

Memory Modules

Flash Products

Communication
Products

Blue Topaz Bluetooth® Development Kit



FEATURES

- Class II device
- Bluetooth 1.1 compliant
- Standard HCI interface software
- Full speed HCI UART
- USB v1.1 compliant and USB2.0 compatible
- Full speed Bluetooth operation
- Full speed USB interface supports OHCI and UHCI host interface
- Full piconet support
- 8Mbit external Flash
- Access to PCM interface, (PIO) lines
- Firmware upgradeable via UART, USB or SPI interface
- Temperature range: -20°C to +85°C.
- Attached antenna

The BlueTopaz development kit is a comprehensive solution that enables developers a fast track in which to adopt Bluetooth Technology.

The development kit includes the BlueTopaz adapter board and all necessary accessories to help OEM/ODM integrators evaluate, develop, and test products based on SMART Modular Technologies' Bluetooth Min-Module (90147) at the Radio & HCI level. The BlueTopaz development kit includes a standard HCI interface through UART and USB interfaces. The interface is compatible with third party software and upper layers stack vendors.

The BlueTopaz development kit is available in three configurations: USB, UART only up to the HCI level, and UART with SPP profile.

SMART Modular Technologies, Inc. is a wholly owned operating company within Solectron Corporation's (NYSE: SLR) Technology Solutions Business Unit. SMART, a leading independent manufacturer of memory and communication sub-systems offers more than 500 products to premier OEMs in the computer, networking and telecommunications industries. Through its relationship to Solectron, SMART offers customers competitive outsourcing advantages, such as access to advanced manufacturing technologies, shortened product time-to-market, reduced total cost of ownership and more effective asset utilization.



SMART Modular Technologies Communications Products Division (CPD) has extensive experience & focus upon leading-edge, client-side personal communication sub-systems for wireless and wired Personal Area, Local Area and Wide-Area Networks.

TECHNOLOGY → PRODUCTS → PROFITS

Get there faster with SMART.

turning technologies into products

turning vision into reality

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SMART
Modular Technologies

Specifications

Development Kit Contents

- Mini-Module adapter board
- USB cable (USB kit only)
- DB25, and DB9 cables (UART kit only)
- Universal AC/DC adapter (110/220v to 3v-12v converter)
- Antenna
- Documentation
- Software drivers (USB)
- Software tools (UART) (Runs on Windows™ 2000 or Windows™ XP)

Applications

- Serial cable replacement
- Personal computer
- Personal digital assistant
- Industrial applications
- Medical applications
- Printers
- Wireless access point
- Laptops
- Scanners

SMART Kit Part Number

STBTIOBJWWPASSM USB with HCI stack only
STBTIOBKWWPASSM UART with HCI stack only
STBTIOBLWWPASSM UART with loaded SPP profile

SMART Modular Technologies Mini-Modules "90147" are available in sample pack of 10 units, and in tape & reel of 500 units under these part numbers:

Sample pack (10 units) part numbers

STBTIOBUWWPASSM Bluetooth USB
STBTIOBAWWPASSM Bluetooth UART with HCI stack Only
STBTIOBYWWPASSM Bluetooth UART with loaded SPP profile

Tape and Reel (500 units) part numbers

STBTIOBUWWPABSM Bluetooth USB
STBTIOBAWWPABSM Bluetooth UART with HCI stack Only
STBTIOBYWWPABSM Bluetooth UART with loaded SPP profile

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