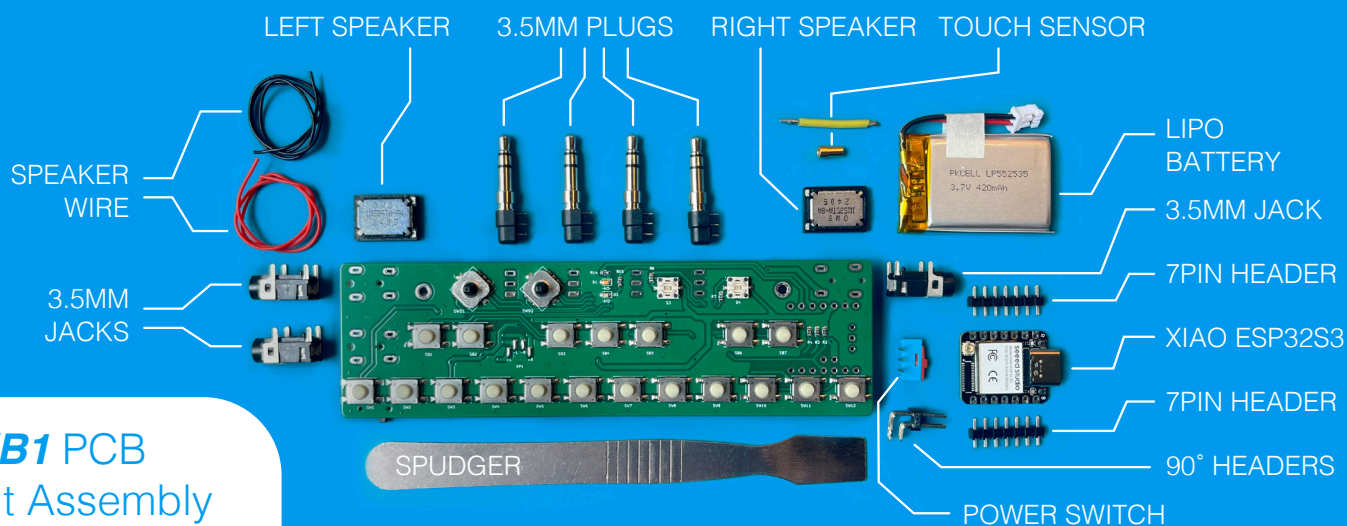


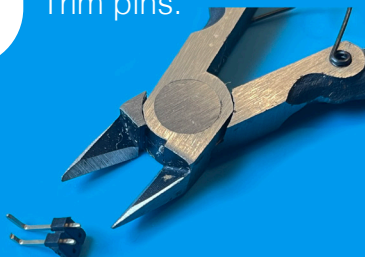
KB1 PCB Kit Assembly



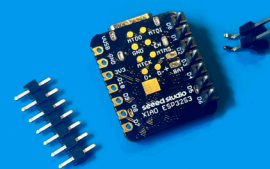
- 1 Remove longer pins from plastic guides of 90° headers.



- 2 Trim pins.

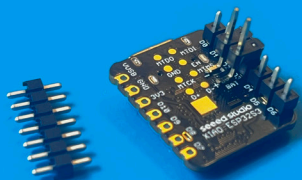


- 3 Add 7pin header to XIAO board.

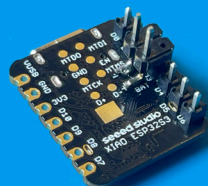


Observe BAT +/- solder pads.

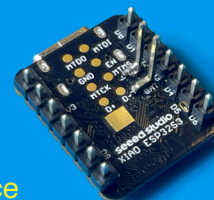
- 4 Align 90° pins with solder pads using plastic guides



- 5 Solder 90° pins in place.

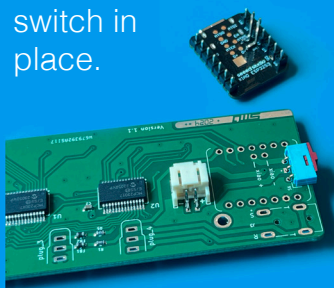


- 6 **CAREFULLY** remove plastic guides.

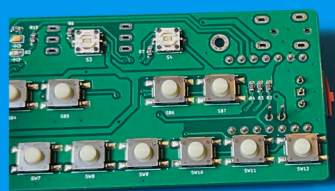


Excessive force will rip off solder pads!

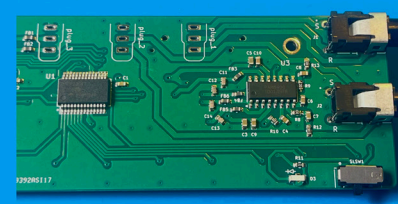
- 7 Place power switch in place.



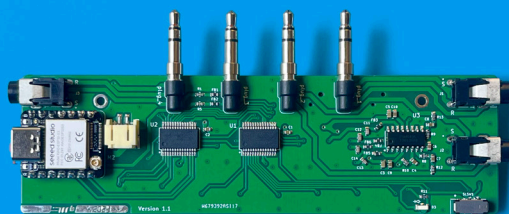
- 8 Add assembled XIAO then solder parts.



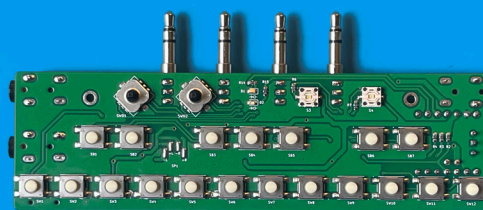
- 9 Begin placing 3.5mm components.



- 10 All PCB parts in place...

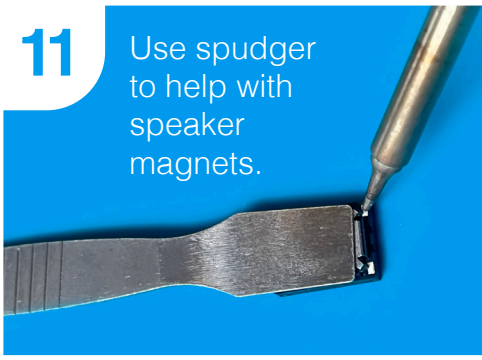


...soldered and trimmed.



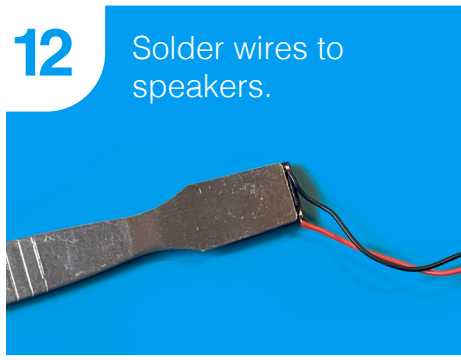
11

Use spudger to help with speaker magnets.



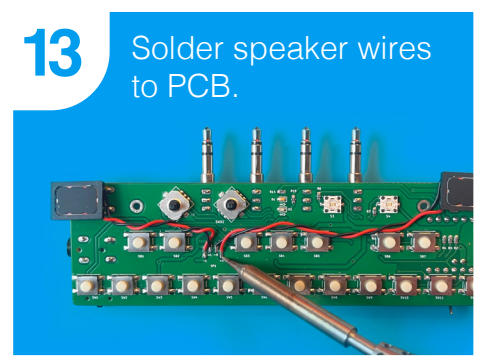
12

Solder wires to speakers.



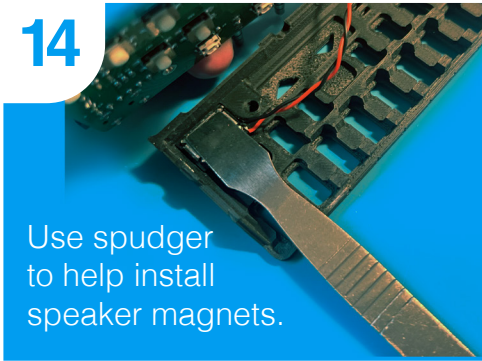
13

Solder speaker wires to PCB.



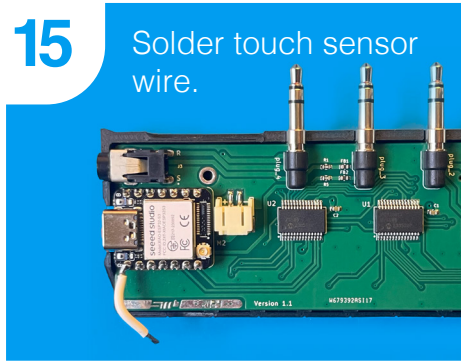
14

Use spudger to help install speaker magnets.



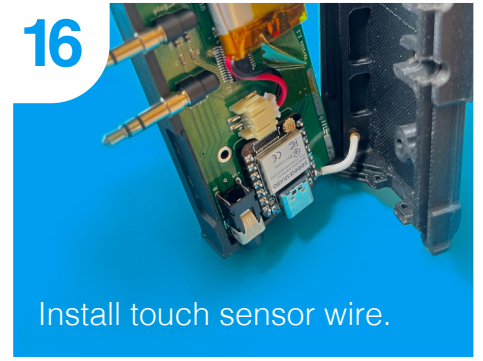
15

Solder touch sensor wire.



16

Install touch sensor wire.



This document is a work in progress and will be completed after the BETA phase of production.