Bluetooth Module
Usual Manual

Model : C007

Version:V04

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1. Introduction

The module coo7 is high performance and low power. The module provide a complete Bluetooth system base on DA14580 chipset. this module completely compliance to Bluetooth V4.2 for low energy smart watch.

2. Application

The module was only applied to smart movt and smart watch ,which connect smart watch to APP on mobile phone .

3. The host Shielding design

The shielding design fully enfold the RF circuitry - that includes shielding the top, all sides, and the bottom. The bottom is a shielding ground plane, and expressly designed as an effective shield made of materials such as sheet metal, metal mesh, or a metallic ink coated material. Any holes in the shield are significantly smaller than the wavelength of the radiation that is being blocked, to effectively approximate an unbroken conducting surface.

4. General specification

Module name	C007
Bluetooth standard	Bluetooth 4.2
Chipset	DA14580
Dimension	Φ37.8mm x 0.6mm
Operating Conditions	
Operating voltage	2.7V~3.3V
Operating temperature	0℃~50℃
Storage temperature	-20℃~70℃
Electrical specification	
Frequency	2402~2480MHz
Receiving sensitivity	0.2%
Receiving distance	25m

(OEM) Integrator has to assure compliance of the entire end-product incl. the integrated RF Module. For 15 B (§15.107 and if applicable §15.107) compliance, the host manufacturer is required to show compliance with 15 while the module is installed and operating.

Furthermore the module should be transmitting and the evaluation should confirm that the module's intentional emissions (15C) are compliant (fundamental / out-of-band). Finally the integrator has to apply the appropriate equipment authorization (e.g. Verification) for the new host device per definition in §15.101.

Integrator is reminded to assure that these installation instructions
will not be made available to the end user of the final host device.

The final host device, into which this RF Module isintegrated" hasto be labelled
with an auxilliary lable stating the FCC IDofthe RF Module,
such as "Contains FCC ID: 2ANC7-C007

"This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:
(1)this devicemay not cause harmful interference, and
(2)this devicemust accept any interference received, including
interference thatmay cause undesired operation."

NOTE: 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 or more 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.

Changes or modifications to this unit not expressly approved by the party responsible for
compliance could void the user's authority to operate the equipment.

This transmitter/module must not be collocated or operating in conjunction with any other antenna or transmitter.