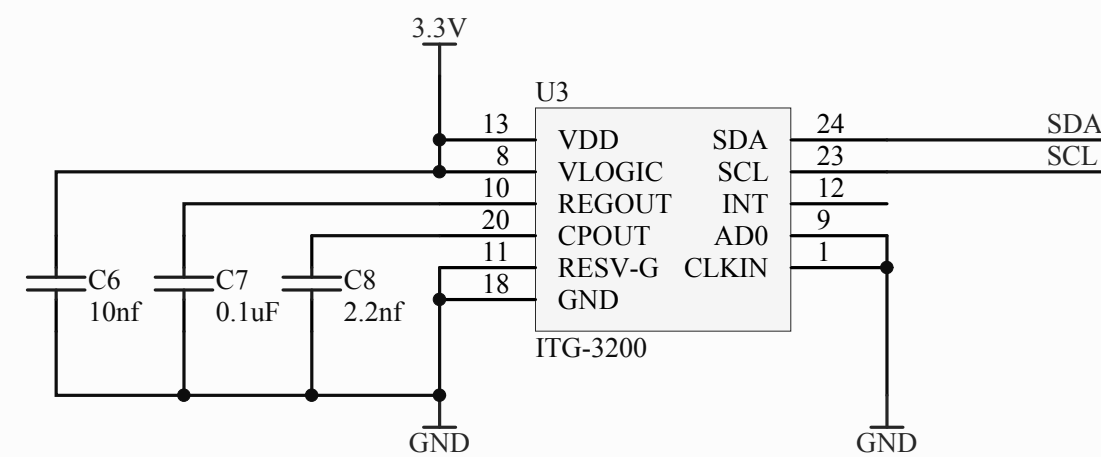


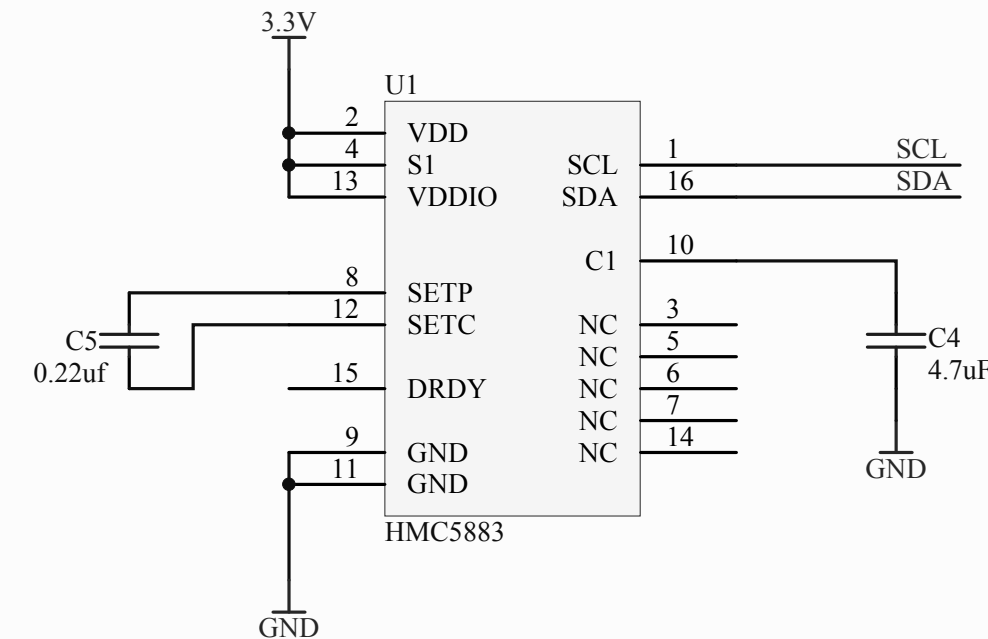
Accelerometer

I2C address: 0x53 (write:0xA6 read:0xA7)



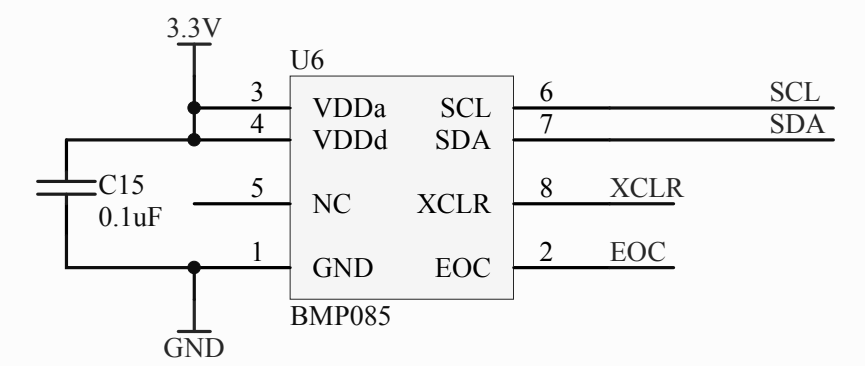
Gyroscope

I2C address: 0x68 (write:0xD0 read:0xD1)



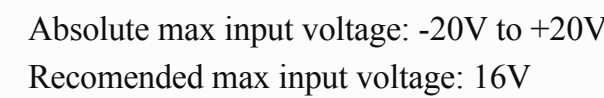
Magnetometer

I2C address: 0x1E (write:0x3C read:0x3D)

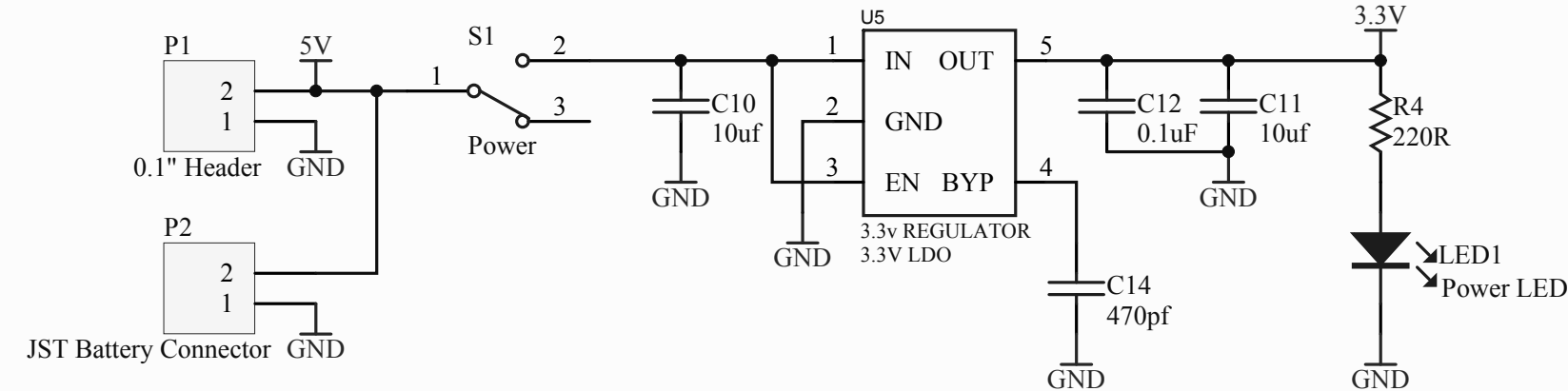


Barometric Pressure / Temperature Sensor

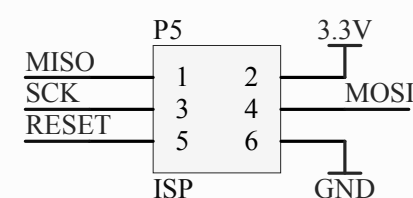
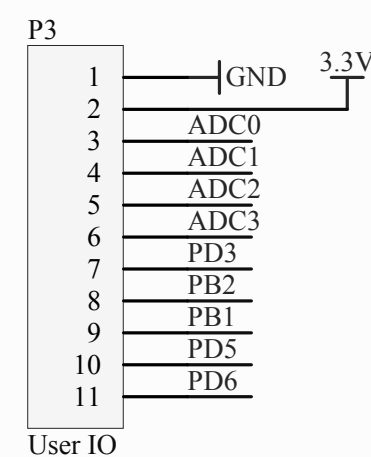
I2C address: 0x34 (write:0x68 read:0x69)



Max output current: 150mA



Pin#	Pin Name	Alternate Function
3	PC0	ADC0
4	PC1	ADC1
5	PC2	ADC2
6	PC3	ADC3
7	PD3	INT1
8	PB2	PWM
9	PB1	PWM
10	PD5	PWM
11	PD6	PWM



If the onboard regulator (U5) is not used, an external 3.3V source can be used to power the IMU through one of the 3.3V pins on the connectors P3, P4, or P5

