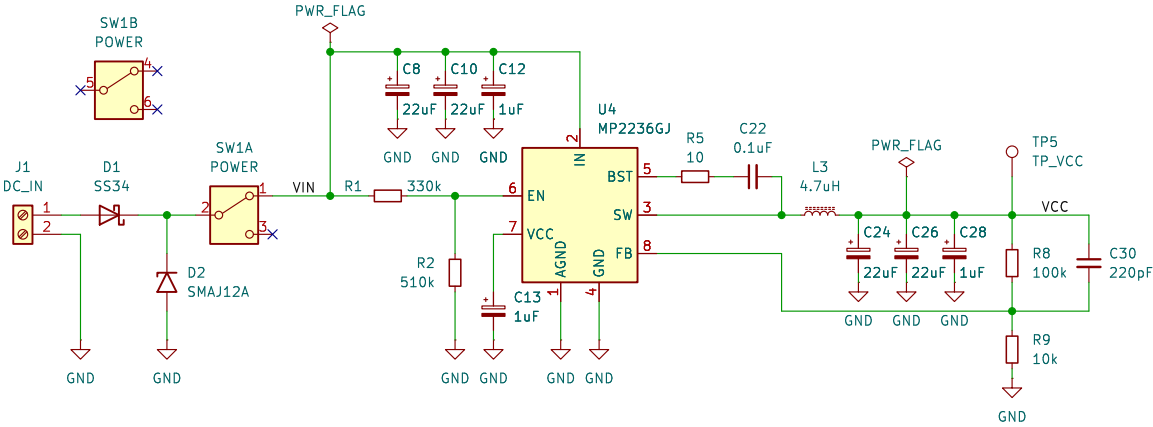
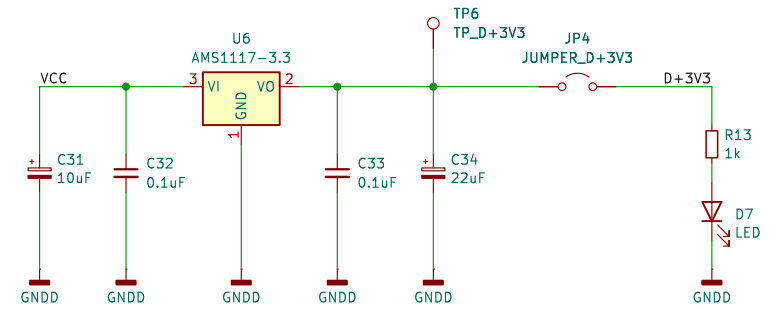




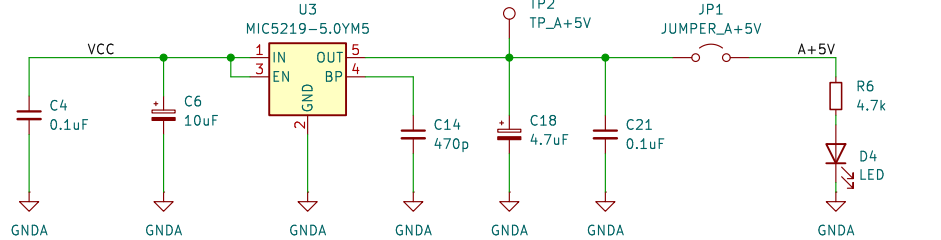
12V DC Power In



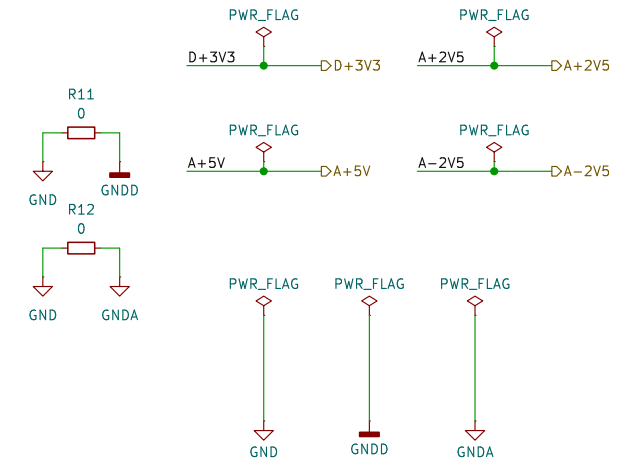
Digital Power Supply +3.3V



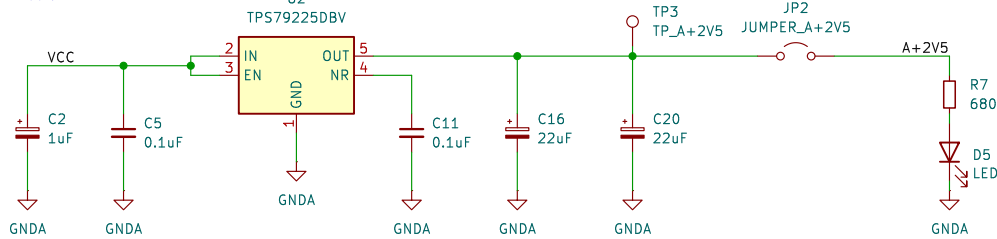
Analog Power Supply +5V



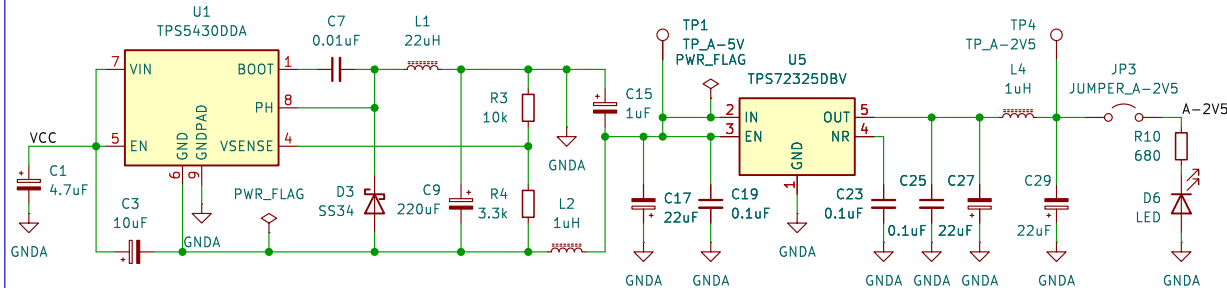
Exports and Flags



Analog Power Supply +2.5V



Analog Power Supply -2.5V



AnyShake Project

Sheet: /Power Supply/
File: power.kicad_sch

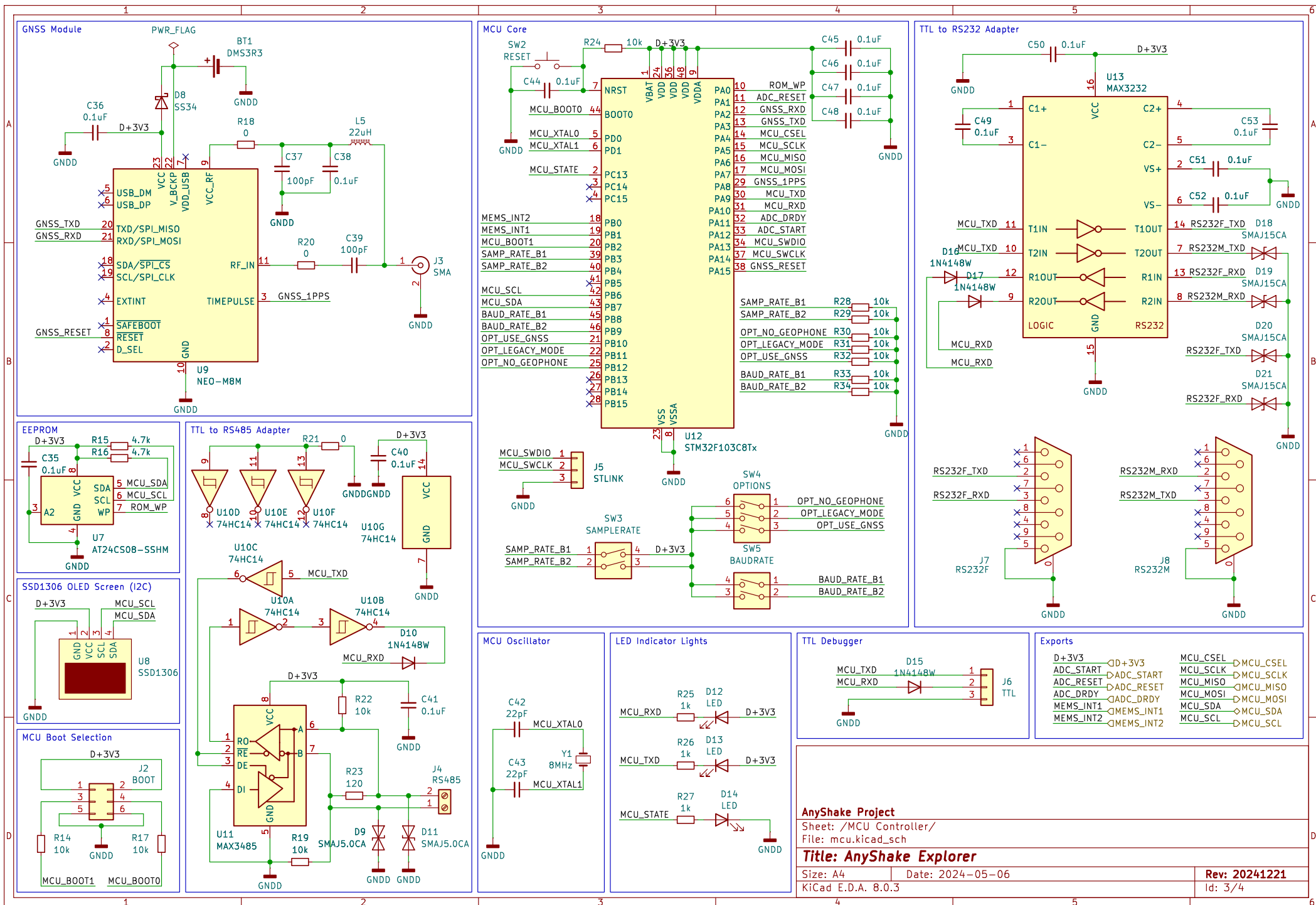
Title: AnyShake Explorer

Size: A4 Date: 2024-05-06

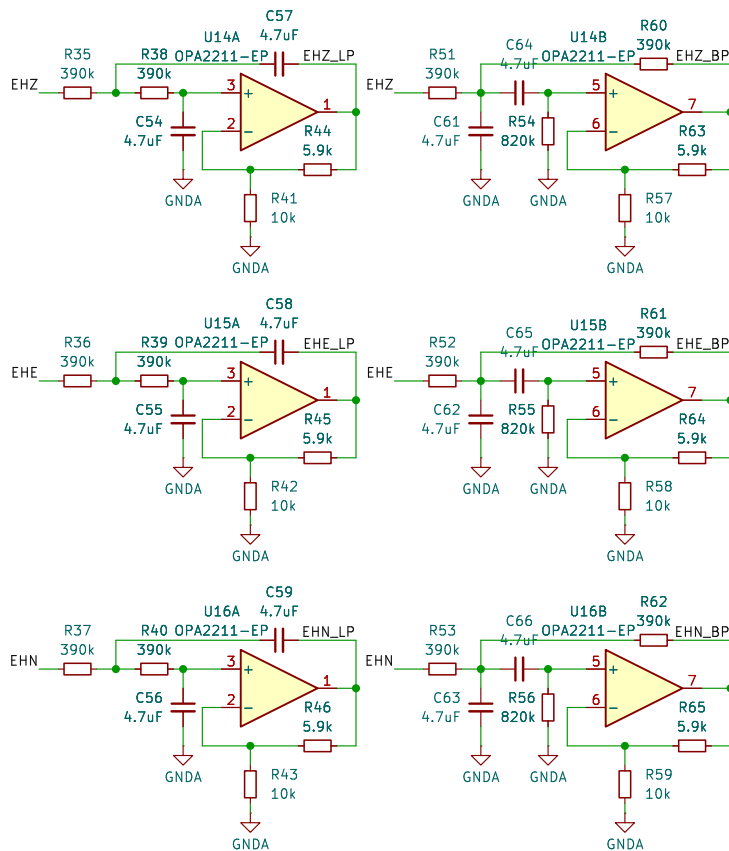
KiCad E.D.A. 8.0.3

Rev: 20241221

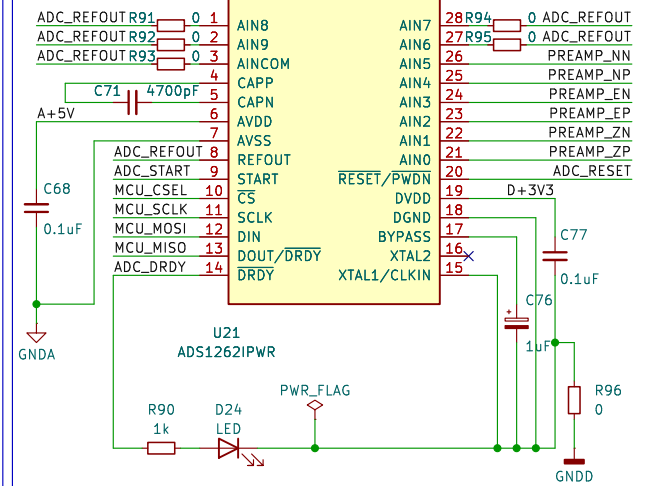
Id: 2/4



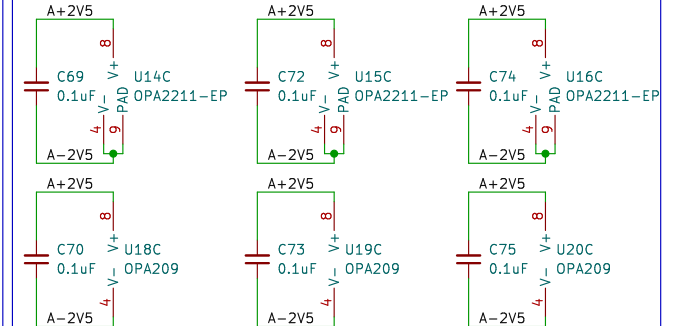
Compensation Network



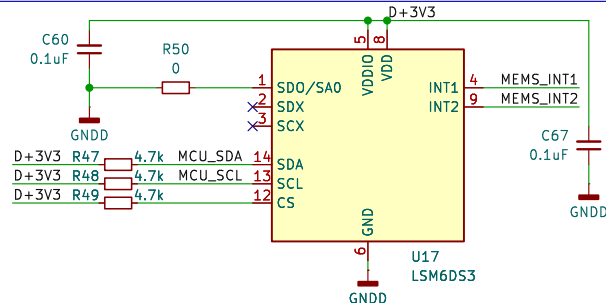
ADC Sampling Input



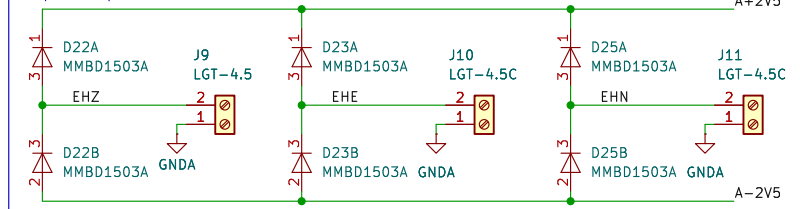
Compensation Network Power Supply



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