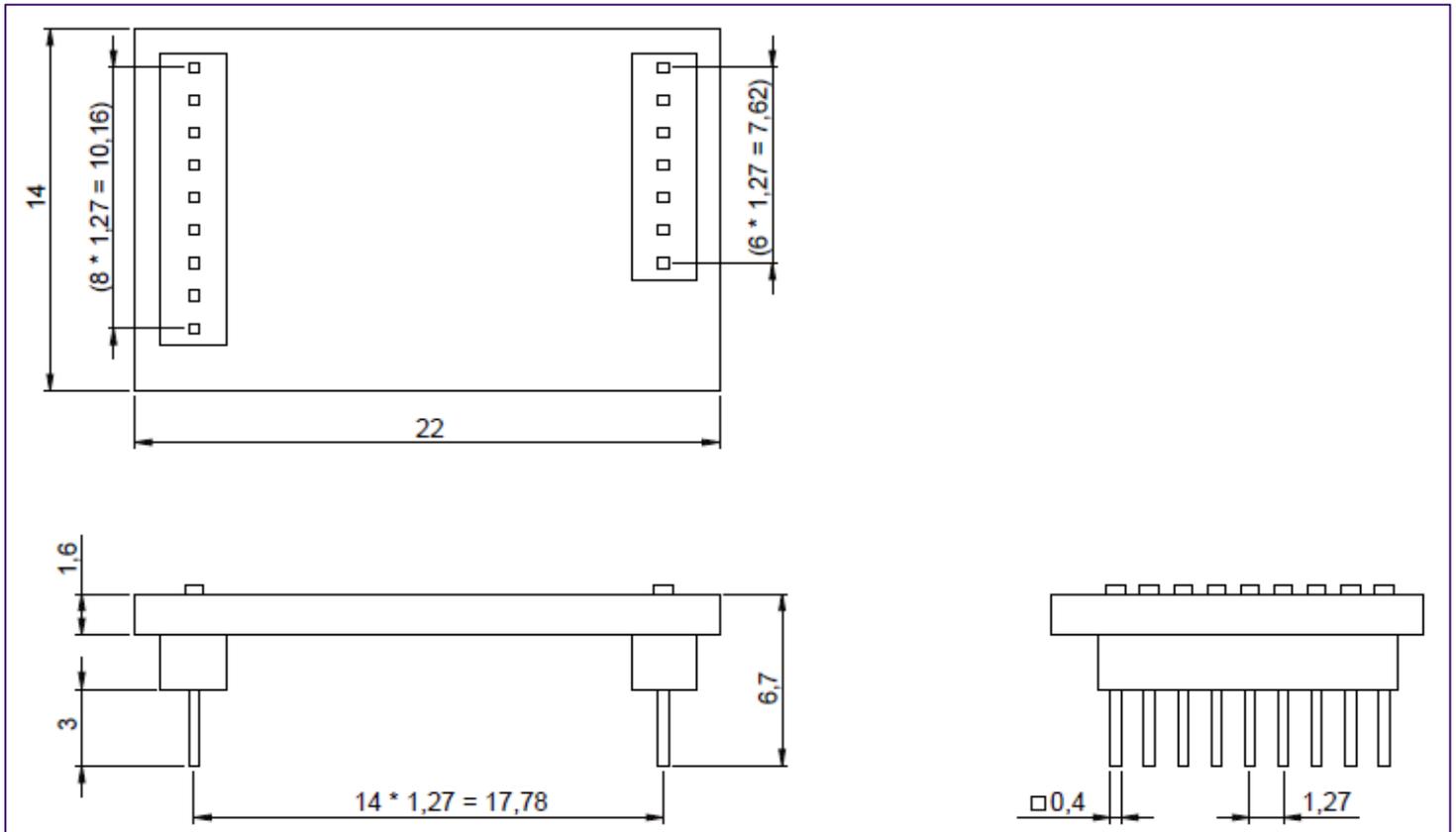# BMA530
Shuttle board 3.0 flyer

1 General description

The Bosch Sensortec BMA530 shuttle board 3.0 is a PCB with the acceleration sensor BMA530 mounted on it. In combination with the application board 3.x, the shuttle board can be used to evaluate various functionalities provided on BMA530. The shuttle board allows easy access to the sensor pins via a simple socket and can be directly plugged into the Bosch Sensortec application board 3.x.
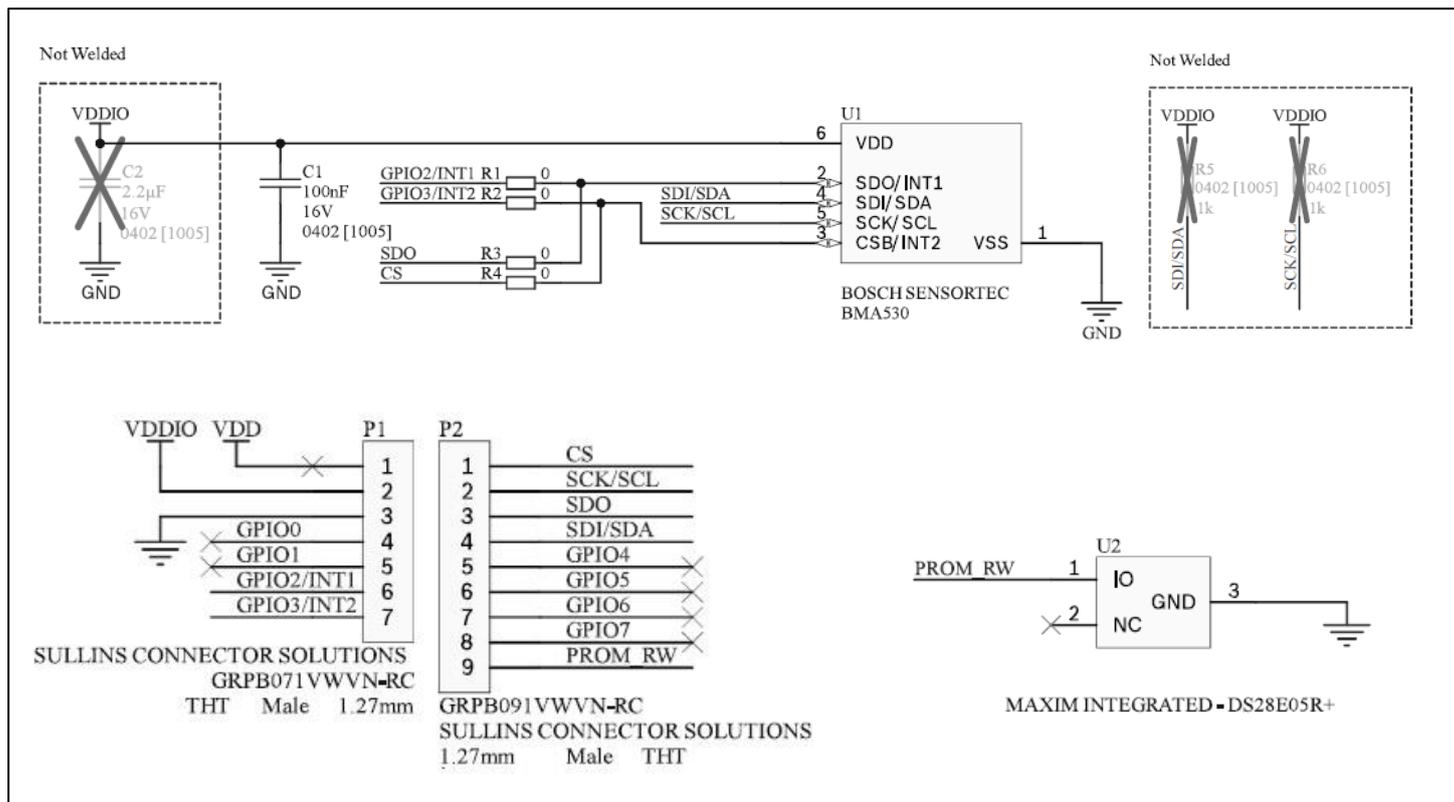

BMA530 Shuttle board 3.0
Note: Product photo may differ from real product's appearance

Shuttle board outline dimension
All dimensions in mm

Electrical layout

2   Designator P1 shuttle board connector

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

Shuttle board identification:
▪ Shuttle board EEPROM ID: 0b010011101
▪ Shuttle board ID: BST01477 V1.0
▪ Chip ID: 0xC2

3   Designator P2 shuttle board connector

Pin	Pin name	Description
1	CS	Chip selection pin of SPI bus
2	SCK/SCL	Series clock pin of both SPI and I2C/I3C bus
3	SDO	Master-input-slave-output pin of SPI bus ; Series data output of I2C/I3C bus
4	SDI/SDA	Master-output-slave-input pin of SPI bus ; Series data input / series data pin of I2C/I3C bus
5	GPIO4	Not Connected
6	GPIO5	Not Connected
7	GPIO6	Not Connected
8	GPIO7	Not Connected
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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Acceleration Sensor Development Tools *category:*

Click to view products by Bosch *manufacturer:*

Other Similar products are found below :

2019 BRKTSTBC-A8491 1018 DEV-13629 BRKOUT-FXLN8361Q 2472 SEN0032 SEN0168 SEN0224 STEVAL-MKI174V1 MXA2500EL-B FIT0031 SEN-13963 MXP7205VW-B SEN0140 SEN0183 SEN-11446 1018901083 163 2019 2809 4097 4627 Shuttle Board 3.0 BMA530 Shuttle Board 3.0 BMA580 410-097P-KIT 410-255P-KIT KIT3376MMA7368L KX132-1211-EVK-001 KX134-1211-EVK-001 EV3419A EV3479A EV3635B EV3672B MXC4005XC-B MXC6655XA-B MIKROE-3341 MIKROE-3440 MIKROE-3464 MIKROE-4112 MIKROE-1194 MIKROE-1905 MIKROE-1942 MIKROE-2102 MIKROE-3149 MIKROE-3244 MIKROE-3259 MIKROE-4185 MIKROE-4559 MIKROE-4780