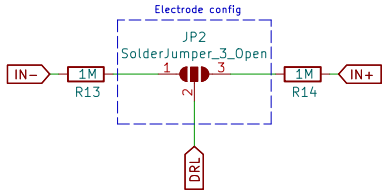


Removes high freqency noise.

U2
LOGO_UDLABS
Upside Down Labs LOGO

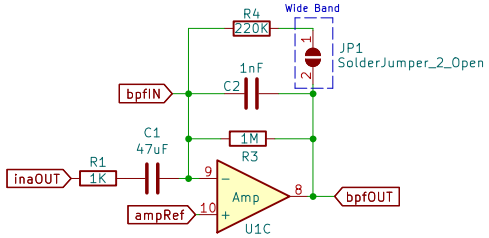
11x Gain Instrumentation Amp (INA)

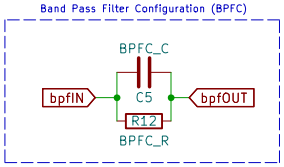


Bridge all three pads of the solder jumper (JP2) to configure
for 2 Electrode operations instead of the 3 electrodes
Note: 2 electrodes will give noisier output than 3 electrodes!

Electrode reference

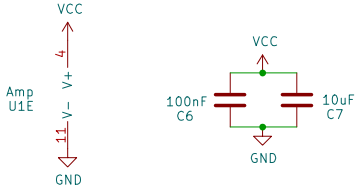
Create solder joint on JP1 to increase the Band Pass freqnecny range
Default: Narrow input frequency band, use when recording EEG, EOG
Configured: Wide input frequency band, use for ECG, EMG, and EOG



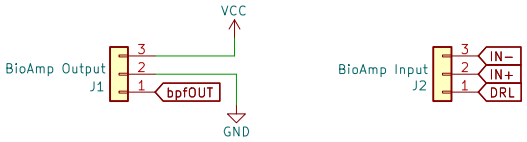


C5 (BPFC_C) & R12 (BPFC_R) on the back side of the PCB
can be used to configure the bandpass filter. Use them to
configure output Gain (decrease) & Band (frequency range).

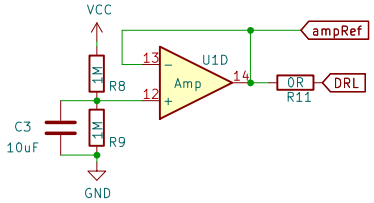
1000x Gain Bandpass Filter



Power supply filtering



Header pins / Connectors



Amp Ref + Driven Right Leg (DRL)

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contact@upsidedownlabs.tech