

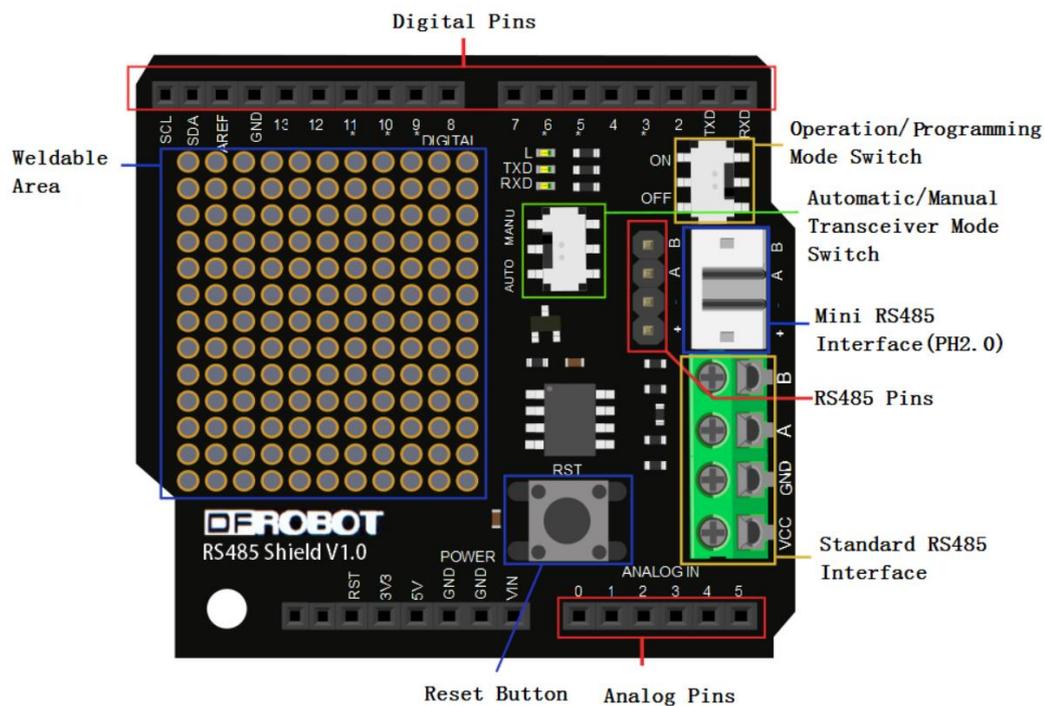
Arduino RS485 Shield SKU DFR0259

This is an Arduino RS485 shield, especially designed for the Arduino controller board. It can easily convert the UART to the RS485. This shield integrates a standard RS485 port ,a mini RS485 port(PH2.0 interface), RS485 headers, and provides the welding areas, so it's convenient for your DIY design. One key changes automatic and manual transmission mode, which expand the scope of application

Specification

- Power module: +5.0V
- Module size: 55mmx53mm
- 16 digital IO port (including a I2C interface)
- 6 analog IO port and power
- Operation/programming mode switch
- Automatic/manual transceiver mode switch (When in manual transceiver mode, the enable end is the 2nd digital IO port)
- Transceiver indicating LED
- Standard RS485 interface, mini RS485 interface(PH2.0) and RS485 pins
- Weldable area
- Reset button

Pin Definition



Operation and programming mode switch: To OFF, you can download the program for the Arduino controller. To ON , the shield will convert the UART to the RS485. Transceiver mode switch: To AUTO, the shield is automatically sending and receiving data, so you do not care about operation timing; To MANU, the shield is in manual transceiver status, and the enable end is the 2nd digital IO port. Enabling high-side power Ping to sending state while the low level of the receiving state.