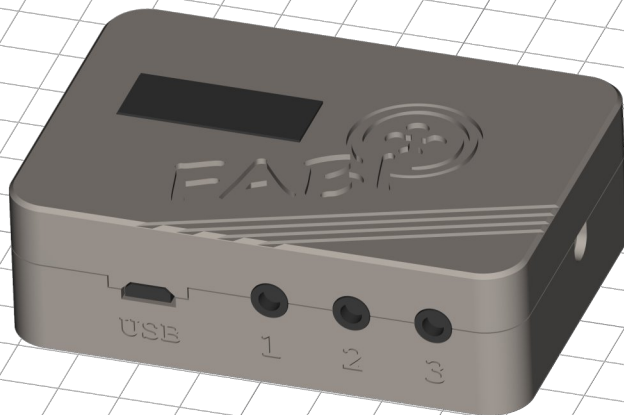




Construction Manual



Welcome to the FAB1

Construction Manual

This manual covers detailed step-by-step instructions for building the FAB1 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!



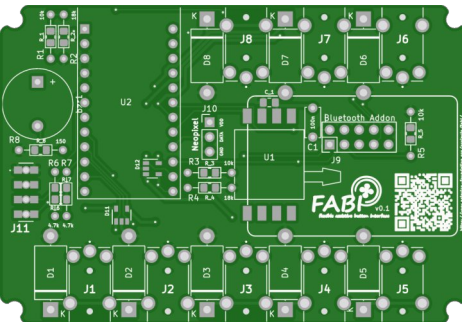
This part is done in this step

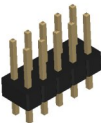



Part number for this step
(see part overview on page 3)

Part Overview - Electronic Parts

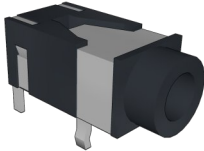
- 1


- 2



- 3


- 4


8x


- 5


8x


- 6


200R

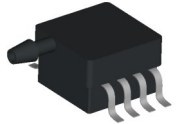

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- 8

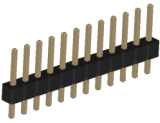
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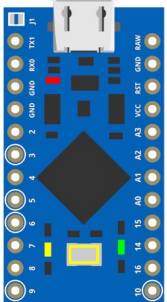

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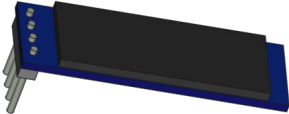

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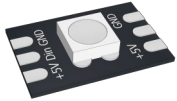

- 11

2x


- 12


- 13


- 14



Part Overview - Case Parts

14

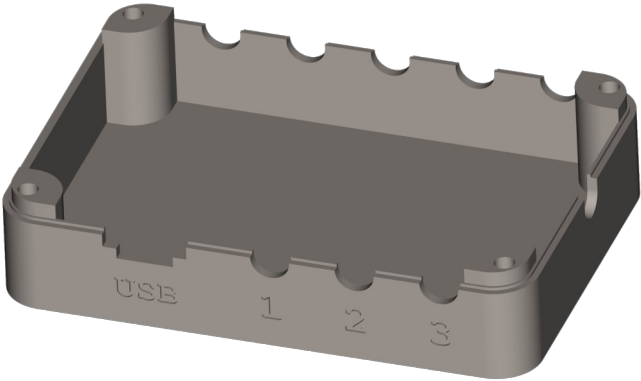


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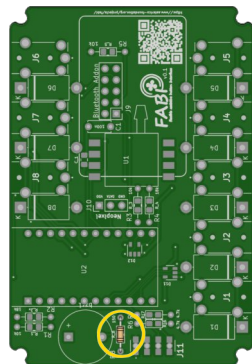
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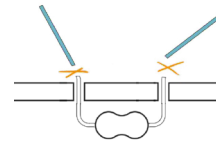
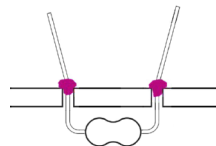
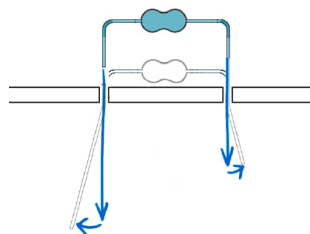


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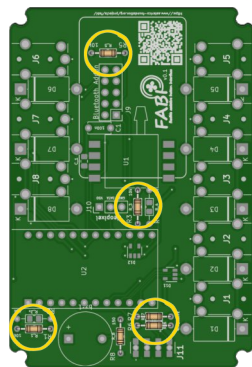


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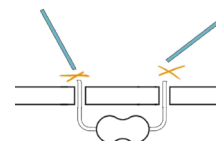
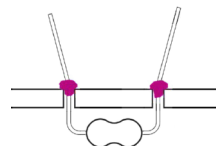
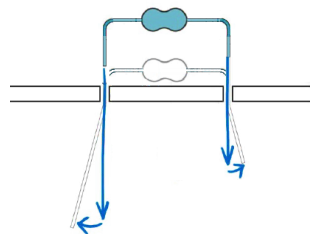
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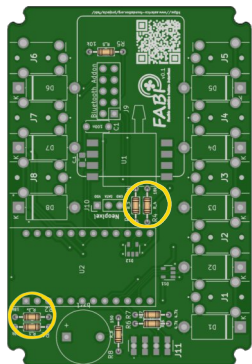
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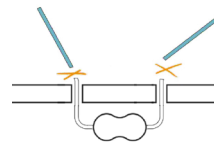
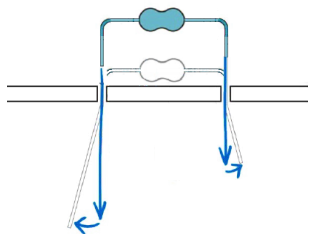
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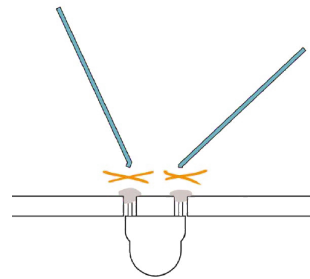
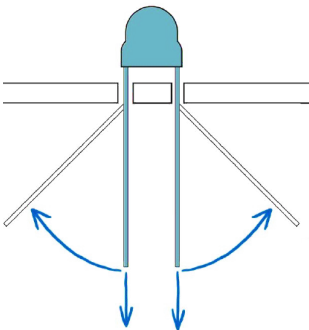
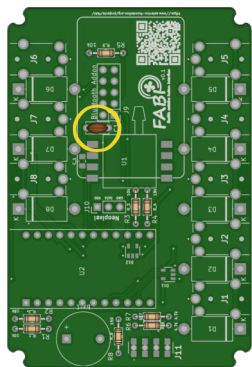
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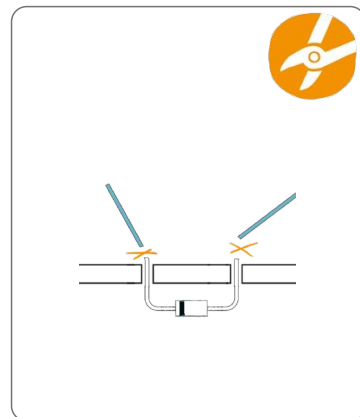
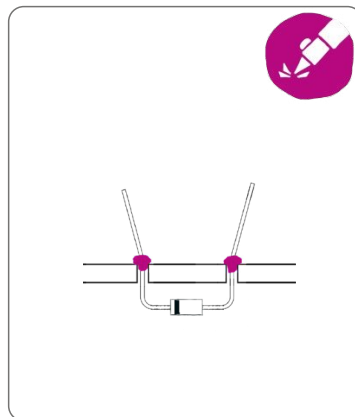
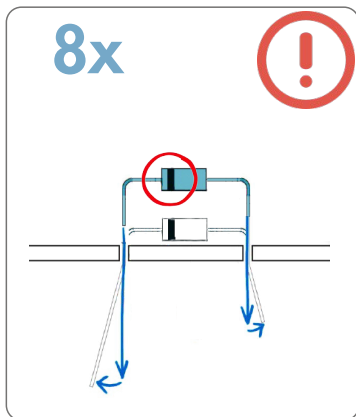
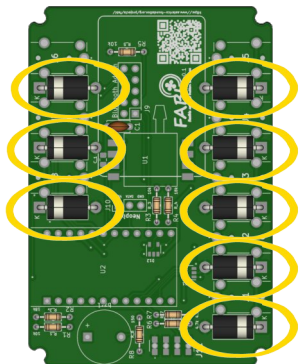
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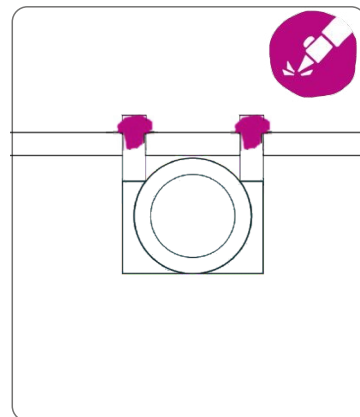
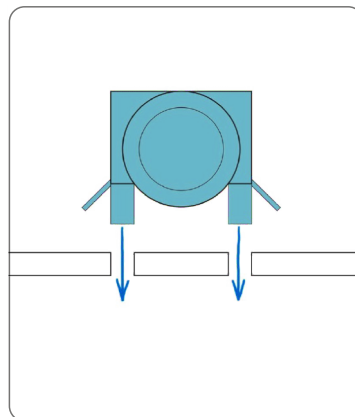
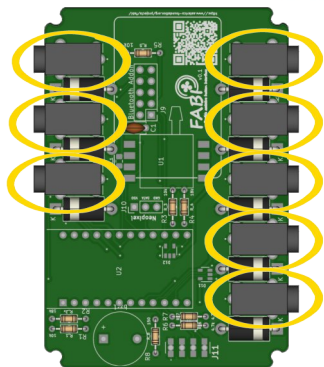
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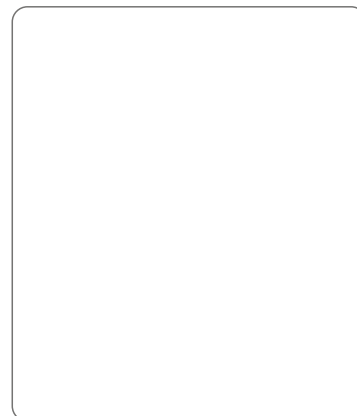
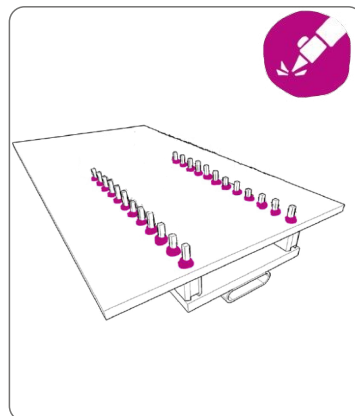
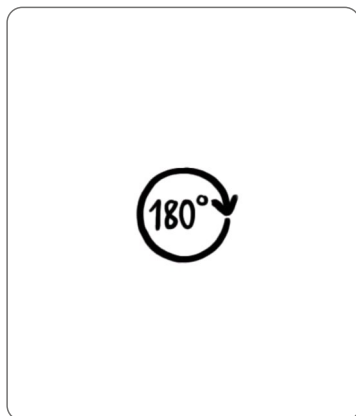
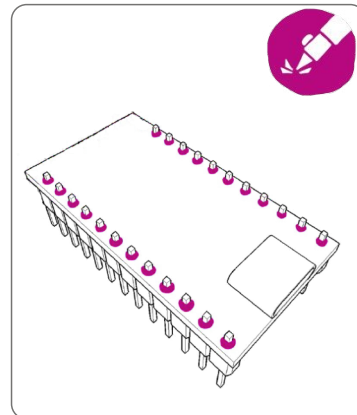
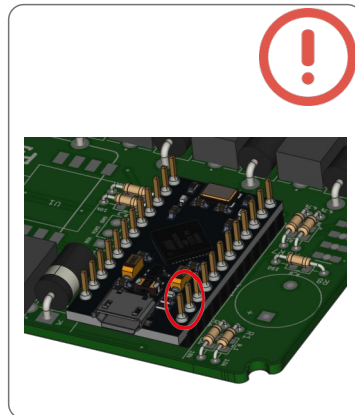
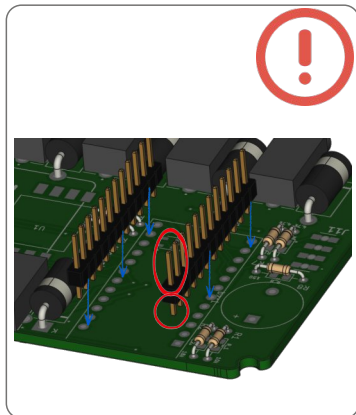
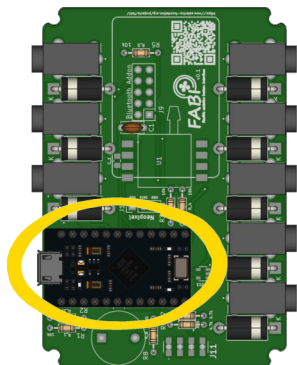


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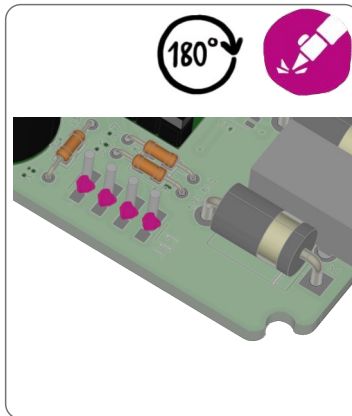
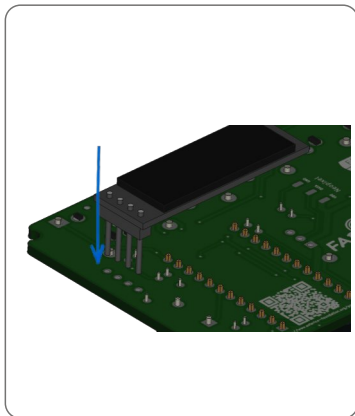
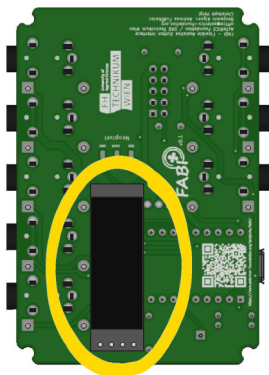


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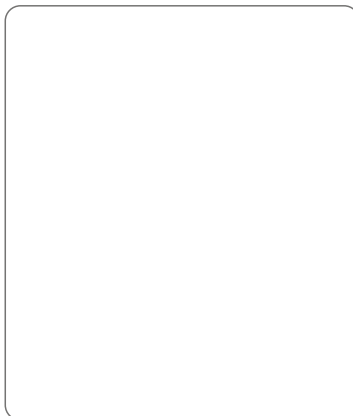
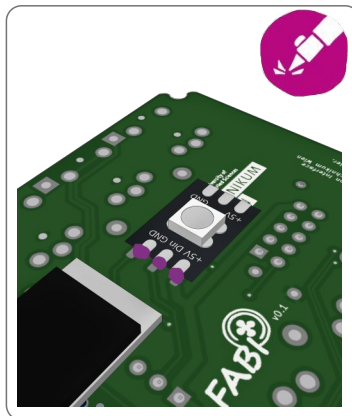
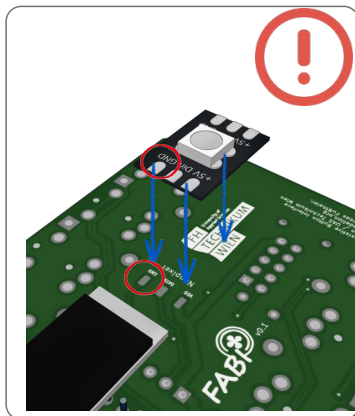
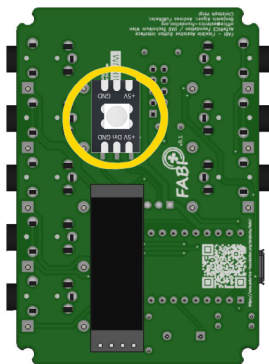
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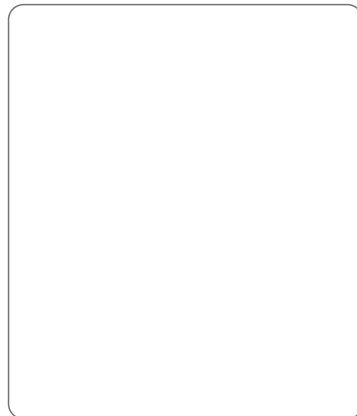
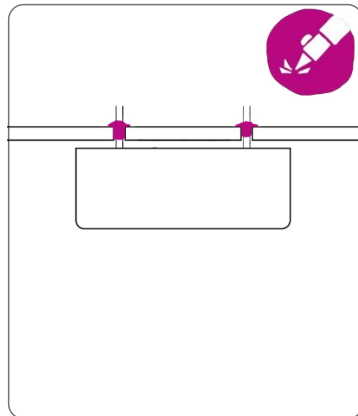
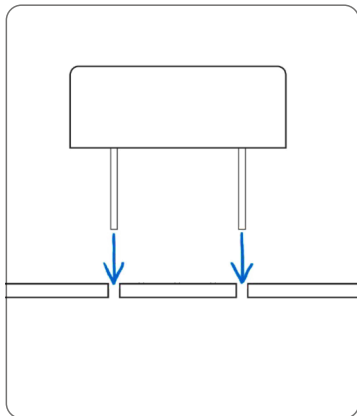
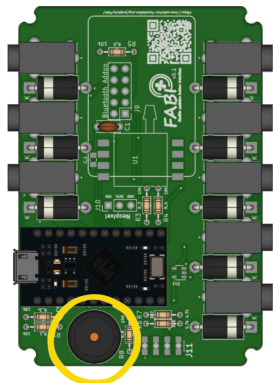


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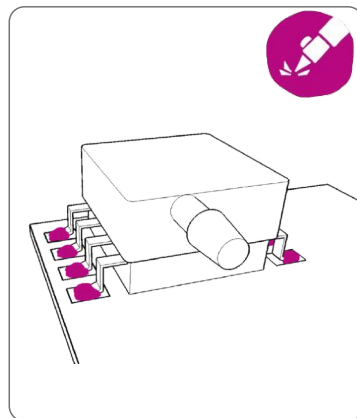
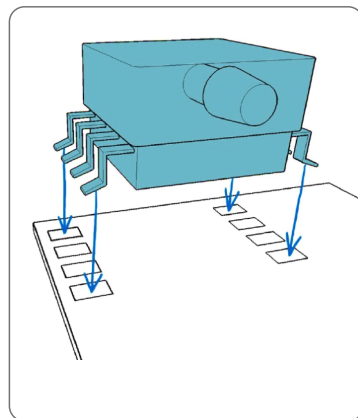
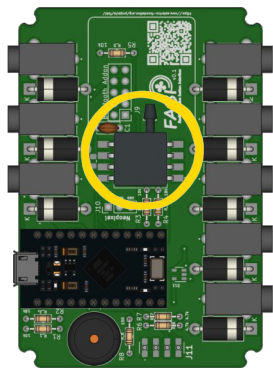




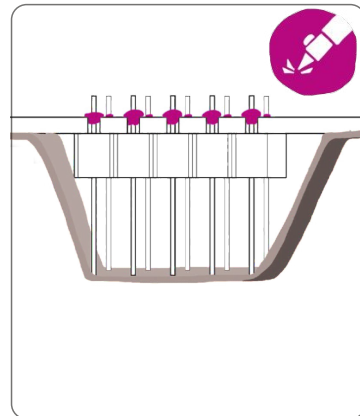
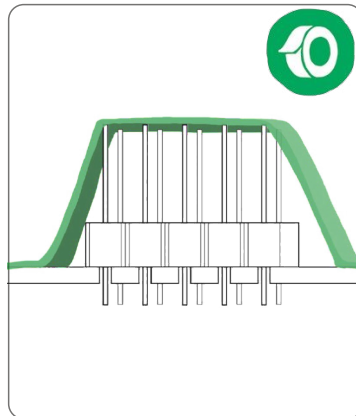
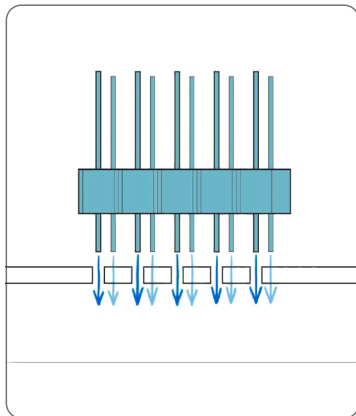
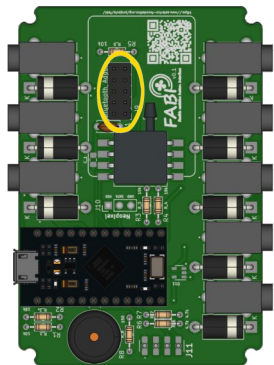
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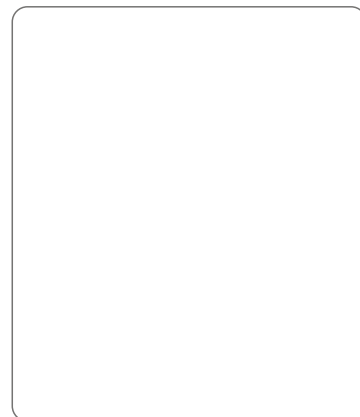
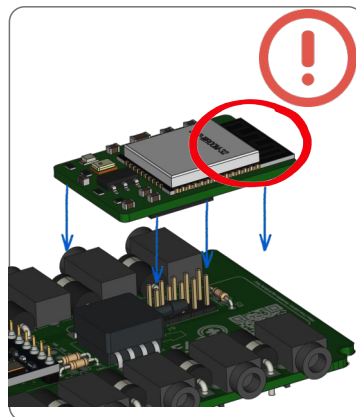


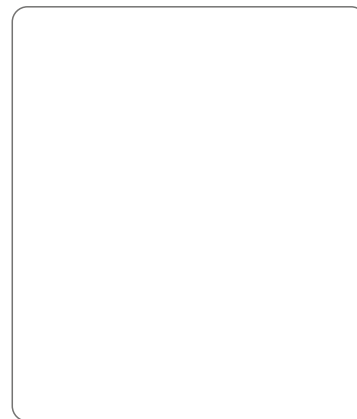
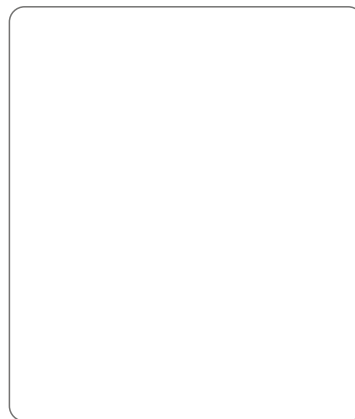
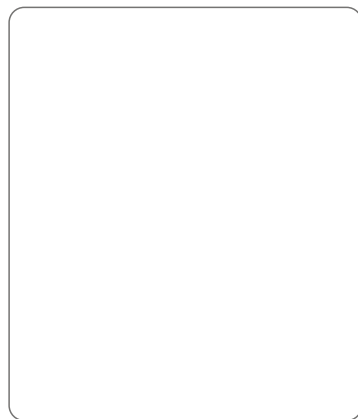
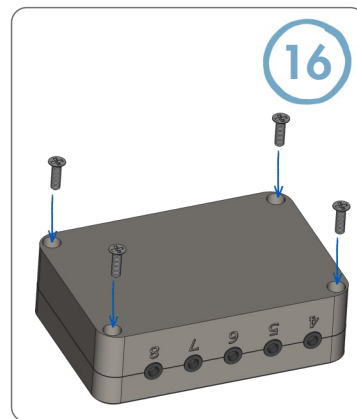
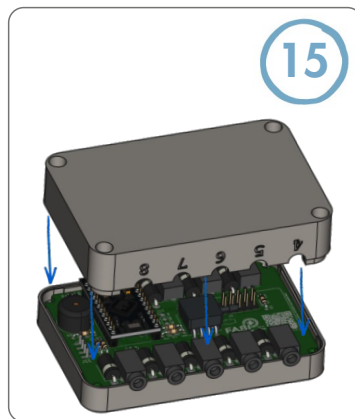
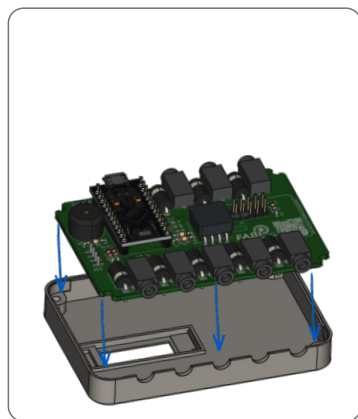
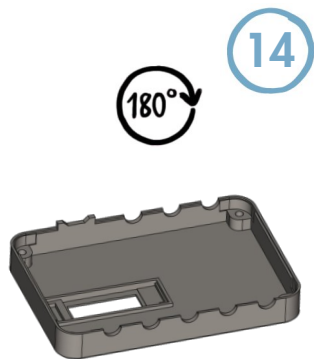
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optional

ESP32 - Addon:





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