Application Board 2.0 (BT)

Bosch Sensortec

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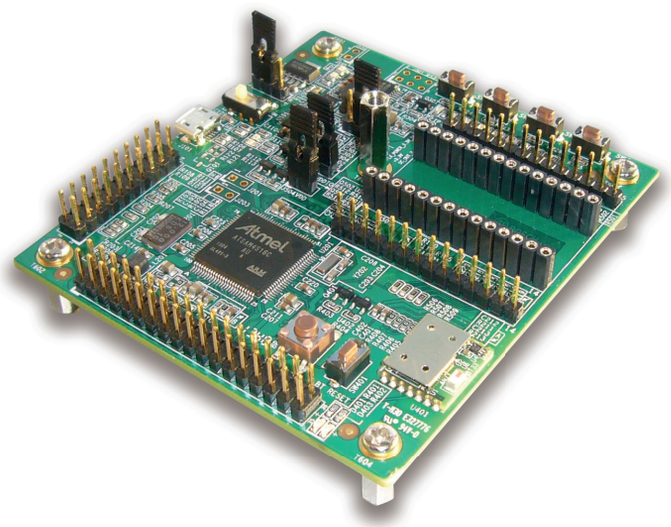

Description

The Bosch Sensortec Application Board 2.0 is a versatile, demonstration and development environment for Bosch Sensortec sensor products. Based on a powerful ARM Cortex-M4 µController the Application Board can be used to configure all sensor parameters by means of PC-based software (Desktop Development). Sensor data can be read-out, displayed and captured on the attached PC.

The Application Board 2.0 applies a flexible shuttle-board concept. 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

- Interface to Bosch Sensortec sensor shuttle boards
- USB 2.0 full speed connection to PC
- Flexible power supply (USB bus powered and battery with charger logic)
- 4 push buttons
- Firmware can be upgraded via Development Desktop 2.0
- Multiple test points and connectors to access data directly from the board
- Bluetooth interface (Application Board 2.0 BT only)

Deliverables

- Application Board 2.0 or Application Board 2.0 BT hardware
- Documentation
- Note: Sensor shuttle boards must be ordered separately

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