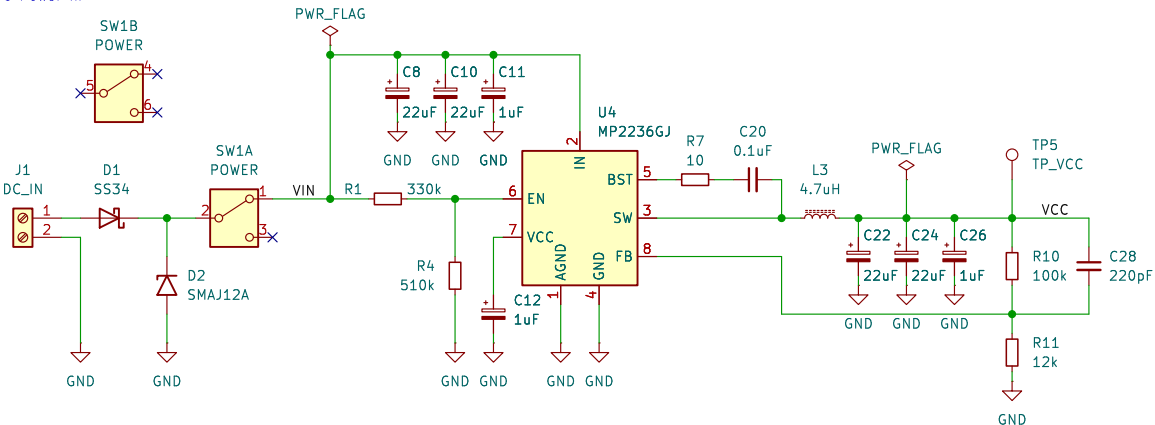
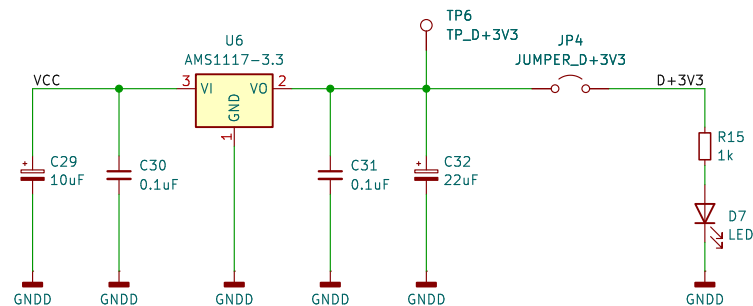




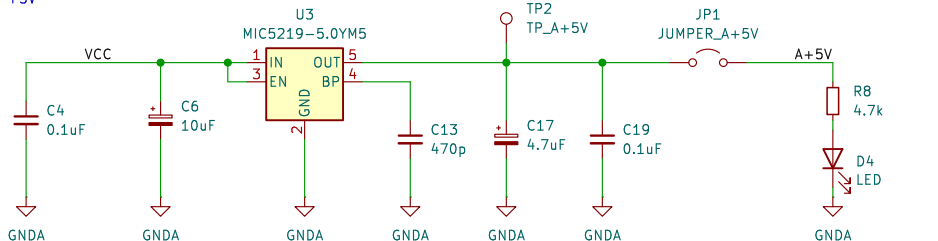
12V DC Power In



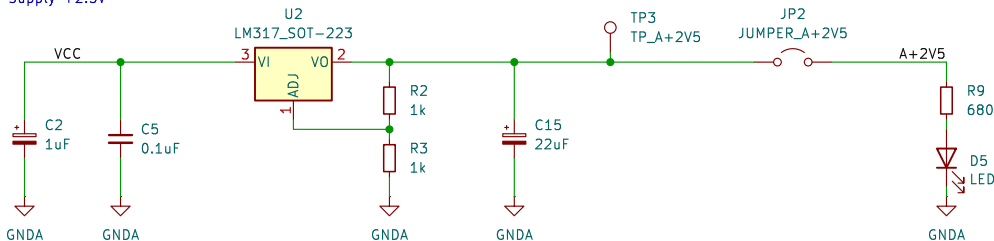
Digital Power Supply +3.3V



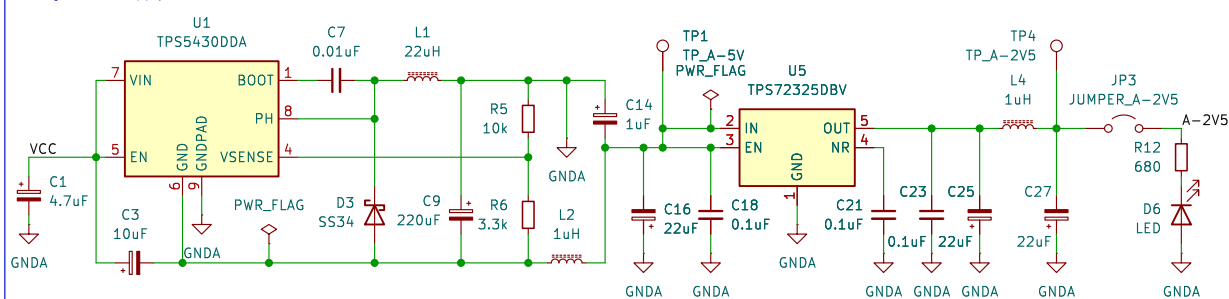
Analog Power Supply +5V



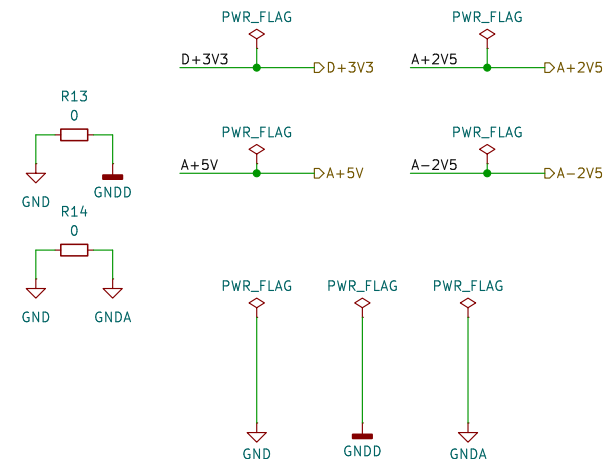
Analog Power Supply +2.5V



Analog Power Supply -2.5V



Exports and Flags



AnyShake Project

Sheet: /Power Supply/
File: power.kicad_sch

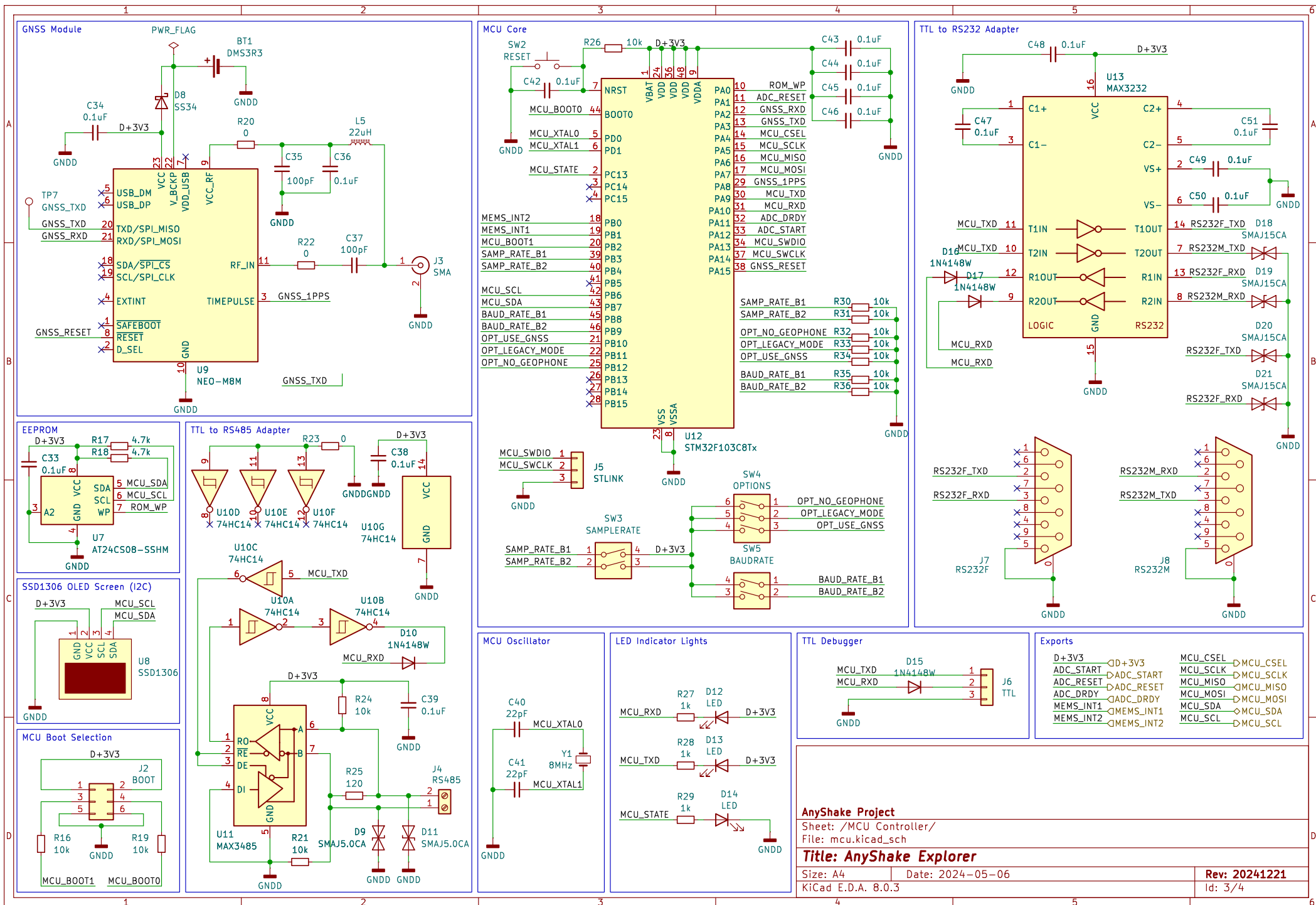
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Size: A4 Date: 2024-05-06

KiCad E.D.A. 8.0.3

Rev: 20241221

Id: 2/4



AnyShake Project

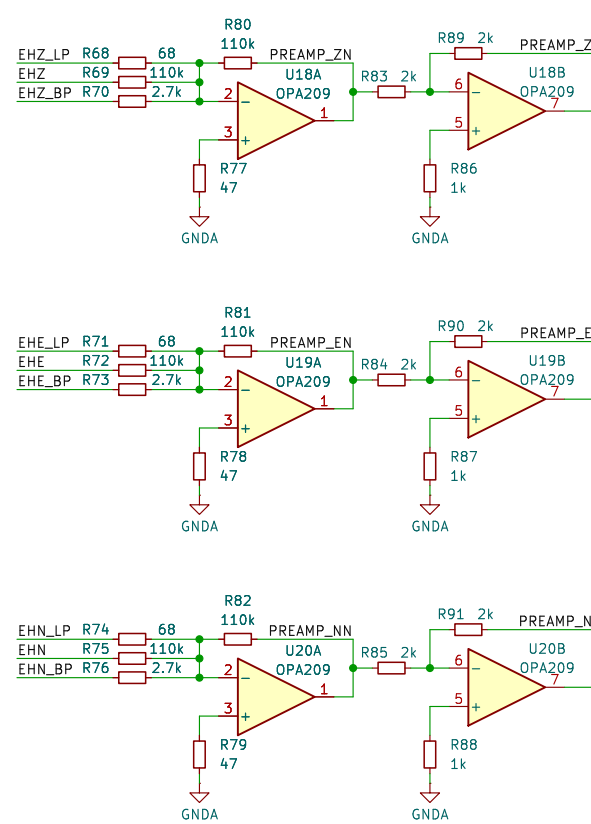
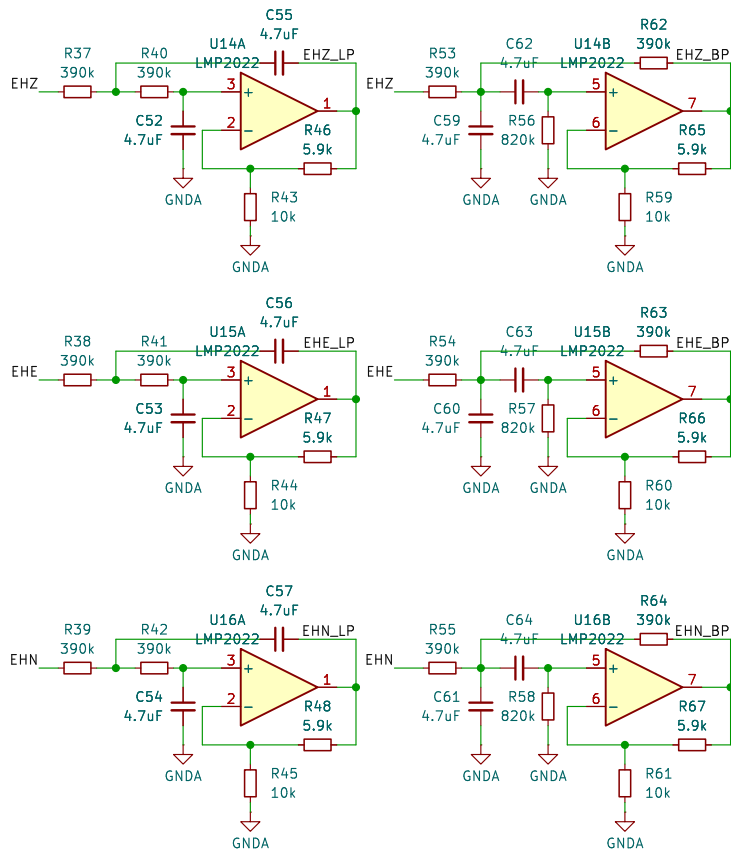
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File: mcu.kicad_sch

Title: AnyShake Explorer

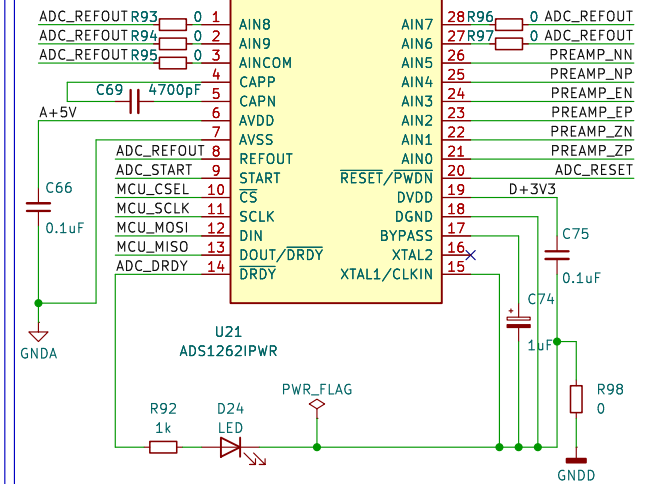
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KiCad E.D.A. 8.0.3

Rev: 20241221
Id: 3/4

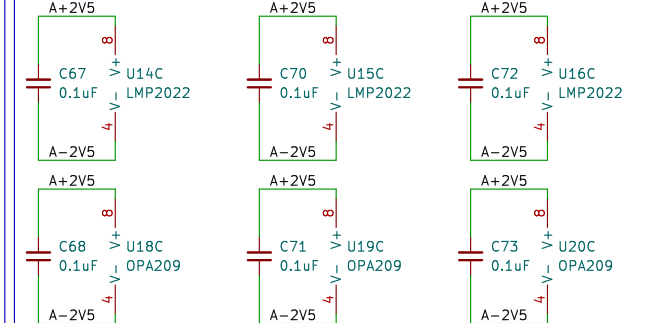
Compensation Network



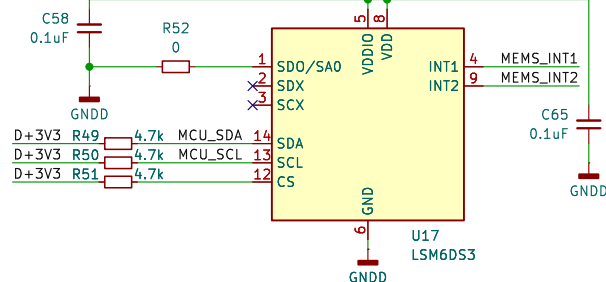
ADC Sampling Input



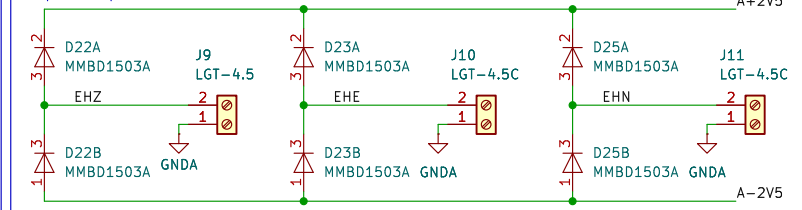
Compensation Network Power Supply



Built-in Accelerometer



Geophone Inputs



Exports

D+3V3	↔	D+3V3	ADC_START	↔	ADC_START	MEMS_INT1	↔	MEMS_INT1	MCU_CSEL	↔	MCU_CSEL
A+5V	↔	A+5V	ADC_RESET	↔	ADC_RESET	MEMS_INT2	↔	MEMS_INT2	MCU_SCLK	↔	MCU_SCLK
A+2V5	↔	A+2V5	ADC_DRDY	↔	ADC_DRDY				MCU_MISO	↔	MCU_MISO
A-2V5	↔	A-2V5							MCU_MOSI	↔	MCU_MOSI

AnyShake Project

Sheet: /Sensors/
File: sensors.kicad_sch

Title: AnyShake Explorer

Size: A4 Date: 2024-05-06
KiCad E.D.A. 8.0.3

Rev: 20241221
Id: 4/4