Bluetooth ® *Module*

Rayson

Class2 BC04-ext mini Module

BTM-160

This is a Bluetooth Class2 (max 4dBm) module with miniature size of 14x12x2.2mm. It is based on CSR Bluecore 4 chip set which can support Bluetooth V2.1+EDR standard. With regular SPP profile, the module can support maximum baud rate up to 921.6Kbps at its UART interface. The AT command set allows the host to configure the module or the communication parameters, which makes the module very flexible but easy to use. Beside of the SPP profile, the module is also suitable for data communication applications such as DUN, OPP, FTP, PBAP and HID. Voice applications such as HSP and HFP are also possible by using with external voice CODEC via PCM bus. USB interface is included which can be used as a USB to wireless UART converter.

Features

- The module is a Max.4dBm(Class2) module.
- *Bluetooth* standard Ver. 2.1 + EDR compliant.
- Low current consumption :
  Hold, Sniff, Park, Deep sleep Mode
- Supply voltage: 3.0V ~ 3.6V
- Support for up to seven slaves :
  SCO links<3>,ACL links, Piconet<7>
- Interface: USB,UART&PCM(for voice CODEC)
- HCI or SPP,HSP/HFP,HID,DUN firmware is available
- Support for 802.11 Co-Existence
- RoHS compliant
- Small outline: 14 x 12 x 2.2 mm

Outline

Applications

- PDA,NB, Car Kit
- Presenter, Mouse, Keyboard
- for Cordless headset
- Digital camera & printer
- Access Points
- GPS,POS, Barcode Reader
- Data collector
- Domestic and industrial applications Sports and fitness

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