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Bluetooth iOS module - Power Class 2

Part Number   MBH7BTZ52
Status   ✓ Active
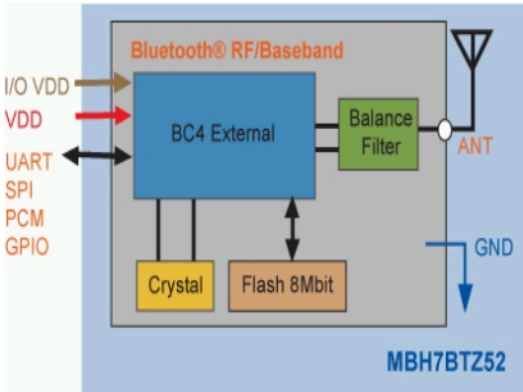**IC**   CSR BC4-External
Package   Surface mount module with integrated antenna

Features

- Before using this module, please note that user must be a member of the Apple Inc.® Mfi licensing program (https://developer.apple.com/programs/mfi/)
- Bluetooth specification version 2.1 + EDR compliant
- Power Class 2 (+4dBm max.)
- Upper layer protocol stack (L2CAP, SDP, RFCOMM) and profiles (GAP, SPP) are embedded
- Receiver sensitivity: basic rate -87dBm typical
- Hardware interface: UART (9.6k ~1.382kbps)
- Software interface: simple proprietary command
- Operating temperature: -25 to +85 degrees C
- Supply voltage: 2.7 to 3.6VDC
- I/O power supply 1.7 ~ 3.6V
- Integrated antenna
- Bluetooth Qualified End Product: ID No: B016068 (SIG website:https://www.bluetooth.org/tpg/listings.cfm)
- 17.6 x 14.0 x 1.9mm
- FCC/IC/CE compliant
- RoHS compliant

Documentation

- Datasheet: n/a
- Specification: please contact Fujitsu
- Eval kit: n/a
- Blockdiagram
- ▪

Blockdiagram

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