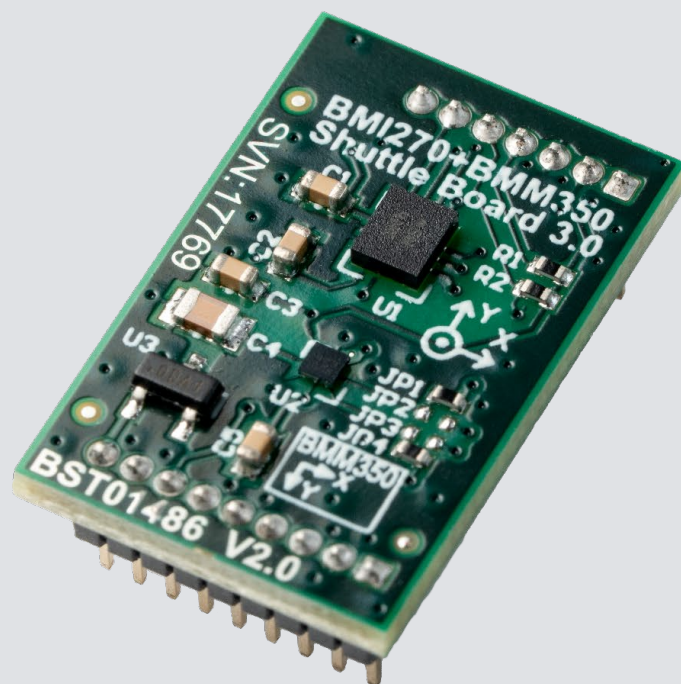




**BOSCH**

## BMI270

Shuttle board 3.0 flyer

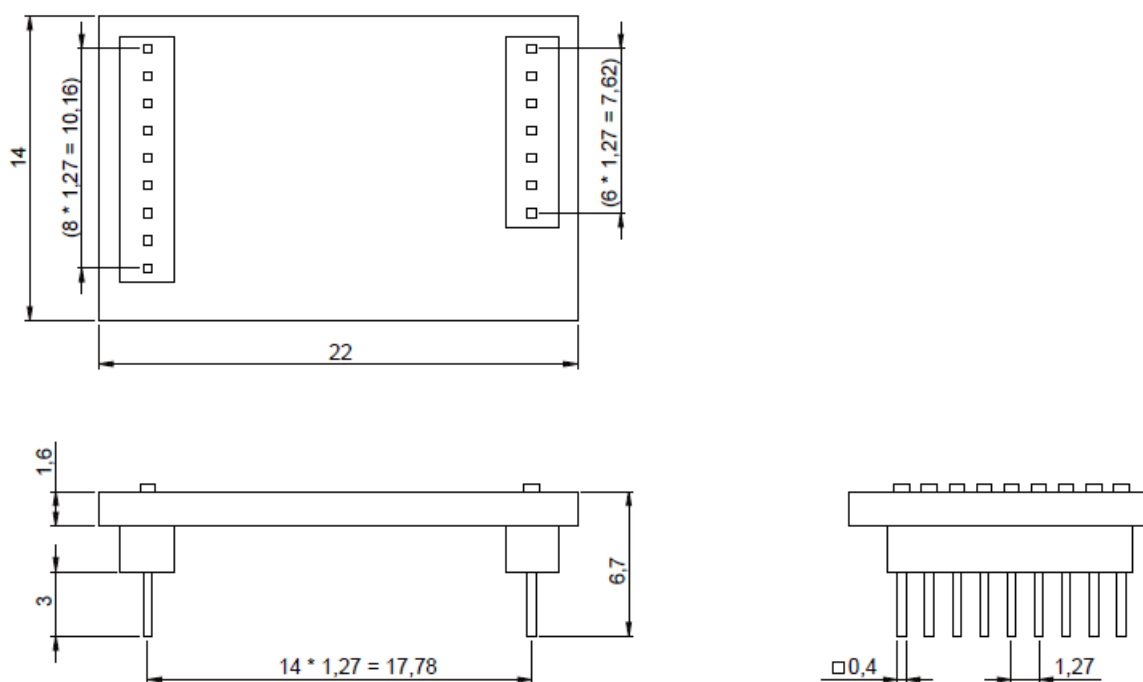


## 1 General description

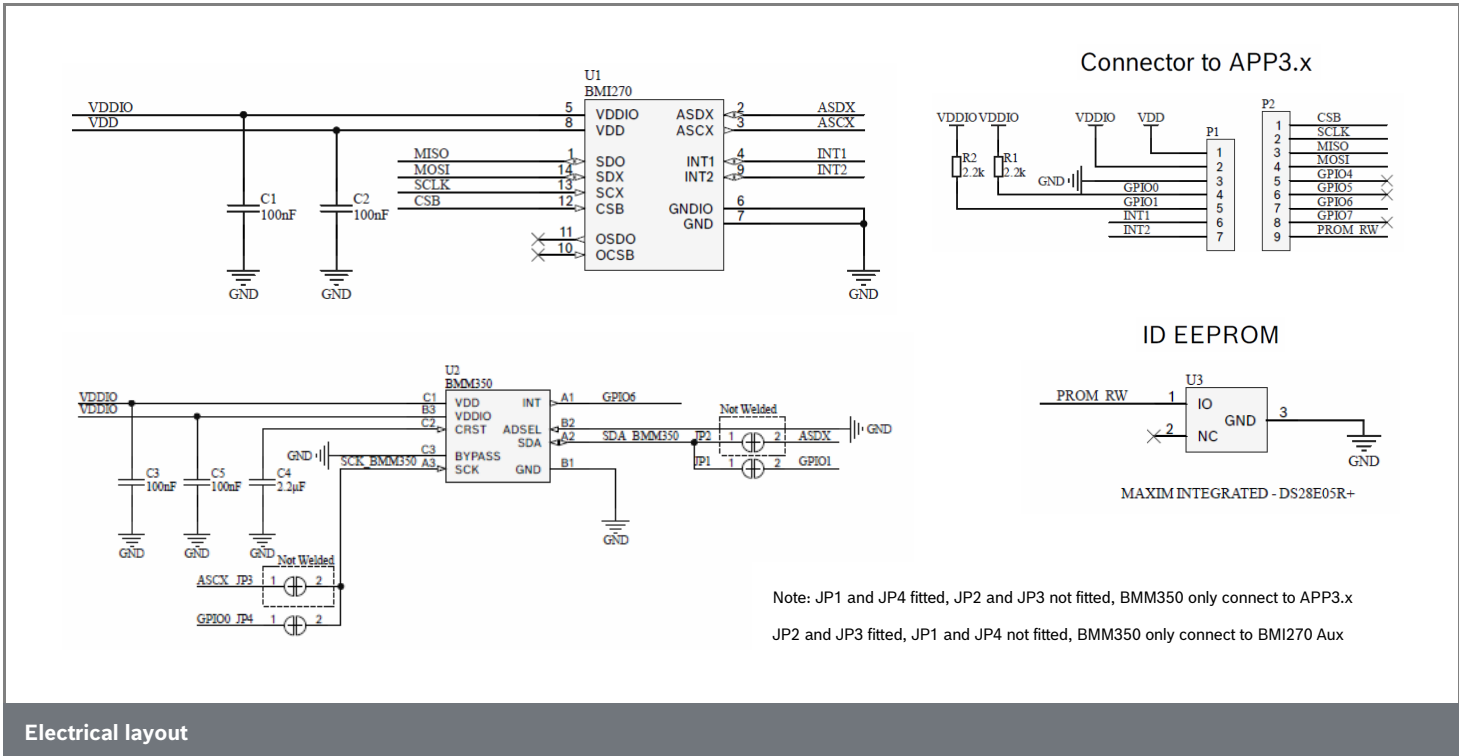
The Bosch Sensortec BMI270 shuttle board 3.0 is a PCB with the 6-axis inertial measurement unit BMI270 and a Magnetometer, BMM350 mounted on it. In combination with the application board 3.x, the shuttle board can be used to evaluate various functionalities provided on BMI270. The shuttle board allows easy access to the sensor pins via a simple socket and can be directly plugged into the Bosch Sensortec's application board 3.x.



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



Shuttle board outline dimensions (all dimensions in mm)



## 2 Designator P1 shuttle board connector

Pin	Pin name	Description
1	VDD	Power supply
2	VDDIO	Power supply
3	GND	Ground
4	GPIO0	BMM350 clock pin of I2C bus
5	GPIO1	BMM350 date pin of I2C bus
6	INT1	BMI270 Interrupt pin 1
7	INT2	BMI270 Interrupt pin 2

Shuttle board identification:

- Shuttle ID: 0x178
- Shuttle board identifier: BST01486\_V2.0

## 3 Designator P2 shuttle board connector

Pin	Pin name	Description
1	CSB	Chip selection pin of SPI bus (host interface)
2	SCLK	Clock pin of both SPI and I2C bus (host interface)
3	MISO	Master-input-slave-output data pin of SPI bus (host interface)
4	MOSI	Master-output-slave-input data pin of SPI bus / data pin of I2C bus (host interface)
5	GPIO4	NC (Not Connected)
6	GPIO5	NC
7	GPIO6	BMM350 Interrupt pin
8	GPIO7	NC
9	PROM_RW	Connect to EEPROM

### Headquarters

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