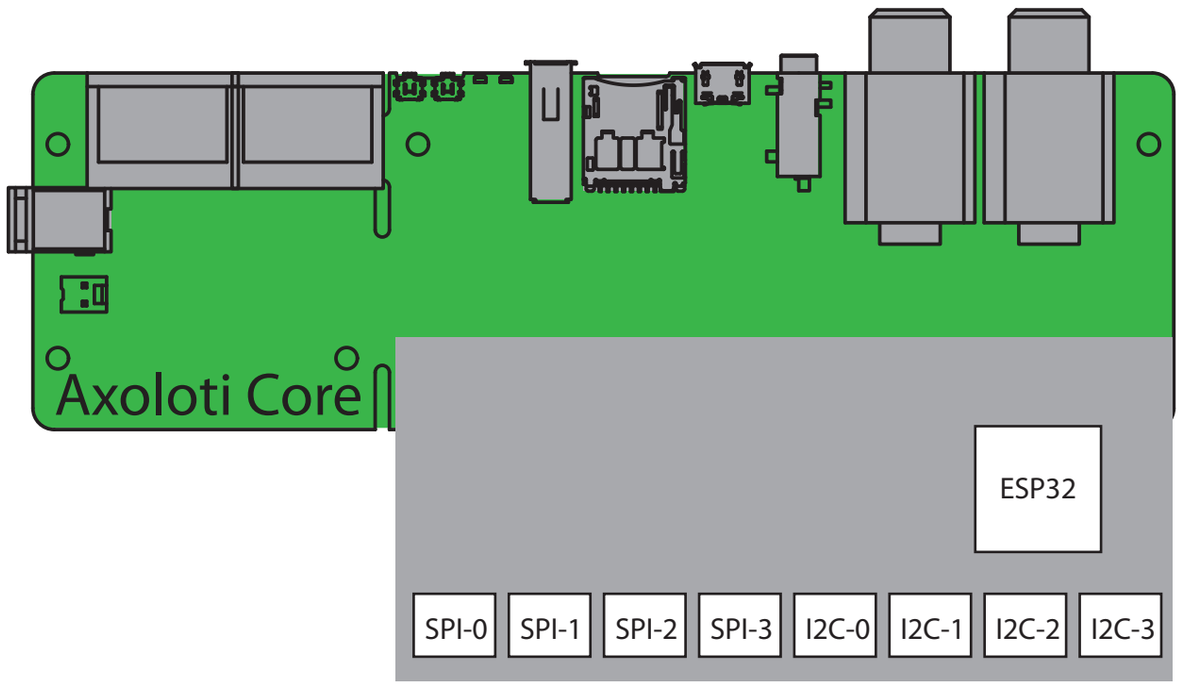
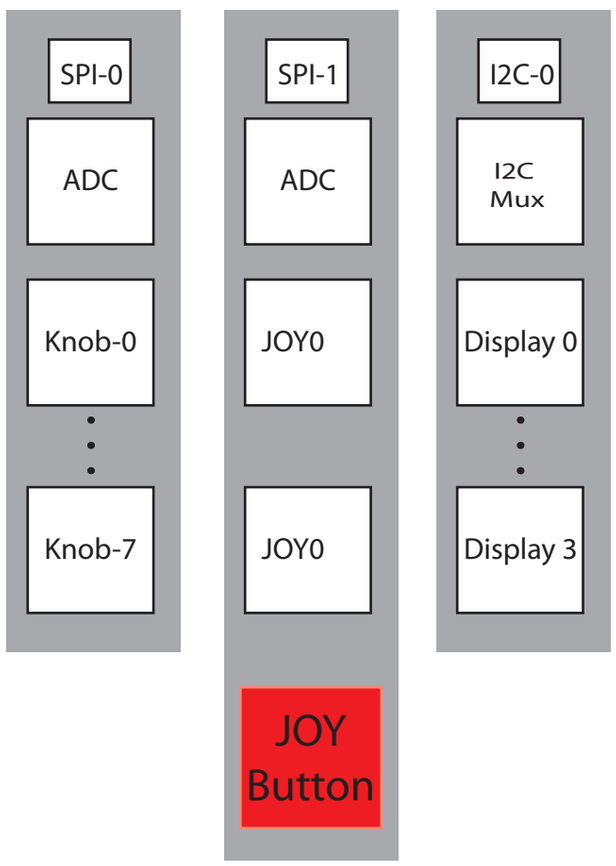
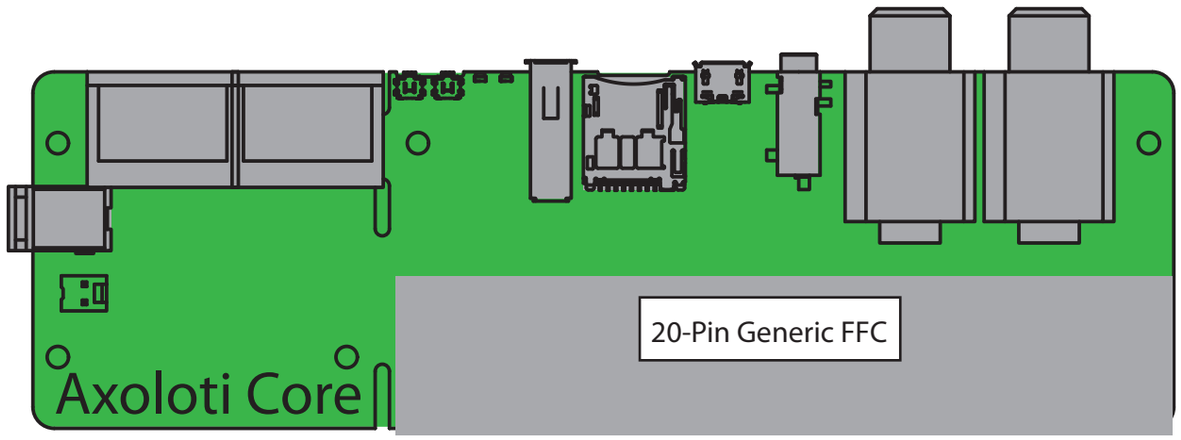
Universal Serial Breakout Scheme

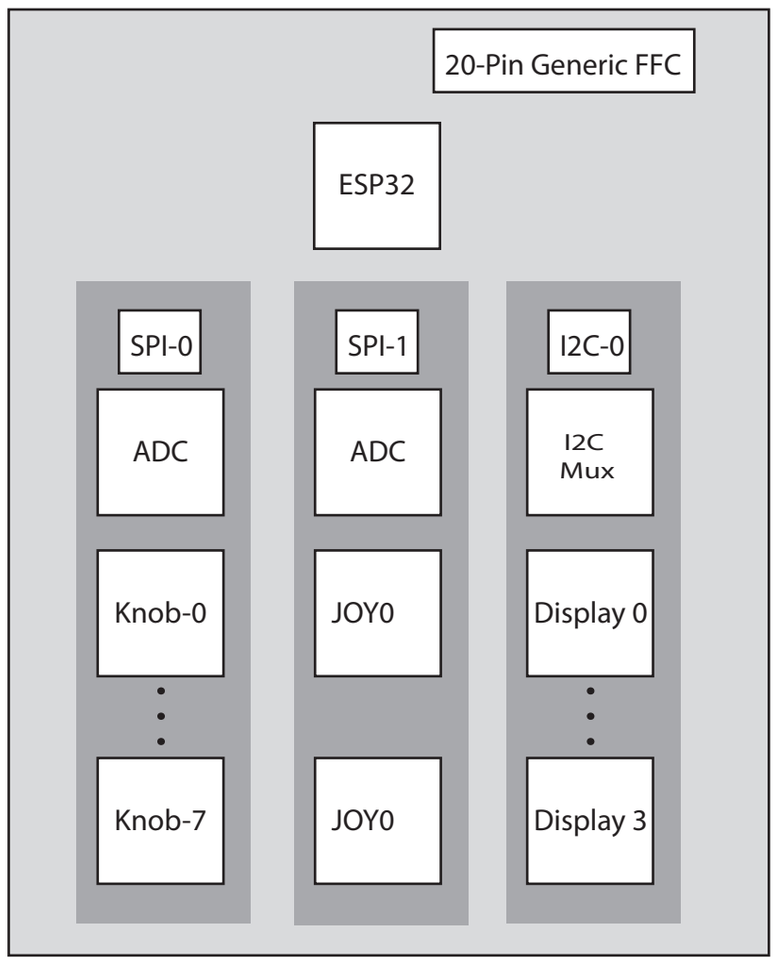


20-Pin Generic FFC

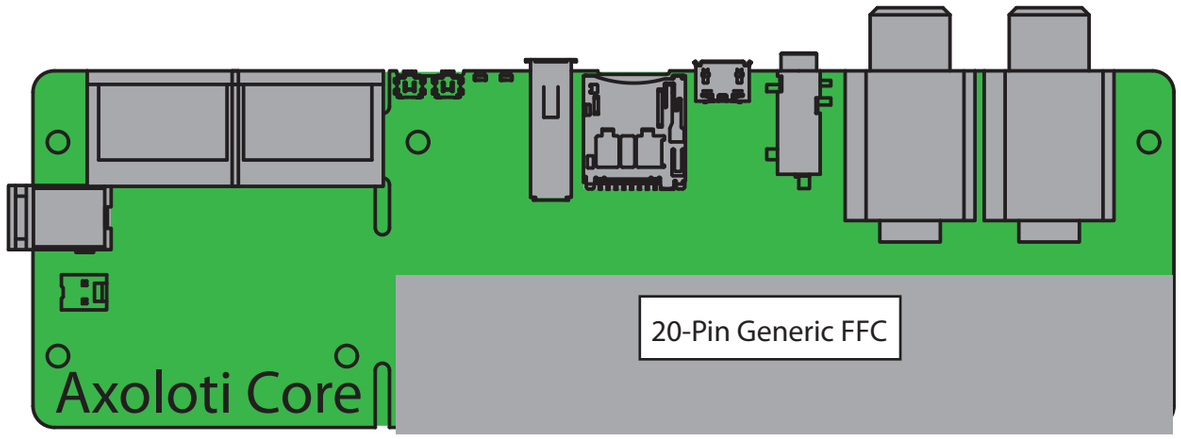


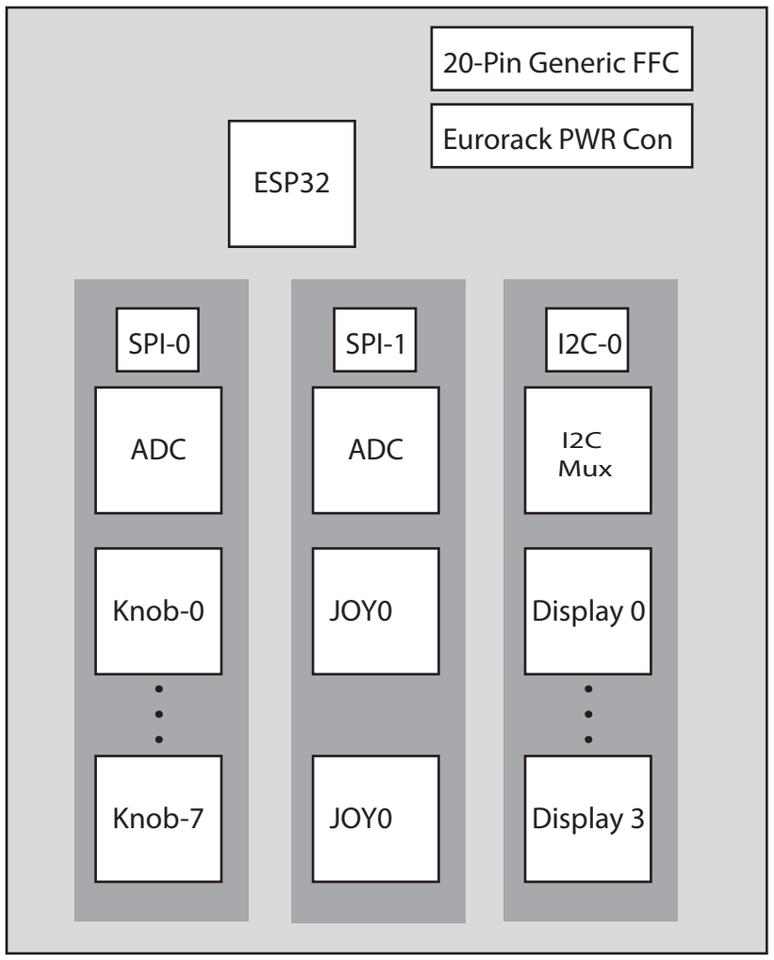
Each module has it's own brain
Basic serial communication to the Axo core

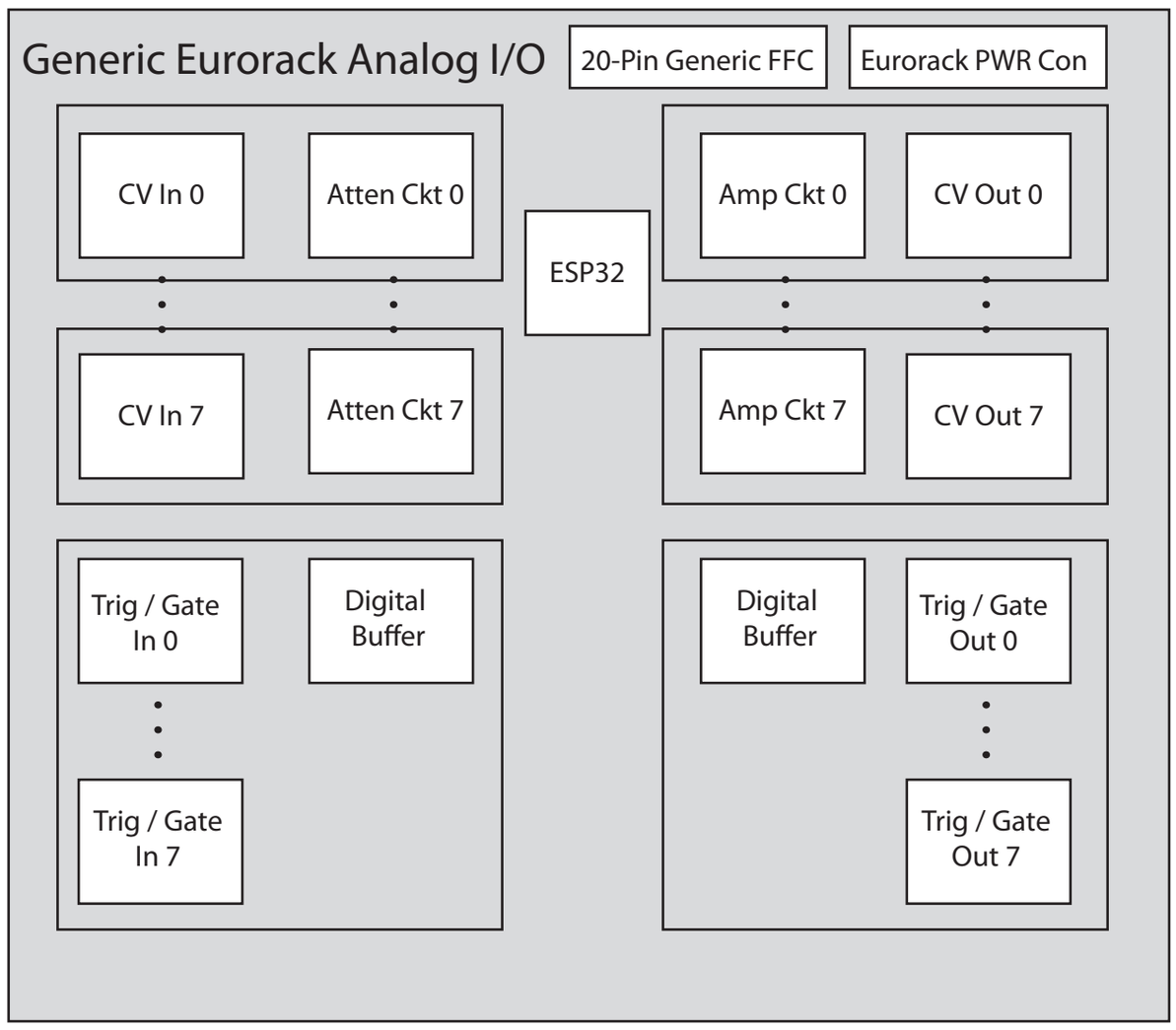


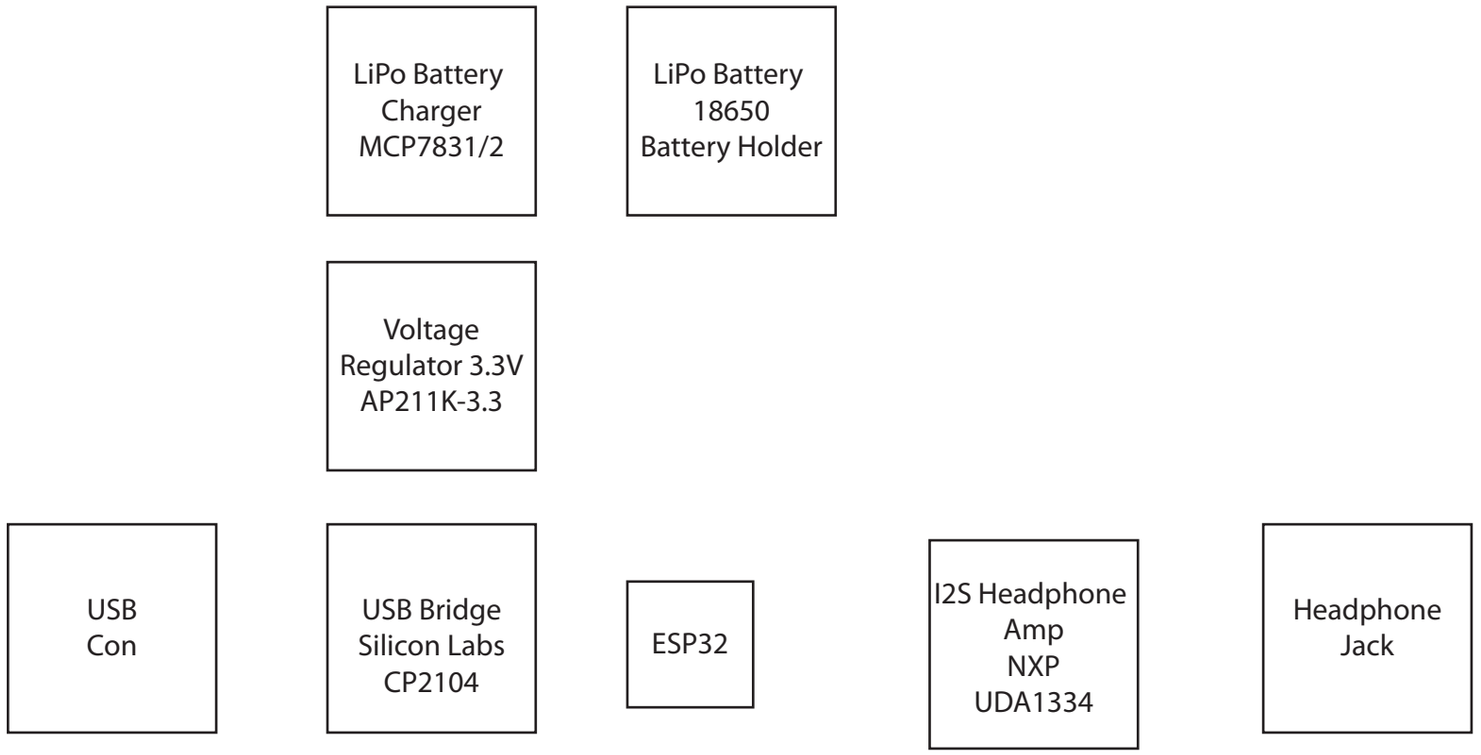


Sketching other modules to think about needs across designs

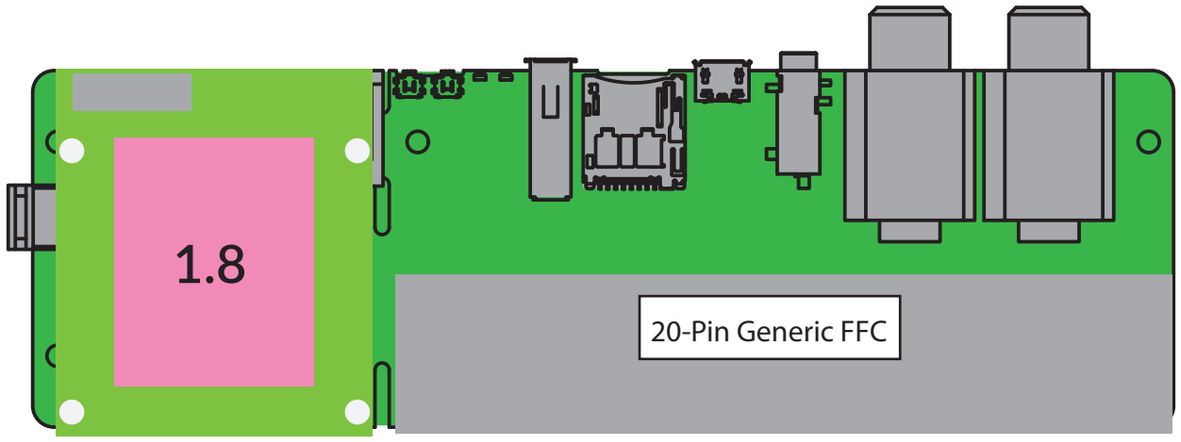




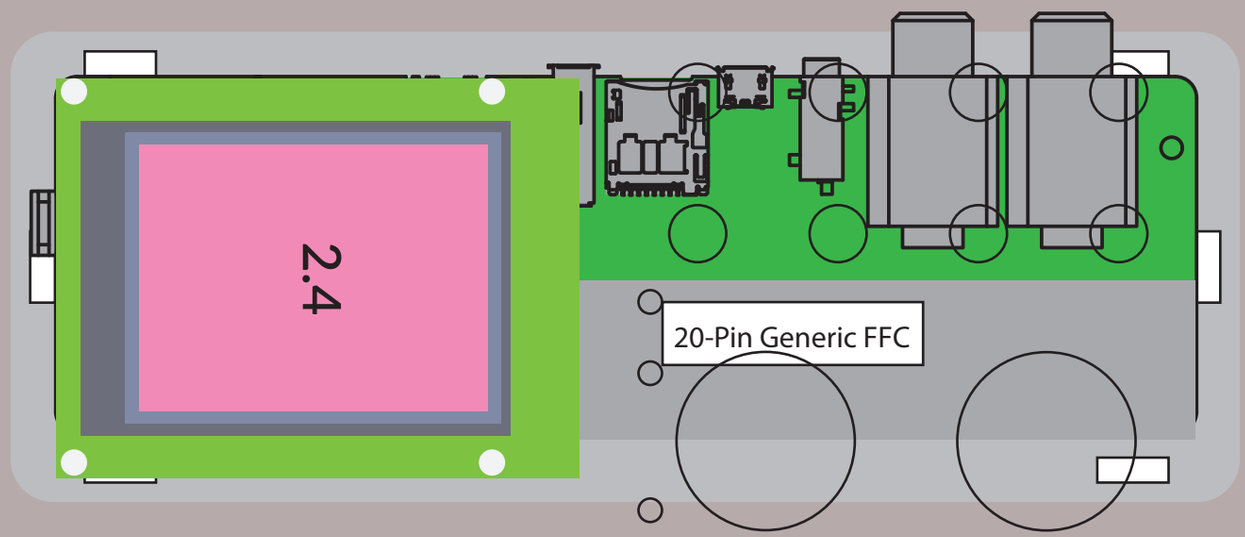


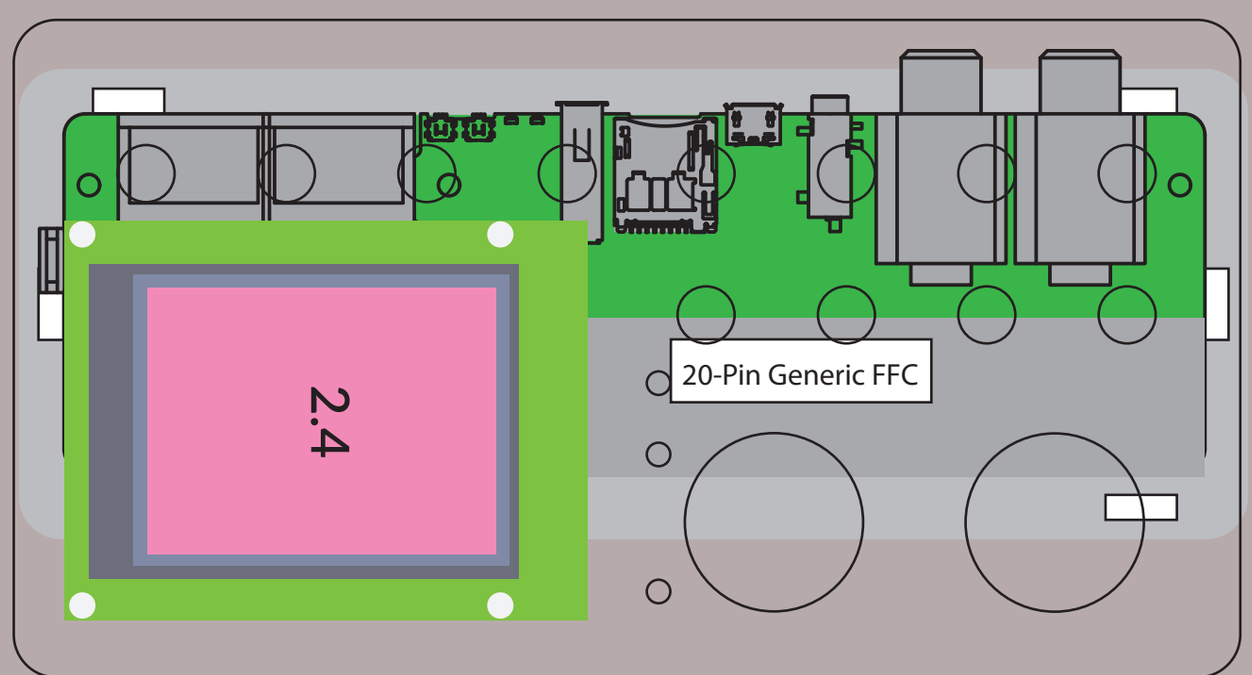

LiPo Battery
Charger
MCP7831/2
LiPo Battery
18650
Battery Holder
Voltage
Regulator 3.3V
AP211K-3.3
USB
Con
USB Bridge
Silicon Labs
CP2104
ESP32
I2S Headphone
Amp
NXP
UDA1334
Headphone
Jack

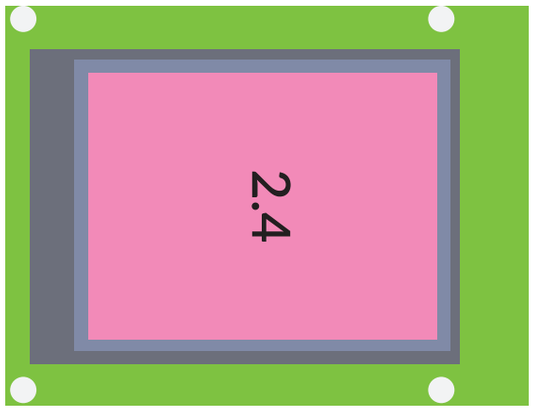
Axoloti Core Designs



Axoloti Eats into Wanderlust market, extra work. May as well update wanderlus

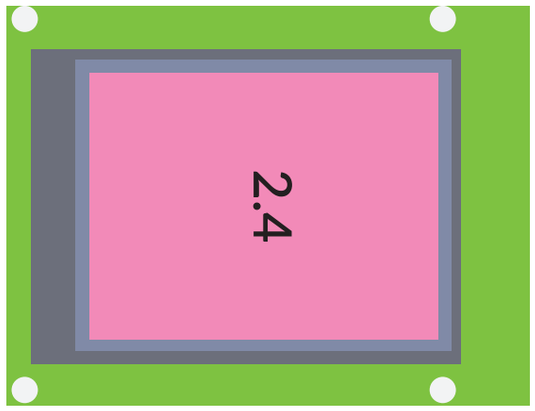






ESP32

Fast Boot



PI

Less Dev Time
(Audio + Video
Built In)

Slow Boot

More expensive (3X -> 9X)

Battery

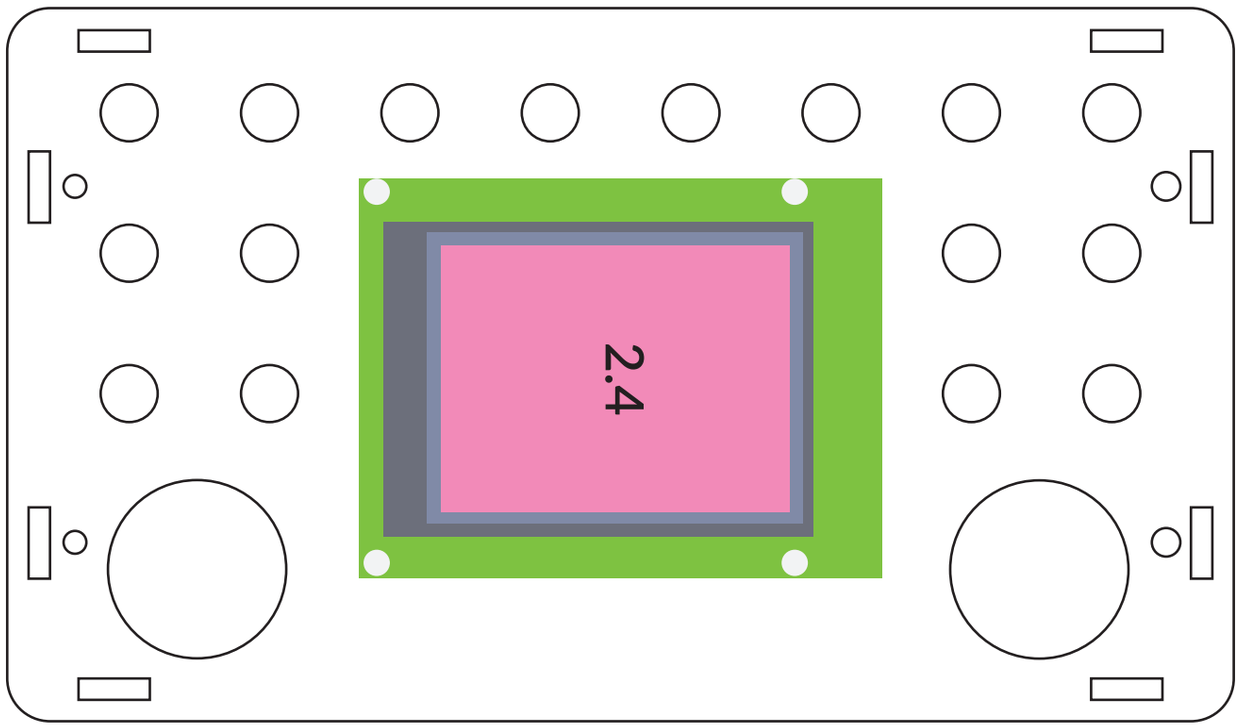
ESP32 WROVER

18650

Audio Jack

USB

uSD

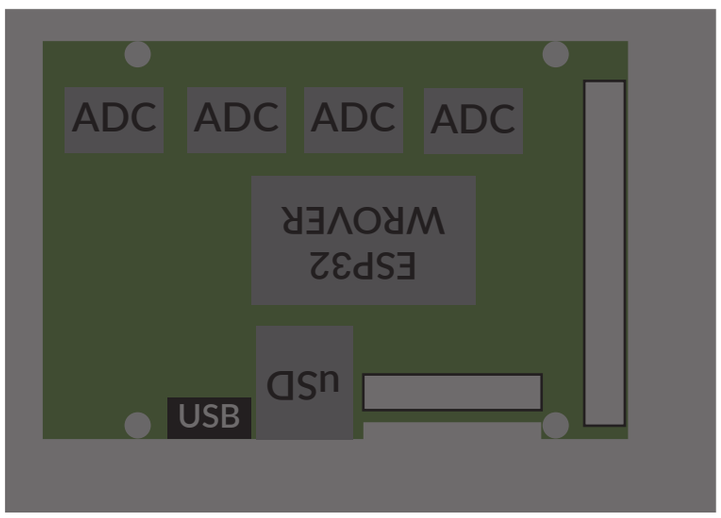


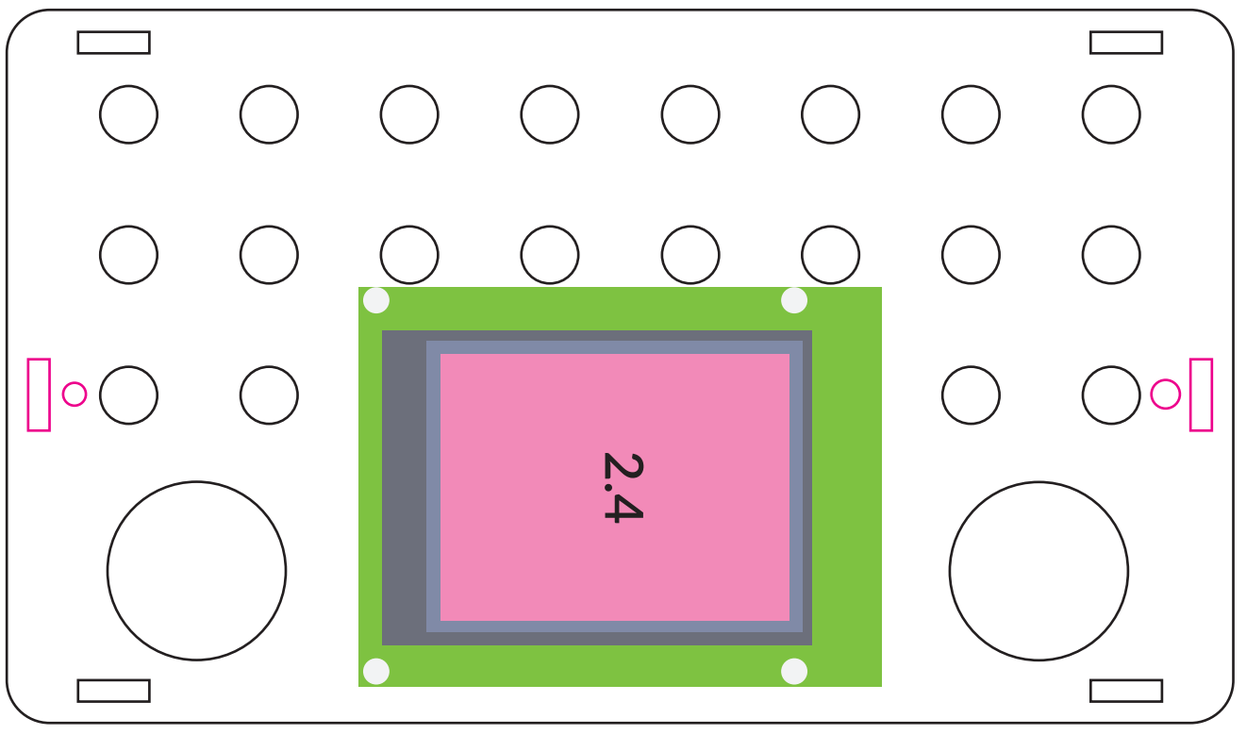
Audio Jack

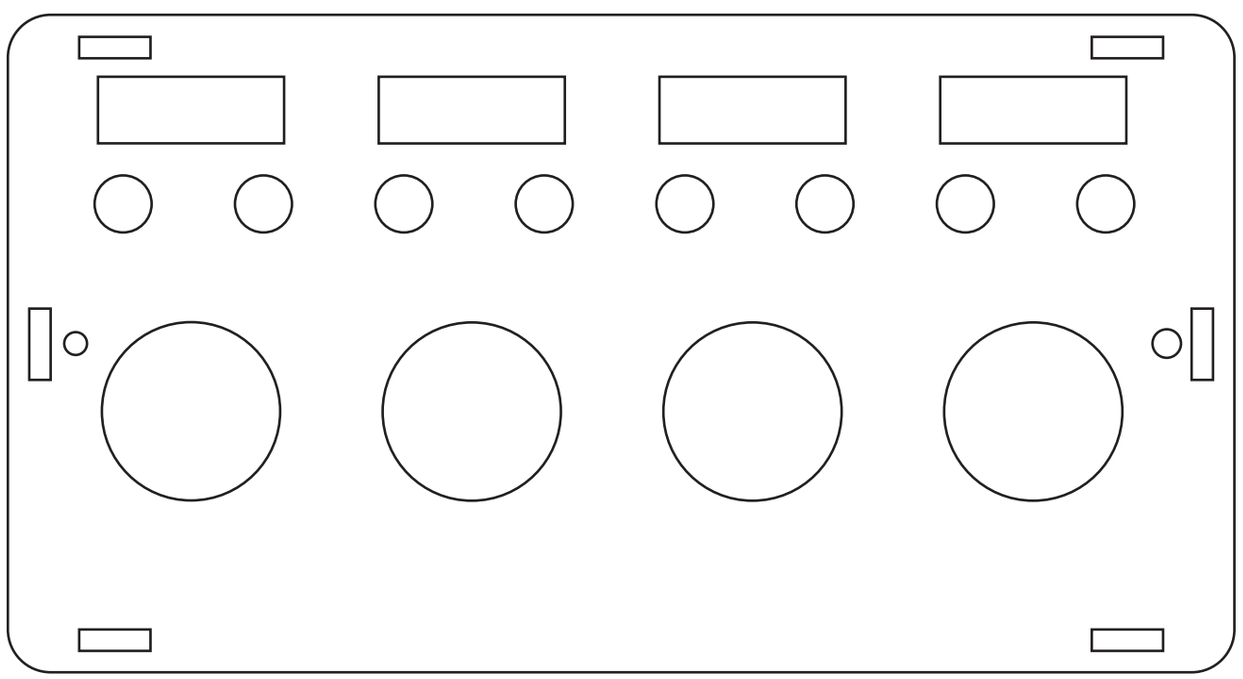
USB

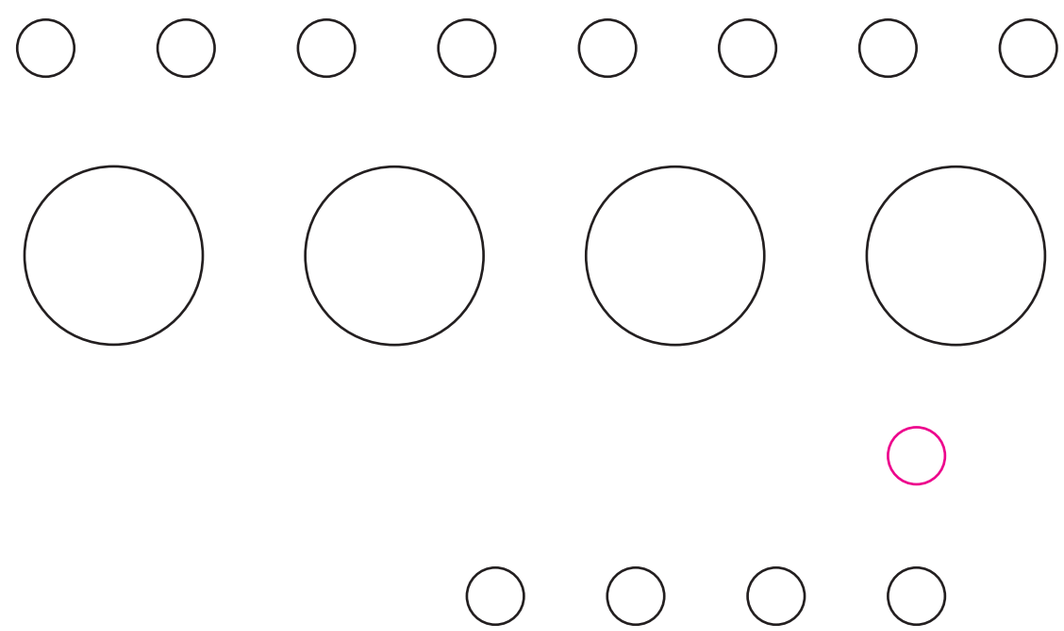
uSD

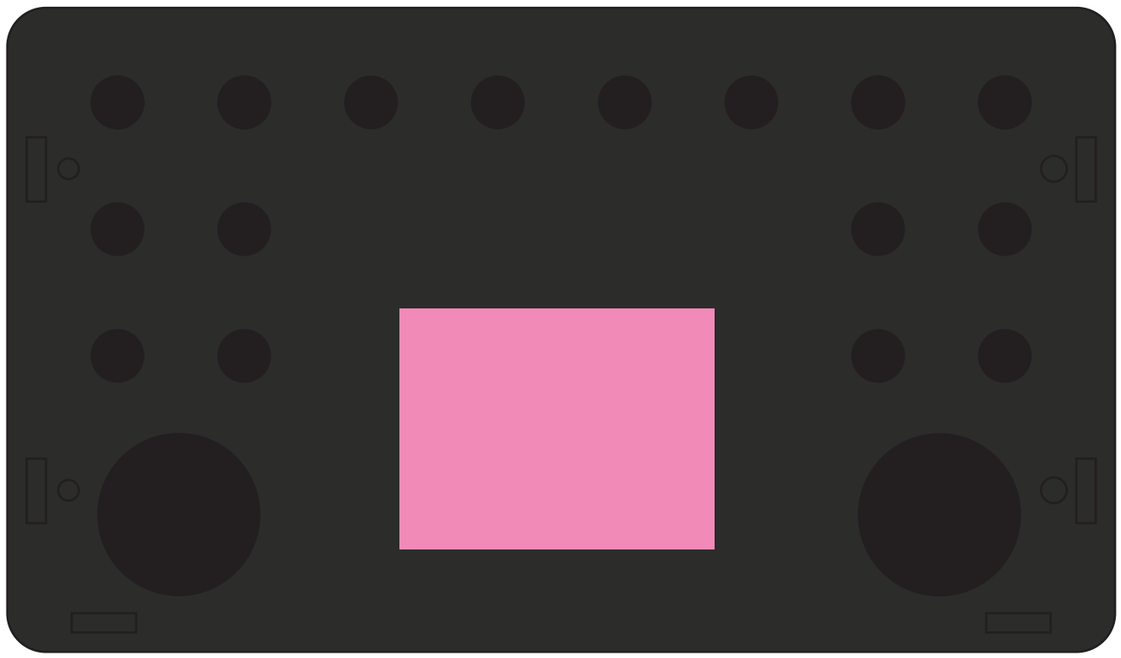
ESP32 WROVER

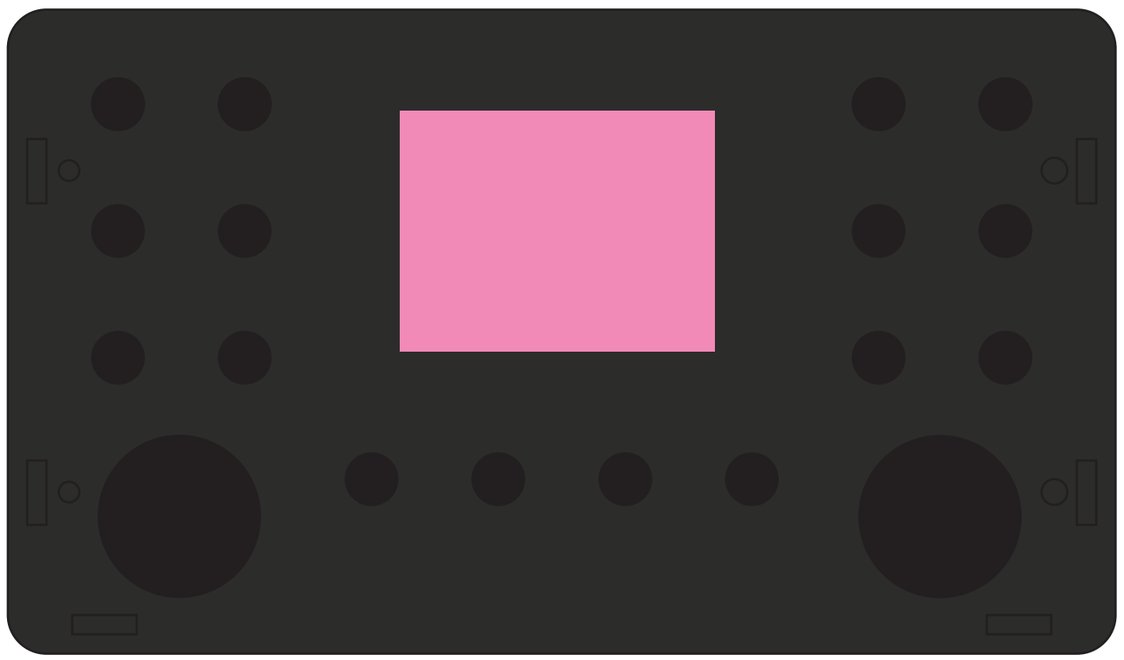


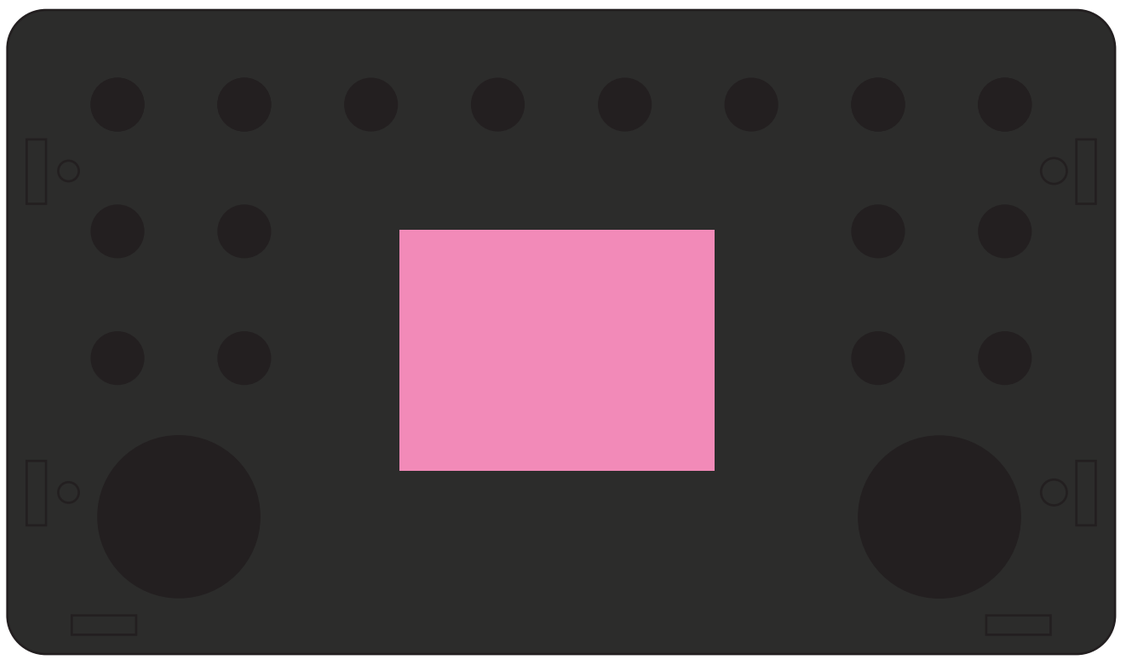


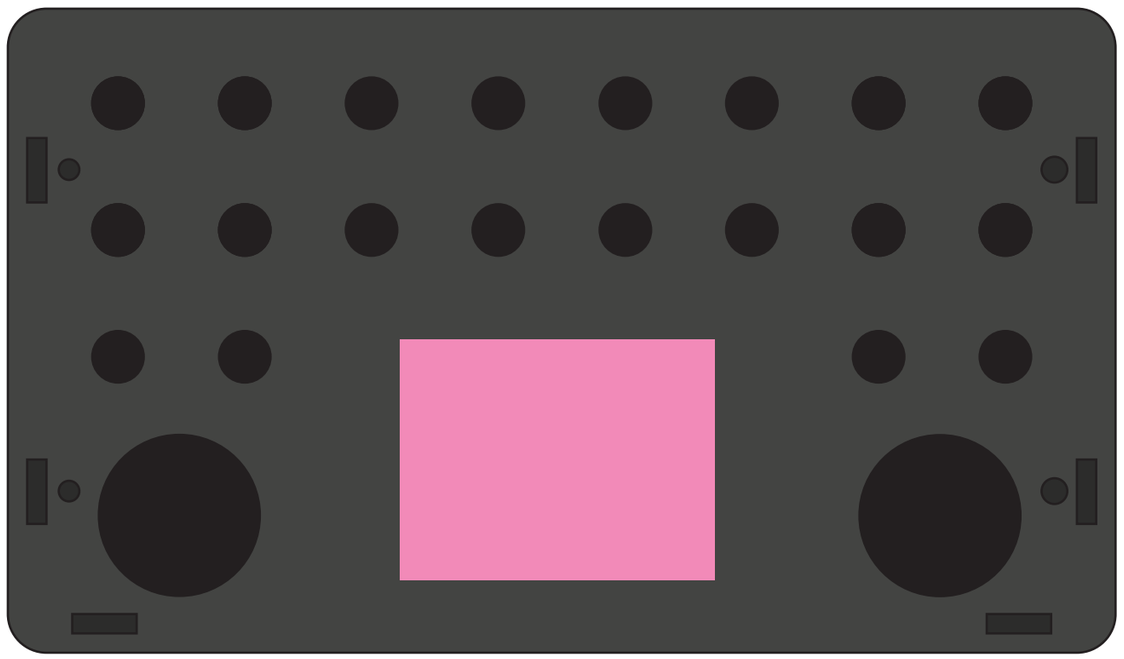


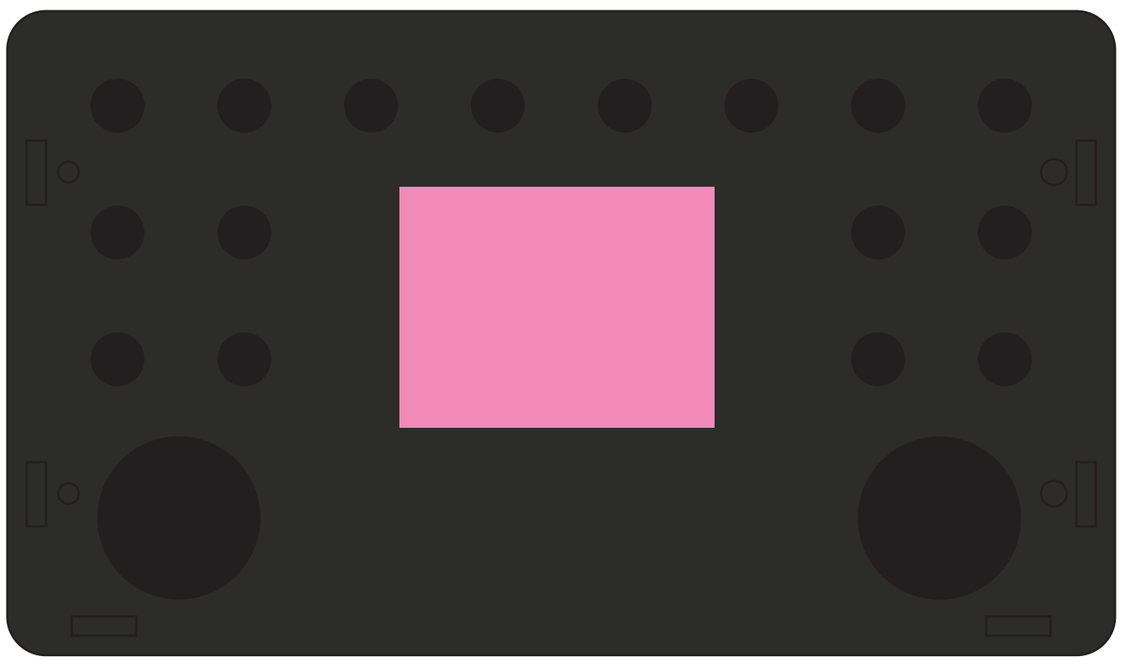


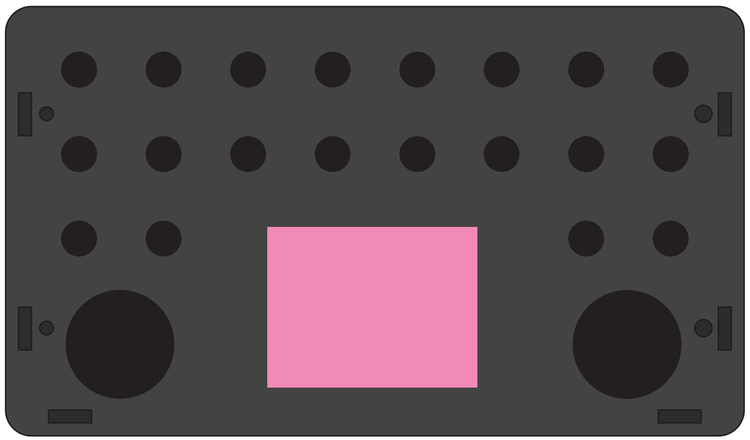


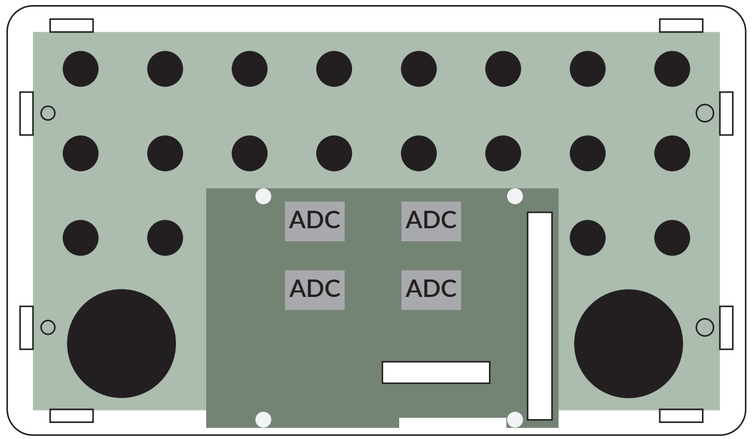


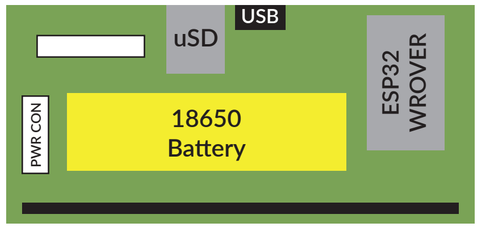




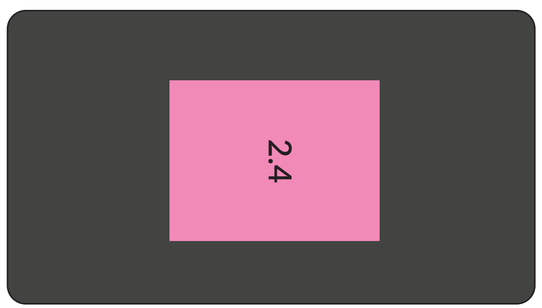


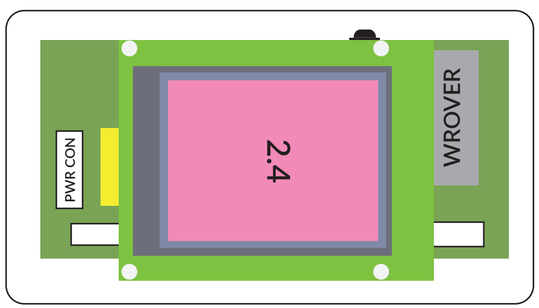






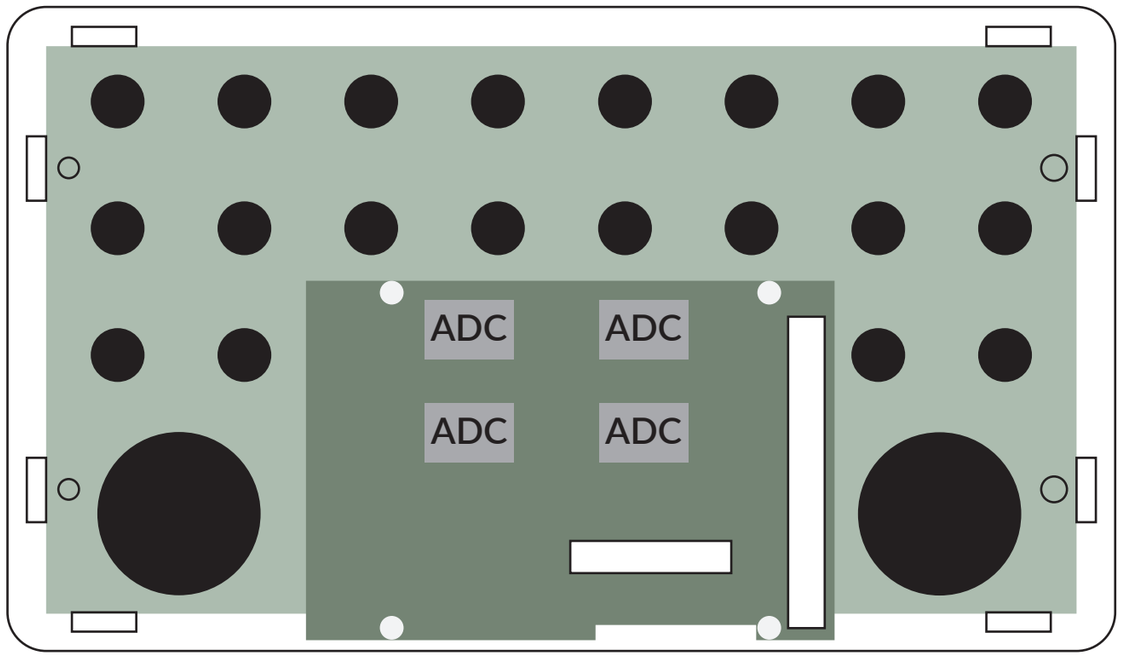
Believotron 5000



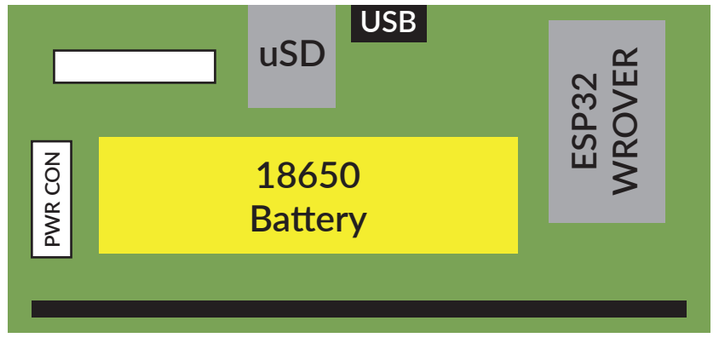


ESP32
2.8” Touchscreen
Dev-0

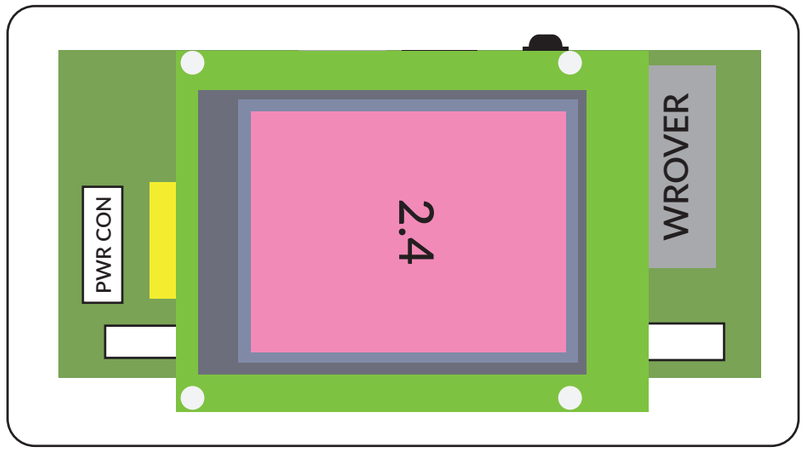
Believotron “5000” Alpha-0



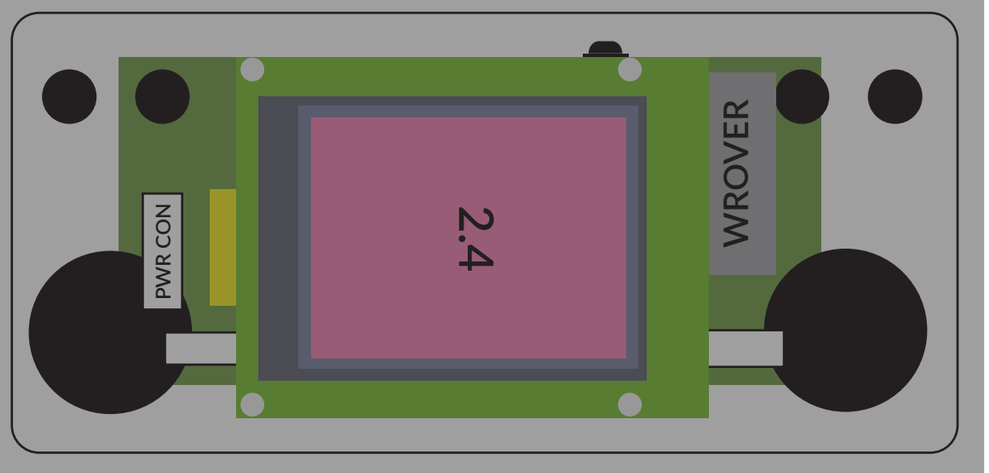
Smartbrain A0

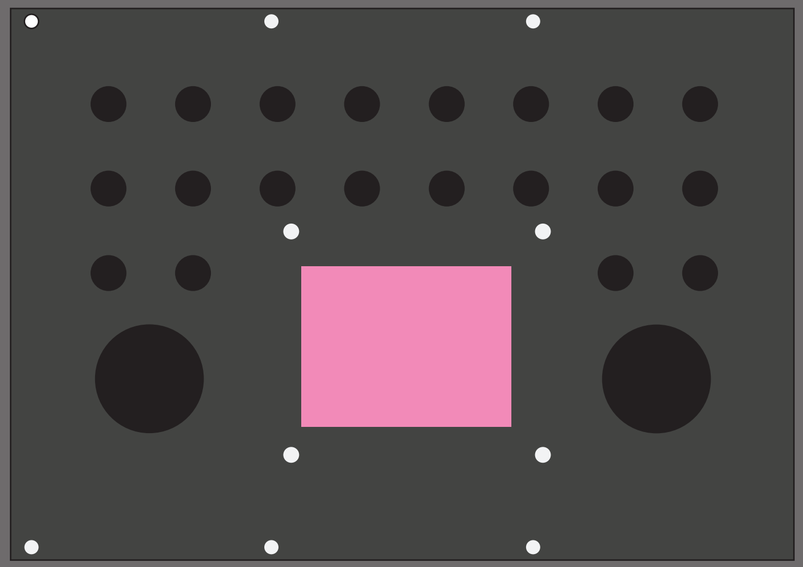


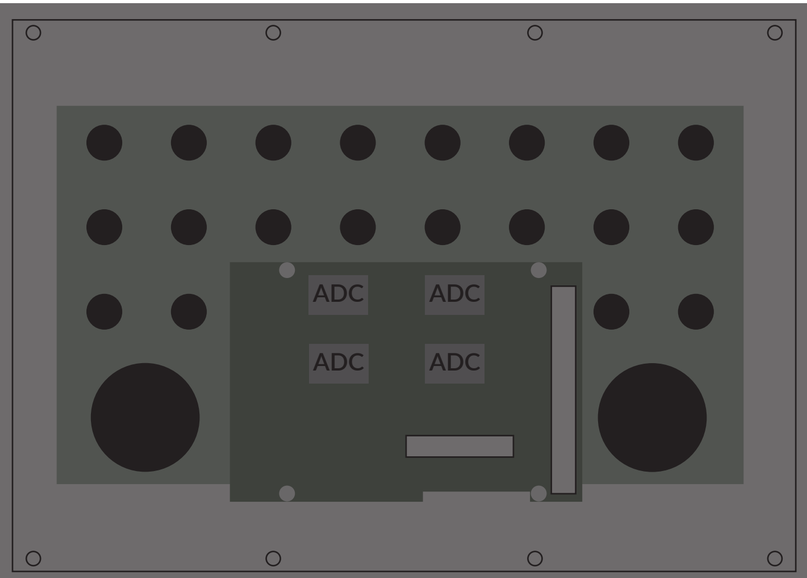
ESP32
2.4” Touchscreen
Dev-0



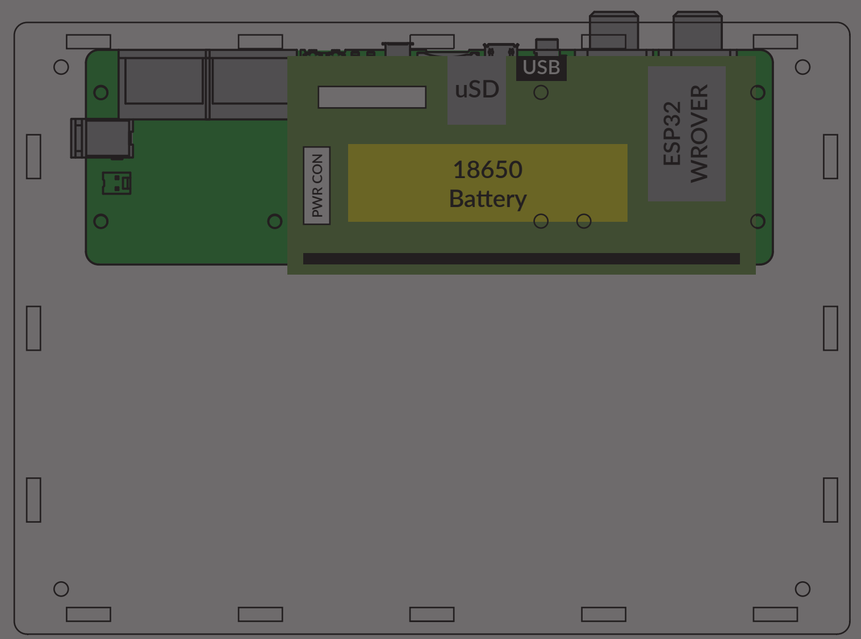
ESP32
2.4” Touchscreen
Dev-0

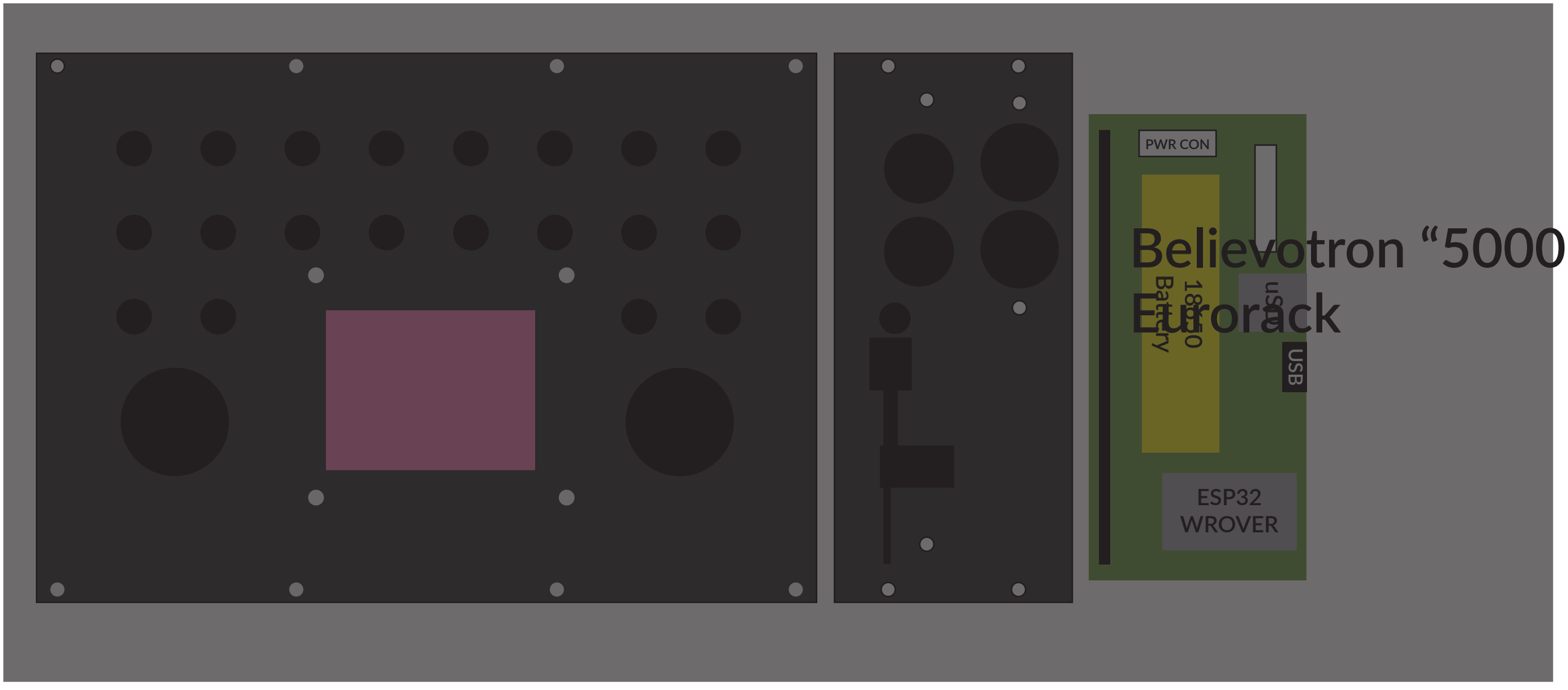




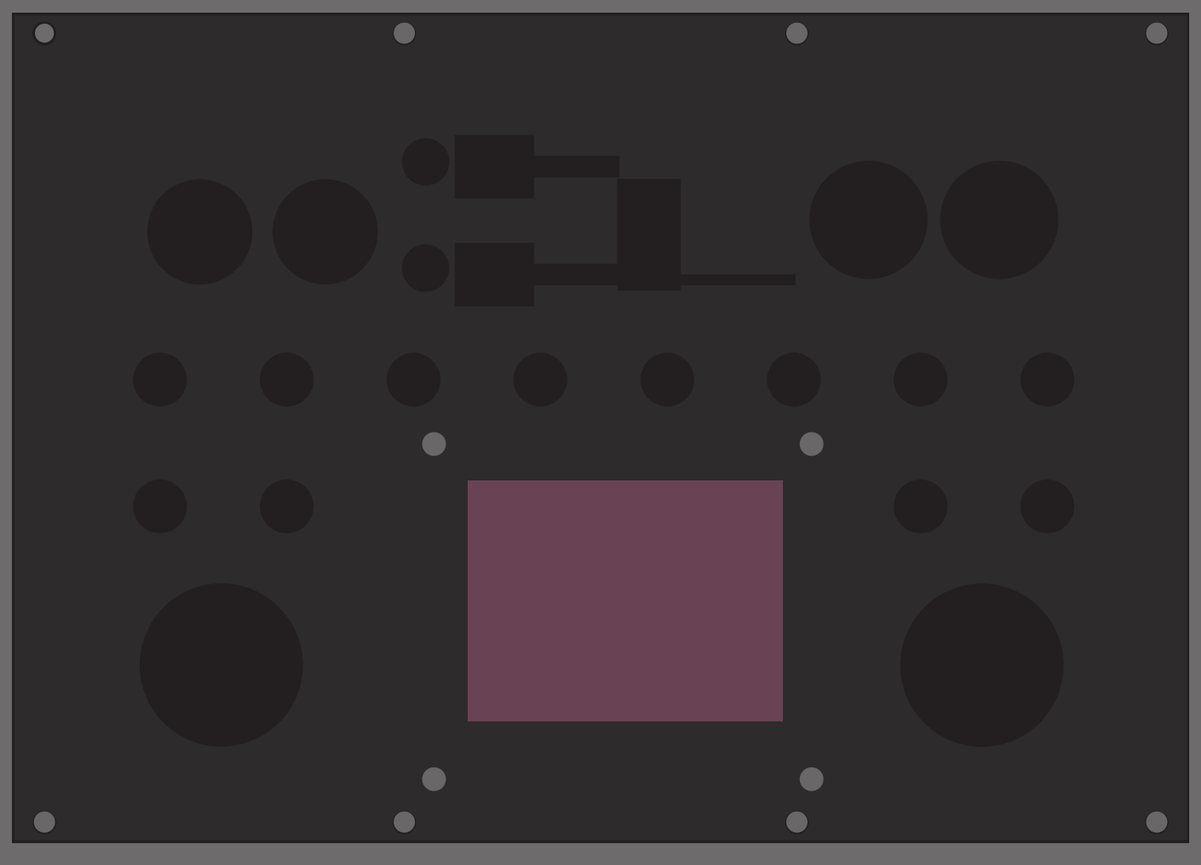


Believotron “5000” Alpha-0
Eurorack

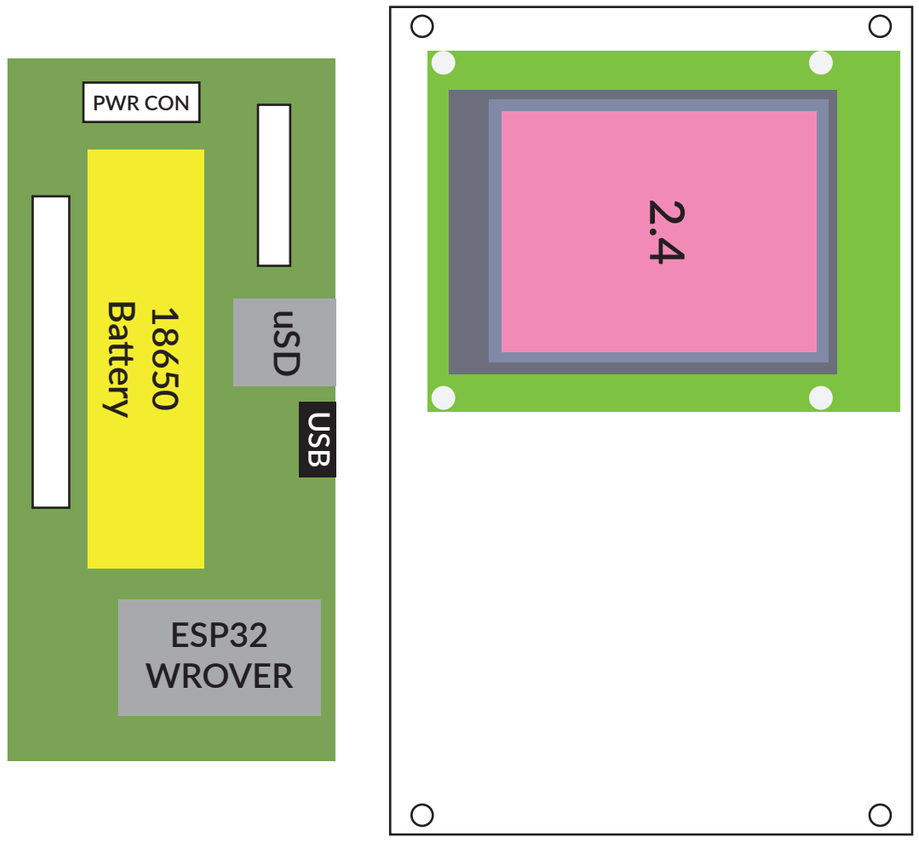




Believotron “5000” Alp
Eurorack

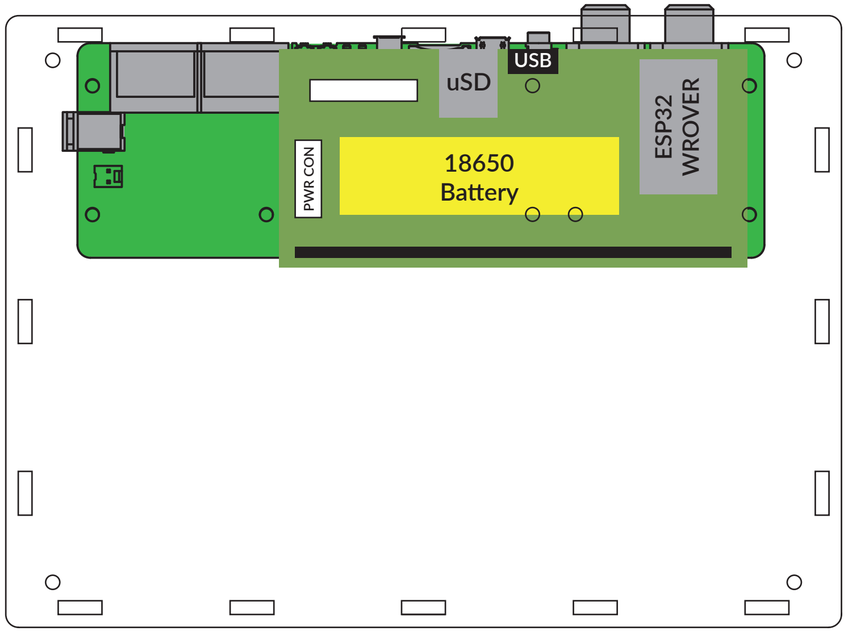


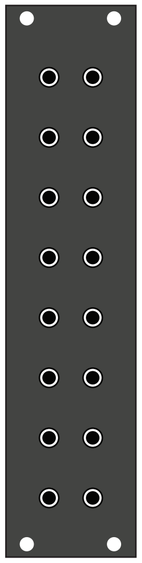
Believotron “5000” Alpha-0
Single Unit



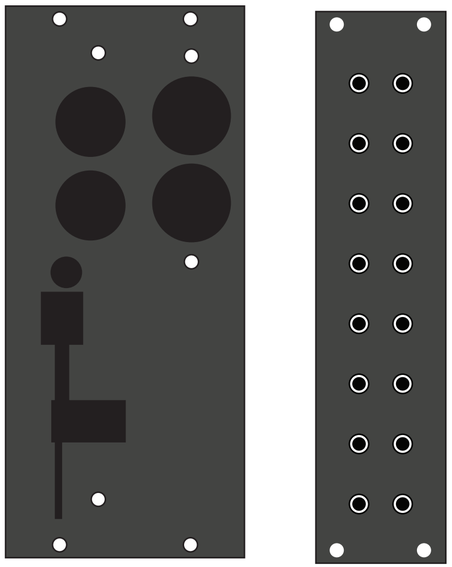
I’m not really sure
what would be good here

Believotron Eurorack Workshop





Add Controls And Displays



Add Controls And Displays

Add Keytar / desktop modular