

**Radicom Research, Inc.**

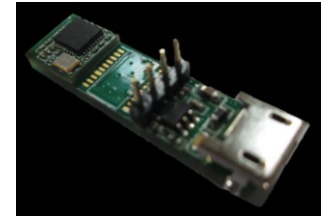
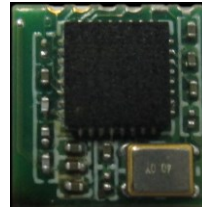
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**Embedded Bluetooth V4.2 Data Transmission Module – RB8761 series**

**UART Interface support**

Radicom RB8761 which is very small module embedded Bluetooth module series use as simple as a serial interface to add state of the art data Bluetooth V4.2 wireless operation to any system.



**RB8761**

**RB8761EVK**

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 UART interfaces.

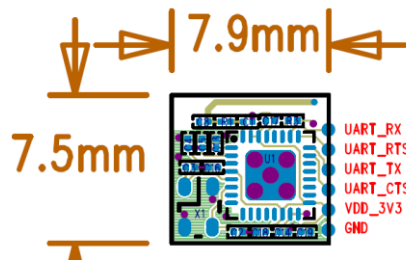
The RB8761 series is available in surface mount (SMD). Also available in EVK, which is designed for testing and development purpose.

Models:

- RB8761:  
SMD module with antenna onboard.  
Size: 7.9 x 7.5 x 1.95 mm
- RB8761MB:  
RB8761 Based board  
Size: 30X9.5X8.8 mm
- RB8761EVK:  
SMD module plus based board

**Application:**

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



**Features:**

- Interfaces: UART
- Ultra low power consumption
- Support Bluetooth 4.2 core specification
- Operates in 2.4GHz frequency range
- Low power 3.3V operation
- Operating temperature: 0 °C ~ +70 °C
- BT Protocol Stack: GATT, SPP and LE profile
- Very small size:  
RB8761: 7.9x7.5x1.95 mm  
RB8761 EVK: 30X9.5X8.8

For more information, please contact: [sales@radi.com](mailto:sales@radi.com) or visit our website [www.radi.com](http://www.radi.com)