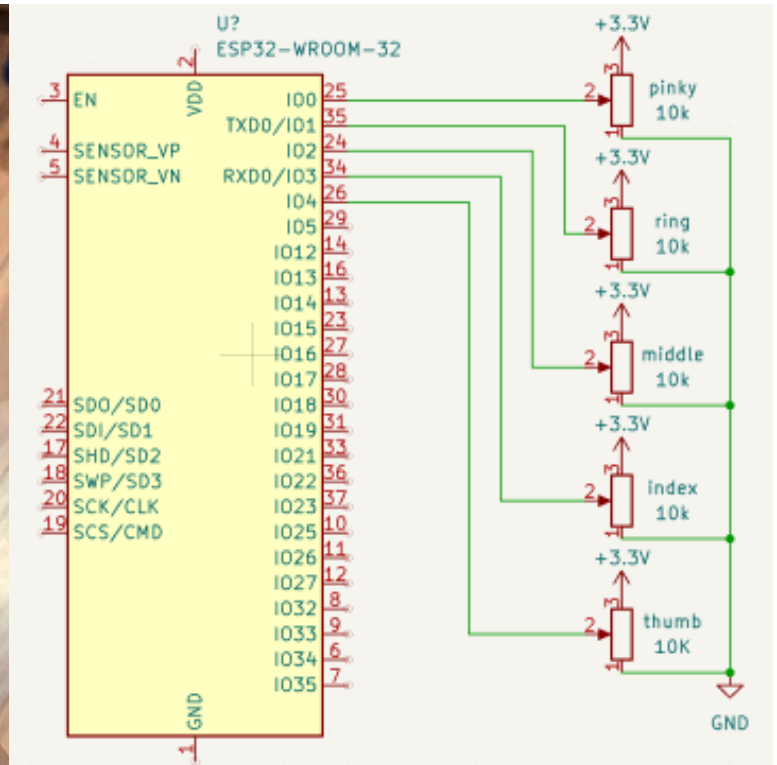


# Relevant Projects



## SLING

Portable sign language interpreter.  
Utilises text to speech and Google  
Translate API to improve  
communication for the deaf



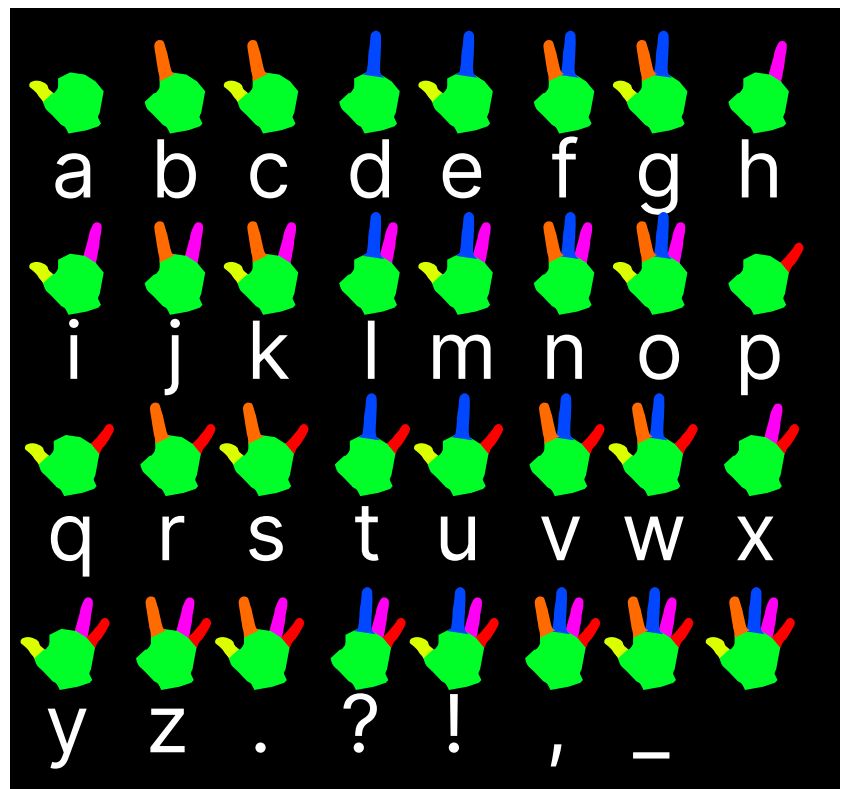
Spring Holder



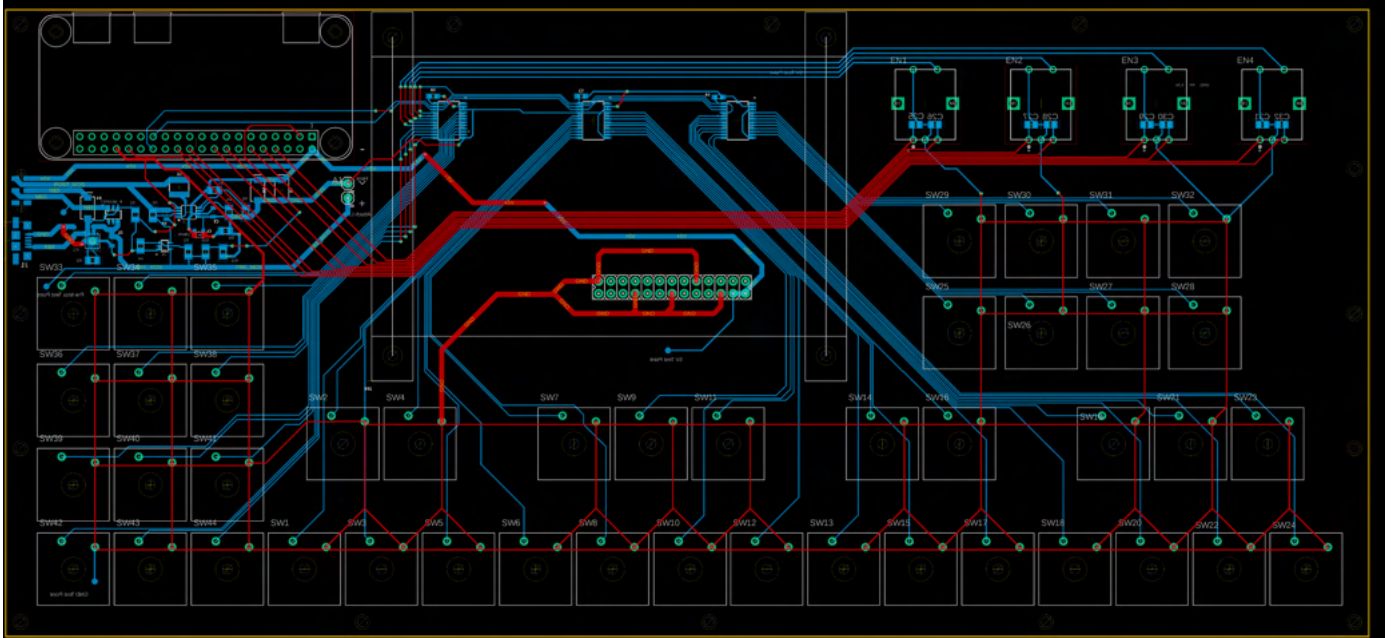
Finger Mount



Hand Mount

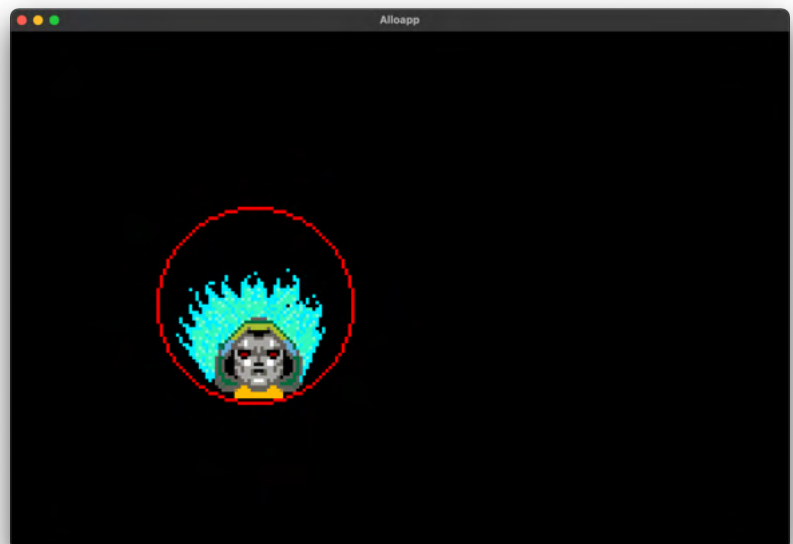
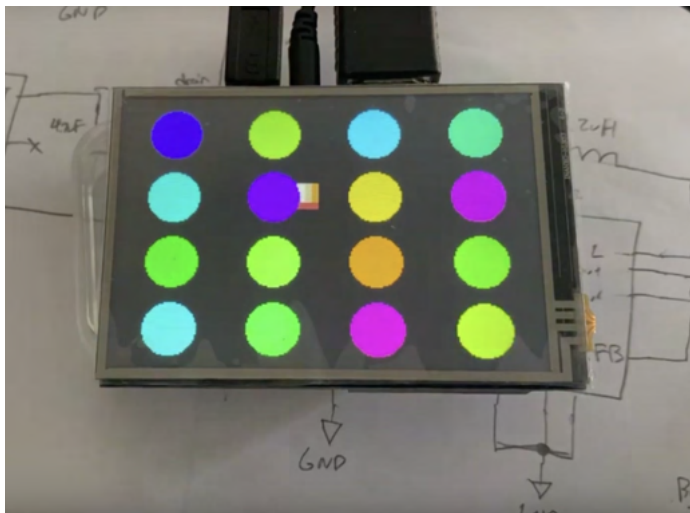
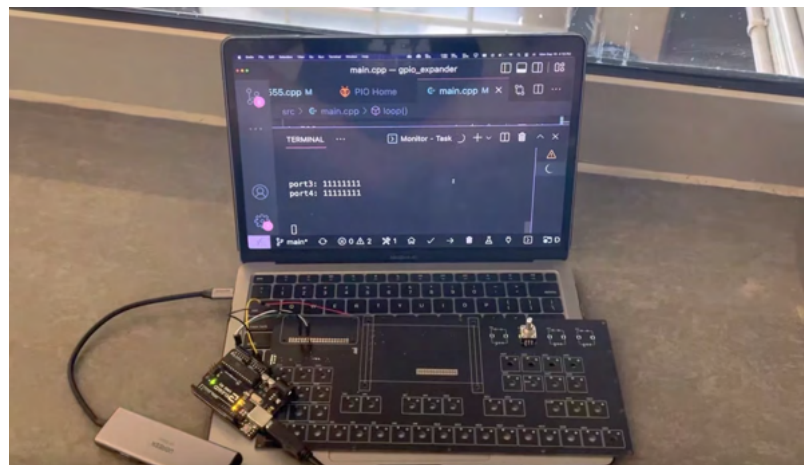


# Relevant Projects



## Box

Open source groovebox (portable DAW).  
Wrote engine in OpenGL + Gamma audio library, built PCB with custom battery management system. Deployed on embedded debian (Radxa Zero).  
Wrote custom i2c firmware for CAT9555 GPIO expander (bottom)





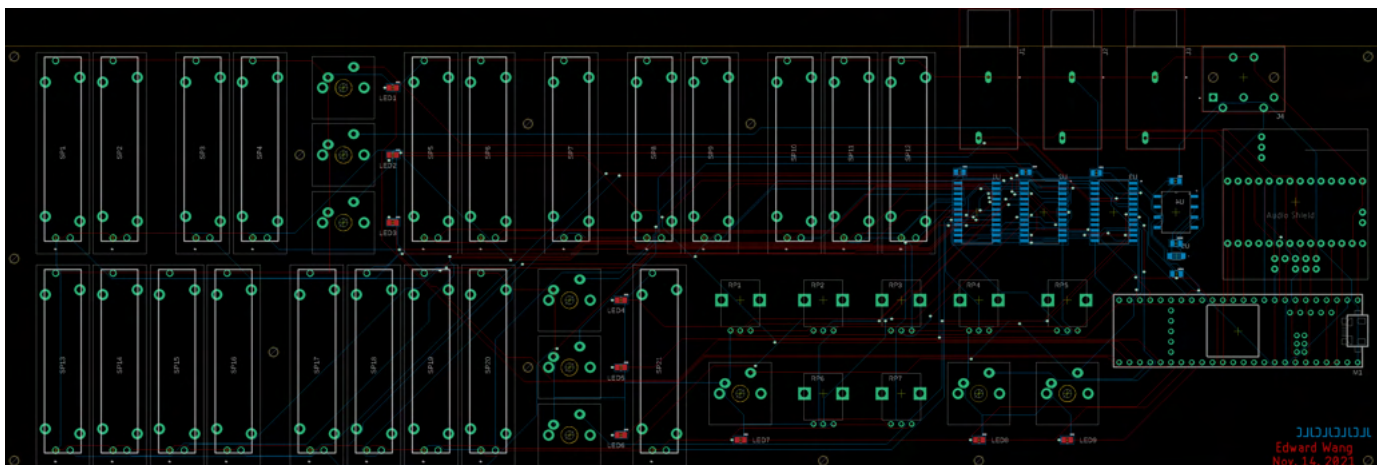
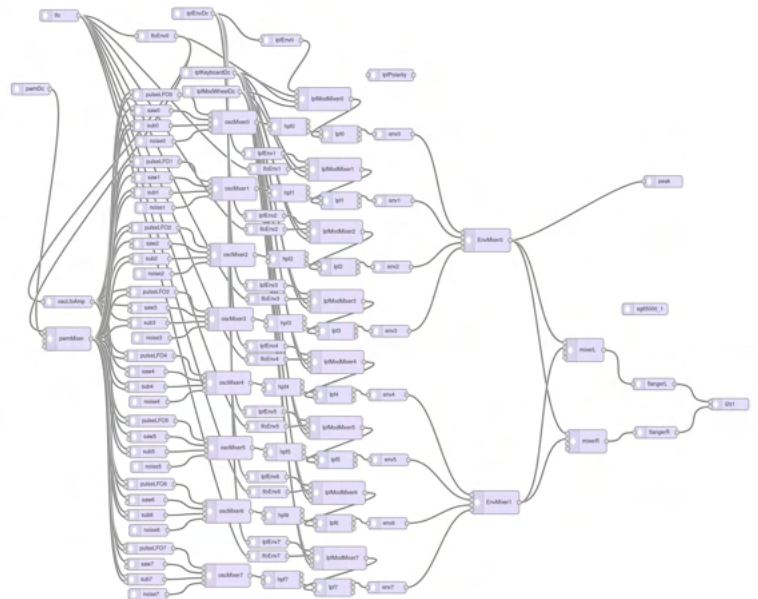
# Relevant Projects



## Teensy-Juno

Wrote DSP for synth emulation of the Juno-106 synthesizer.

Implemented polyphonic 8 voice architecture on the Teensy 4.1 microcontroller



Edward Wang  
Nov. 14, 2021