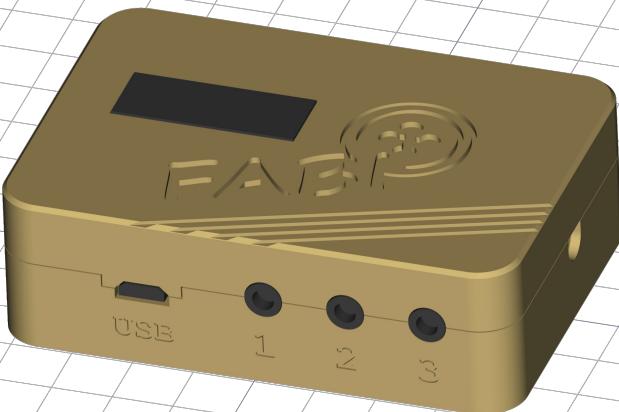




Construction Manual



Welcome to the FABI

Construction Manual

This manual covers detailed step-by-step instructions for building the FABI alternative input system.

As additional tools you will need:

- a soldering iron with a fine tip
- sharp side-cutting pliers
- a slotted screwdriver
- optionally a PCB holder

The required materials are:

- tin-solder (small diameter)
- adhesive tape (Scotch tape)

Legend



Solder / do not solder



Clip / do not clip with pliers



Fix / do not fix with tape



Attention: orientation of this part is important!



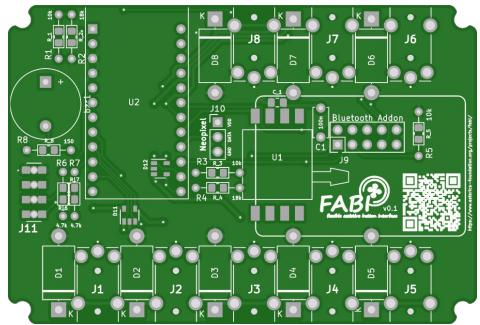
This part is done in this step



Part number for this step
(see part overview on page 3)

Part Overview - Basic Parts

1



2



4



8x

3



5



8x

6



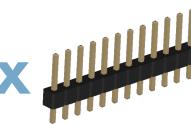
10



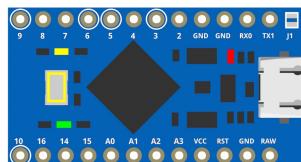
7



11 2x



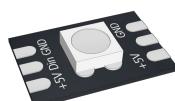
12



8



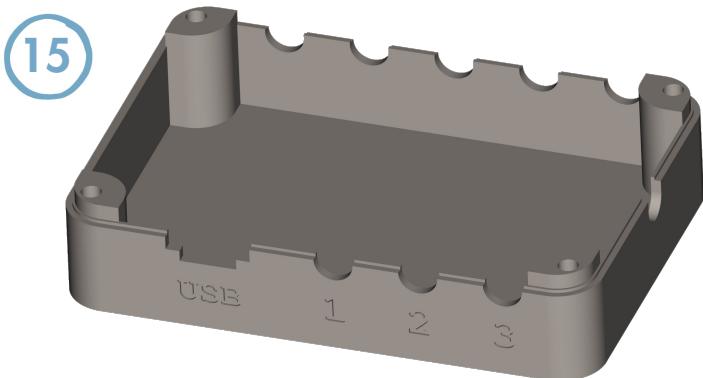
14



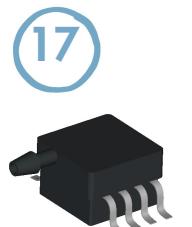
13



Part Overview - Case

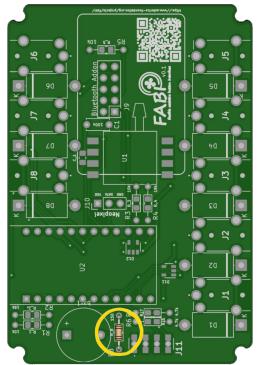


Additional Parts:

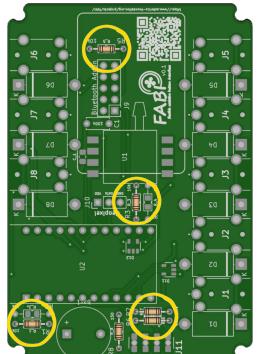


BT - AddOn

1

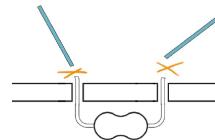
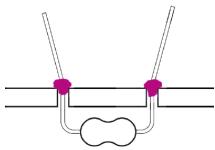
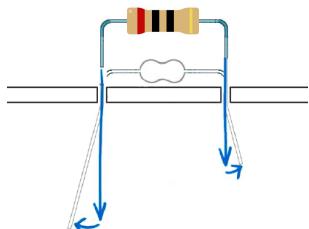


7

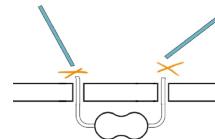
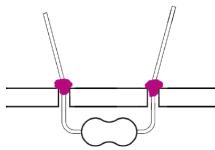
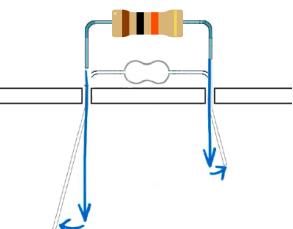


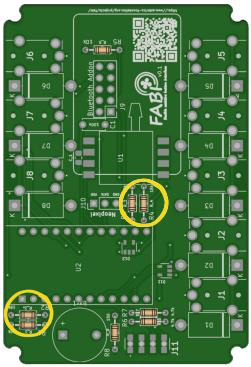
6

1x 200R



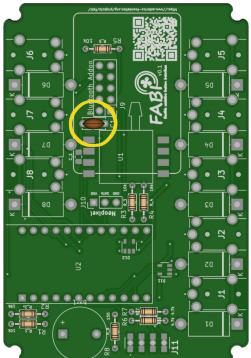
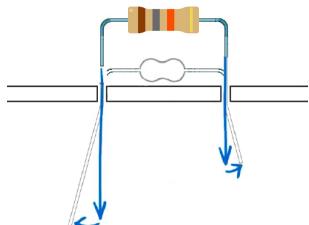
5x 10k



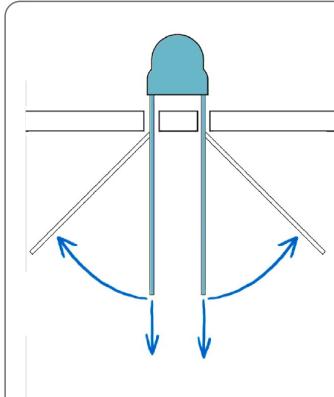


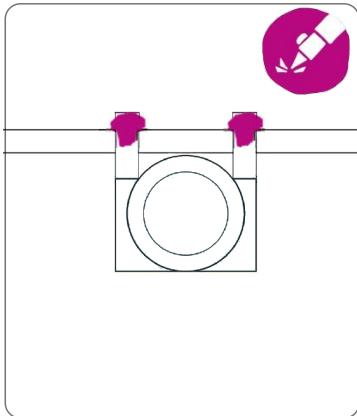
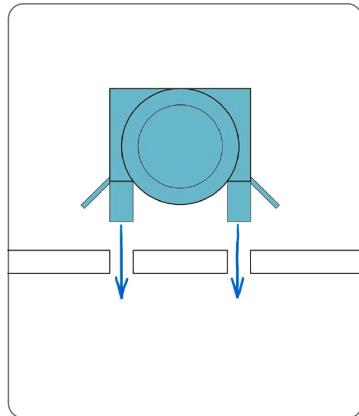
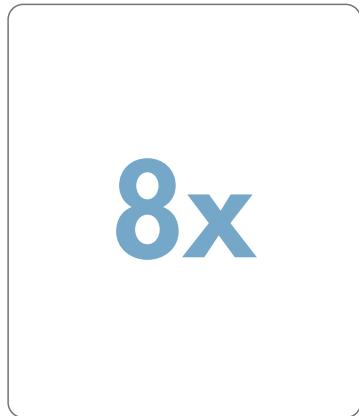
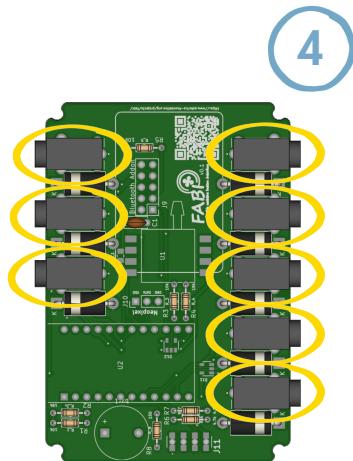
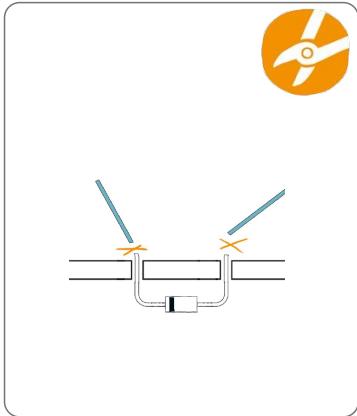
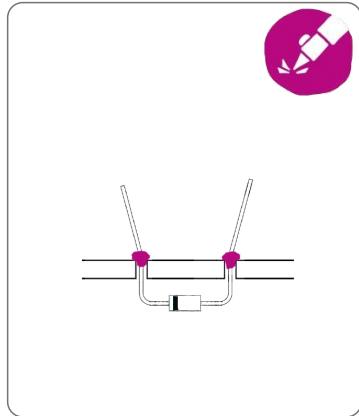
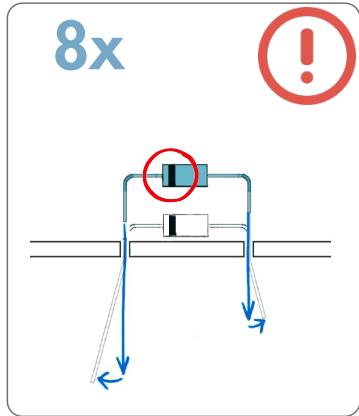
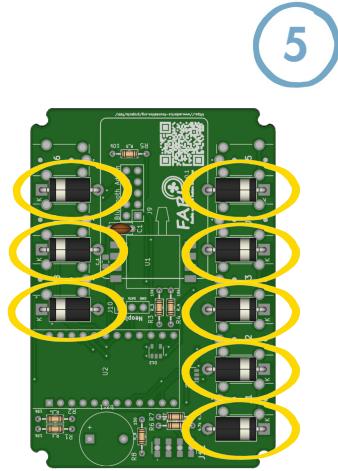
8

2x
18k



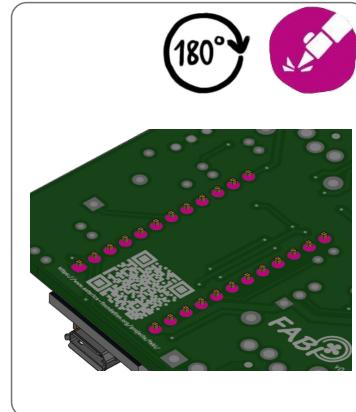
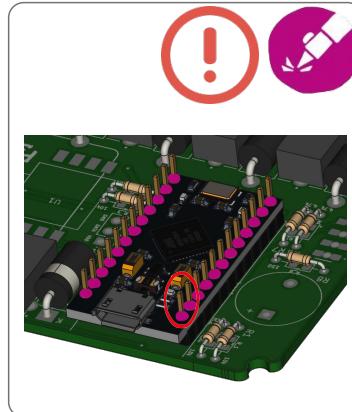
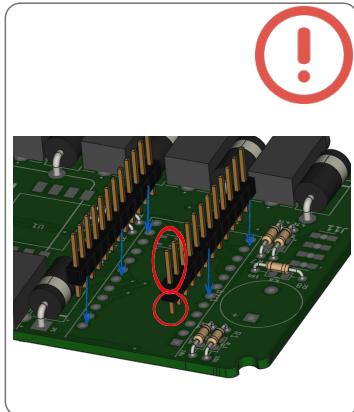
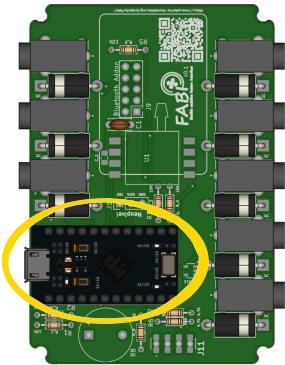
3





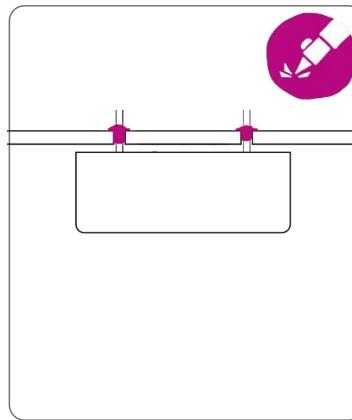
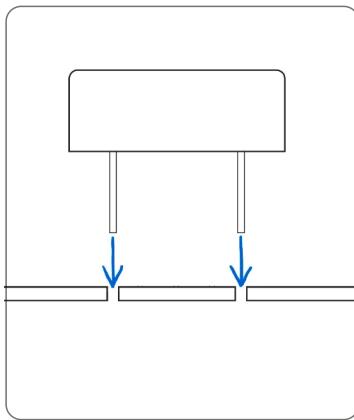
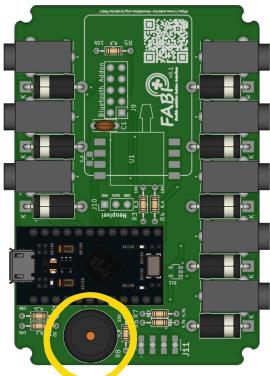
11

12

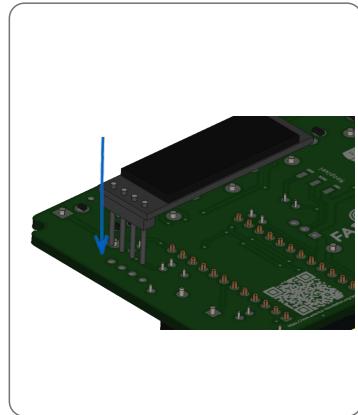
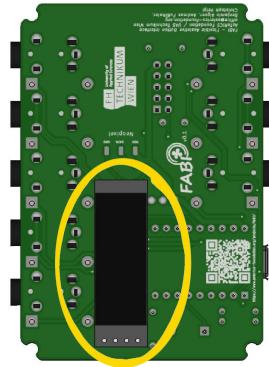


180°

10



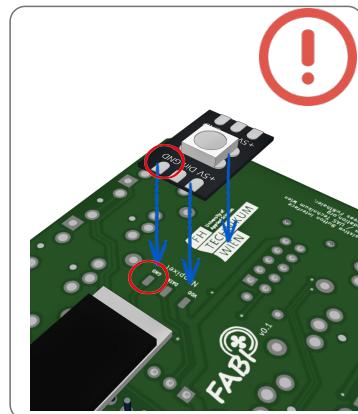
13



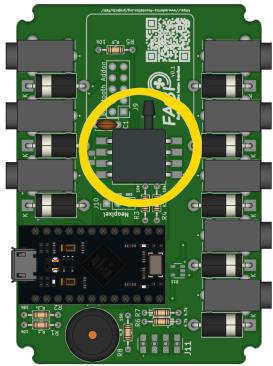
180°



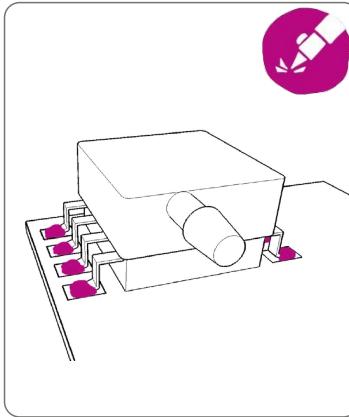
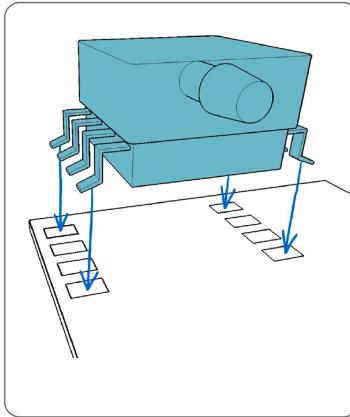
14



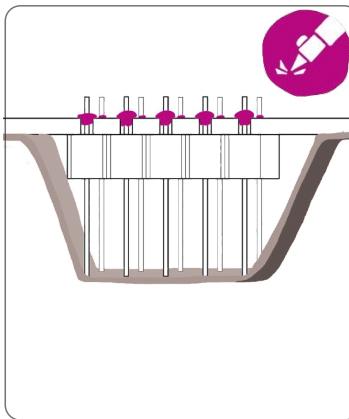
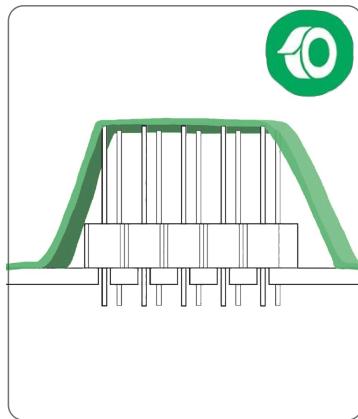
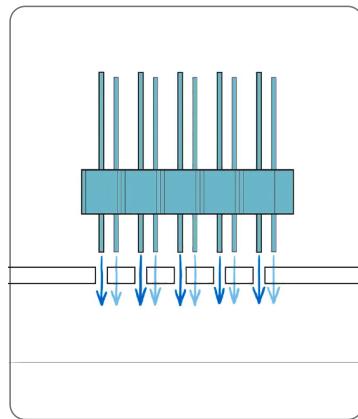
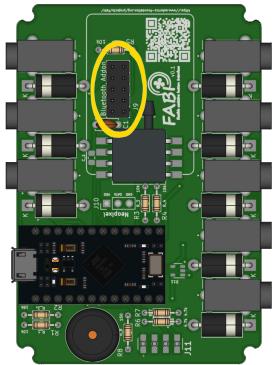
17

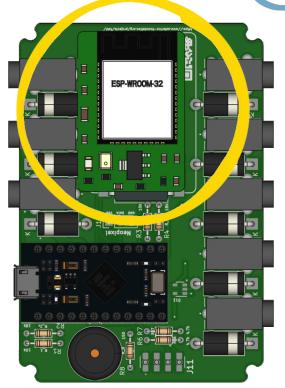


optional

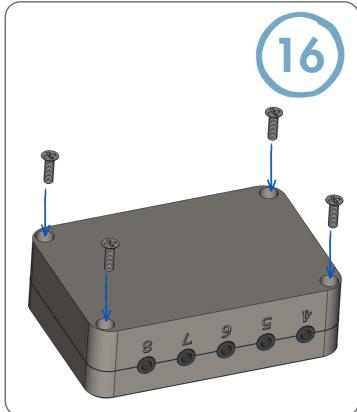
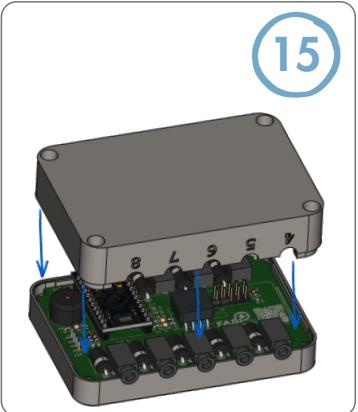
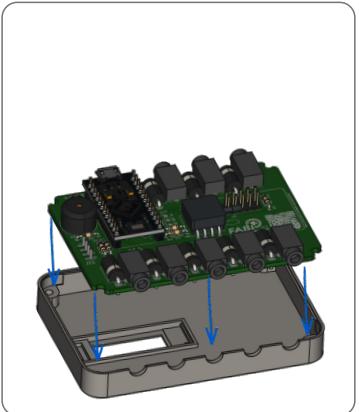
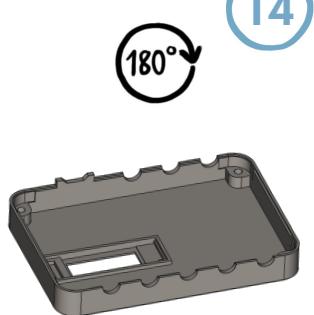
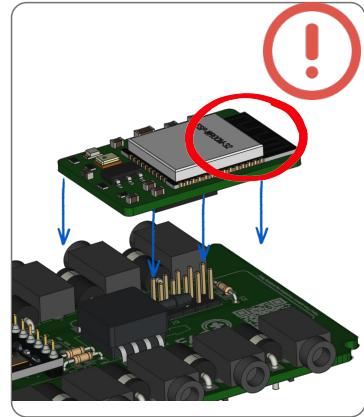


10





optional





Copyright 2021, AsTeRICS Foundation, CC-BY-SA 3.0
office@asterics-foundation.org

Acknowledgements:

Futura fonts by www.onlinewebfonts.com (CC BY 3.0)

Exclamation mark icon made by Pixel Buddha from
www.flaticon.com

Illustrations based on work of Moritz Schwarzl
(moritz.schwarzl@gmx.at)
and Fritzing parts.