E53-470FMS22S -TB User Manual



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Chengdu Ebyte Electronic Technology Co.,Ltd.

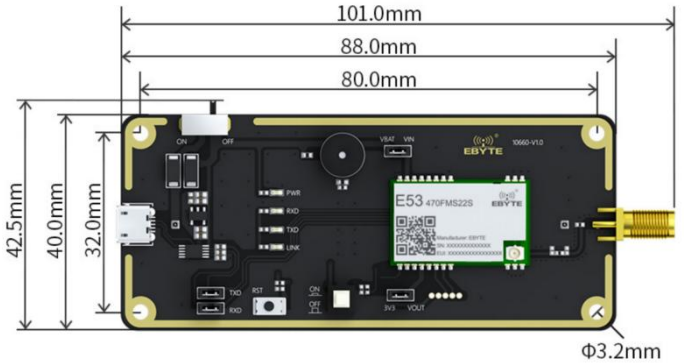
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1. Product introduction

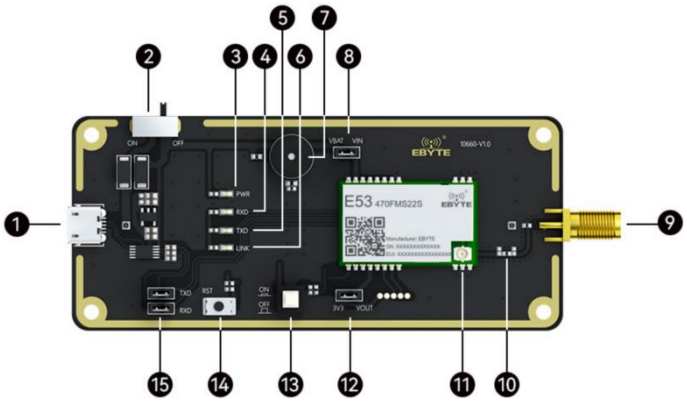


1) Used to test and develop Chengdu Ebyte E53-470FMS22S wireless module. The test kit has been pre-welded with the E53-470FMS22S module . Please refer to the module manual for detailed use.
2) With CH340X serial port chip, serial communication development can be directly carried out.
3) With micro USB interface, it can be directly plugged into the computer for use.
4) Users can access external power supply and serial port by themselves.
5) Comes with 18650 battery box, customers can install the battery by themselves to facilitate customer development and testing.
6) Stable work and easy to develop.

2. Instructions for use



Tolerance value: X.X±0.1mm



Serial number description:

①	Micro USB interface, USB to UART interface	②	battery power switch

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③	Power Indicator	④	RF receiving indicator light
⑤	RF transmit indicator light	⑥	Connection status indicator
⑦	Buzzer	⑧	Power jumper
⑨	SMA antenna base	⑩	0Ω resistor, used to switch the RF antenna interface connection. The default is the connected state, using the SMA antenna interface output. If the customer uses an IPEX antenna, this resistor needs to be removed.
⑪	IPEX antenna base	⑫	Module 3V3 output jumper, connect the LED light and reset button.
⑬	Self-locking button	⑭	Reset button
⑮	UART pin jumper		

For specific functions, please refer to the E53-470FMS22S module user manual .

3. Driver installation

Adopting CH340X The chip serves as a serial port . If the computer cannot recognize the serial port , please download and use the driver software provided by our company ; after installation, the serial port number can be identified in the device manager.

4. Technical support

During the development process, please actively contact our technical support. We only support our modules and do not include basic usage issues of the microcontroller.

About us

Technical support: support@cdebyte.com
Documents and RF Setting download link:https://www.cdebyte.com
Address： Innovation Center D347, 4# XI-XIN Road,Chengdu, Sichuan, China

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