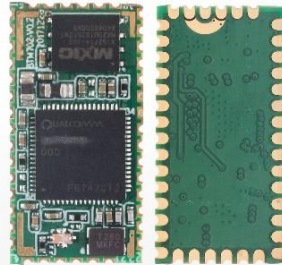


## FLC-BTM702



### 概述：

FLC-BTM702是一款高性价比的小型低功耗蓝牙无线模组，设备制造商可通过此模块在其产品上增加无线通讯功能。此模块支持多重类型接口，便于设计成各种通过认证的嵌入式蓝牙解决方案。

使用慧翰自主的AT+TM编程接口，设计者可轻松的为客户定制设计不同的应用程序以支持各种协议，如HS/HF,A2DP,AVRCP,SPP等。该模块支持蓝牙增强型数据传输与蓝牙5.0，10m内传输速率可达到

3Mbps

此模块是无线产品设计者们的理想选择。

### 技术规格：

- ◆ 蓝牙版本与技术：双模 蓝牙5.0
- ◆ 嵌入的蓝牙协议：HS/HF,A2DP,AVRCP,SPP等，具体由固件决定
- ◆ 接口：UART，PIO，AIO，USB2.0，SPI，PCM
- ◆ 发射功率：7dBm（最大9dBm）
- ◆ 天线：板上天线设计
- ◆ 温度：-40°C到+85°C
- ◆ 尺寸：23.24mm x 11.94mm x 2.00mm
- ◆ 其他特色：①采用V8 CVC降噪技术
  - ②可选支持aptX与apx LL
  - ③支持WBS
  - ④支持truewireless 技术
  - ⑤集成SBC ACC A2DP 编解码器
  - ⑥支持立体声DAC输出

### 应用：

- ◆ 蓝牙免提
- ◆ 汽车蓝牙音响
- ◆ 蓝牙音响
- ◆ 蓝牙立体声耳机
- ◆ 导线替代
- ◆ 测量与监控系统
- ◆ 工业控制与传感
- ◆ 医疗设备
- ◆ 工业电脑

### Description:

FLC-BTM702 is a small form factor, low power and highly economic Bluetooth radio module that allows OEM to add wireless capability to their products. The module supports multiple interfaces that make it simple to design into fully certified embedded Bluetooth solutions.

With FLC' s AT+™ programming interfaces, designers can easily customize their applications to support different Bluetooth profiles, such as HS/HF, A2DP, AVRCP, SPP, and etc. The module supports Bluetooth® Enhanced Data Rate (EDR) ,BT5.0 and delivers up to 3 Mbps data rate for distances to 10M.

The module is an appropriate product for designers who want to add wireless capability to their products.

### Technical Specification:

- ◆ BT version and technology: Fully qualified single-chip dual mode Bluetooth v5.0
- ◆ Profiles: HS/HF, A2DP, AVRCP, SPP, etc. deatiled profiles depends on the firmware.
- ◆ Interfaces: UART, PIO, AIO, USB2.0, SPI, PCM
- ◆ RF TX Power: 7dBm (max:9dBm)
- ◆ Antenna: On-board antenna design
- ◆ Temperature: -40°C to +85°C
- ◆ Size: 23.24mm x 11.94mm x 2.00mm
- ◆ Other features:
  - ①Use V8 CVC noise reduction technology
  - ②Optional aptX LL and aptX supports
  - ③Support WBS
  - ④Support truewireless technology
  - ⑤Integrated SBC AAC and A2DP codecs
  - ⑥Support Stereo DAC output

### Application:

- ◆ Automobile hands-free applications
- ◆ Bluetooth Car Speakers
- ◆ Bluetooth Speakers
- ◆ Bluetooth Stereo Headphones
- ◆ Cable replacements
- ◆ Measurement and monitoring systems
- ◆ Industrial sensors and controls
- ◆ Medical devices
- ◆ Industrial PCs and laptops