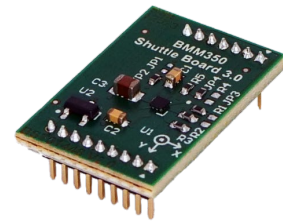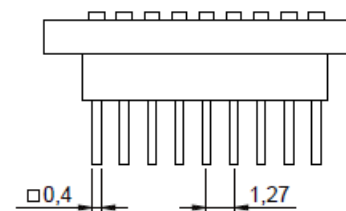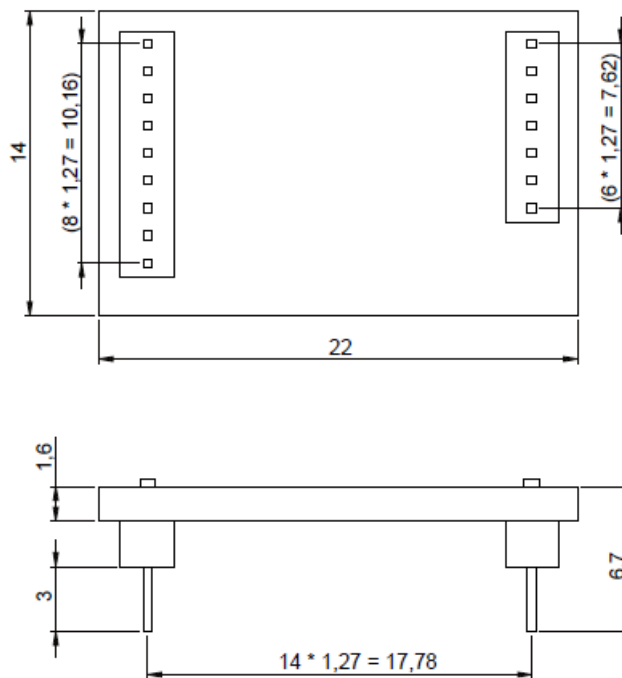**BOSCH**

BMM350
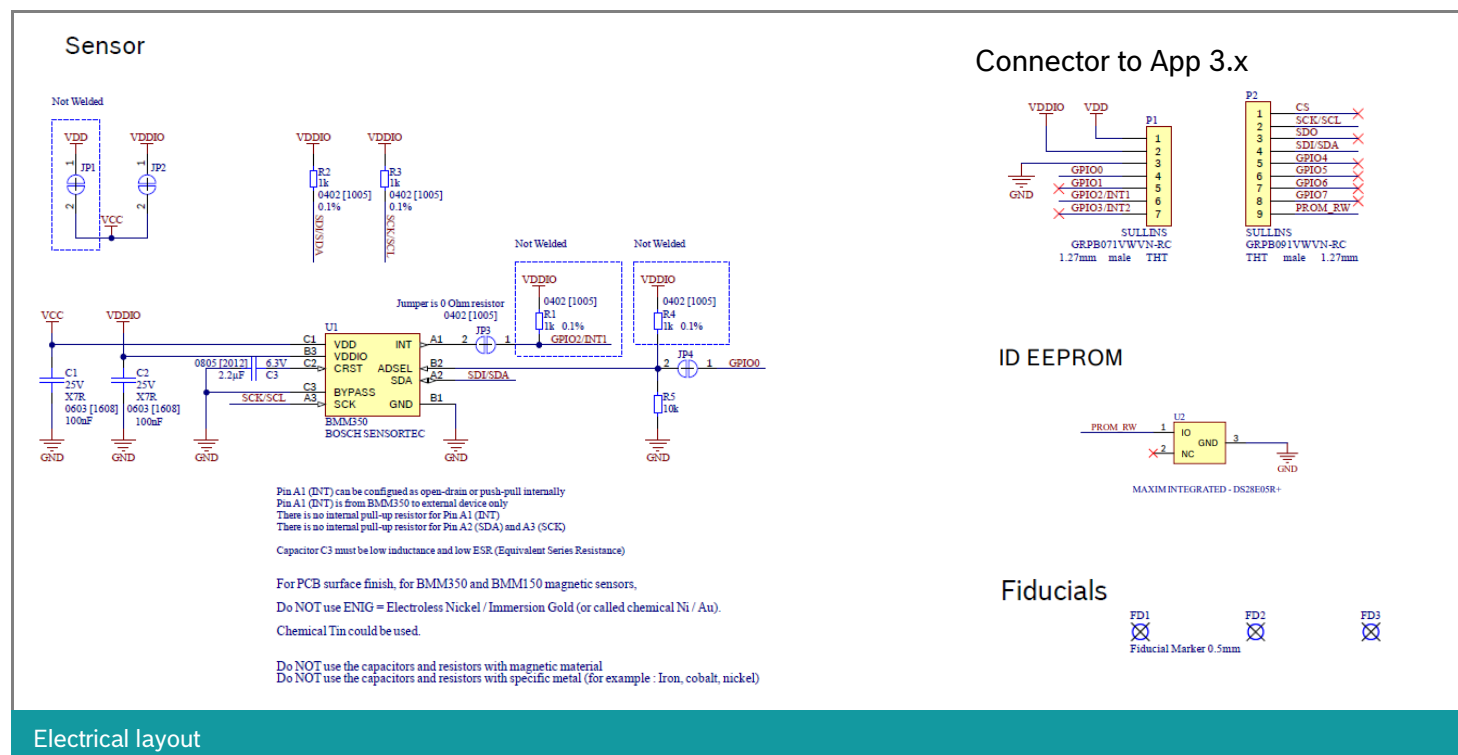# Shuttle board 3.0 flyer

GENERAL DESCRIPTION

The Bosch Sensortec BMM350 shuttle board 3.0 is a PCB with the magnetic sensor BMM350 mounted on it. In combination with the application board 3.x, the shuttle board can be used to evaluate various functionalities provided on the sensor. It allows easy access to the sensor pins via a simple socket and can be directly plugged into the Bosch Sensortec's application board 3.x.

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

Shuttle board outline dimensions (all dimensions in mm)

Electrical layout

DESIGNATOR P1 SHUTTLE BOARD CONNECTOR

Pin	Pin name	Description
1	VDD	Power supply for digital and analog domains
2	VDDIO	Power supply for input and output domain
3	GND	Ground
4	GPIO0	NC (Not Connected)
5	GPIO1	NC
6	GPIO2/INT1	Interrupt pin 1
7	GPIO3/INT2	NC

Shuttle board identification:

▶ Shuttle ID: 0x27

▶ Shuttle board identifier: BST01448

DESIGNATOR P2 SHUTTLE BOARD CONNECTOR

Pin	Pin name	Description
1	CS	Chip selection pin of SPI bus SPI (Serial Peripheral Interface)
2	SCK/SCL	Clock pin to I2C bus I2C (Inter Integrated Circuit)
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	Program to EEPROM Read/Write (Electrically Erasable, Programmable, Read Only Memory)