E42-400MBL-01

User Manual



Chengdu Ebyte Electronic Technology Co.,Ltd.

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

Content

DISCLAIMER 3
1. OVERVIEW 4
1.1 INTRODUCTION 4
1.2 DIMENSIONS, INTERFACE DESCRIPTION 5
2. QUICK DEMO 6
2.1 SIGNAL CABLE CONNECTION 6
REVISION HISTORY 6

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

Disclaimer

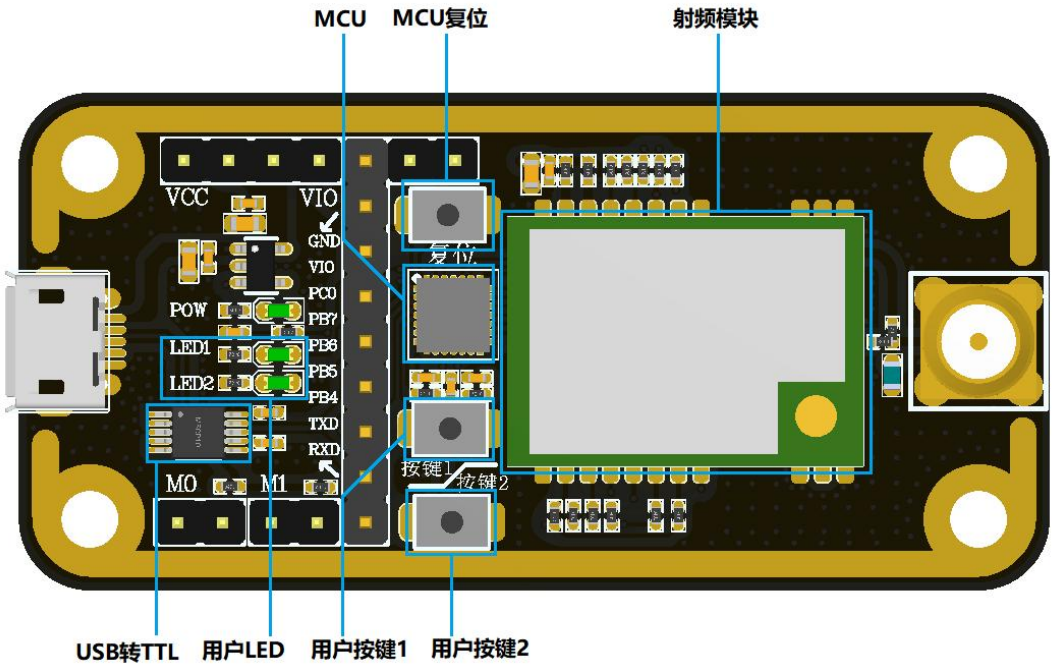
EBYTE reserves all rights to this document and the information contained herein. Products, names, logos and designs described herein may in whole or in part be subject to intellectual property rights. Reproduction, use, modification or disclosure to third parties of this document or any part thereof 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 ©2012–2024，Chengdu Ebyte Electronic Technology Co.,Ltd.

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

1. Overview



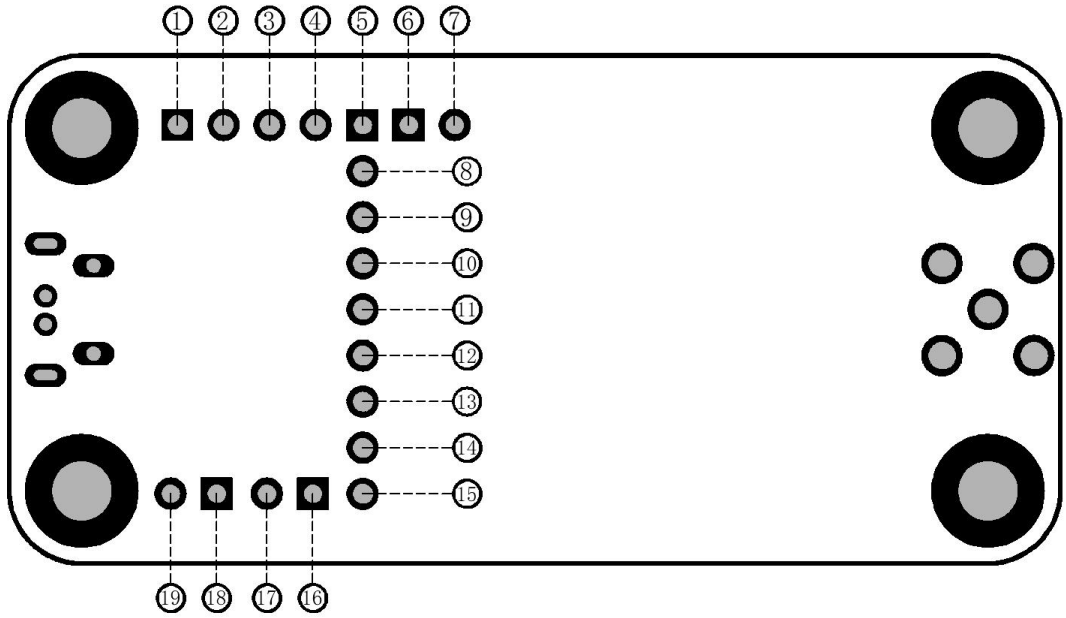
1.1 Introduction

The E42-400MBL-01 evaluation kit is designed to help users quickly evaluate the E42-400MBL-01 wireless module. Most of the pins on the board have been pinned out to both sides of the row of pins, allowing developers to easily connect a variety of peripheral devices through jumpers according to actual needs.

The kit provides complete software application examples to help customers quickly get started with wireless data communication development. For module functions, please refer to the E42-400M20S User's Manual.

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

1.2 Dimensions, Interface Description



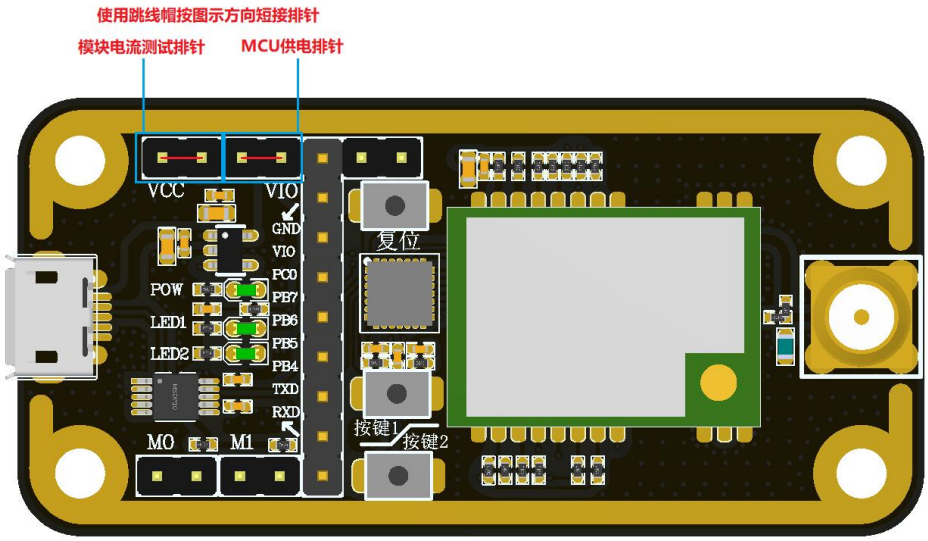
No	Definitions	Functions
1	VCC	Module power supply pin, need to be shorted to pin 2 to supply power to the module
2	3.3V	3.3V power supply pin
3	3.3V	3.3V power supply pin
4	VIO	MCU power supply pin, need to be shorted to pin 3 to supply power to MCU.
5	GND	Chassis reference ground
6	REST	MCU external reset pin
7	SWIM	MCU SWIM pin
8	VIO	MCU power supply pin
9	PC0	Module PDN pin
10	PB7	Module MISO pin
11	PB6	Module MOSI pin
12	PB5	Module SCLK Pin
13	PB4	Module CSN Pin
14	TXD	MCU Serial Port TXD
15	RXD	MCU Serial Port RXD
16	M1	No need for customer's attention
17	GND	Chassis Reference Ground
18	M0	No customer concern
19	GND	Chassis Reference Ground

Copyright ©2012–2024，Chengdu Ebyte Electronic Technology Co.,Ltd.

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

2. Quick Demo

2.1 Signal Cable Connection

	Item	Instruction
1	Power Jumper Cap	
2	ancillary	USB cable, antenna, PC, etc.

Revision history

Versions	Revision Date	Revision Notes	Maintaining people
1.0	2024-01-09	Initial Version	Bin

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

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

---

Address: B5 Mould Park, 199# Xiqu Ave, High-tech District, Sichuan, China

Chengdu Ebyte Electronic Technology Co.,Ltd.

Copyright ©2012–2024，Chengdu Ebyte Electronic Technology Co.,Ltd.

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