



## Bluetooth™ (USB/RS-232) Module

### Features:

- Bluetooth™ v1.1 compliant
- USB/UART/PCM interface
- With an adaptor board for easy development
- 0dBm Class 3;(upgradeable to 20dBm Class 1 with external power amplifier)
- 10 meter working distance
- Full Bluetooth™ protocol stacks up to HCI
- CC&C Protocol stacks / 3<sup>rd</sup> party protocol stacks supported
- CC&C Profiles / 3<sup>rd</sup> party profiles supported

### •General:

- Frequency band : 2.4GHz ~ 2.4835GHz unlicensed ISM band
- Modulation : GFSK
- Connection mode : Active, Hold, Sniff, Park
- Piconet : support four slave piconet
- Link mode : ACL and SCO
- Data rate : 723kb/s (max.)
- Interface : USB/UART or UART only
- Sensitivity : -80dBm @ 0.1% BER
- Type approvals : ETS300 328 ETS300 826 (Europe)
- FCC CFR47 part15.247 (North America)
- Certification: Bluetooth™ logo (applying)
- Security : Authentication, Encryption, Paring
- DC Power : 5V

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