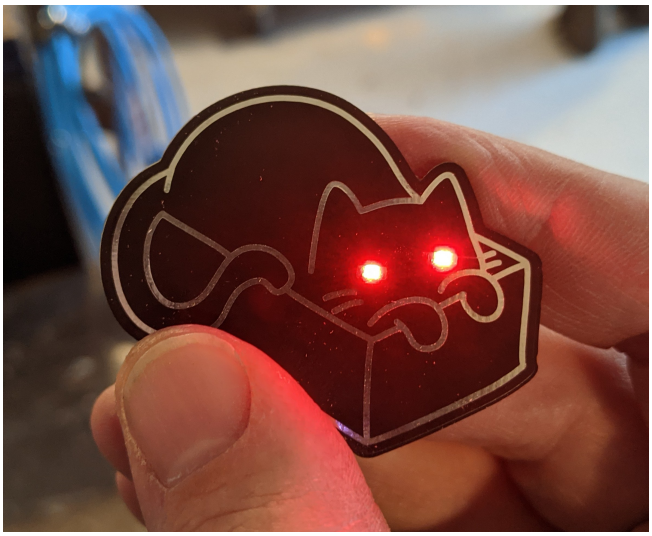
Cat in a Box



Quantity	Description
1	Push button
1	CR2032 battery holder
1	CR2032 battery (not included)
2	0805 SMD LEDs (different colours included)
1	0805 SMD Resistor $47\,\Omega$
1	Board (PCB)

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

Manual v2.0 CC BY-SA 4.0 Binary Kitchen e.V.
Board v1.0 CC BY-SA 4.0 Timo Schindler

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

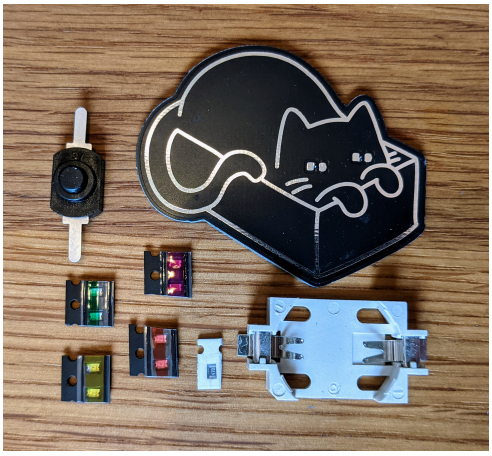
This appliance is labelled in accordance with the European Directive 2012/19/EU on waste electrical and electronic equipment (WEEE). The directive provides the legal framework for the take-back and recycling of waste equipment throughout the EU.

- **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

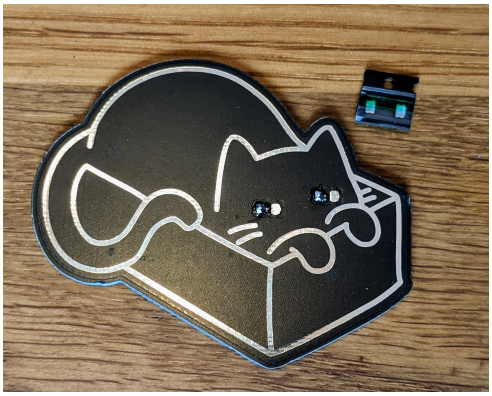
Step 1

a) Check your parts.
b) A CR2032 battery is not included. You can get them online or at bigger electronic stores.



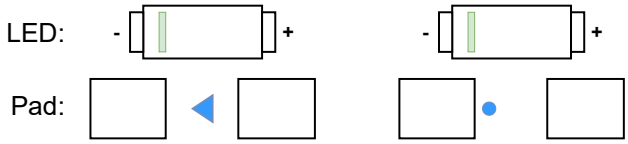
Step 2

a) Choose a LED colour and add solder to one side of each of the LED pads of the eyes.



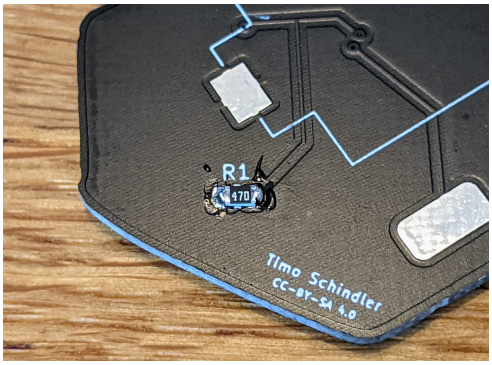
Step 3

a) Careful! The alignment of the LEDs is important! First read all steps
b) The LEDs have a small green line on the top
c) On the PCB there are small arrows or small dots printed on
d) The arrows or dots on the PCB show the side, where the small green line has to go
e) Tip: When the cat is looking at you, the dots are on the left side.
f) To solder the LED, heat the solder again and move the LED from the side onto the pad with solder
g) Then solder the other side



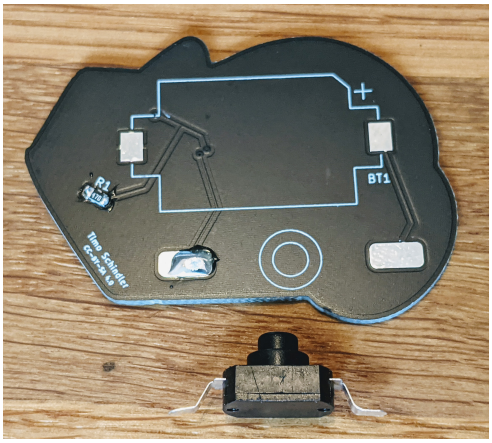
Step 4

a) Turn the board over and solder the resistor the same way (the resistor has no direction)



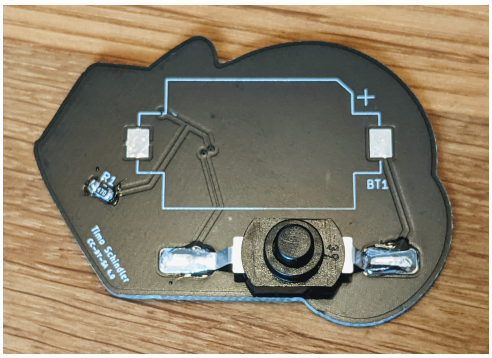
Step 5

a) Add solder to one side of the switch
b) Bend the legs so that they touch the PCB.



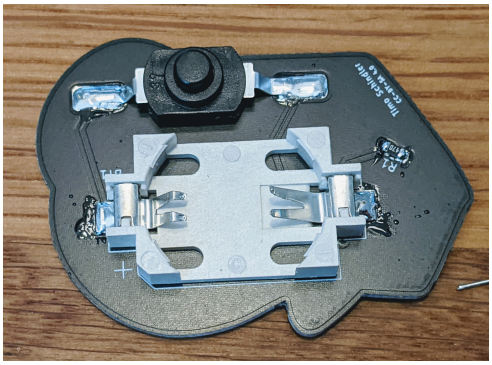
Step 6

a) Solder the switch on in the same way as the resistor
b) Then solder the second leg onto the board.



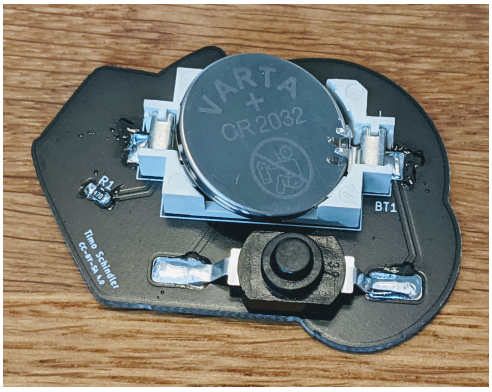
Step 7

a) The battery holder has a direction, which is marked with a cut edge. The same edge is also printed on the PCB.
b) Put solder on one pad of the battery holder
c) Heat the pad with solder again and slide the battery holder from the side onto the pad.
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 PCB.



Step 8

a) Insert the battery as shown
b) the taps on the positive side must touch the top of the battery.
c) Slide the battery into the battery holder from the left and press down on the left side only.



Step 9

a) You are done!
b) You can still attach a magnet to the battery, to better attach the soldering kit to your clothes.