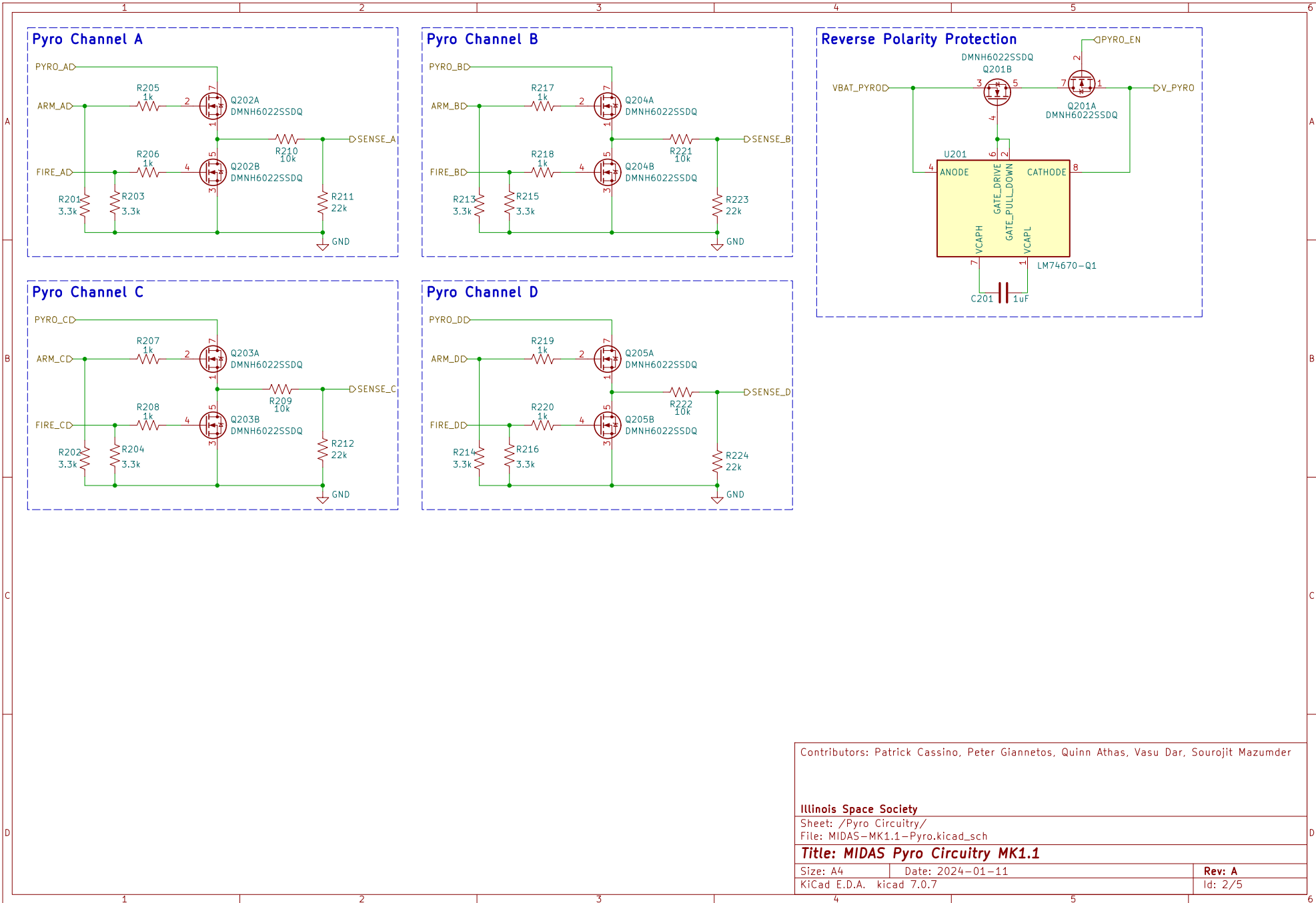
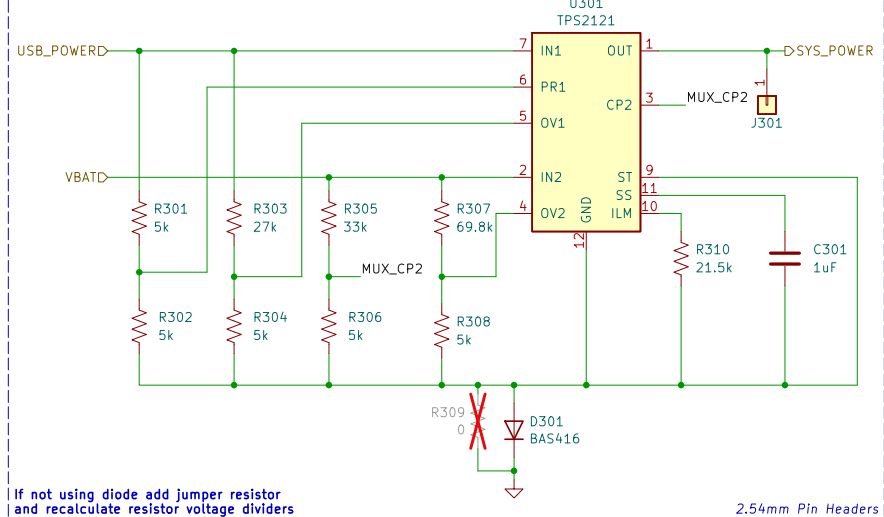
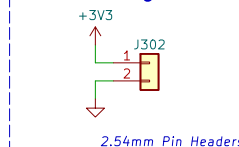


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Title: MIDAS MK1.1		
Size: A3	Date: 2024-01-11	Rev: A
KiCad E.D.A.	kicad 7.0.7	Id: 1/5





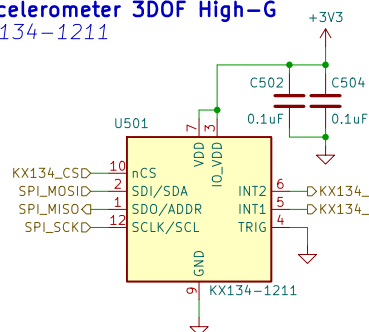
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Title: MIDAS Power Circuitry MK1.1

Rev: A  
Id: 3/5

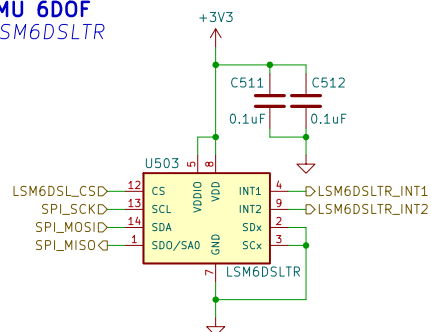


### Accelerometer 3DOF High-G KX134-1211



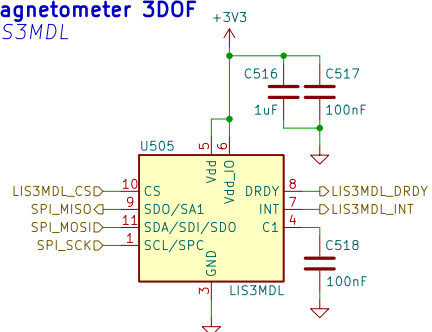
239µA Max Consumption

### IMU 6DOF LSM6DSLTR



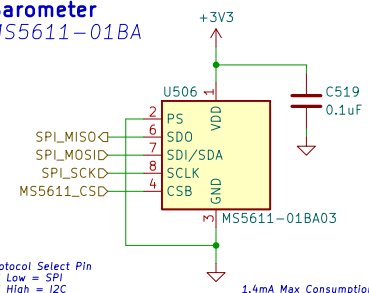
0.65mA Max Consumption

### Magnetometer 3DOF LIS3MDL



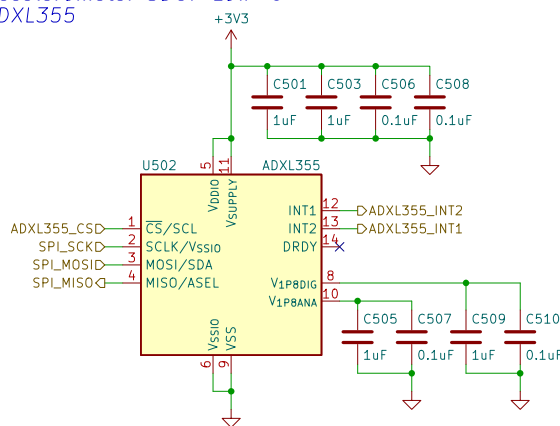
270µA Max Consumption

### Barometer MS5611-01BA



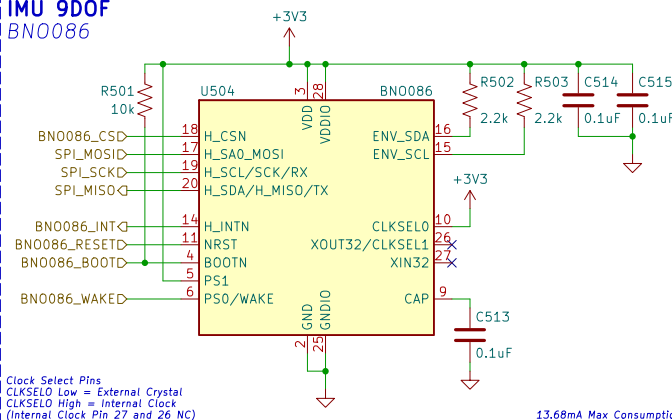
Protocol Select Pin  
PS Low = SPI  
PS High = I2C  
1.4mA Max Consumption

### Accelerometer 3DOF Low-G ADXL355



200µA Max Consumption

### IMU 9DOF BN0086



Clock Select Pins  
CLKSEL0 Low = External Crystal  
CLKSEL0 High = Internal Clock  
(Internal Clock Pin 27 and 26 NC)  
13.68mA Max Consumption

Contributors: Peter Giannetos, Quinn Athas

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Sheet: /Sensors/  
File: MIDAS-MK1.1-Sensors.kicad\_sch

Title: MIDAS Sensors MK1.1

Size: A4 Date: 2024-01-11  
KiCad E.D.A. kicad 7.0.7

Rev: A  
Id: 5/5