

MMC5983-B Prototyping Board

MMC5983-B

GENERAL DESCRIPTION

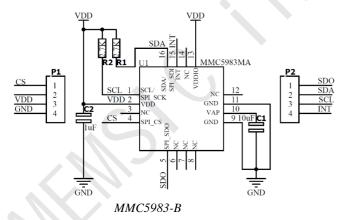
The MMC5983-B provides a convenient and easy way to evaluate and prototype with MMC5983 the three axes magnetic sensor. The magnetic sensor and passive components needed for operations are SMT mounted on the board. Communication, power and ground pins of the MMC5983 SMT device are brought out to standard 0.10 inch on center connections on the sides of the prototyping board. Wires can either be soldered directly to the prototyping board or DIP pins can be used with widely available breadboard kits.

For complete performance specifications of MMC5983 refer to MMC5983 datasheet.

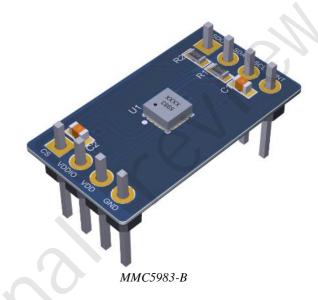
PIN DESCRIPTION

| Pin | Name | Description |
|------|-------------|-------------------|
| P1-1 | SPI_CS | SPI CS |
| P1-2 | NC | NOT CONNECTED |
| P1-3 | VDD | Power |
| P1-4 | GND | Ground |
| P2-1 | SPI_SDO | SPI SDO |
| P2-2 | SDA/SPI_SDI | I2C SDA / SPI SDI |
| P2-3 | SCL/SPI_SCK | I2C SCL / SPI SCK |
| P2-4 | INT | Interrupt Output |

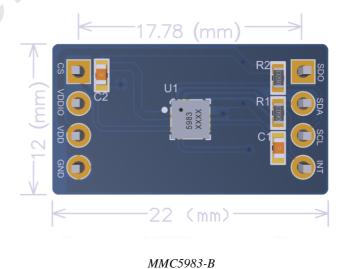
SCHEMATIC OF THE MMC5983-B



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PCB OUTLINE AND CONNECTION DIMENSIONS



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