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FAQ

Question: Using the RS232 Board, the sending and receiving ends are short-circuited, and there is no way to perform a loopback test using the serial port debugging?

Answer:

VCC, GND need external power supply, 3V-5.5V.

Question: Using the RS232 Board, can the loopback test be performed but no data is received when connected to the MCU?

Answer:

Note the following connections:

RxOUT: connect to MCU.RX (signal flow: MCU.RX << SP3232 << PC.TX)

TxIN: connect to MCU.TX (signal flow: MCU.TX >> SP3232 >> PC.RX)

Simply put, if the traditional RxOUT is connected to the TXD, and the TxIN is connected to the RXD and cannot be used, try switching it. That is, RxOUT is connected to RXD, and TxIN is connected to TXD.