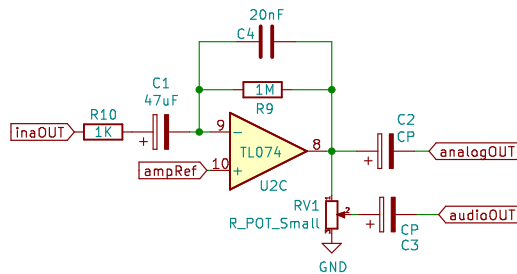
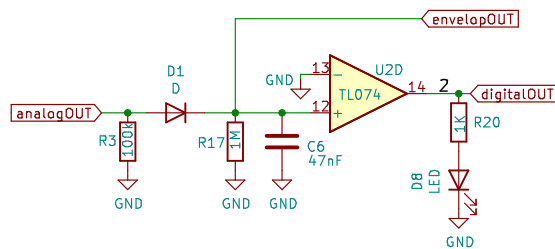


Instrumentation Amp (INA)

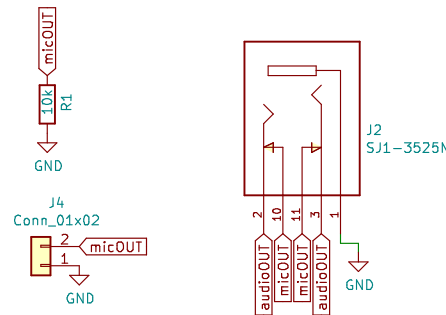


BioAmp Input & Servo

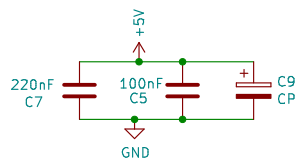
Bandpass Filter



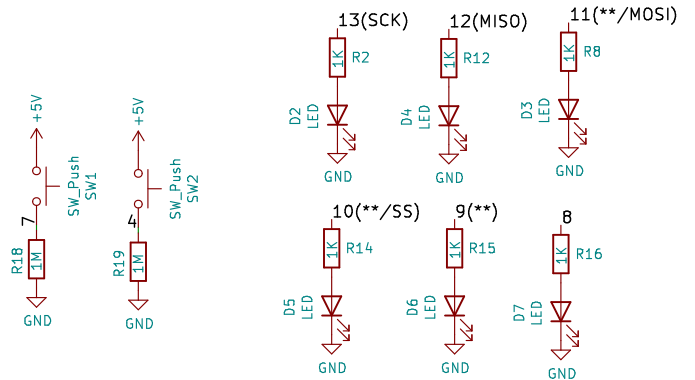
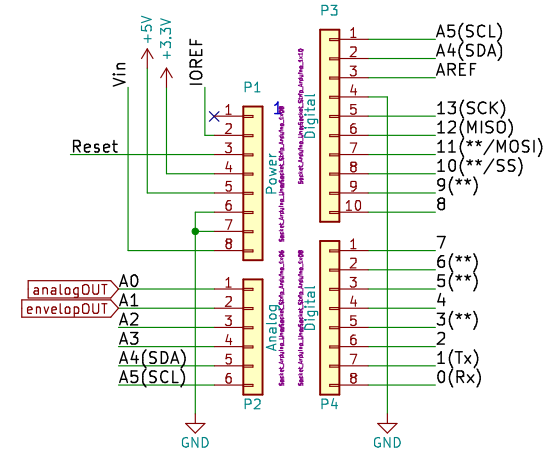
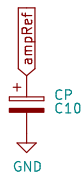
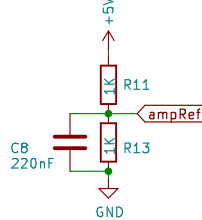
Comparator (BeatDetector)



Audio Output



Power supply filtering



ElectroMyoGraphy (EMG) sesor shield
Servo control & LED Bar graph
Quad OpAmp BioAmp design
BandPass: 72 - 720Hz, Gain: x2420
Upside Down Labs

Sheet: /
File: BioAmpShield.kicad_sch

Title: Muscle BioAmp Shield

Size: A4 Date: 2022-12-26

KiCad E.D.A. eeschema 6.0.9-1.fc36



contact@upside-downlabs.tech

Rev: v0.1

Id: 1/1