

WIFI400 User Manual

Product overview:

WIFI400 is a mother board designed for WiFi module WIFI-LPT100.

1. Test LPT100 by computer

- 1) Connect a LPT100 module to the WIFI400 mother board.
- 2) Jumper setting: Connect the jumper between CPTX and WFRX, Connect the jumper between CPRX and WFTX.

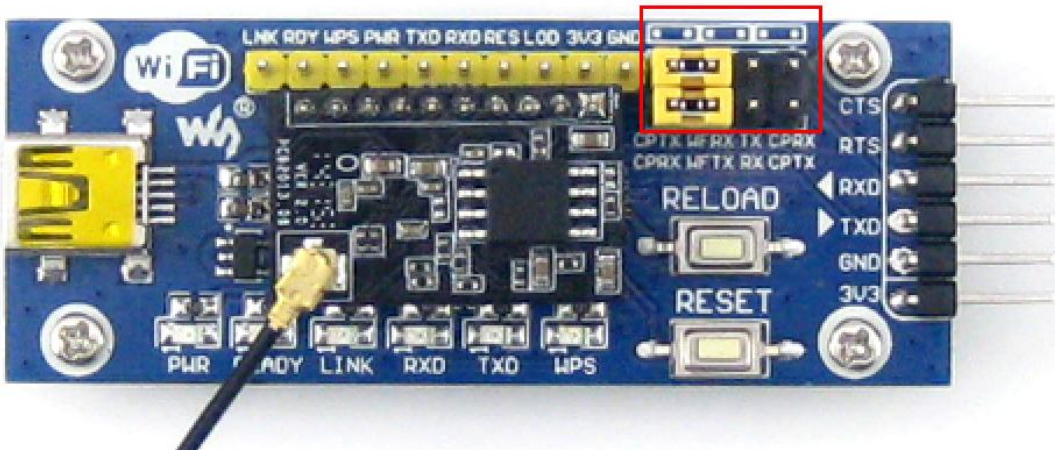


Figure 1. Jumper setting

- 3) Connect the module to computer via USB, wait a second until READY LED light up.
- 4) Turn on computer's WiFi connection, view wireless network (click a ladder-shaped icon on the system tray), choose and connect WIFI-LPT100.

WIFI_LPT100



Figure 2. Connect WIFI-LPT100

- 5) Install and start software TCP232. Select the corresponding serial port(COM), default Baud rate: 115200. Click .
- 6) NetSetting: Select Protocol -> TCP Client, and set Server IP -> 10.10.100.254, Server Port -> 8899. Then click .
- 7) When Click on the left side, the window on the top-right will show the message from bottom-left. When Click on the right side, the window on the top-left will show the message from bottom-right.

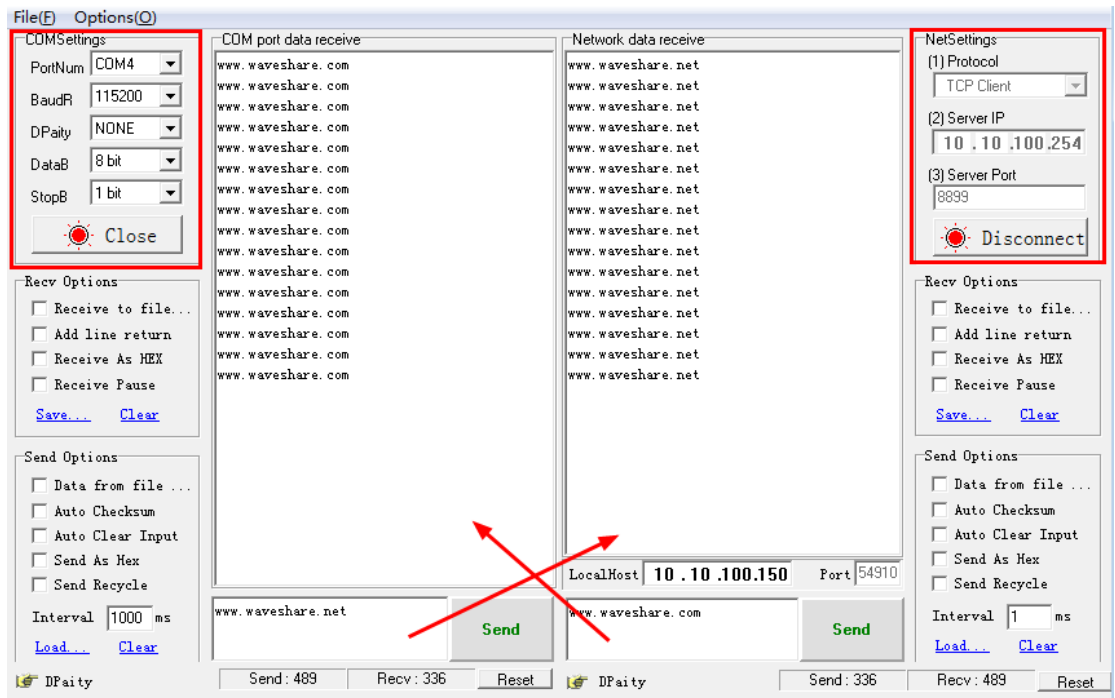


Figure 3 . TCP232 setting

2. Test LPT100 by MCU

- 1) Jumper setting: Connect the jumper between WFRX and TX, Connect the jumper between WFTX and RX.

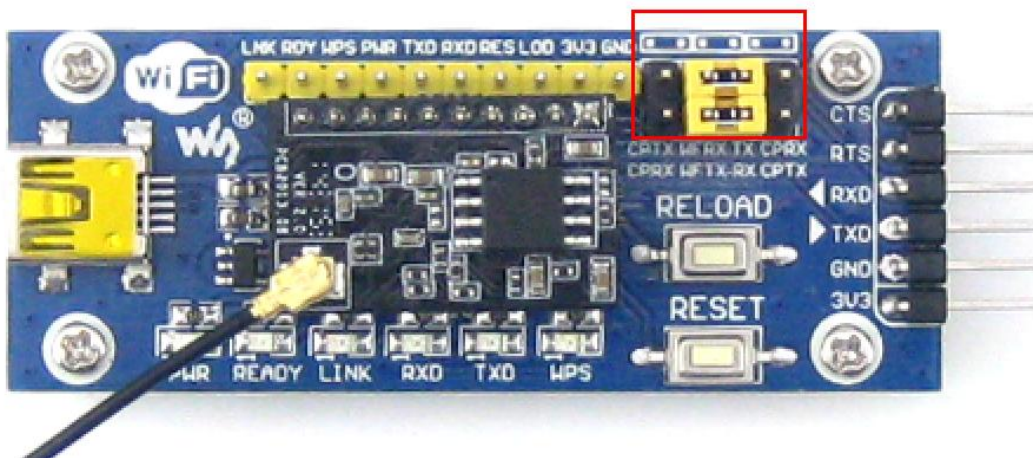


Figure 4. Jumper setting

- 2) MCU communicate with LPT100 via pin header.

3. Configure WiFi400 to USB UART module

- Jumper setting: Connect the jumper between TX and CPRX, Connect the jumper between RX and CPTX.

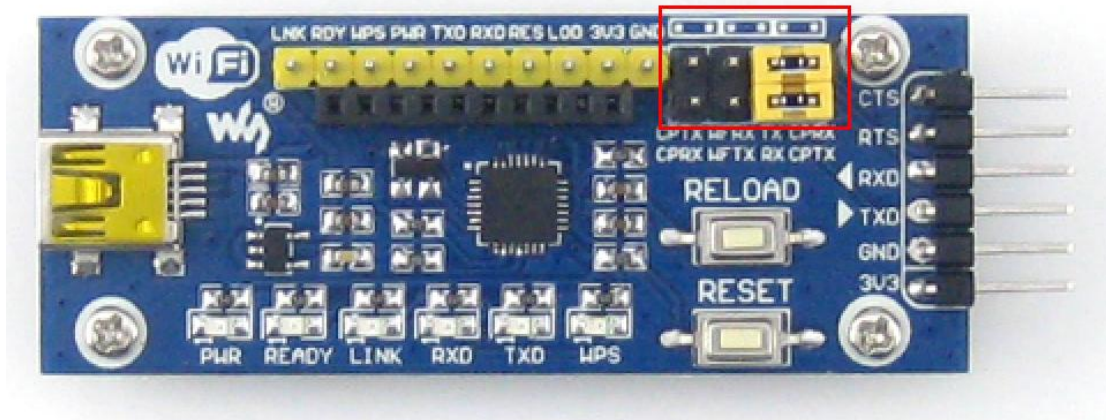


Figure 5. Jumper setting