

BMM150

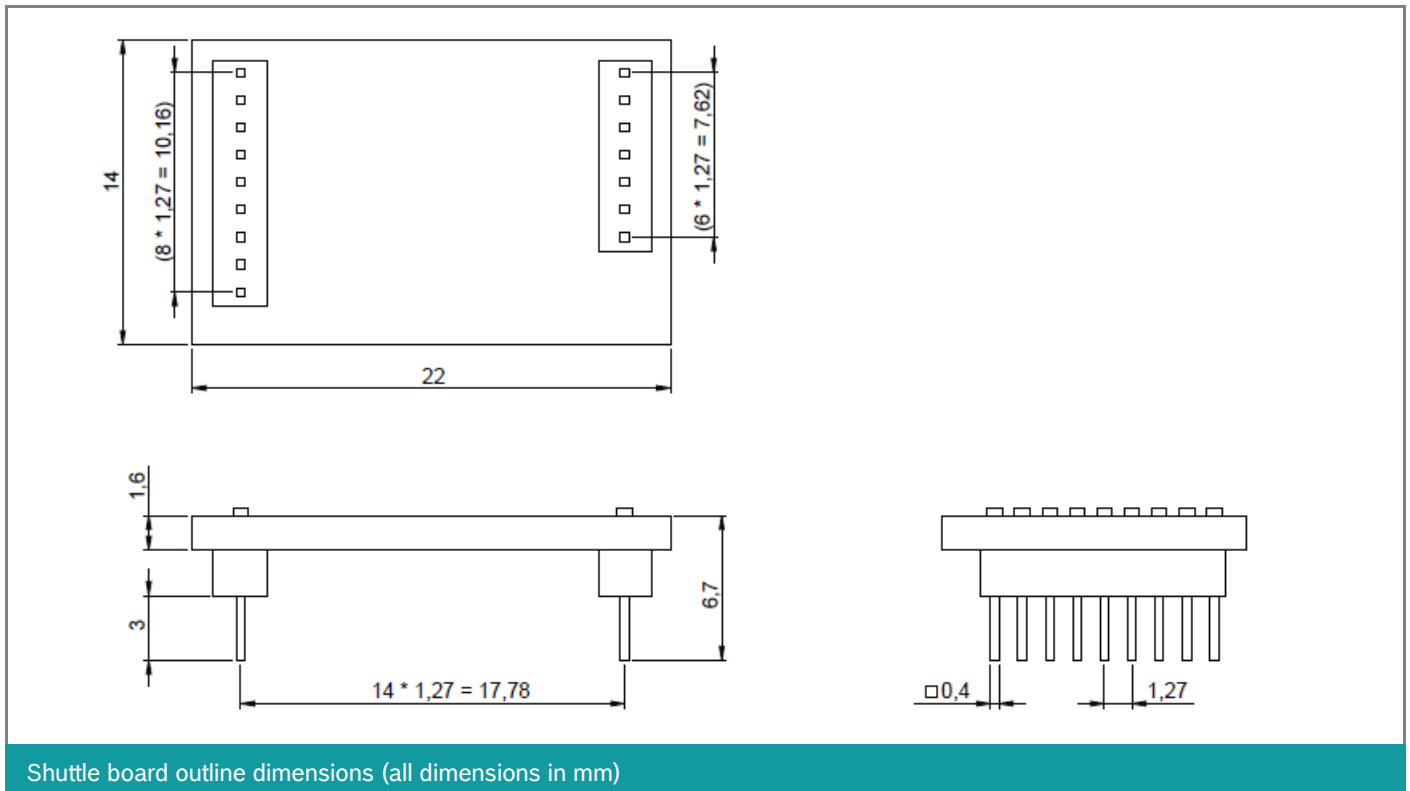
Shuttle board 3.0 flyer

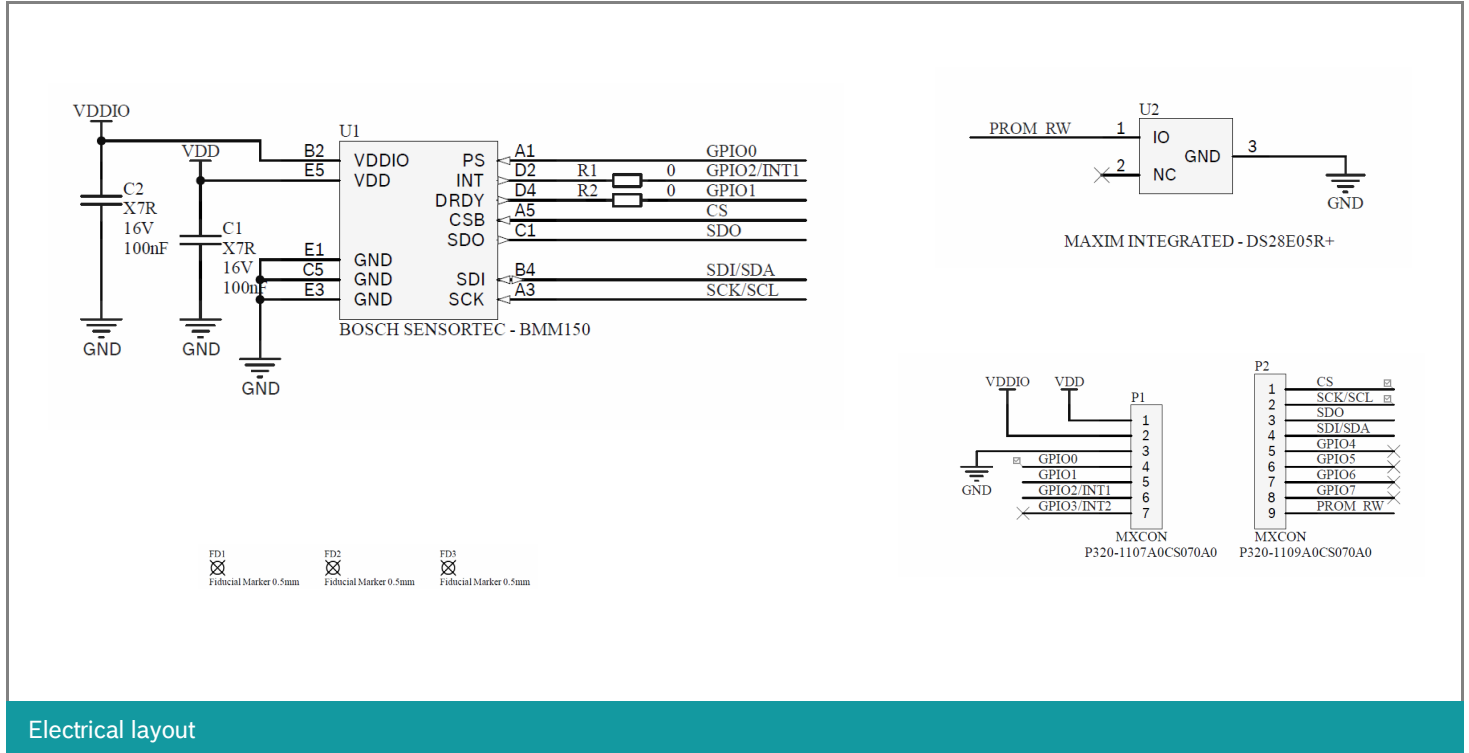
GENERAL DESCRIPTION

The Bosch Sensortec BMM150 shuttle board 3.0 is a PCB with the magnetometer BMM150 mounted on it. In combination with the application board 3.0, the shuttle board can be used to evaluate various functionalities provided on BMM150. The shuttle board allows easy access to the sensor pins via a simple socket and can be directly plugged into the Bosch Sensortec's application board 3.0.



Note: Product photo may differ from real product's appearance





Electrical layout

DESIGNATOR P1 SHUTTLE BOARD CONNECTOR

Pin	Pin name	Description
1	VDD	Supply Voltage Internal Domains
2	VDDIO	Supply Voltage I/O Domain
3	GND	Ground
4	GPIO0	Protocol select
5	GPIO1	Data ready
6	GPIO2/INT1	interrupt pin1
7	GPIO3/INT2	NC

Shuttle board identification:

- ▶ Shuttle ID: 0x07
- ▶ Shuttle board identifier: BST01063

DESIGNATOR P2 SHUTTLE BOARD CONNECTOR

Pin	Pin name	Description
1	CS	Chip selection pin of SPI bus
2	SCK/SCL	Clock pin of SPI bus / clock pin of I2C bus
3	SDO	Master-input-slave-output data pin of SPI bus
4	SDI/SDA	Master-output-slave-input data pin of SPI bus / data pin of I2C bus
5	GPIO4	NC
6	GPIO5	NC
7	GPIO6	NC
8	GPIO7	NC
9	PROM_RW	Connect to EEPROM

Headquarters
Bosch Sensortec GmbH

Gerhard-Kindler-Strasse 9
72770 Reutlingen · Germany
Telephone +49 7121 3535 900
Fax +49 7121 3535 909

www.bosch-sensortec.com