

Radicom Research, Inc.

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**Embedded Bluetooth V5.0 Transparent Transmission Module – RB8762CS series**

UART/SPI/I2C

Radicom RB8762CS embedded Bluetooth module series use as simple as a serial interface to add state of the art data Bluetooth V5.0 wireless operation to any system.

Featuring a self-contained Bluetooth subsystem, streamlined and simple connectivity, which allows OEM integrators to incorporate Bluetooth wireless technology into a broad range that previously did not feature wireless capabilities.

It is designed to support interfaces, such as UART, SPI, I2C and GPIOs.

The RB8762CS series is available in surface mount (SMD). Also available in EVK, which is designed for testing and development purpose.

Models:

-RB8762CS:

SMD module with antenna onboard.

Size: 10 x 10 x 2.3 mm (with shield)

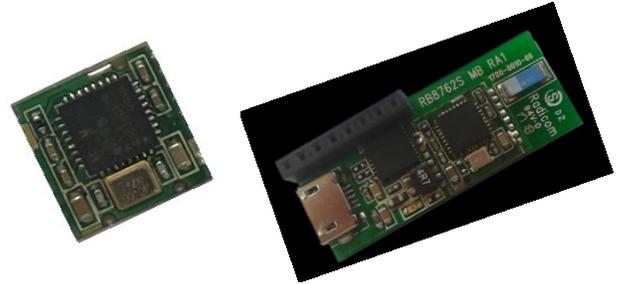
-RB8762CSMB:

RB8762CS Based board

Size: 33.5 x 13.5 x 3.9 mm

-RB8762CS EVK:

SMD module plus based board



RB8762CS

RB8762CS MB

Application:

- RV Remote Controller
- LE (Low Energy) HID
- Beacon
- Home Automation
- Key Fob
- Wristband & Wearable Device

Features:

- Multi-I/O Interfaces: UART, I2C, SPI, GPIO
- Ultra low power consumption
- Support Bluetooth 5.0 core specification
- Operates in 2.4GHz frequency range
- Low power 3.3V operation
- Operating temperature: -20°C ~ +70°C
- Small size:
 - RB8762CS: 10x10x2.3 mm
 - RB8762CS EVK: TBD
- Maximum 16 GPIO pins available