



運動秀（廈門）信息科技有限公司

FitShow (XiaMen) Information Technology Co., Ltd.

FS-BT-C1 Module

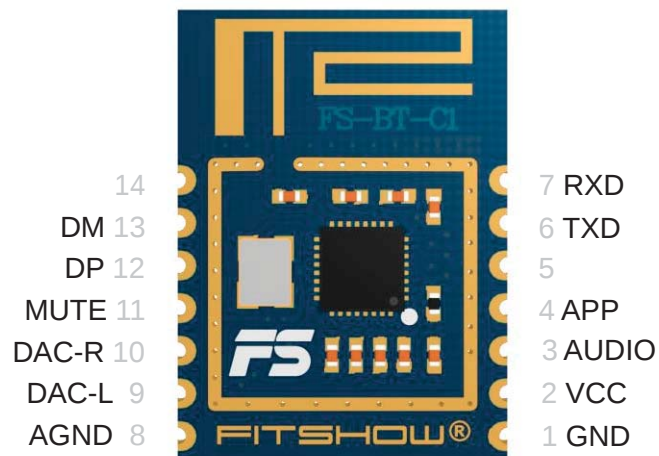
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Specification

2.1 Module Specification

BT Protocol	Bluetooth Specification V4.2
Frequency	2402 ~ 2480 MHz
Modulation	$\pi/4$ DQPSK ; GFSK(Gaussian Frequency Shift Keying)
RF Power	<1 dbm
Sensitivity	$\leq -84\text{dBm}$ at 0.1% BER
Support Services	Peripheral UUID FFF0、FTMS
Power Waste	20 ~ 40 mA
Working Temperature	-20 ~ 70 °C
Working Voltage	+3 ~ +5V
Driving Energy	Every IO < 8mA
Size	16 mm x 21 mm x 2 mm

2.2 Appearance and Interface



Interface Description:

PIN	NAME	FUNCTION
1	VCC	+3 ~ +5 V
2	GND	0V
3	AUDIO	Bluetooth Signal for Audio, Low Level Output for Bluetooth Connection for Audio
4	APP	APP connection signal, low level output when APP connection
5	TXD	Module Data Sending
6	RXD	Modular data reception
7	AGND	Audio analogue
8	DAC-L	Left channel audio output
9	DAC-R	Right channel audio output
10	MUTE	Low level output without sound
11	DP	USB DP
12	DM	USB DM

Contact Us

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FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT

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.

CAUTION:

*Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

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.

*RF exposure warning

The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment.
The equipment must not be co-located or operating in conjunction with any other antenna or transmitter.

*Information for the OEMs and Integrators :

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

The module can be used to installation in other host.

the transmitter module may not be colocated with any other transmit or antenna. The module shall be only used with the integral antenna(s) that has been originally tested and certified with this module. 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 requirement with this module installed (for example, digital device emission, PC peripheral requirements, etc.)

The final end product must be labeled in a visible area with the following: " Contains FCC ID: 2AUJE-FSBTC1 " .The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment. The equipment must not be co-located or operating in conjunction with any other antenna or transmitter.