

Application Board Application Board BT

Bosch Sensortec



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Description

The Bosch Sensortec Application Board is a versatile, universal demonstration and development environment for Bosch Sensortec sensor products. Based on a powerful ARM7 μ Controller the Application Board can be used to configure all sensor parameters by means of PC-based software. Sensor data can be read-out, displayed and captured on the attached PC.

The Application Board applies a flexible, universal shuttle-board concept: Bosch Sensortec sensors are available mounted on sensor specific shuttle-boards. All sensor shuttle boards have identical footprint and can be plugged into the Application Board's shuttle-board socket. The PC software autonomously detects the sensor that has been plugged-in and starts the corresponding software application.

Key features

- ▶ Shuttle board interface to Bosch Sensortec sensor shuttle boards
- ▶ USB 2.0 full speed interface
- ▶ RS 232 interface (solder pads)
- ▶ Flexible power supply (USB bus powered and battery with charger logic)
- ▶ 4 push buttons
- ▶ Firmware can be upgraded via μ SD card
- ▶ Multiple test points and connectors to access data from the board
- ▶ Bluetooth interface (Application Board BT only)

Deliverables

- ▶ Application Board or Application Board BT hardware
- ▶ USB cable
- ▶ CD with PC software "Application Desktop"
(Software requires Windows 2000®, Windows XP® or Windows Vista® operating system)
- ▶ Documentation
- ▶ Note: Sensor shuttle boards must be ordered separately

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

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Specification and deliverables subject to change without notice

BST-DHW-FL005-00 / Version_1.0_032009

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