E15-USB-T2User Manual

CH340X USB to TTL adapter board



Chengdu Ebyte Electronic Technology Co.,Ltd.

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

Content

DISCLAIMER 2
1. MODULE INTRODUCTION 3
2. PIN DEFINITION 3
3. WORKING MODE 4
4. VOLTAGE SELECTION 6
5. PARAMETER CONFIGURATION 6
6. ABOUT US 7

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

Disclaimer

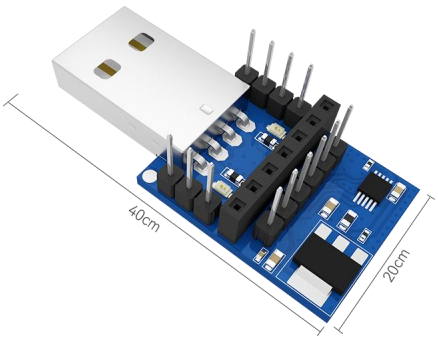
EBYTE reserves all rights to this document and the information contained herein. Products, names, logos and designs described herein may in whole or in part be subject to intellectual property rights. Reproduction, use, modification or disclosure to third parties of this document or any part thereof without the express permission of EBYTE is strictly prohibited.

The information contained herein is provided “as is” and EBYTE assumes no liability for the use of the information. No warranty, either express or implied, is given, including but not limited, with respect to the accuracy, correctness, reliability and fitness for a particular purpose of the information. This document may be revised by EBYTE at any time. For most recent documents, visit www.ebyte.com.

Copyright ©2012–2022 Chengdu Ebyte Electronic Technology Co.,Ltd.

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

1. Module Introduction

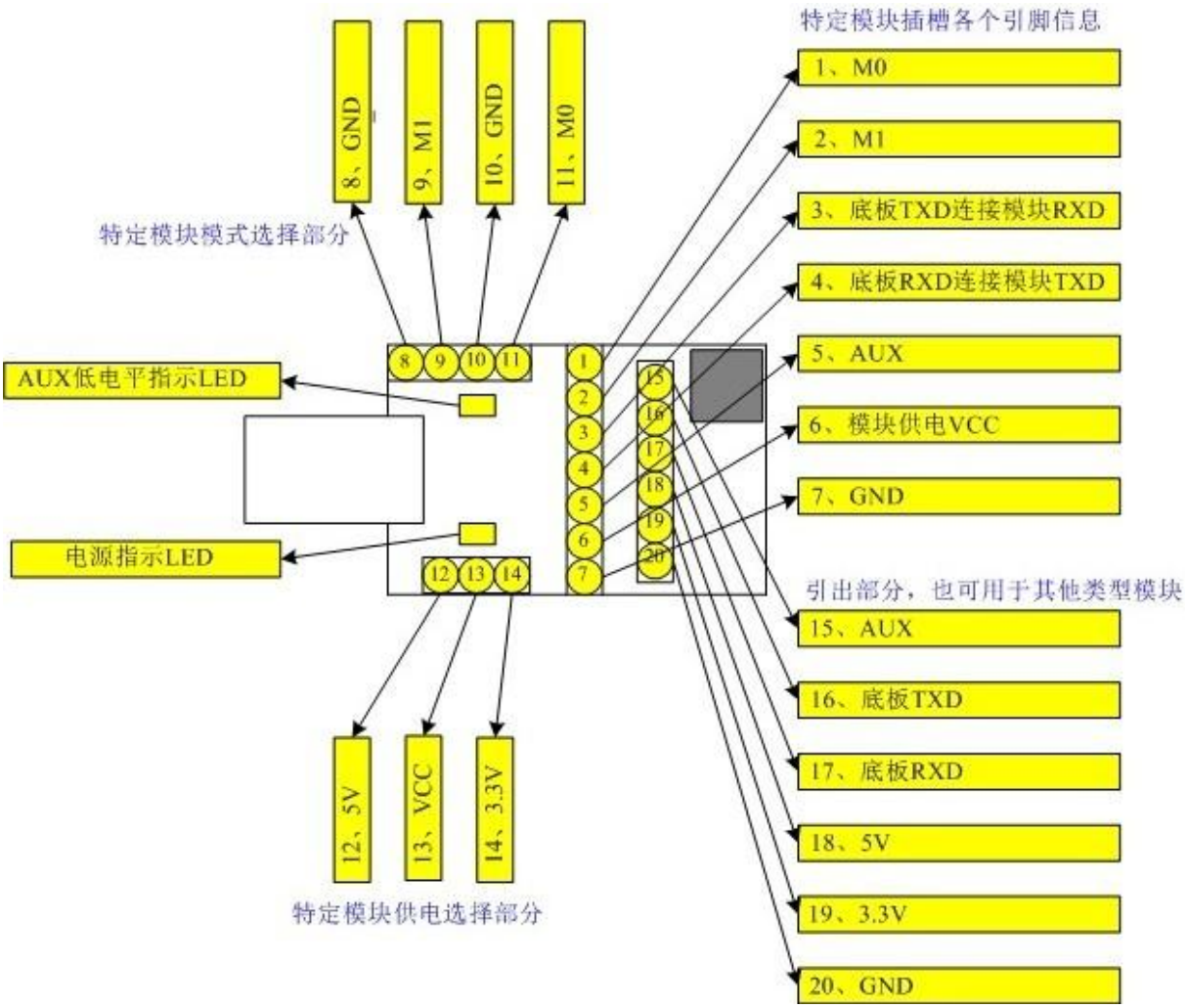


E15-USB-T2is a USB to UART interface conversion module based on CH340X chip solution developed by Chengdu Yibai Special Electronics Technology, mainly for our E22~E70 series wireless communication module embedded applications, and is equipped with ESD protection, support a variety of systems and a variety of baud rates, and the module is generally used to connect with the MCU. Module provides UART (TTL level) interface, this transparent transmission interface is greatly convenient for customers to use.

1. with the serial debugging assistant on the computer side can directly test the wireless serial communication.

2. with the parameter setting software software can be very convenient to configure the module parameters..

2. Pin Definition



Copyright ©2012–2022 Chengdu Ebyte Electronic Technology Co.,Ltd.

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

3. Working mode

According to the characteristics of the product used to customize the working mode of the control module, the following is an example of the four working modes of the E22 series products, explained by the pin M0, M1 settings, detailed instructions are shown below.

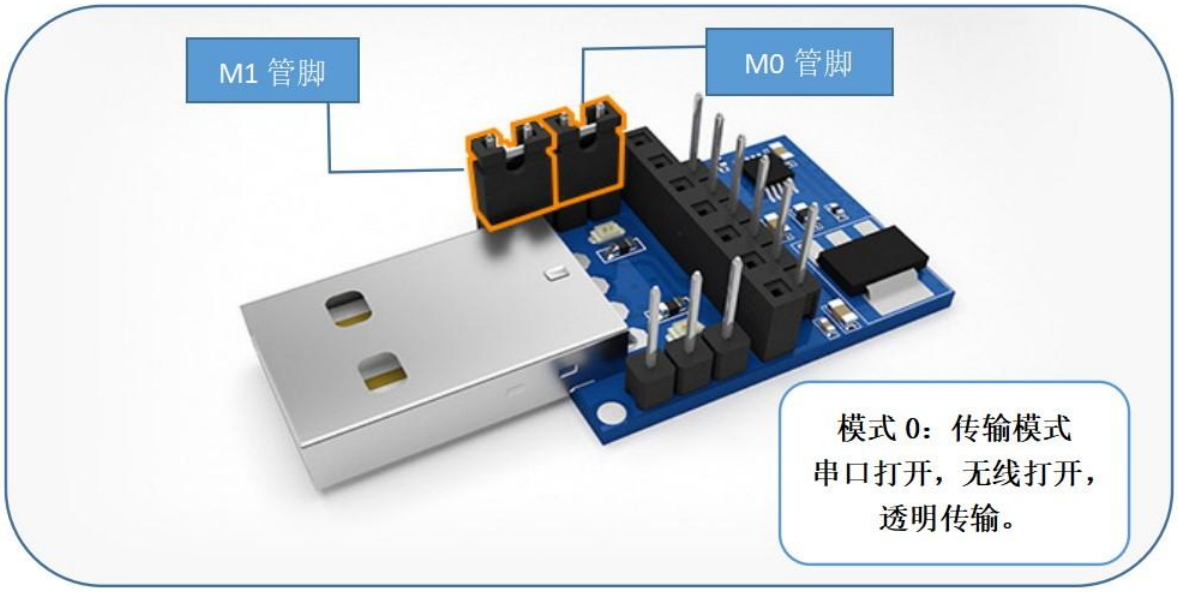


Figure 1: Mode 0

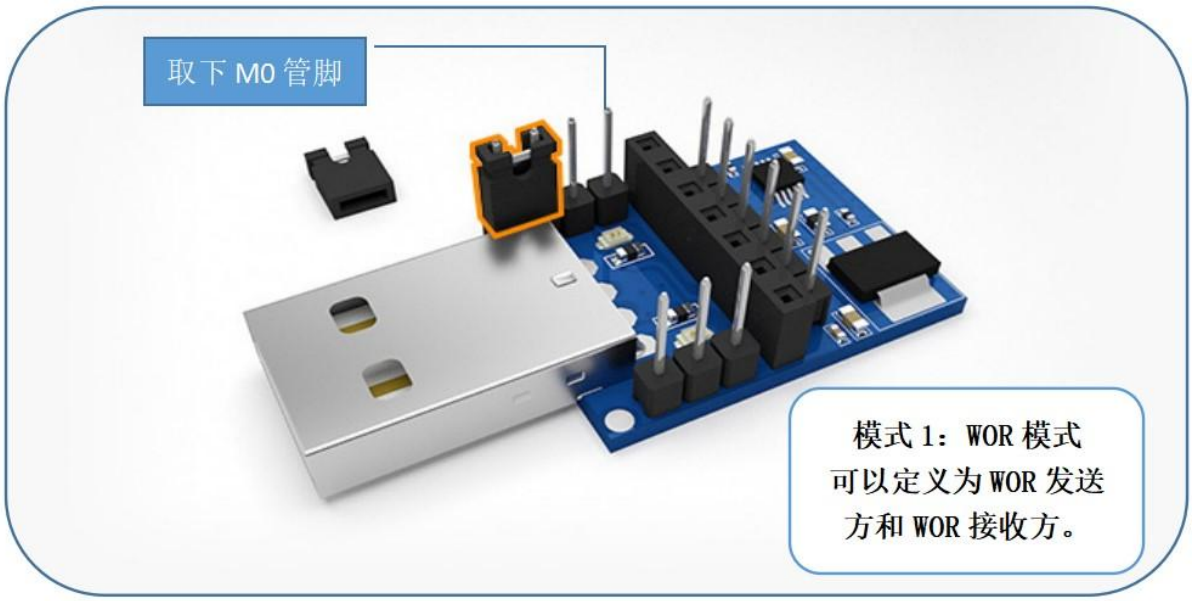


Figure2: Mode1

Copyright ©2012–2022 Chengdu Ebyte Electronic Technology Co.,Ltd.

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

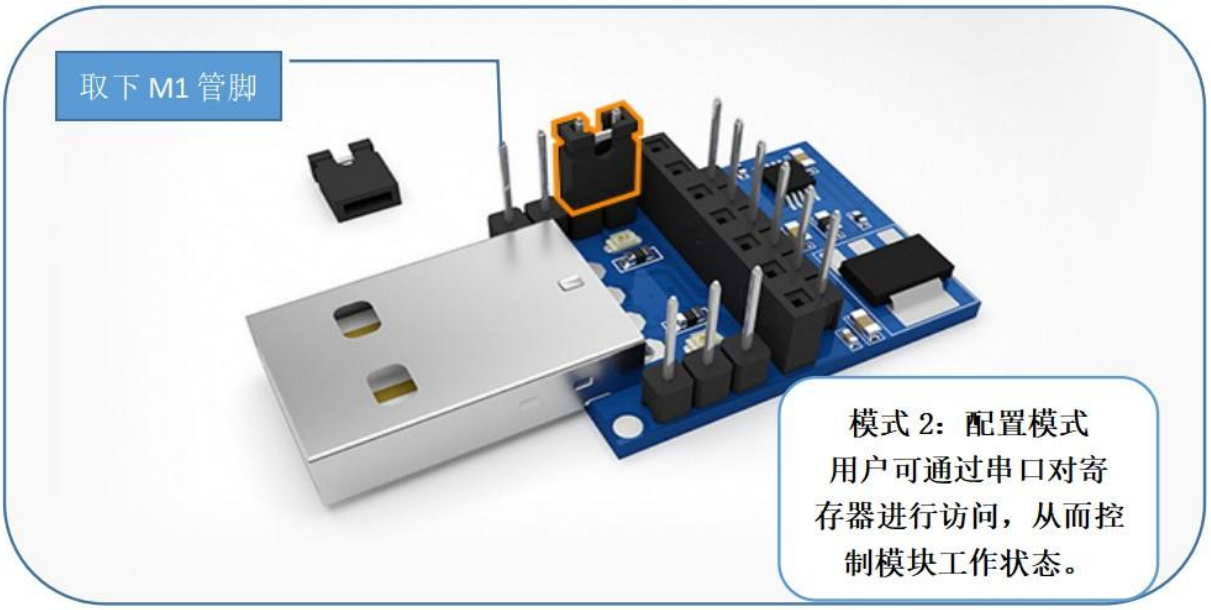


Figure3: Mode2



Figure4: Mode3

Copyright ©2012–2022 Chengdu Ebyte Electronic Technology Co.,Ltd.

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

4. Voltage Selection



5. Parameter Configuration

Steps	Operation	Detailed description
1	Install the driver	Please install the USB adapter driver (CH340X) in the package first.
2	Unplug the jumper	Unplug the jumper caps at M0 and M1 on the USB adapter board as shown below; choose either 3.3V or 5V for the power jumper caps.
3	Connect the module	Insert the module into the 7PIN holder of the adapter board with the antenna end outward; then plug the adapter board into the USB port of the computer.
4	Open the serial port	Open our parameter configuration software, select the corresponding serial port number and click "Open serial port".
5	Enter the interface	Click "Read module parameters", the interface is shown below.
6	Write parameters	If the reading fails, please check whether the module is in mode 3, or whether the adapter driver has been installed.
7	Complete the operation	If you need to change the corresponding configuration, please adjust the parameters to be modified; click "Write" button to write the new parameters to the module.
8	Command configuration	If you need to reconfigure the module, please click "Step 5"; if the configuration is finished, please click "Close Serial Port" and then remove the module.

Copyright ©2012–2022 Chengdu Ebyte Electronic Technology Co.,Ltd.

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000



6. About us

Technical support: support@cdebyte.com

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

Thank you for using Ebyte products! Please contact us with any questions or suggestions: info@cdebyte.com

---

Official hotline: 028-61399028 Sales Hotline ： 4000-330-990

Web: https://www.cdebyte.com

Address: Building B5, No.199 West Avenue, High-tech West District, Chengdu, Sichuan Province

Chengdu Ebyte Electronic Technology Co.,Ltd.

Copyright ©2012–2022 Chengdu Ebyte Electronic Technology Co.,Ltd.

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000