

EEPROM1
24CW1280T-L0T

1 I2C1_SCL
2
3 I2C1_SDA

SCL
VSS
SDA

4 VCC
5 NC

+3V3
C19 100nF
GND

I2C Addr.: 0x50

The schematic diagram shows the MAG1 IIS2MDCTR module with the following connections:

- Pin 1 (SCL/SPC):** Connected to the SCL pin of the I2C1_SCL component.
- Pin 2 (NC_1):** No connection.
- Pin 3 (CS):** Connected to the CS pin of the I2C1_SDA component.
- Pin 4 (SDA/SDI/SDO):** Connected to the SDA pin of the I2C1_SDA component.
- Pin 5 (C1):** No connection.
- Pin 6 (GND_1):** Connected to GND through a 220nF capacitor (C22).
- Pin 7 (INT/DRDY):** Connected to the INT_MAG component.
- Pin 8 (GND_2):** No connection.
- Pin 9 (VDD):** Connected to +3V3 through a 100nF capacitor (C23).
- Pin 10 (VDD_I/O):** Connected to +3V3 through a 100nF capacitor (C24) and a 10uF capacitor (C25).
- Pin 11 (NC_2):** No connection.
- Pin 12 (NC_3):** No connection.

Diagram illustrating the wiring of the BAR1 BMP388 sensor module. The module is connected to a 3V3 supply and ground (GND). The sensor's pins are labeled as follows:

- Pin 1: VDD
- Pin 2: VDDIO
- Pin 3: INT
- Pin 4: GND
- Pin 5: GND
- Pin 6: GND
- Pin 7: INT_BAR
- Pin 8: GND

The INT and INT_BAR pins are connected to a common point, which is also connected to a +3V3 supply. Two capacitors, C26 (100n) and C27 (100n), are connected between this common point and GND.

IC Addr.: 0x76

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