E180-2G4Z20SX-TB User Manual



Chengdu Ebyte Electronic Technology Co.,Ltd.

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1. Product introduction



1. Used for testing and developing the Chengdu Ebyte E180-2G4Z20SX wireless module, E180-2G4Z20SX-TB has been pre welded with E180-2G4Z20SX, see details

Please refer to the module manual for detailed use.

2. Size: 28.5 * 24.6mm.

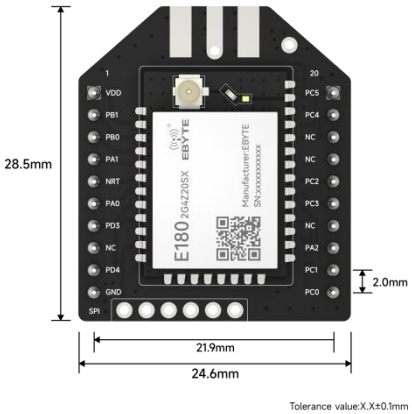
3. Users can connect to external power and serial ports on their own.

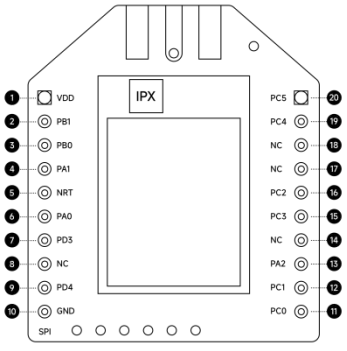
4. Stable work and easy development.

5. Adopting a 2.0mm spacing needle design for easy development and use.

6. Compatible with the XBEE3ZigBee3.0 series backplane..

2. Pin definition





Serial number description:

Pin serial number	Pin definition	Pin direction	Pin use
1	VDD	Input	Support 1.9-3.8 V power supply, and ≥ 3.3 V can guarantee output power
2	PB1	Output	Serial output pin, TXD

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3	PB0	Input	Serial receiving pin, RXD
4	PA1	Input/output	General GPIO port
5	NRT	Input	Reset pin, active low
6	PA0	Input/output	General GPIO port
7	PD3	Input/output	General GPIO port
8	NC	NC	-
9	PD4	Input	Wake-up pin, pull up internally, pull low to wake up dormant terminal
10	GND	Power source ground	Power source ground
11	PC0	Input/output	General GPIO port
12	PC1	Input/output	General GPIO port
13	PA2	Output	Device status indicator pin, high level means that the module is in wake state, and low level means sleep state.
14	NC	NC	-
15	PC3	Output	Network access indication pin, and the output high level indicates that the module is not connected to the network; Outputting high level at 2Hz frequency means that the module has been connected to the network (router); Outputting high level at 1Hz frequency means that the module has been connected to the network (coordinator); Output low indicates that the module is in sleep state.
16	PC2	Input/output	General GPIO port
17	NC	NC	-
18	NC	NC	-
19	PC4	Input/output	General GPIO port
20	PC5	Input/output	General GPIO port

Please refer to E180-2G4Z20SX module manual for specific functions.

3. Technical support

During the development process, please actively contact our technical support, we only support our modules, excluding the basic usage of MCU.

About us

Technical support: support@cdebyte.com
Documents and RF Setting download link: https://www.cdebyte.com
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