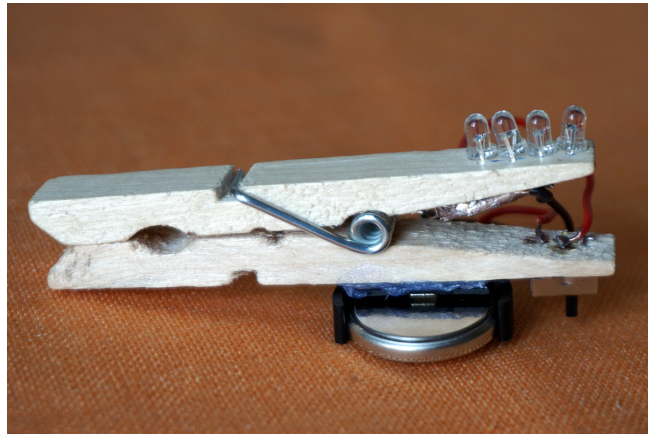



Nibble Peg with on/off-switch



Quantity	Name	Description	Signing/Colorcode
4	3 mm or 5 mm RGB flashing LED		
1	Wooden peg		
1	CR2032 3 V battery (not included)		
1	CR2032 battery holder		
3	Wire (same length as peg)		
1	Slide switch (3 pins)		

Difficulty: ●●○○○ Build-Time: 20-40 Minutes

Manual v2.0  CC BY-SA 4.0 Binary Kitchen e. V. and Hannes Restel and Christopher König
Idea Timo Schindler and on/off-switch extension by Hannes Restel and Christopher König

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
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93057 Regensburg
GERMANY



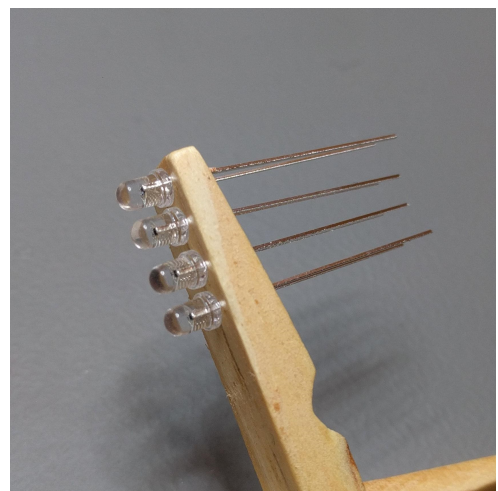
Step 1

- a) Disassemble the peg
- b) Watch your hair! The drill eats it very fast!
- c) Drill 8 holes into one half of the peg for the LEDs.
- d) Drill 3 holes in the second half of the peg for the slide switch.



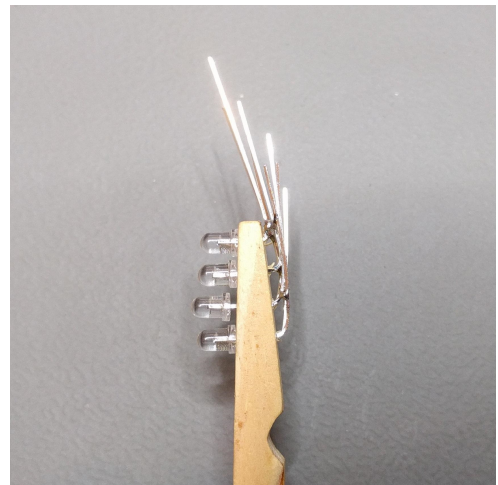
Step 2

- a) LEDs do have a direction (longer leg = plus pole and red wire, shorter leg = minus pole and black wire).
- b) Put the LEDs into the holes so that all long legs are on the same side.



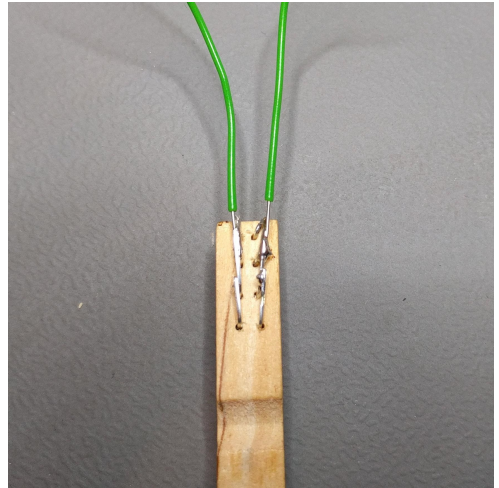
Step 3

- a) Bend all legs of the LEDs so that all long legs are layered and touch each other. Do the same for the short legs. Long and short legs must not touch each other!
- b) Solder all long legs together.
- c) Solder all short legs together.



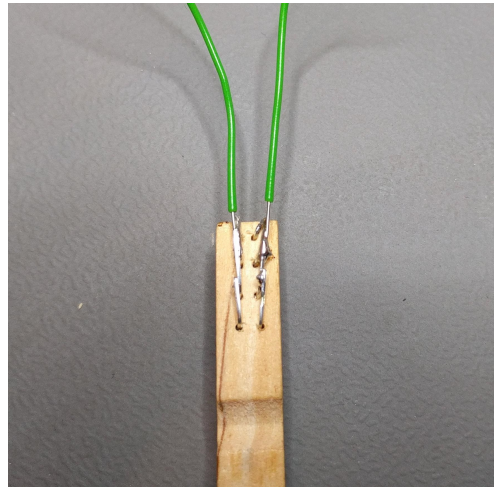
Step 4

- a) Prepare 2 red wires and 1 black wire: Remove about 10 mm of insulation from both sides of the wires.



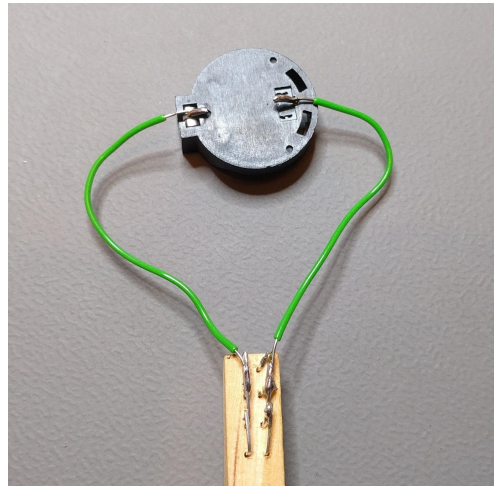
Step 5

- a) Solder a red wire to the plus-legs
- b) Solder a black wire to the minus-legs
- c) Clip protruding parts of the legs.



Step 6

- a) For testing purposes only: No soldering in this step!
- b) Insert a battery into the battery holder.
- c) Hold the wires to the battery holder and check if the LEDs blink.
- d) Remove the battery.



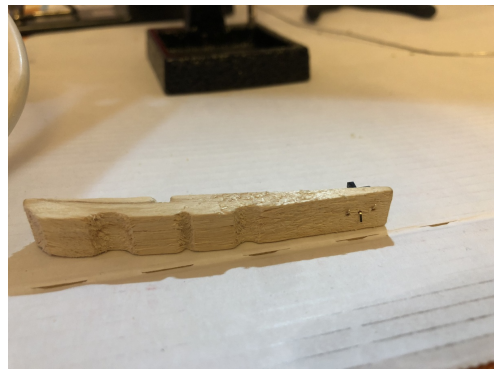
Step 7

- a) Insert slide switch into holes of second peg half...



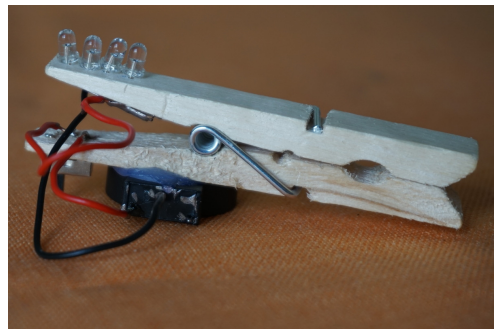
Step 8

- a) ...and fold over legs to fixate the switch.



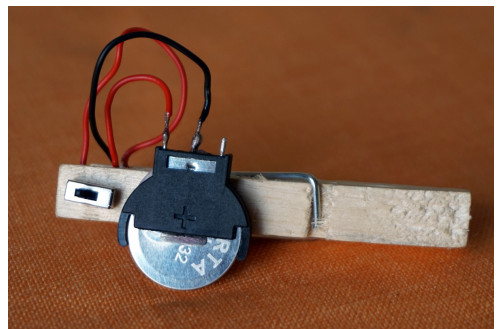
Step 9

- a) Solder loose end of red LED wire to middle leg of slide switch.
- b) Solder second red wire to an outer leg of slide switch and to the plus pole of battery holder.



Step 10

- a) Solder loose end of black LED wire to minus pole of battery holder.



Step 11

- a) Reassemble the peg.
- b) Glue the battery holder to the peg and reinsert the battery.

