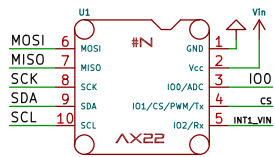
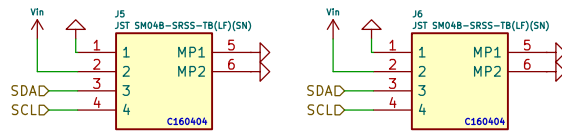


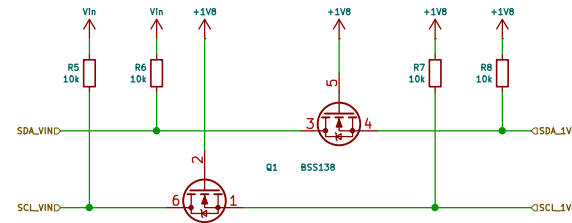
AX22



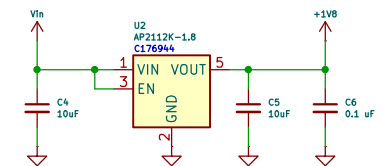
STEMMAQT



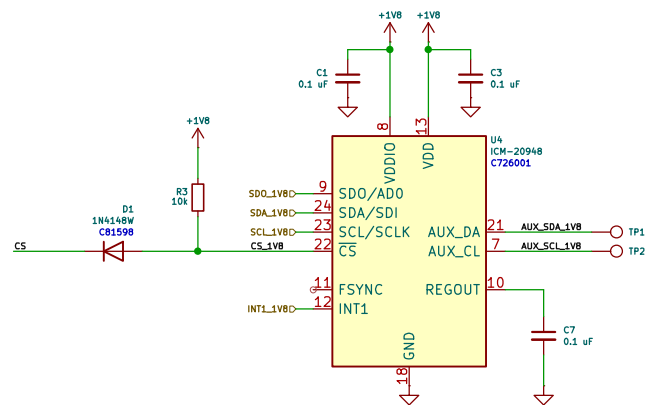
TTL



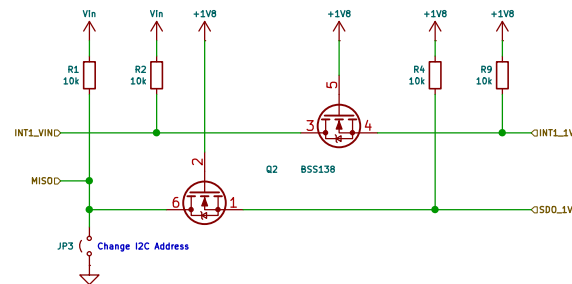
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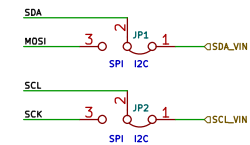
ICM-20948



TTL



AX22 - I2C OR SPI



The ICM-20948 can operate in either I2C or SPI mode. For breadboard or general applications, no hardware modification is required you can simply connect the appropriate pins for the desired interface.

On this AX22 module, the default communication mode is I2C to the MCJ. If you wish to use SPI instead, you can switch the mode by cutting the I2C jumper and shorting the SPI pads.

This routes the SDA and SCL lines to the SPI pins on the AX22 port.



Axiometa

Sheet: /

File: AX22_Accelerometer-ICM20948.kicad_sch

Title: AX22-0052 - Accelerometer - ICM20948

Size: A4

Date: 2025-10-07

Rev: 1

KiCad E.D.A. 9.0.2

Id: 1/1