



標籤：MAX485 (<https://www.taiwaniot.com.tw/products-tag/max485/>),

RS-485 MODULE (<https://www.taiwaniot.com.tw/products-tag/rs-485-module/>), RS422 (<https://www.taiwaniot.com.tw/products-tag/rs422/>),

RS485 (<https://www.taiwaniot.com.tw/products-tag/rs485/>), ttl (<https://www.taiwaniot.com.tw/products-tag/ttl/>)

[商品說明](#)[評論 \(0\)](#)[交流討論](#)

商品說明

TTL 轉 RS485/RS422 模組 MAX485 Module Arduino 可用 TTL 轉 RS-485 可雙向,半雙工,多節點傳輸

採用原裝的MAX485收發晶片。實現UART串口與RS485的信號轉換，實現半雙工RS485傳輸，傳輸速率可達10M。供電電壓3.3V，兼容5V邏輯電平。RS485接口，具有短路保護功能，適應-7v至+12v電壓。可以掛32個終端節點發送、接收開始使用RTS信號控制，或者FT232RL的TXDEN信號控制。可選購FT232RL模組，可以組成性能穩定的USB轉RS485模組！

1. 板載MAX485芯片，是一款用於RS-485通信的低功耗、限擺率收發器
2. 板載接5.08(mm)間距2P接線柱，方便RS-485通信接線
3. 芯片全部引腳已經引出，可以通過單片機控制操作
4. 工作電壓：5V
5. 板子尺寸：46(mm)x12(mm)

MAX485 Module RS-485 MODULE, TTL TO RS-485 5V



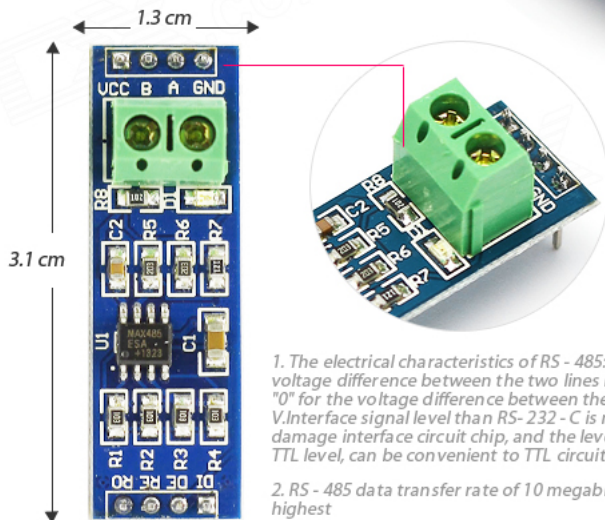
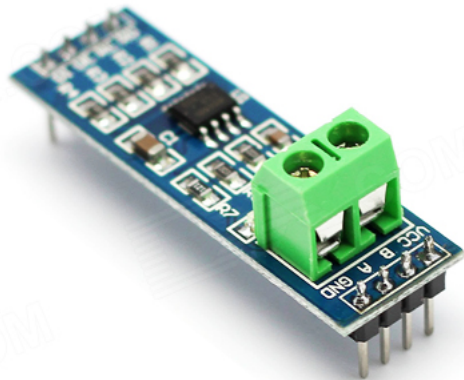
RS 485

TTL to RS485 Module for Arduino

•MX485 chip is a low power consumption for RS-485 communication, limit the slew rate transceiver

•Then 5.08 (mm) pitch 2P terminal, convenient RS-485 communication wiring

•Because of RS - 485 interface has good noise resistance, the advantages such as long transmission distance and multistation ability makes it the first choice of the serial interface.

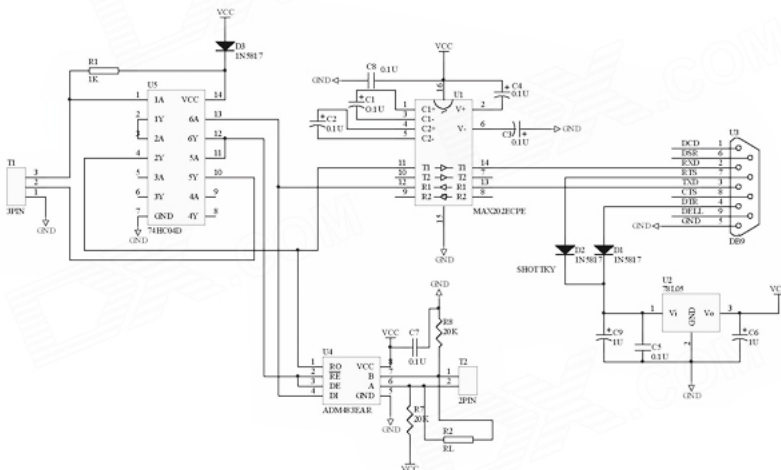


1. The electrical characteristics of RS - 485: logic "1" to the voltage difference between the two lines is $+V(2, 6)$; Logic "0" for the voltage difference between the two lines $-(2-6)V$. Interface signal level than RS-232 - C is reduced, easy damage interface circuit chip, and the level compatible with TTL level, can be convenient to TTL circuit connection.

2. RS - 485 data transfer rate of 10 megabits per second highest

3. The RS - 485 interface is the combination of using balance driver and differential receiver, enhanced ability to resist common mode of dry, good resistance to noise.

4. RS - 485 standard interface of maximum transmission distance is 4000 feet, in fact is up to 3000 meters, in addition the RS - 232 - C interface on the bus only allowed to connect a transceiver, namely single station capacity.while.



*Product Name : MAX485 Module;

*Working Voltage : 5V

*PCB Board Size : 44 x 14mm (L*W)

*Material : Electronic Components, Plastic

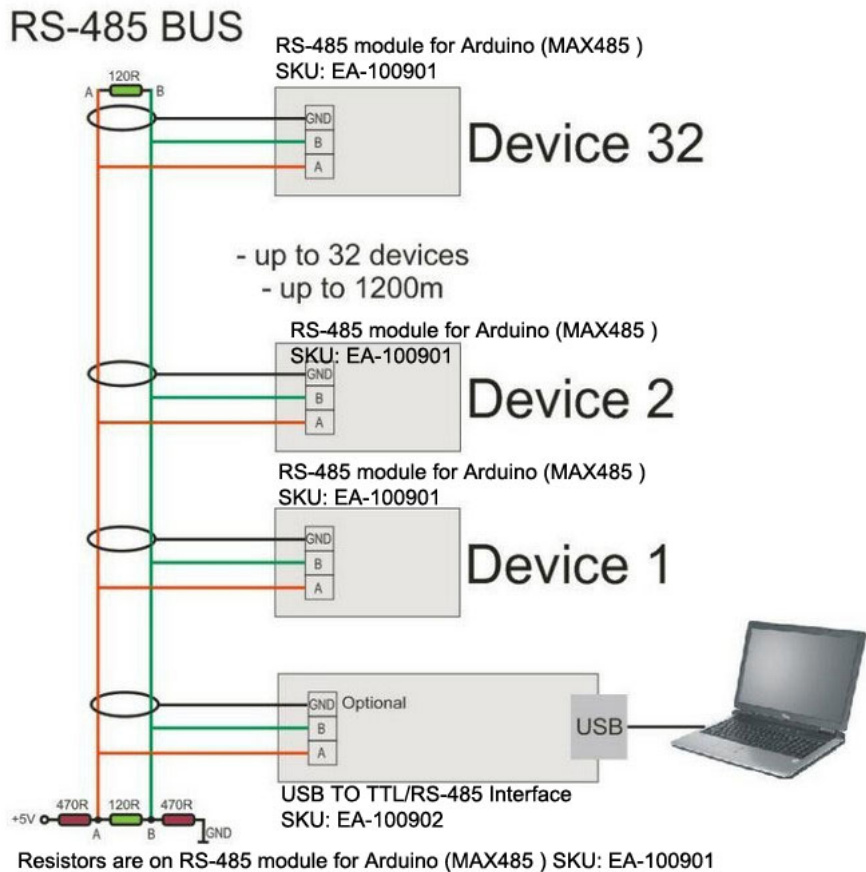
*Net Weight : 6g

Feature:

*MAX485 chip is a low power consumption for RS-485 communication, limit the slew rate transceiver.

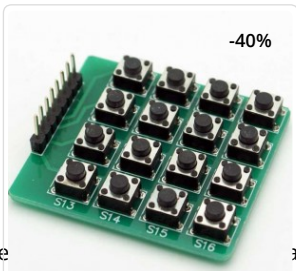
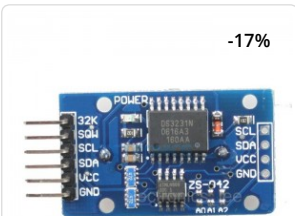
*Then 5.08 (mm) pitch 2P terminal, convenient RS-485 communication wiring.

*Chip leads all pins can be controlled through the microcontroller.



更多關於 MAX485 Module 模組搭配 Arduino 與 plc 的應用 <https://program-plc.blogspot.tw/2015/11/plc-modbus-master-arduino-modbus-slave.html> (<https://program-plc.blogspot.tw/2015/11/plc-modbus-master-arduino-modbus-slave.html>)

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Email 信箱: service@taiwaniot.com (mailto:service@taiwaniot.com)

公司營業時間: 週一至週五 09:00 ~ 17:30 (例假日休息)

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顯示詳細地圖



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(<https://www.taiwaniot.com.tw/%e7%89%a9%e8%81%af%e7%b6%b2%e6%96%b0%e8%81%9e/%e9%9b%bb%e4%bf%a1%e4%b8%89%e9%9b%84%e5%8a%9%e5%8f%b0%e7%81%a3%e7%89%a9%e8%81%af%e7%b6%b2%e6%9c%8d%e5%8b%99%e9%b3%b4%e6%a7%8d%e8%b5%b7%e8%b7%91/>)

2017-08-24

(<https://www.taiwaniot.com.tw/news/microbit-%e5%85%a8%e7%90%83%e9%96%8b%e8%b3%a3%ef%bc%81-bbc%e5%be%ae%e5%9e%8b%e9%9b%bb%e8%85%a6-microbit-%e8%ae%93%e6%af%8f%e5%80%8b%e5%b0%8f%e6%9c%8b%e5%8f%8b%e9%83%bd%e5%8f%af%e4%bb%a5%e7%95%b6/>)

Micro:bit 全球開賣！BBC微型電腦 Micro:bit 讓每個小朋友都可以當程式開發者 (<https://www.taiwaniot.com.tw/news/microbit-%e5%85%a8%e7%90%83%e9%96%8b%e8%b3%a3%ef%bc%81-bbc%e5%be%ae%e5%9e%8b%e9%9b%bb%e8%85%a6-microbit-%e8%ae%93%e6%af%8f%e5%80%8b%e5%b0%8f%e6%9c%8b%e5%8f%8b%e9%83%bd%e5%8f%af%e4%bb%a5%e7%95%b6/>)

2017-07-06

(<https://www.taiwaniot.com.tw/%e5%89%b5%e5%ae%a2%e5%b0%88%e6%a1%88%e5%b0%8e%e8%a6%bd/%e8%81%af%e7%99%bc%e7%a7%91-linkit-%e7%b3%bb%e5%88%97%e9%96%8b%e7%99%bc%e6%9d%bf/linkit-7697-blocklyduino/>)

LinkIt 7697 BlocklyDuino 使用指南

(<https://www.taiwaniot.com.tw/%e5%89%b5%e5%ae%a2%e5%b0%88%e6%a1%88%e5%b0%8e%e8%a6%bd/%e8%81%af%e7%99%bc%e7%a7%91-linkit-%e7%b3%bb%e5%88%97%e9%96%8b%e7%99%bc%e6%9d%bf/linkit-7697-blocklyduino/>)

2017-07-05

(<https://www.taiwaniot.com.tw/news/arduino-%e4%bd%bf%e7%94%a8-nordic-nrf52832-soc%e7%9a%84arduino-primo-%e9%96%8b%e7%99%bc%e6%9d%bf/>)

Arduino 使用 Nordic nRF52832 SoC 的Arduino Primo 開發板 (<https://www.taiwaniot.com.tw/news/arduino-%e4%bd%bf%e7%94%a8-nordic-nrf52832-soc%e7%9a%84arduino-primo-%e9%96%8b%e7%99%bc%e6%9d%bf/>)

2017-06-27

(<https://www.taiwaniot.com.tw/%e6%8a%80%e8%a1%93%e6%96%87%e4%bb%b6/arduino-%e6%8a%80%e8%a1%93%e6%96%87%e4%bb%b6/%e4%bd%bf%e7%94%a8arduino-%e8%bb%9f%e4%bb%b6-ide-%e9%96%8b%e7%99%bc-esp8266-wemos-d1-r2/>)

使用Arduino 軟件/ IDE 開發 ESP8266 WeMos D1 R2 (<https://www.taiwaniot.com.tw/%e6%8a%80%e8%a1%93%e6%96%87%e4%bb%b6/arduino-%e6%8a%80%e8%a1%93%e6%96%87%e4%bb%b6/%e4%bd%bf%e7%94%a8arduino-%e8%bb%9f%e4%bb%b6-ide-%e9%96%8b%e7%99%bc-esp8266-wemos-d1-r2/>)

2017-05-19

熱門查詢商品

18650 (<https://www.taiwaniot.com.tw/products-tag/18650/>)

arduino (<https://www.taiwaniot.com.tw/products-tag/arduino/>)

Arduino UNO R3 (<https://www.taiwaniot.com.tw/products-tag/arduino-uno-r3/>)

arm (<https://www.taiwaniot.com.tw/products-tag/arm/>)

ESP8266 (<https://www.taiwaniot.com.tw/products-tag/esp8266/>)

Grove (<https://www.taiwaniot.com.tw/products-tag/grove/>)

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i2c (<https://www.taiwaniot.com.tw/products-tag/i2c/>)

linkit (<https://www.taiwaniot.com.tw/products-tag/linkit/>)

Raspberry Pi (<https://www.taiwaniot.com.tw/products-tag/raspberry-pi/>)

SparkFun 台灣代理商 線上購買 Sparkfun 電子零件 (<https://www.taiwaniot.com.tw/products-tag/sparkfun/>)

UART (<https://www.taiwaniot.com.tw/products-tag/uart/>)

WeMos (<https://www.taiwaniot.com.tw/products-tag/wemos/>)

wifi (<https://www.taiwaniot.com.tw/products-tag/wifi/>)

繼電器 (<https://www.taiwaniot.com.tw/products-tag/%e7%b9%bc%e9%9b%bb%e5%99%a8/>)

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