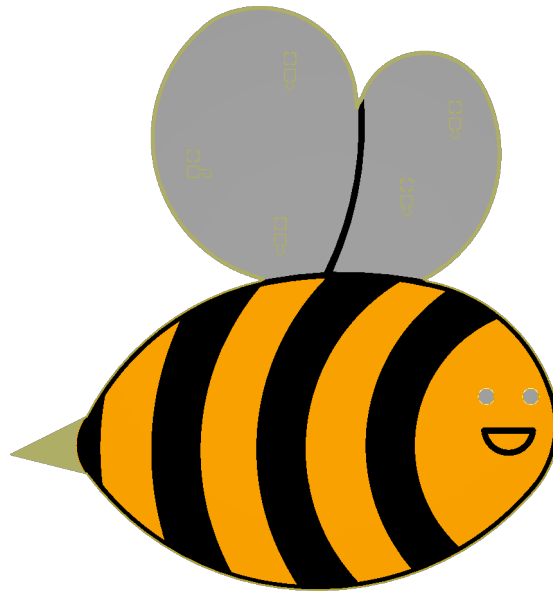


Usage instructions

Congratulations to buying this awesome product. Please read these instructions carefully before assembling your PCbee. If you face any problems, don't hesitate to get in contact.

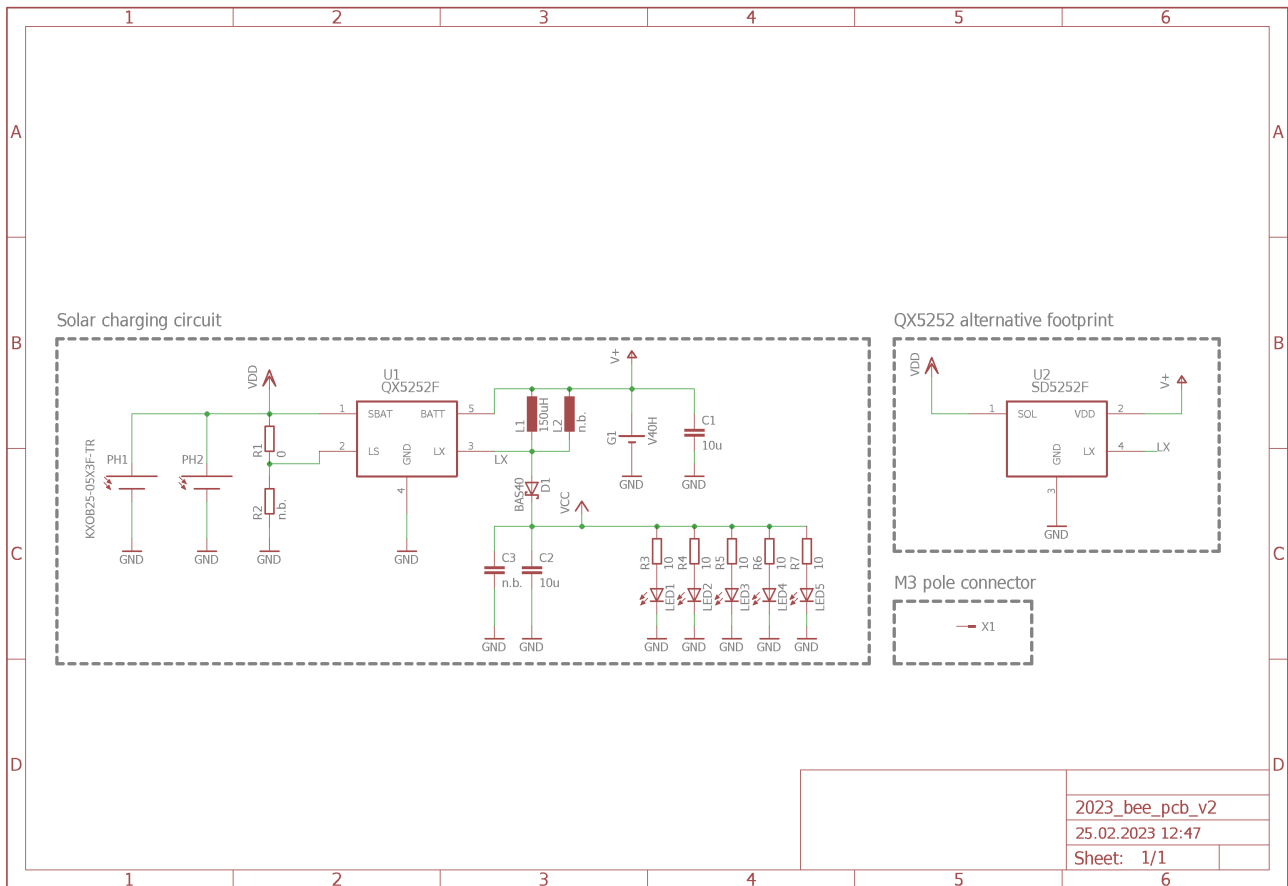


To get started, screw the supplied stick into the M3 thread on the bottom of the PCbee. Solder the battery if necessary, while making sure of the correct polarity.

Put the PCbee into an flower pot or other fitting holder. Make sure the solar cells on the back of the unit are facing the sun. Please note that the PCbee is only for indoor use and can not get wet in any way.

The battery should be fully charged after 2 hours of direct sunlight ($1000\text{W}/\text{m}^2$). The NiMH battery can supply the LEDs for around 2 hours depending on the LED configuration. The controller is automatically switching from charging the battery to driving the LEDs if the voltage on the solar cells is too low ($0.3 \cdot V_{\text{batt}}$). This means that the unit is turning itself on once the sun goes down or the cells are shaded in any way.

ATTENTION: The item still is a prototype. It is working as intended, but funny quirks and other things are possible. It is not certified and only suited for prototyping.



- Do not use the PCbee if it is damaged.
- This device is only for use inside dry and clean rooms.
- This device must be protected from moisture, splash water and too high/low temperatures.
- Keep out of reach for children.
- Do not touch the device with anything electrically conductive. Never connect the device to a live wiring.
- Do not connect the PCbee to any kind of other device.

If you have any questions, just shoot me a message!

Have fun tinkering and thanks for buying!

Technical data:

Dimensions: 83x77x16 mm
 Weight without battery: 15 g
 Battery type: 1.2V NiMH 40mAh
 Battery lifetime: approx. 2 hours
 Charging time: min. 2 hours
 Operational and storage temperature: +5°C to +35°C
 Operational conditions: Inside dry rooms
 Relative humidity: max. 90 %

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