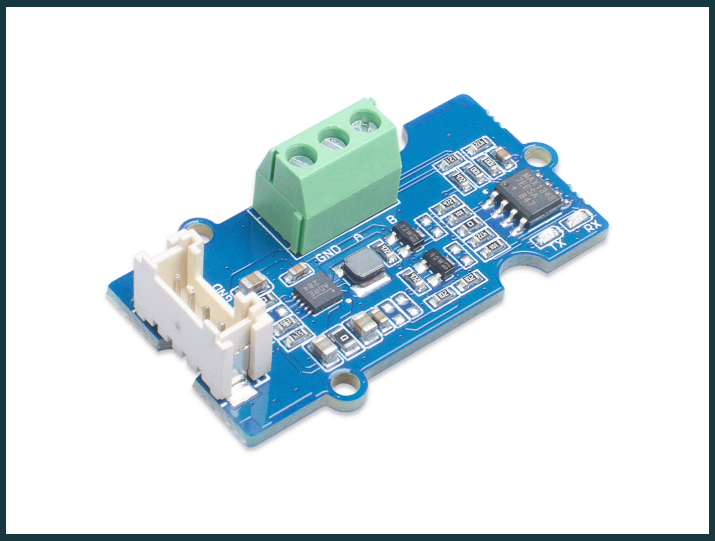
seeed studio

INDUSTRIAL PRODUCT DATASHEET

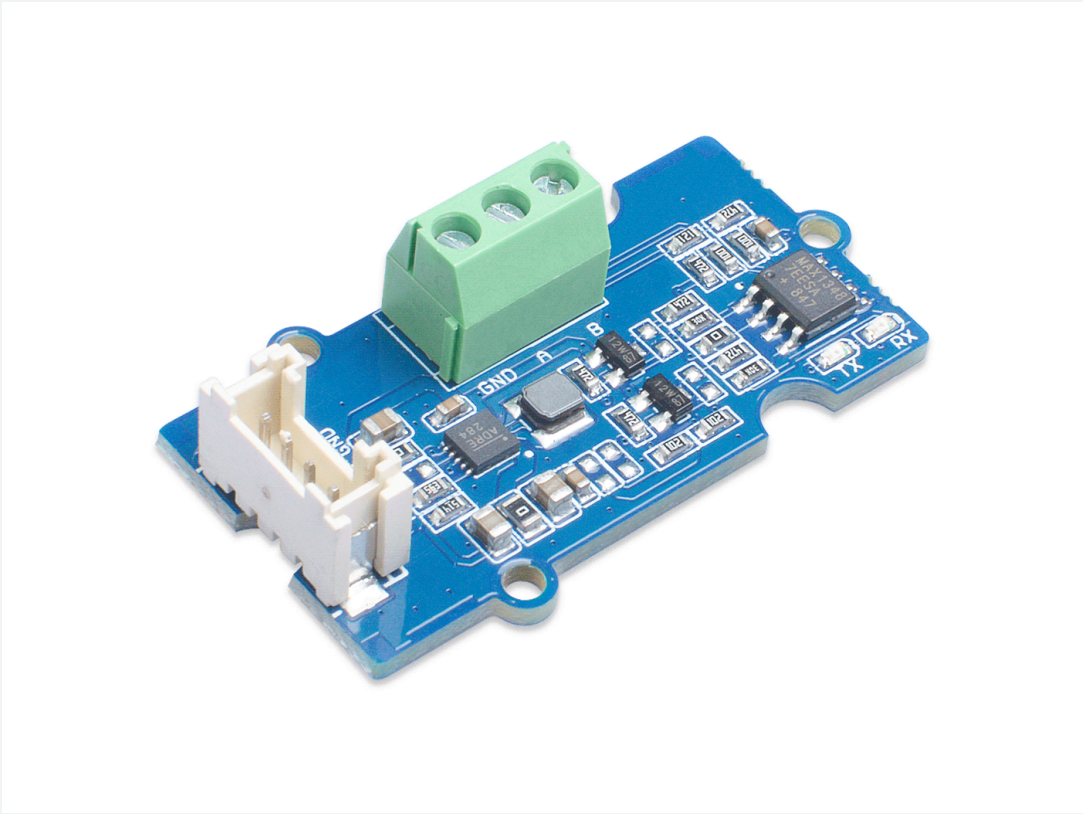
Grove - RS485

The Grove RS-485 allows your Arduino connect with RS-485 device easily, you just need to plug and play.

SKU	UPDATED	PRICE
103020193	2026-11-11 08:17:57	$5.59(Excl. VAT)



Overview



The Grove RS-485 allows your Arduino connect with RS-485 device easily, you just need to plug and play. RS485 is cost-effective solution in serial communication, it can be used to data rate at 10Mbit/s or distance up to 1200m at lower speed.

Key Features

01 **Supply voltage**

3.3V/5V

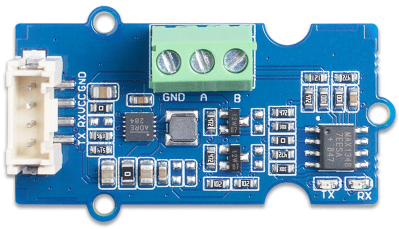
02 **Interface**

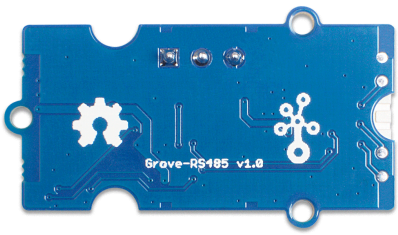
UART

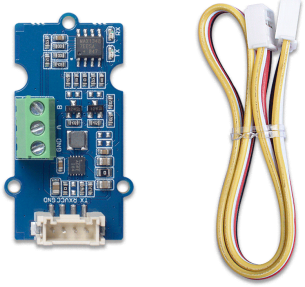
03 **Data Signaling Rate**

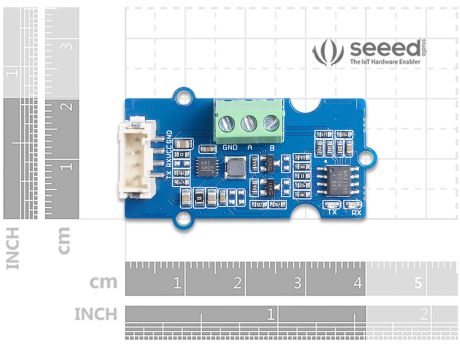
Up to 10Mbit/s

Product Gallery

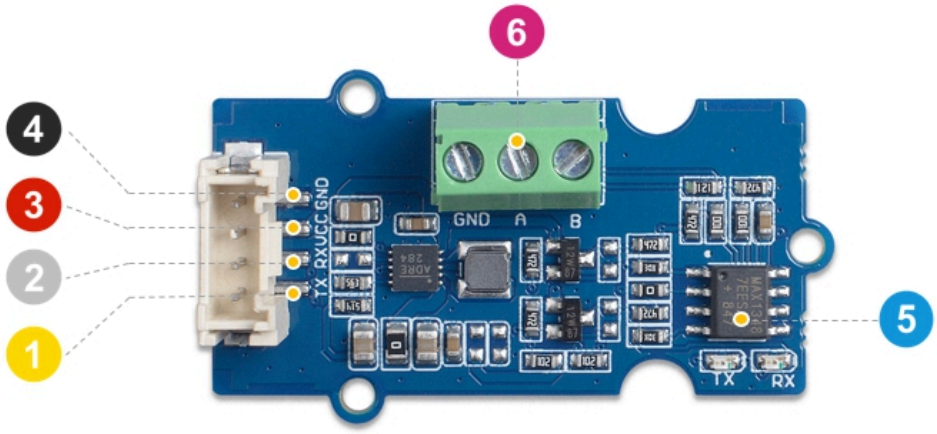








Hardware Overview



4 GND: connect this module to the system GND
3 VCC: you can use 5V or 3.3V for this module
2 RX: UART data reception
1 TX: UART data UART transmission
5 Max13487E IC
6 RS-485 Screw Terminal Interface

Resource Links

- https://www.seeedstudio.com/Grove-RS485-p-2924.html
- Grove - RS485 Schematic file
- Max13478E Datasheet

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