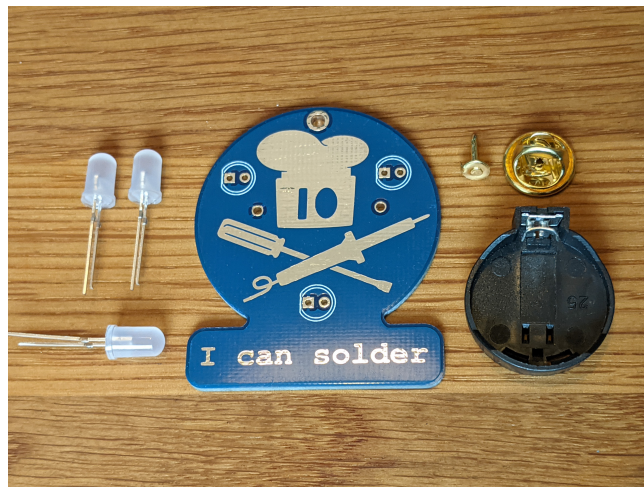


# I Can Solder (DIP)



Quantity	Name	Description	Signing/Colorcode
3	LED1-LED3	5 mm RGB LED	
1	-	CR2032 battery holder	
1	-	Butterfly pin and holder	
1	-	Board	

Difficulty: ●○○○○ Build-Time: 0.5-1 Hours

Manual v2.0  CC BY-SA 4.0 Binary Kitchen e.V.

Board v2.0  CC BY-SA 4.0 Binary Kitchen e.V.

## 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.

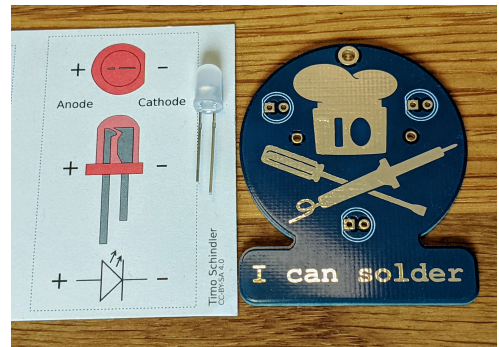
- **packaging:** The packaging is made of environmentally friendly materials and is therefore recyclable. Dispose of packaging materials that are no longer needed accordingly.
- **waste equipment:** Old appliances often still contain valuable materials. Therefore, hand in your old appliance to your retailer or a recycling centre for reuse. Please ask your retailer or your local authority for the current disposal routes.

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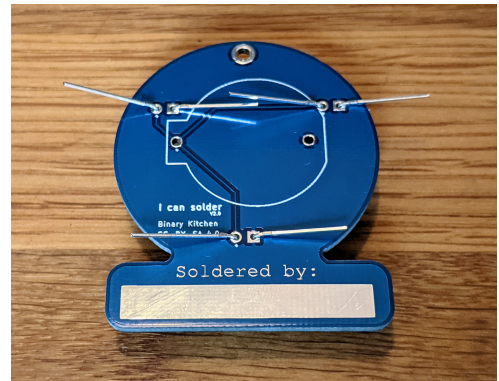
### Step 1

- Hint: LEDs do have a direction! The direction is shown by the length of the legs. The board has a printed circle with a dent at one side (right)
- Push the LED with the short leg at the side of the dent trough the holes in the board



### Step 2

- Bend the legs until the LED stays by it self in the holes
- Solder the legs at the back-side of the board
- Caution: Always wear protective glasses!
- Clip the rest of the legs



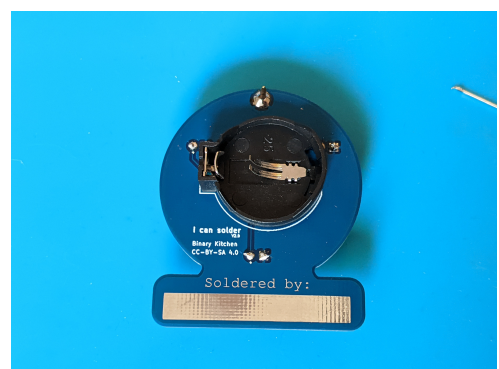
### Step 3

- Clip the small nose off the butterfly-pin nail
- Push the nail at the front-side (with logo) trough the hole on the top of the board
- Solder the nail on the back-side
- Caution: The nail stays hot a long time!



### Step 4

- Push the battery holder as shown at the back-side of the board into the holes
- Solder the pins at the front-side



Step 5

- a) Push the battery with the plus-symbol showing into the battery holder
- b) The LEDs should work now

