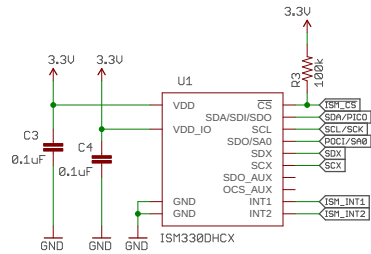


Accelerometer - ISM330DHCX

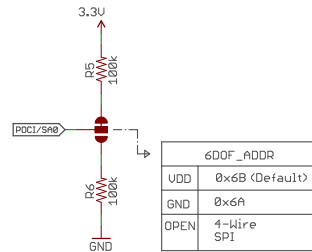
VDD Range: 1.71V - 3.6V
VDDIO Range: 1.62V - 3.6V

I2C Address (selectable): 0x6B (Default)



ISM330DHCX MODES
MODE1: Peripheral-only mode
I2C or SPI
MODE2: Sensor Hub mode
I2C or SPI with controller I2C port

Accelerometer Address Selection and Sensor Hub Jumpers



Magnetometer address unaffected, no alternate address available.

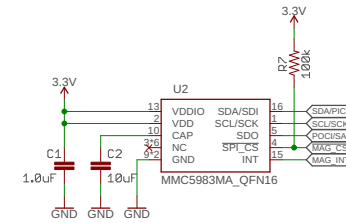


If using Mode 2 (Sensor Hub Mode), cut both traces.

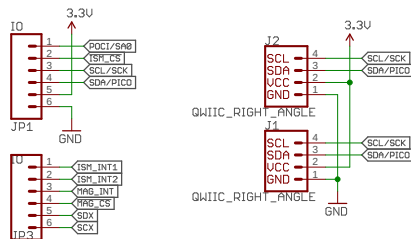
Magnetometer - MMC5983MA

VDD Range: 2.8V - 3.6V
VDDIO Range: 2.8V - 3.6V

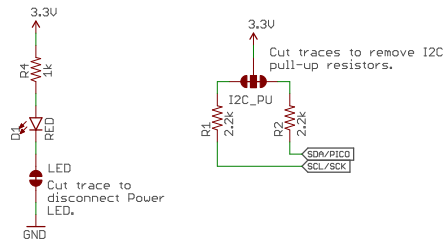
I2C address: 0x30



Connectors



I2C and LED Jumpers



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TITLE: SparkFun_9DoF_ISM330DHCX-MMC5983MA

Design by: Elias Santistevan REV: v10

Date: 7/19/2022 2:45 PM Sheet: 1/1