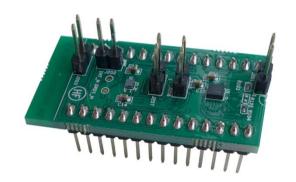


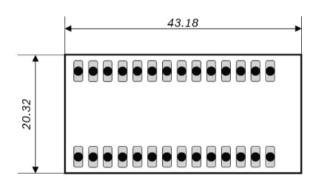
# BMI270 Shuttle Board

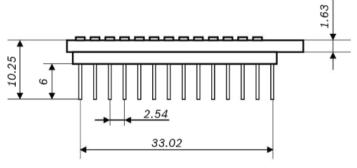
#### **GENERAL DESCRIPTION**

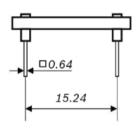
Bosch Sensortec BMI270 shuttle board is a PCB with a 6-DOF Inertial Measurement Unit (BMI270) along with a 3-DOF Magnetometer (BMM150) mounted on it. It allows easy access to the sensor pins via a simple socket. As all Bosch Sensortec shuttle boards have identical footprint, they can be plugged into Bosch Sensortec's advanced development tools (e.g. the Development Board or Application Board). The BMI270 shuttle board can also be used for customer's own implementations.



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

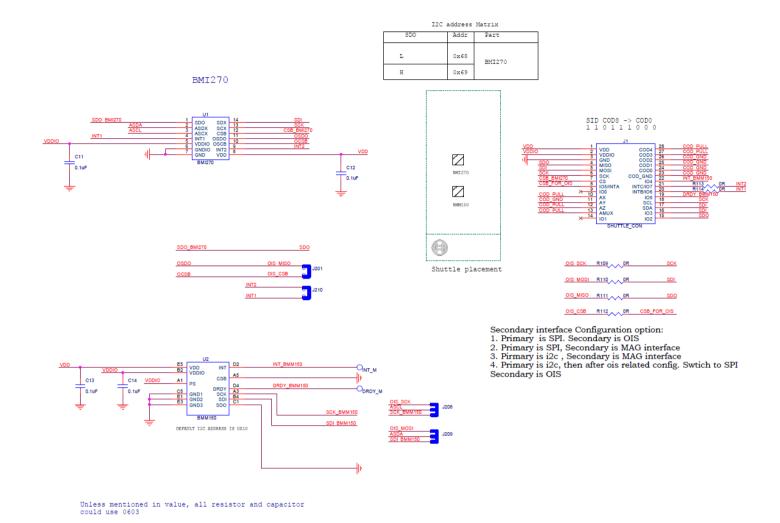






BMI270 Shuttle board outline dimensions (all dimensions in mm)

2 | 2 Bosch Sensortec | BMI270



#### BMI270 Shuttle board schematic

Pin		
Pin	Name	Description
1	VDD	Analog power supply voltage
2	VDDIO	(1.6 V 3.3 V) Digital I/O power supply voltage
		(1.6 V 3.3 V)
3	SDA	I <sup>2</sup> C serial data
		(Host interface)
4	GND	Analog power supply
		ground
5	SCK	I <sup>2</sup> C serial clock
		(Host interface)
		I <sup>2</sup> C Master serial clock,
6	ASCK	for connection of external
		sensors
		I <sup>2</sup> C Master serial data,
7	ASDA	for connection of external
		sensors
8	INT	Host interrupt

### **DELIVERABLES**

▶ BMI270 shuttle board

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Bosch:

Shuttle Board BMI270