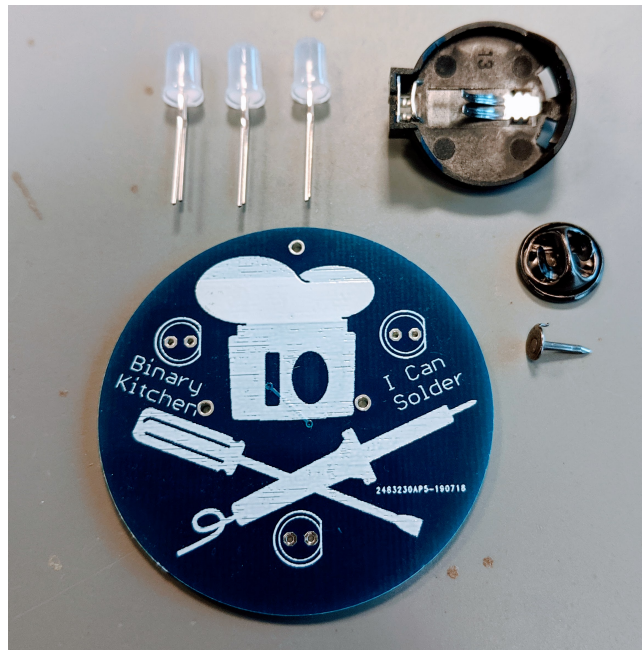




I Can Solder (DIP)



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 v1.0a  CC BY-SA 4.0 Binary Kitchen e.V.
Board v1.2  CC BY-SA 4.0 Binary Kitchen e.V.

Step 1

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



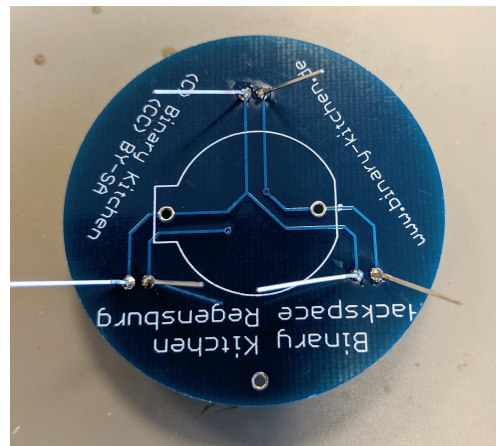
Step 2

- a) Hinweis: 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)
- b) Push the LED with the short leg at the side of the dent trough the holes in the board



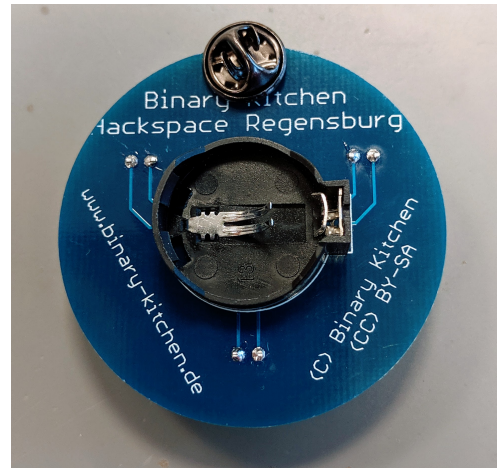
Step 3

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



Step 4

- a) Push the battery holder as shown at the back-side of the board into the holes
- b) 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

