

BT-MD05B



CLASS 2 MODULE



General Description

BT-MD05B is a class 2 surface mountable Bluetooth Module. It provides a full compliant system for data and voice communications. The physical interfaces to a host (UART and USB) can support full Bluetooth data rate of 723.2k/57.6kbps. A 13 bit PCM, 8k sample/sec, synchronous bidirectional audio interface is also available.

DIMENSION(L×W×H): 39.5×15.5×3
(Unit:mm)

Applications

- Notebook and Desktop PCs
- Mobile Phones
- Cordless Headsets
- Personal Digital Assistants (PDA)
- Keyboard and Mouse
- FAX
- Printers

Key Features

- Bluetooth V1.1 Compliant
- 3.3V Operation
- Full Bluetooth data rate over UART and USB
- Support Device Firmware Upgrade
- Four low power modes: Park, Sniff, Hold and Deep Sleep
- Pico-net Capability
- Support for up to seven slaves
- Operating Temperature Range: 0~+65°C
- Storage Temperature Range: -40~+85°C
- OS platform: Windows 98/SE/ME, 2000, XP

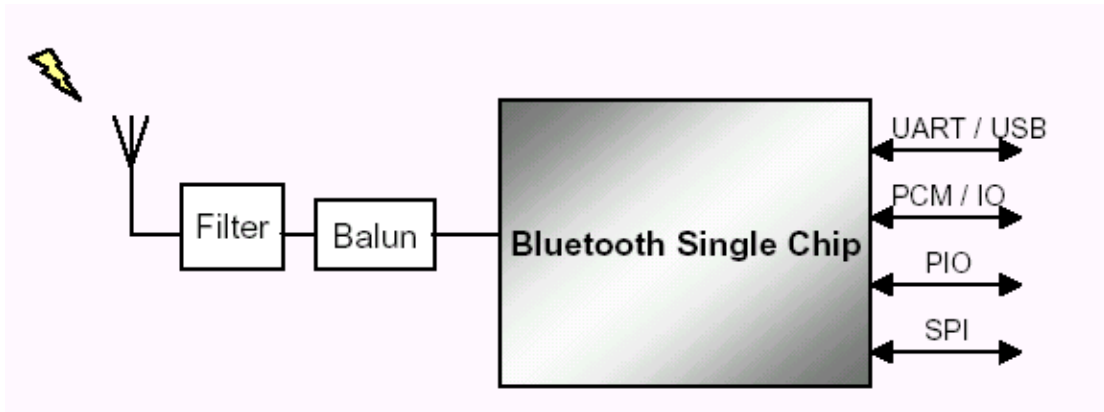
BT-MD05B



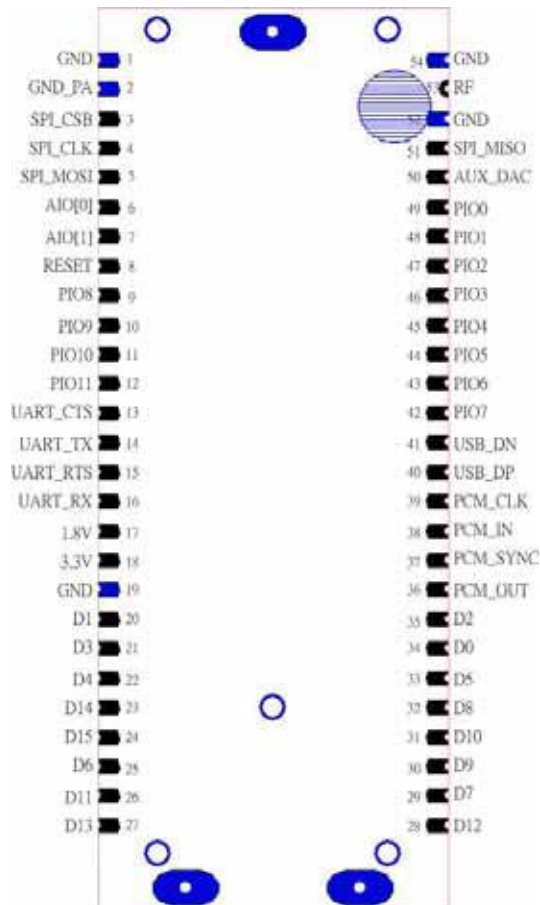
CLASS 2 MODULE



Block Diagram



Pin Configuration



Viewed From Component Side