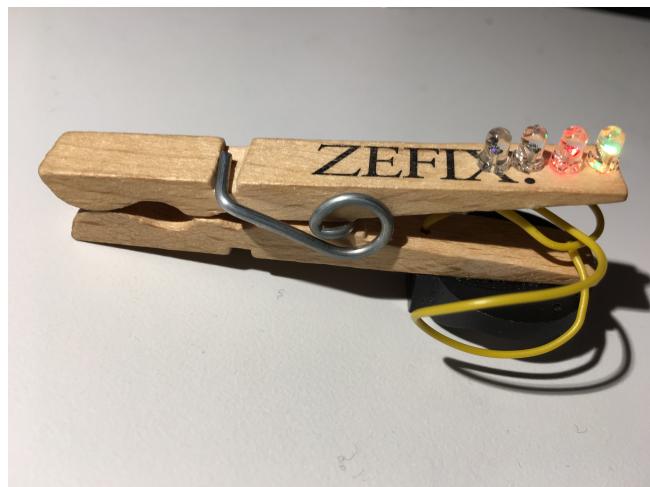


# Nibble Peg



Quantity	Name	Description	Signing/Colorcode
4	3mm RGB flashing LED		
1	Wooden peg		
1	CR2032 3 V Battery		
2	Wire (as long as the peg)		

Difficulty: ●○○○○

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

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### Step 1

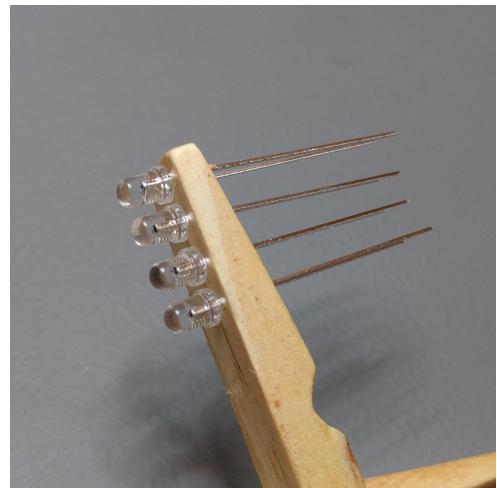
- a) Disassemble the peg
- b) Watch your hair! The drill eats it very fast! Drill 8 holes in the peg



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### Step 2

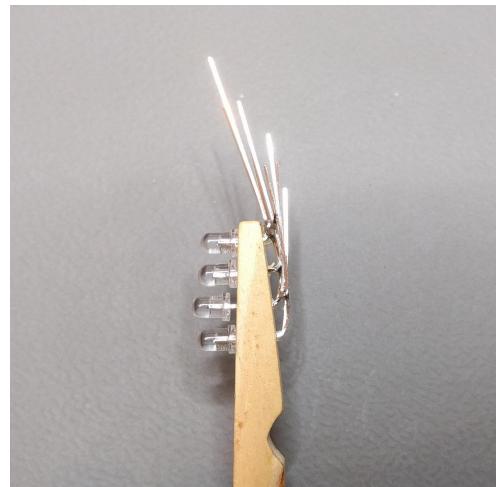
- a) LEDs does have a direction (longer leg = pluspole, shorter leg = minuspole)
- b) Put the LEDs into the holes so that all long legs are on the same side



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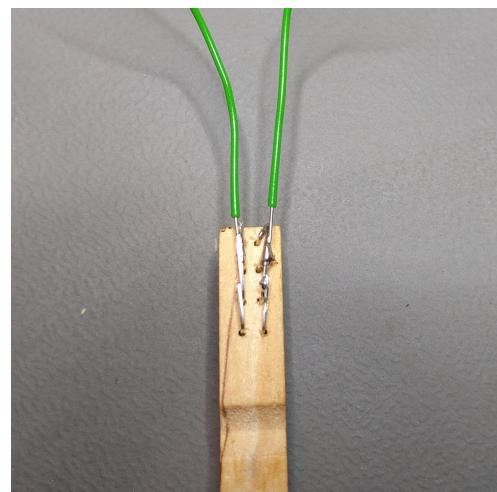
### Step 3

- a) Bend all Legs of the LEDs that all long and short legs touch. Long and short legs must not touch!
- b) Solder all long and all short legs together.



#### Step 4

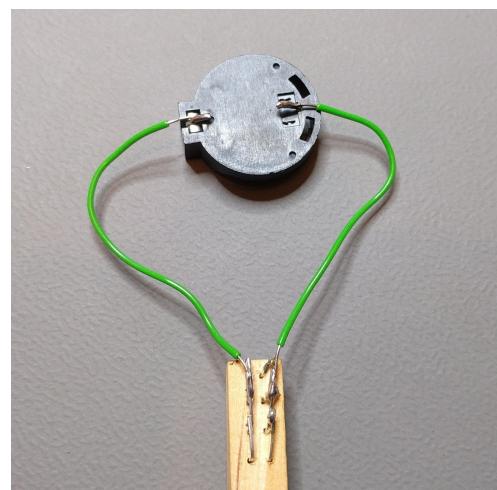
- Remove about 10 mm insulation of both sides of the wires.
- Solder the wires to the legs.



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#### Step 5

- Insert a battery into the battery holder (the + on the top)
- Hold the wires to the battery holder and look when the LEDs blink.  
This is the direction you need to solder.
- Take out the battery! Solder the battery to the wires.



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#### Step 6

- Reassemble the peg
- Glue the battery holder to the peg end put back the battery.

