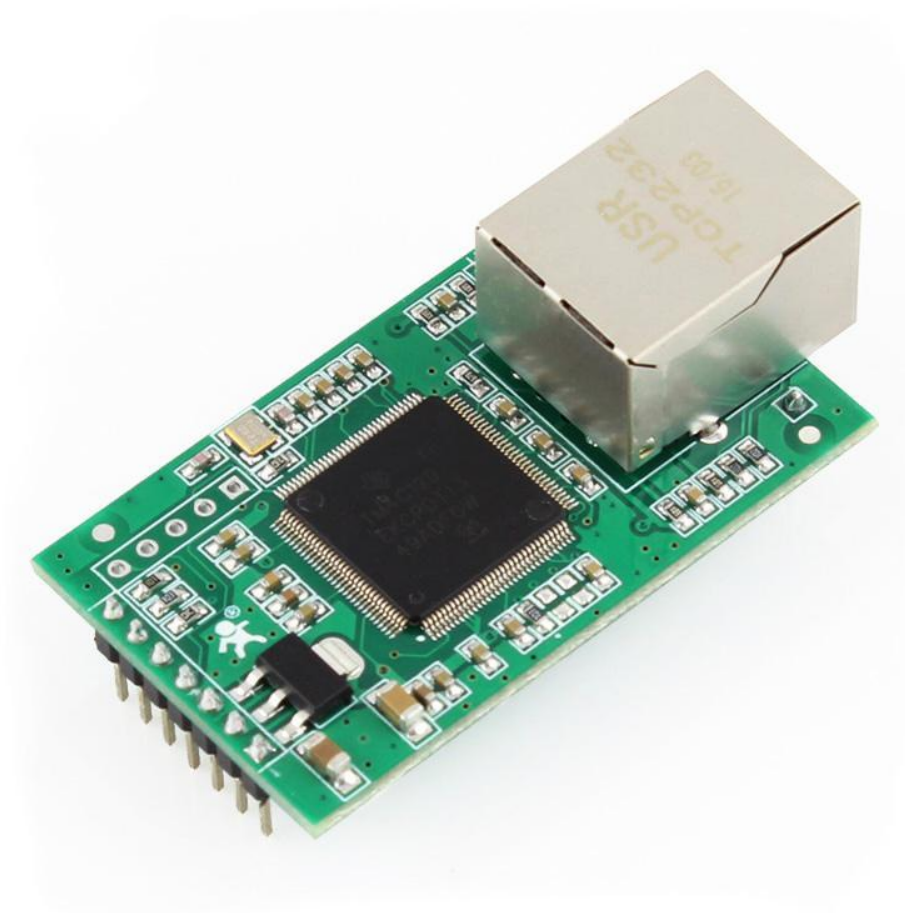


USR-TCP232-E2 Hardware Manual

File version: 1.0.0.01



Content

USR-TCP232-E2 Hardware Manual.....	1
1. Product Overview.....	3
1.1. Dimension.....	3
1.2. Encapsulation.....	3
1.3. Pin Definition.....	3
2. Hardware Design.....	5
2.1. Power Interface.....	5
2.2. UART Interface.....	5
3. Contact.....	6
4. Disclaimer.....	6
5. Update History.....	6

PIN	Name	Signal Type	Definition
1	VDD	P	5.0V power supply.
2	VCC	P	3.3V power supply.
3	GND	P	Power ground
4	RST	I	Resetting the module and taking effect in low level. Inputting low level for 200ms will reset the module. User can connect RST pin to MCU I/O to reset the module through MCU controlling when exceptions occur.
5	TXD0	O	Serial port 1 TX pin.
6	RXD0	I	Serial port 1 RX pin.
7	Reload	I	When module are working normally, user should make Reload pin not available or connect to high level. Inputting low level will enable configuring the module by serial port. User should power the module firstly, then pull down Reload pin to enter serial port configuration mode. When user uses Reload pin to restore the default settings, serial port can't have data transmission.
8	Work	O	Module work LED.
9	CTS0	I	Serial port 1 CTS pin. Flow control pin.
10	RTS0	O	Serial port 1 RTS pin. Flow control pin.
11	RXD1	I	Serial port 2 RX pin.
12	TXD1	O	Serial port 2 TX pin.

Figure 2 Pin definition

3. Contact

Company: Jinan USR IOT Technology Limited

Address: Floor 11, Building No.1, No.1166, Xinluo Street, Gaoxin District, Jinan city, Shandong province, 250101 China

Tel: 86-531-88826739

Web: www.usriot.com

Support: h.usriot.com

Email: sales@usr.cn

4. Disclaimer

This document provide the information of USR-TCP232-E2 products, it hasn't been granted any intellectual property license by forbidding speak or other ways either explicitly or implicitly. Except the duty declared in sales terms and conditions, we don't take any other responsibilities. We don't warrant the products sales and use explicitly or implicitly, including particular purpose merchant-ability and marketability, the tort liability of any other patent right, copyright, intellectual property right. We may modify specification and description at any time without prior notice.

5. Update History

2017-10-17 V1.0.0.01 created.