TTL to RS485 Module

Description

This module enables bidirectional conversion between TTL signals and RS485 signals.

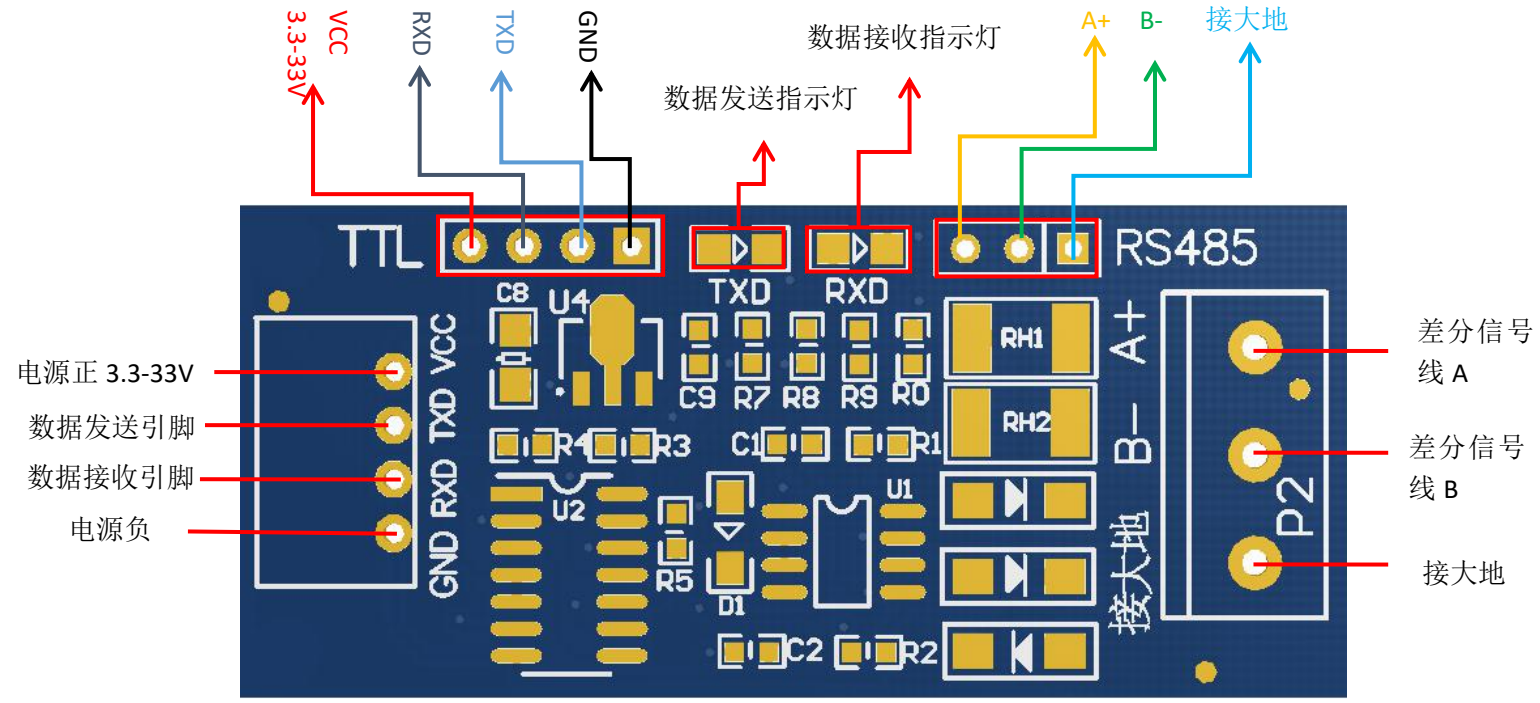
1. Specifications

- Supply Voltage: 3～30V, max 33V. Recommended operating voltage ≤30V; minimum input voltage >2.8V
- Operating Temperature: -40℃ ～ 85℃
- Baud Rate: 110 ~ 256000 bps
- Compatible with 3.3V and 5V signal levels
- Standard 2.54mm pitch pin header
- RXD and TXD signal indicator LEDs
- Built-in 120Ω termination resistor. Short R0 to enable the resistor, which is recommended for long-distance transmission.

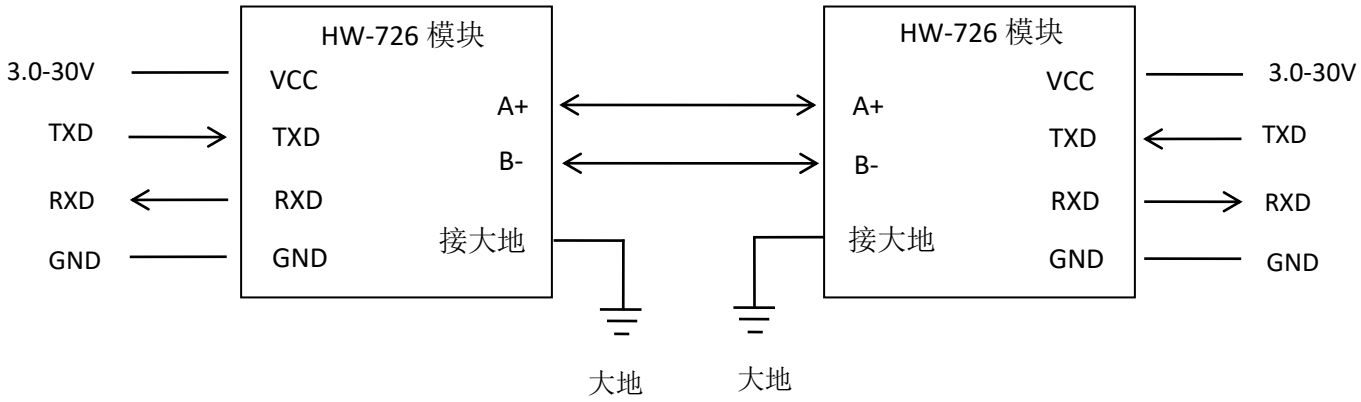
2. Important Notes

1. Wire according to the diagram. Wrong wiring is prohibited.
2. The parameters in this document are valid at the time of compilation. Specifications are subject to change without prior notice.
3. Hot-swap operation is not allowed.

3. Functional Diagram



4. Wiring Reference



5. Picture & Specifications

