

AnyShake Project

Sheet: /MCU Controller/
File: mcu.kicad_sch

Title: AnyShake Explorer

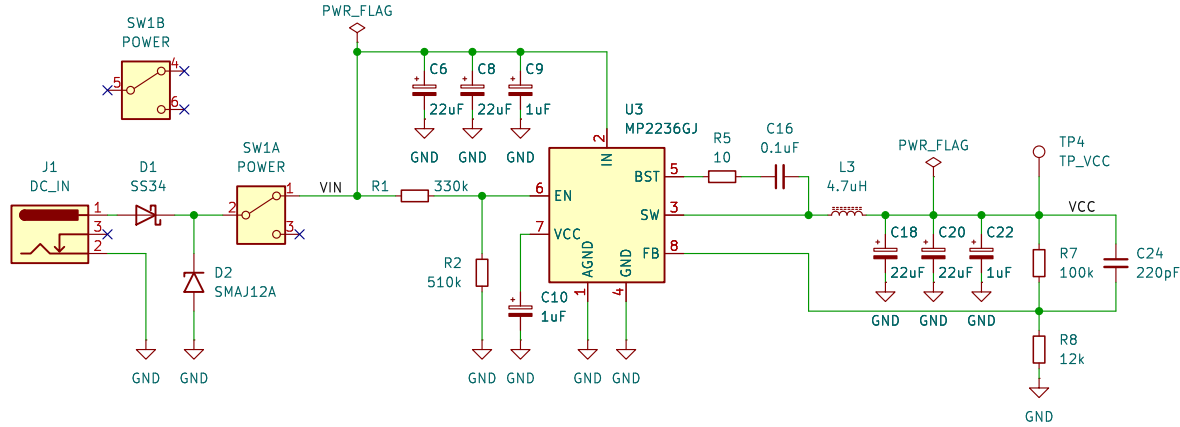
Size: A4 Date: 2025-01-06

KiCad E.D.A. 9.0.3

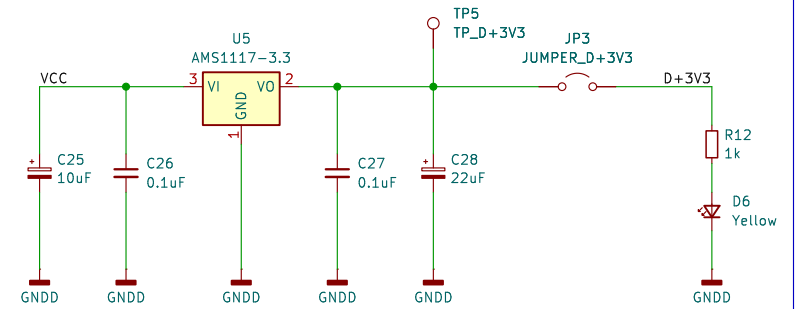
Rev: 20250106

Id: 3/4

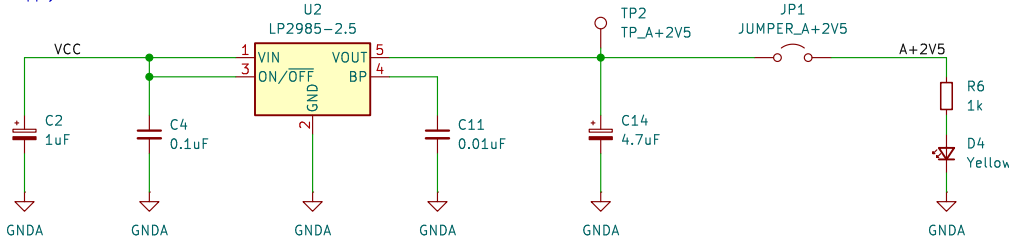
12V DC Power In



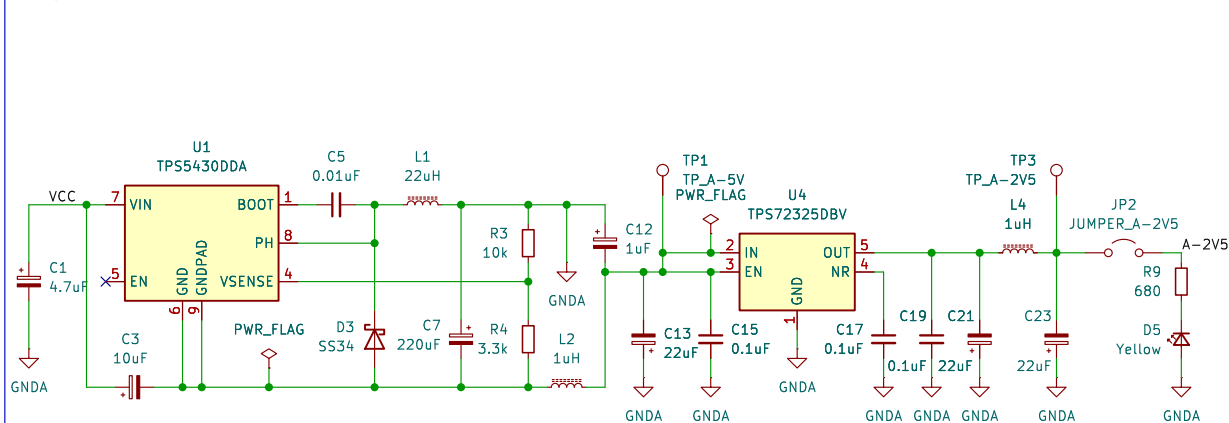
Digital Power Supply +3.3V



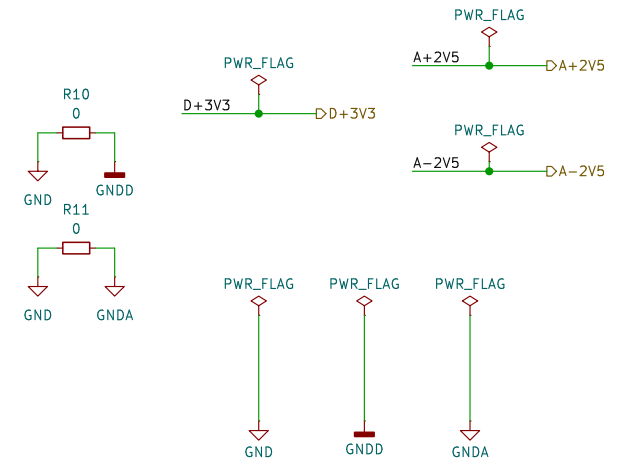
Analog Power Supply +2.5V



Analog Power Supply -2.5V



Exports and Flags



AnyShake Project

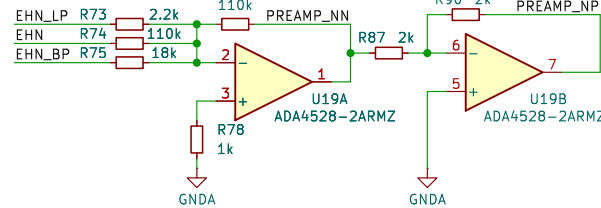
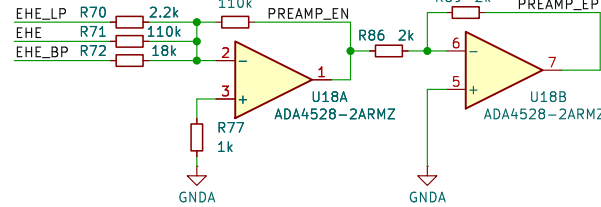
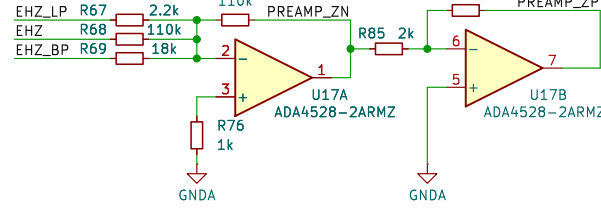
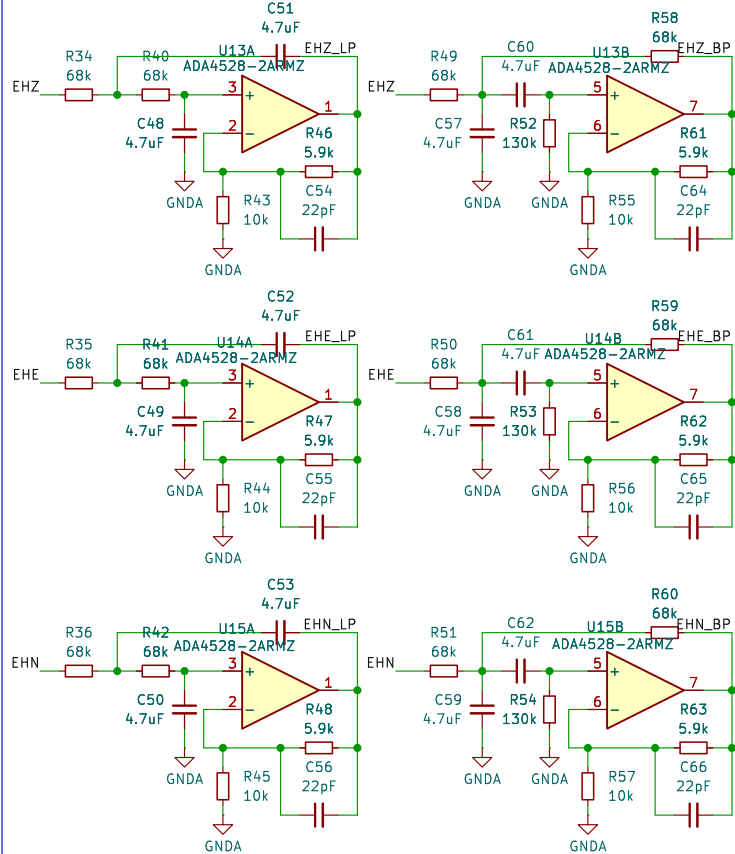
Sheet: /Power Supply/
File: power.kicad_sch

Title: AnyShake Explorer

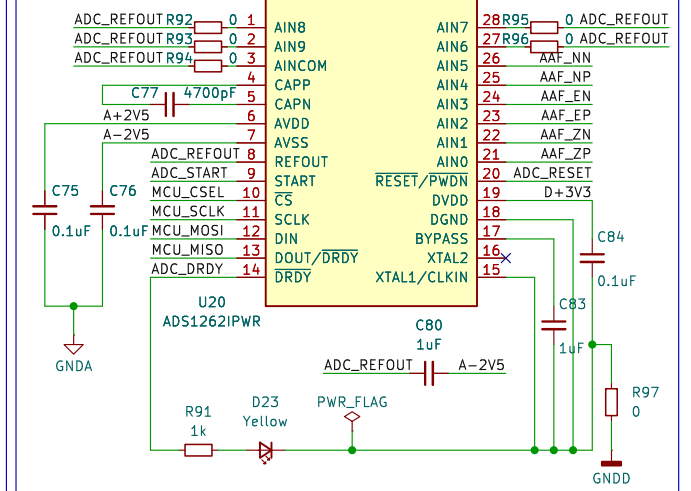
Size: A4 Date: 2025-01-06
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Id: 2/4

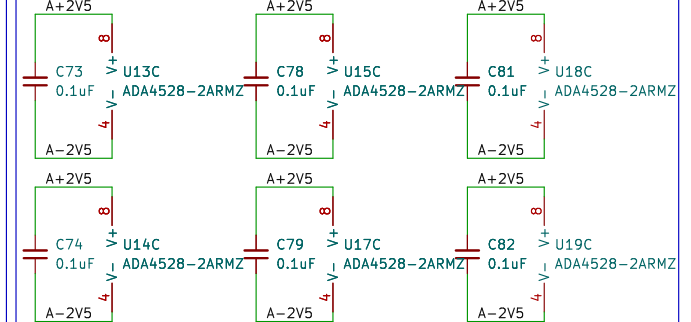
Compensation Network ($F_c = 0.5 \text{ Hz}$)



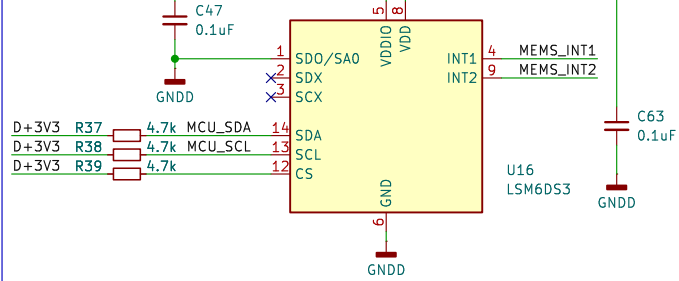
ADC Sampling Input



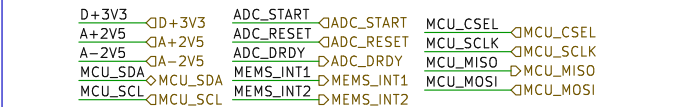
Compensation Network Power Supply



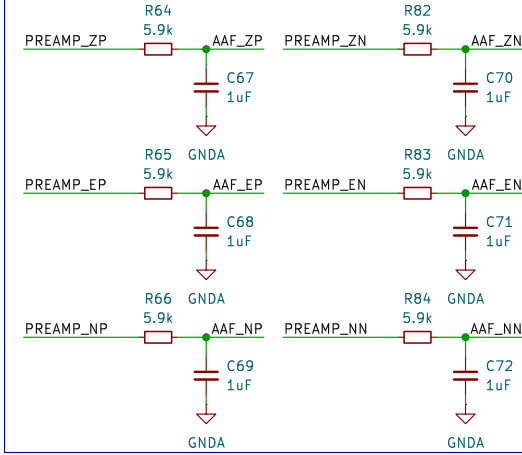
Built-in Accelerometer



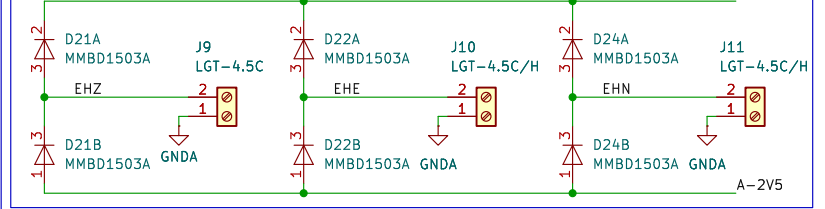
Exports



Anti-aliasing Filter ($F_c = 27 \text{ Hz}$)



Geophone Inputs



AnyShake Project

Sheet: /Sensors/
File: sensors.kicad_sch

Title: AnyShake Explorer

Size: A4 Date: 2025-03-27

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Rev: 20250327

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