



BCM9WICED_SENSE2 Evaluation and Development Kit



The Cypress BCM9WICED_SENSE2 provides the best out-of-box development experience for WICED™ SMART. The WICED SENSE 2 kit includes the Cypress BCM20737L Bluetooth Low Energy SoC and four STMicroelectronics sensors: gyroscope/accelerometer, eCompass, pressure, and humidity/temperature. The BCM20737L connects directly to the sensors without the need for an external micro-processor. The WICED Sense smartphone application is used to easily receive and display real-time data from the sensors.

Kit Features:

- Four integrated sensors allowing for development, debug, and display of real-time information with the WICED Sense smartphone application.
- The BCM9WICED_SENSE2 is a self-contained device that can be powered from a wired USB (+5V) connection or a coin cell battery
- On-board USB-UART bridge enables easy-to-use Host Controller Interface (HCI) via PC terminal.
- On-board EEPROM and Serial Flash programmed by WICED™ SMART SDK for custom application firmware development.
- The USB interface enumerates as both a USB-JTAG (Program and Debug) and USB-UART (Serial Command Interface)

Kit Contents:

1 X BCM9WICED_SENSE2 device (including CR2032 coin cell), 1 X USB Cable, 1 X Quick Start Guide