

MLX90393 Breakout

MODES:

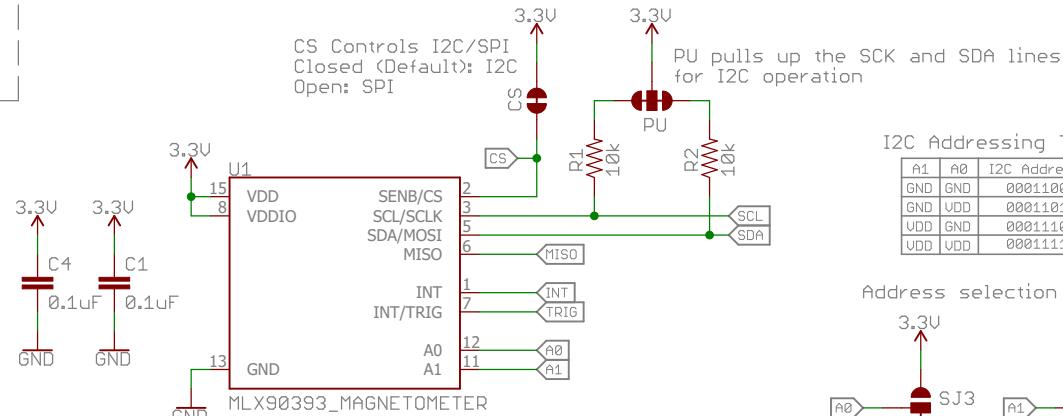
I2C:

Leave the copper-connected jumpers SJ1 and SJ2 as default.
SJ1 is the LSB of the address.

SPI 4-WIRE:

Jumpers SJ2 can be opened to remove pull-ups on the SPI lines.
SJ1 must be open for SPI operation.

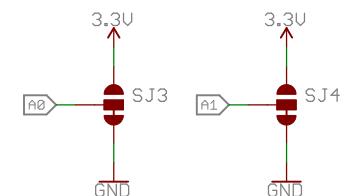
Magnetometer Circuitry



I2C Addressing Table

A1	A0	I2C Address
GND	GND	0001100
GND	VDD	0001101
VDD	GND	0001110
VDD	VDD	0001111

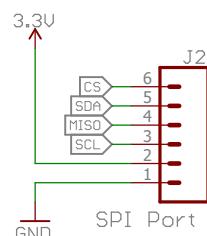
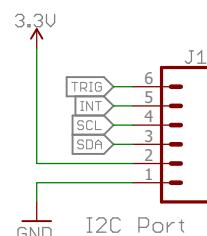
Address selection jumpers



Default 7-bit I2C Addr: 0x0C

User Ports

VCC must be 2.2-3.6V



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TITLE: MLX90393_Magnetometer_Breakout

Design by: Joel Bartlett

REV:
v10

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