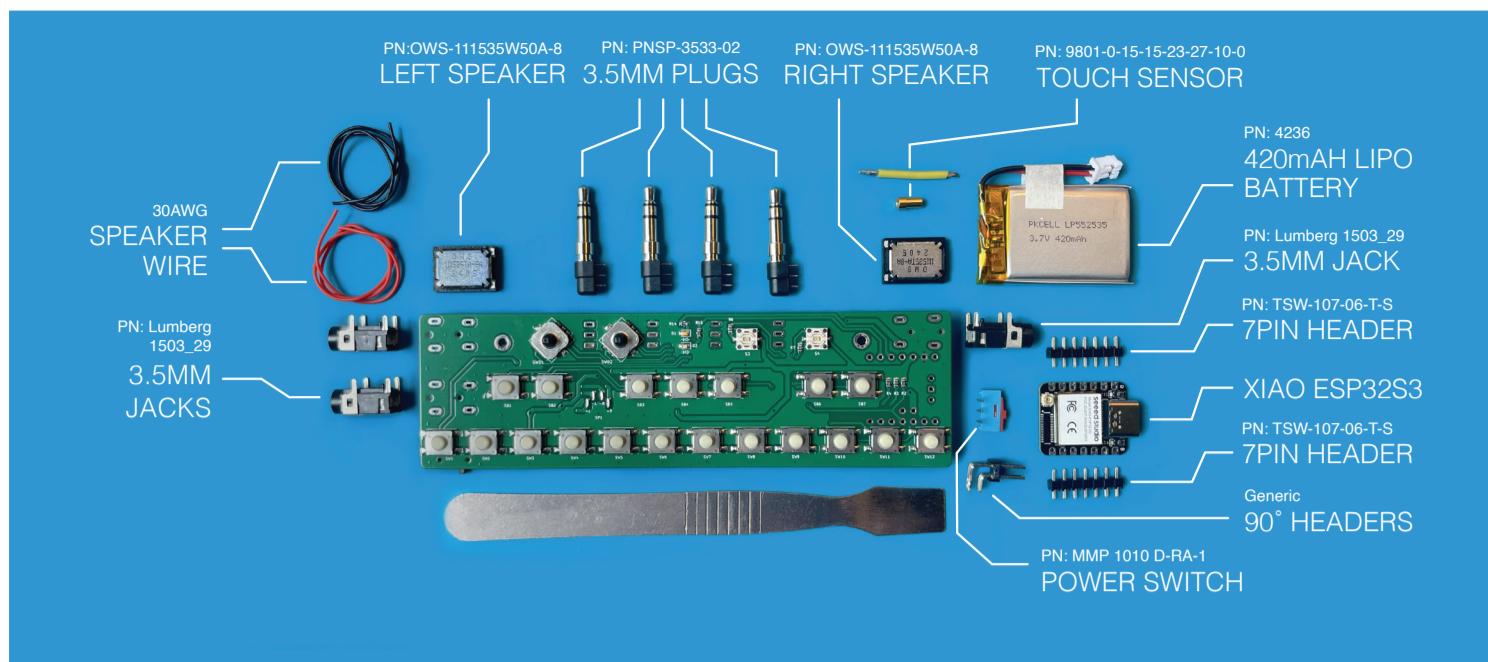


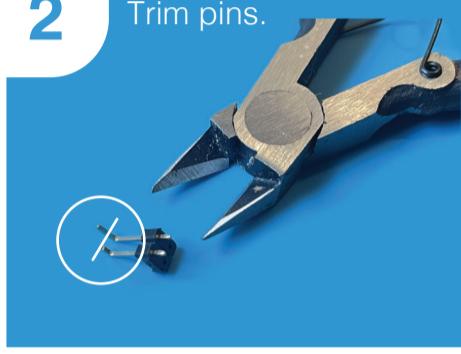
KB1 PCB Assembly Instructions



1 Remove long pins from plastic guides of 90° headers.



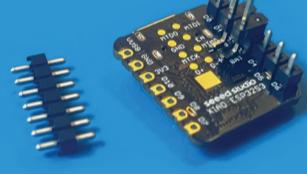
2 Trim pins.



3 Add 7pin header to XIAO board.



4 Align 90°pins with solder pads using header guides.



5 Solder 90°pins in place.

It helps to add a little solder to the pads as well as the header pins before soldering in place



6 **CARFULLY** remove plastic guides...

then solder 7 pin headers to Xiao board



CAUTION! excessive force will rip off solder pads!

7 Place power switch in place.



8 Add assembled XIAO then flip board and solder the parts.

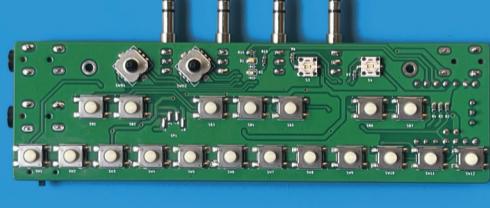
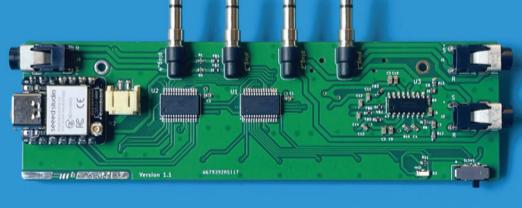


9 Begin placing 3.5mm components.



10 All PCB parts in place...

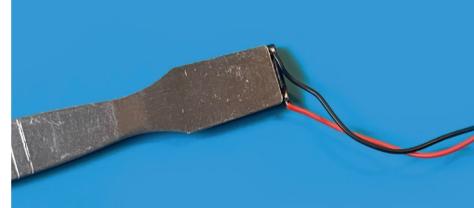
...soldered and trimmed.



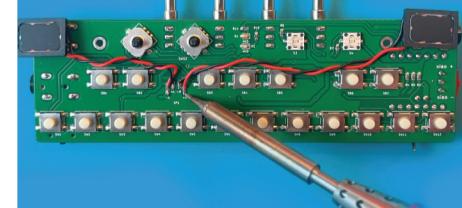
11 Use spudger to help hold speakers.



12 Solder wires to speakers.



13 Solder speaker wires to PCB.



14 Use spudger to help install speakers.



15 Solder touch sensor wire.



16 Solder wire to sensor pin and install.

