

Instructions

- This module supports wide voltage DC 3.3V-24V power supply, and the TTL signal interface is compatible with 3.3 V TTL and 5 V TTL, and provides the interface voltage and current protection function.
- TTL terminal default welding XH2.54-4P socket, design reserved PH2.0-4P welding hole. If necessary, welding PH2.0-4P contact customer service for customization.

Purpose

1. The TTL serial port of MCU, ARM, FPGA and Arduino to communicate with RS232 level equipment
- 2, mobile phone brush, XBOX360 brush, GPS, electronic compass, car detection, DVD brush, hard disk maintenance, set top box upgrade (to achieve this part of the function requires the buyer has the relevant brush ability, the store customer service staff will not brush machine operation)
3. Serial port expansion of the equipment
4. Communicate with RS232 port of computer PC

Directions

(Take MCU as an example to explain how each pin is connected)

TTL (UART) direction:

VCC: connected to DC 3.3V-24 V

GND: connected to GND

TXD: MCU.RX (signal flow direction: MCU.RX << SP3232 << RS232.TX)

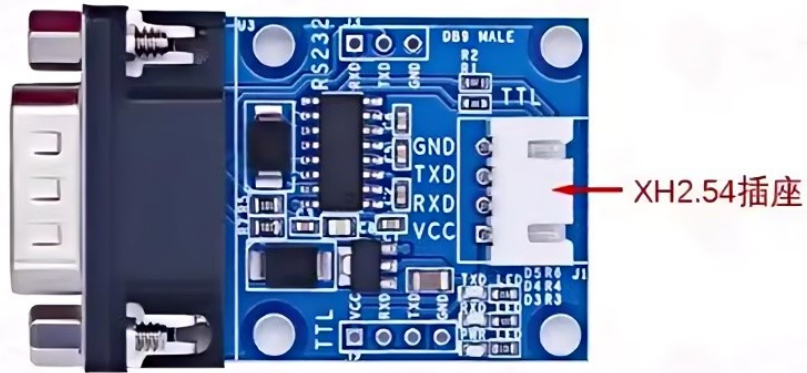
RXD: MCU.TX (signal flow direction: MCU.TX >> SP3232 >>

RS232.RX) RS232 direction:

RXD: connected to RS232.TX (signal flow direction: RS232.TX >> SP3232 >> MCU.RX)

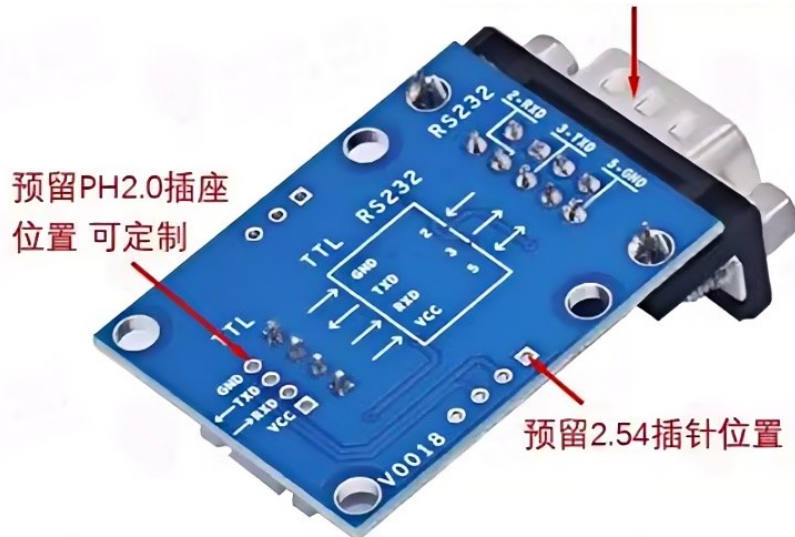
TXD: connected to RS232.RX (signal flow direction: RS232.RX << SP3232 << MCU.TX)

GND: connected to RS 232. GND

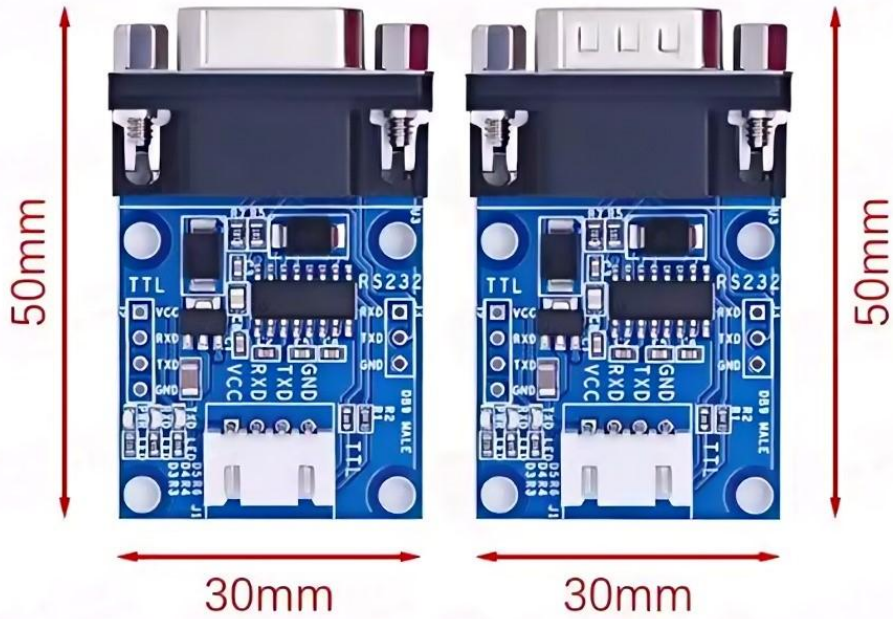


Support 3.3V, 5V, 12V, 24V power supply(can be 3.3-24V)
transient suppression diode protection, over current resistance
protection

DB9 divides into male head
needle and female head hole



Dimension



Weight : 14.7g

Weight : 14g

