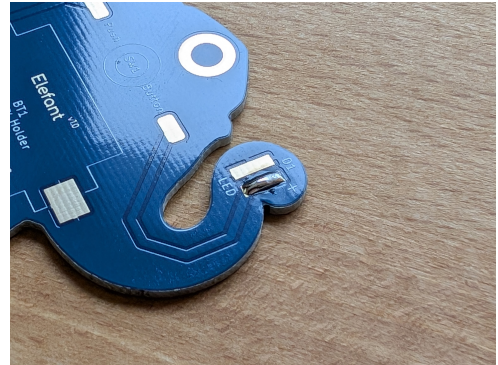Egerstr. 9
93057 Regensburg
GERMANY

Step 1

a) Check your components

b) A CR2032 battery is not included. You can buy them online or at major electronics stores.

Step 2

a) Turn the board to the back

b) Add solder to the elongated LED pad, which is marked with a +.

Step 3

a) The long leg of the LED marks the positive side

b) Solder the positive leg (the long one) to the positive pad, on which you have already applied solder

c) Make sure, that the second leg also touches the other pad without solder.

Step 4

a) Solder the other leg of the LED (cathode, negative side) to the circuit board.

Step 5

a) The button has no direction.
b) Put solder on one of the pads of the button.
c) Bend the legs of the button so, that the legs can touch the surface of the board.
d) Heat the pad with solder again push one leg of the button from the side onto the pad.
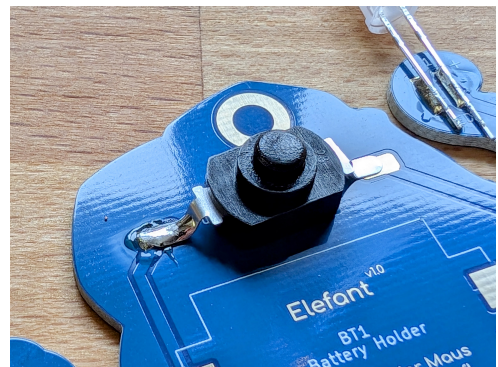e) Make sure, that the other leg of the button touches the other pad.
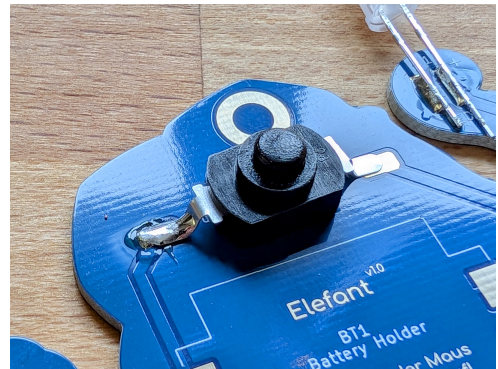
## Step 6

a) Solder the other leg of the button to the board.

Step 7

a) The button has no direction.
b) Put solder on one of the pads of the button.
c) Bend the legs of the button so that the legs can touch the surface of the circuit board.
d) Heat the pad with solder again and push one leg of the button from the side onto the pad.
e) Make sure that the other leg of the button touches the other pad.

Step 8

a) Solder the other leg of the button to the board.
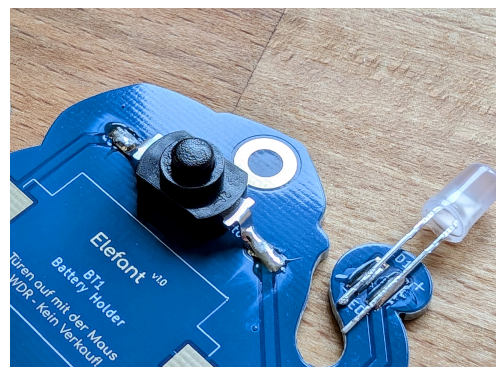
Step 9

a) The battery holder has a direction, which is marked with a beveled edge. The same beveled edge is also printed on the circuit board.

b) Put solder on one pad of the battery holder

c) Heat the pad with solder again and push the battery holder onto the pad from the side.

d) Make sure that the other leg of the battery holder touches the other pad.

e) Solder the other leg onto the other pad on the circuit board.
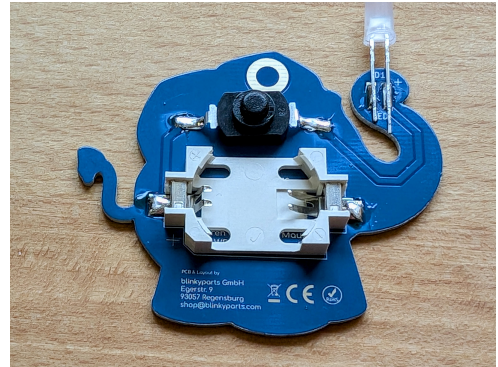
Step 10

a) Add some solder to the round circle. It is sufficient if one side is covered with solder.
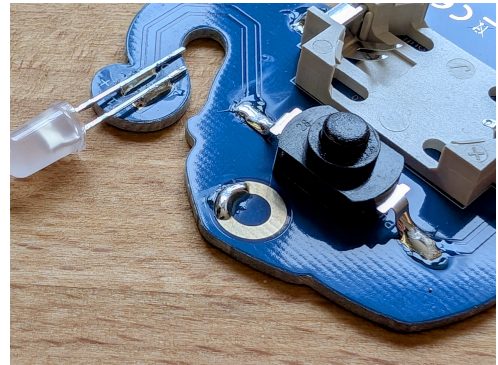
Step 11

a) Attention: Always use pliers or tweezers for this step. The nail will be very hot

b) pick up the nail with tweezers/tongs and solder it to the round circle

c) you can then add more solder to the areas that are still golden and solder the nail all around.
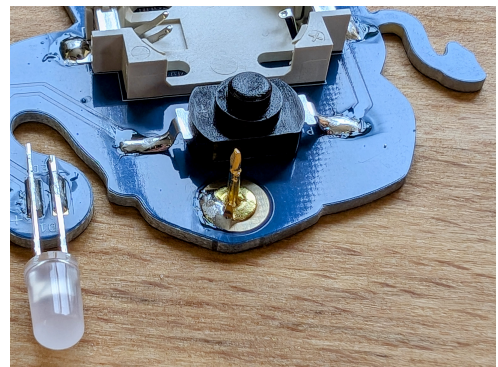
Step 12

a) Insert the battery as shown

b) the terminals on the positive side must touch the top of the battery. Slide the battery into the battery holder from the left and press only the left side down.
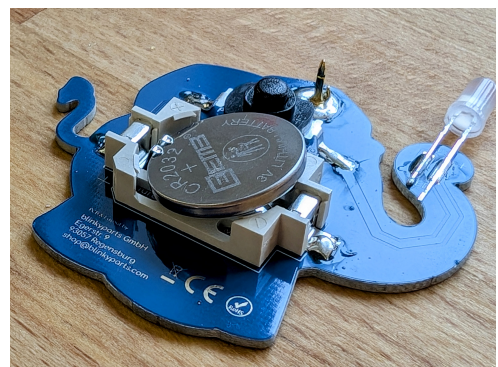
Step 13

a) You're done!

b) You can now attach the elephant to your clothing.