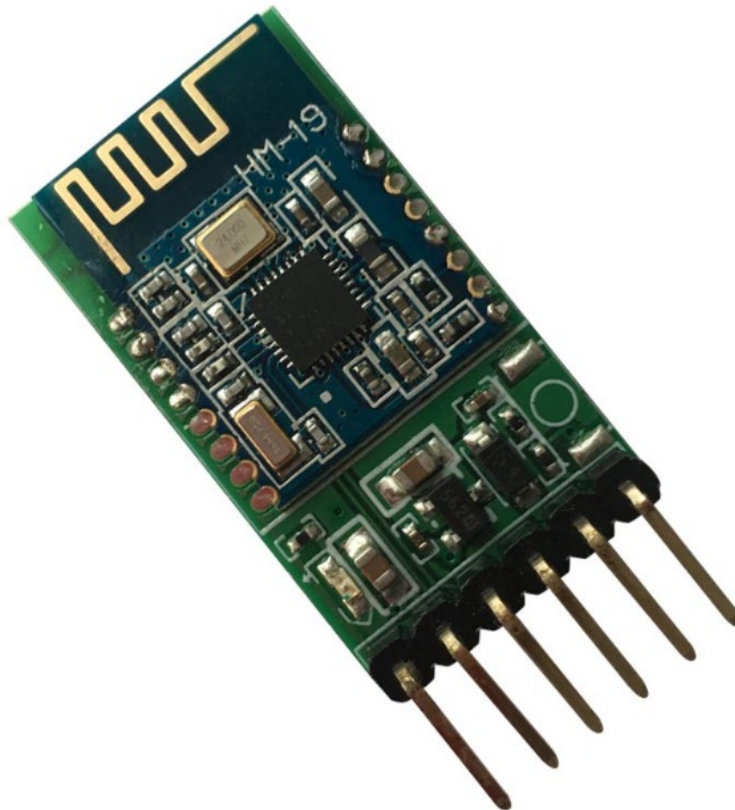


RealMCU BM-8762CMF Bluetooth 5.0 BLE Module User Guide

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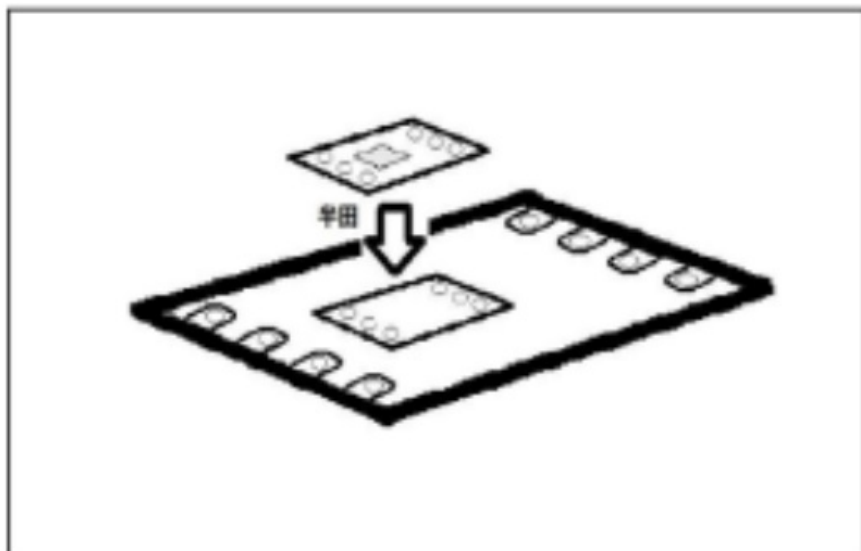
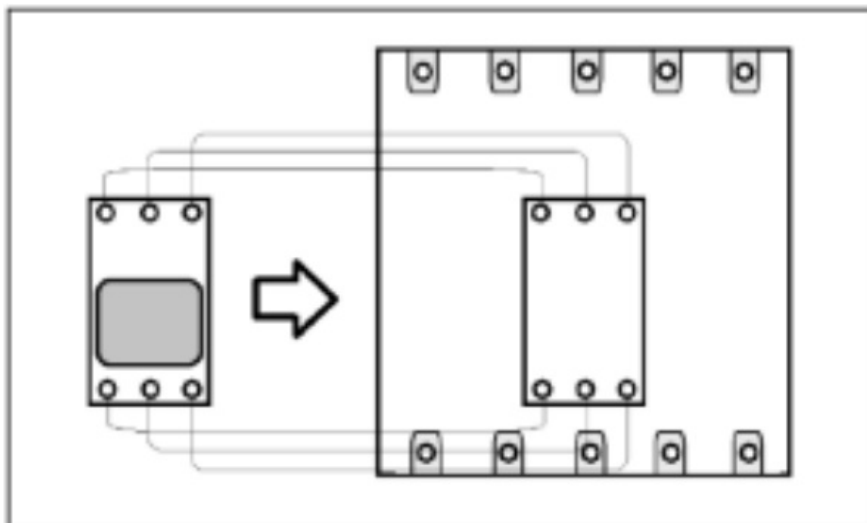


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Introduction

The BM-8762CMF is an ultra-low-power system on-chip module for Bluetooth 5 low energy applications that combines the excellent performance of a leading RF transceiver with a low-power ARM Cortex-M4F and rich powerful supporting features and peripherals. It combines a BT Protocol Stack for GAP, ATT/GATT, SMP, L2CAP



FCC ID: PANBM8762CMF



XXX-XXXXXX

SPECIFICATION

Product Name	Bluetooth 5.0 BLE Module
Model Number	BM-8762CMF
Power Supply	3.3V Supply Voltage
Interface	UART
Operating Temperature	-20 – 85° C Ambient temperature
Frequency Range	2402~2480 MHz

FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:

This device is intended only for OEM integrators under the following conditions:

As long as 2 conditions above are met, further transmitter test will not be required. However, the OEM integrator is still responsible for testing their end-product for any additional compliance requirements required with this module installed

IMPORTANT NOTE:

In the event that these conditions can not be met (for example certain laptop configurations or co-location with another transmitter), then the FCC authorization is no longer considered valid and the FCC ID can not be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization.

End Product Labeling

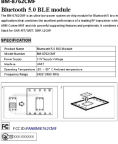
The product can be kept as far as possible from the user body or set the device to lower output power if such

function is available. The final end product must be labeled in a visible area with the following: “Contains FCC ID: PANBM8762CMF”. The grantee’s FCC ID can be used only when all FCC compliance requirements are met.

Manual Information To the End User

The OEM integrator has to be aware not to provide information to the end user regarding how to install or remove this RF module in the user’s manual of the end product which integrates this module.
The end user manual shall include all required regulatory information/warning as show in this manual.

Documents / Resources

	<p>RealMCU BM-8762CMF Bluetooth 5.0 BLE Module [pdf] User Guide BM8762CMF, PANBM8762CMF, BM-8762CMF Bluetooth 5.0 BLE Module, BM-8762CMF, BM-8762CMF BLE Module, Bluetooth 5.0 BLE Module, BLE Module</p>
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