

## WIFI-LPB100-A/B Eval Kit User Manual

### Product overview:

WIFI-LPB100-A/B Eval Kit is a WiFi module evaluation kit designed for the WiFi module WIFI-LPB100- A/B .

### 1. Test WIFI-LPB100-A/B Eval Kit by computer

- 1) Jumper setting: Connect the jumper between CPTX and WFRX, CPRX and WFTX, CTS and WFRTS, RTS and WFCTS.

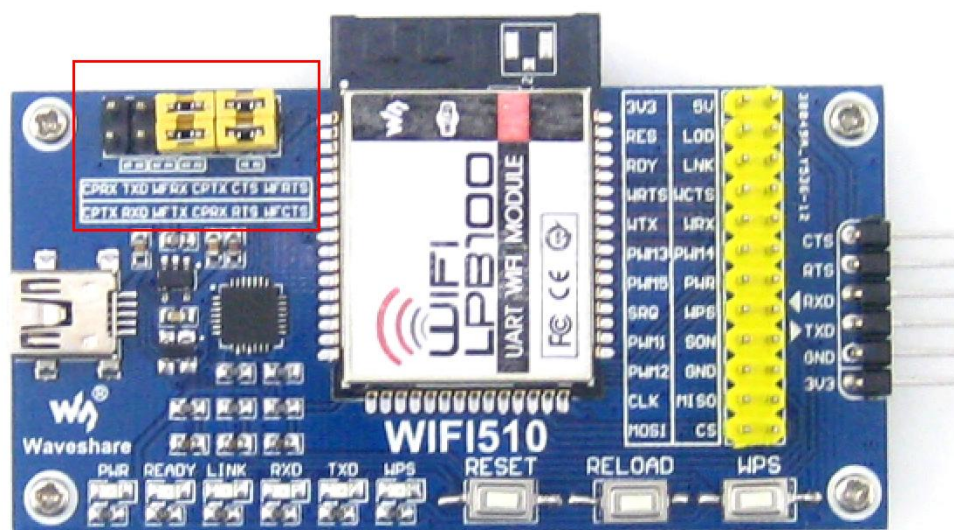


Figure 1. Jumper setting

- 2) Connect the module to computer via USB, wait a second until READY LED light up.
- 3) Turn on computer's WIFI connection, view wireless network (click a ladder-shaped icon on the system tray), choose and connect WIFI-LPB100.



Figure 2. Connect WIFI-LPB100

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

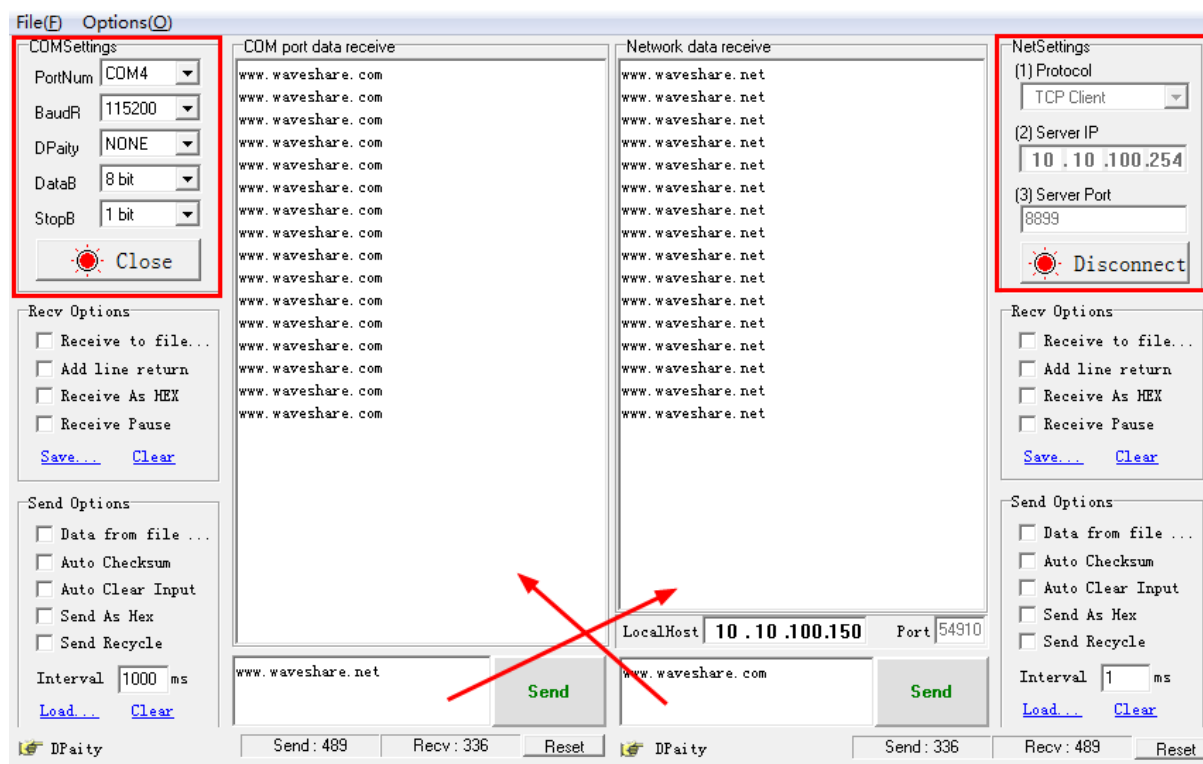


Figure 3. TCP232 setting

**2. Test WIFI-LPB100 by MCU**

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

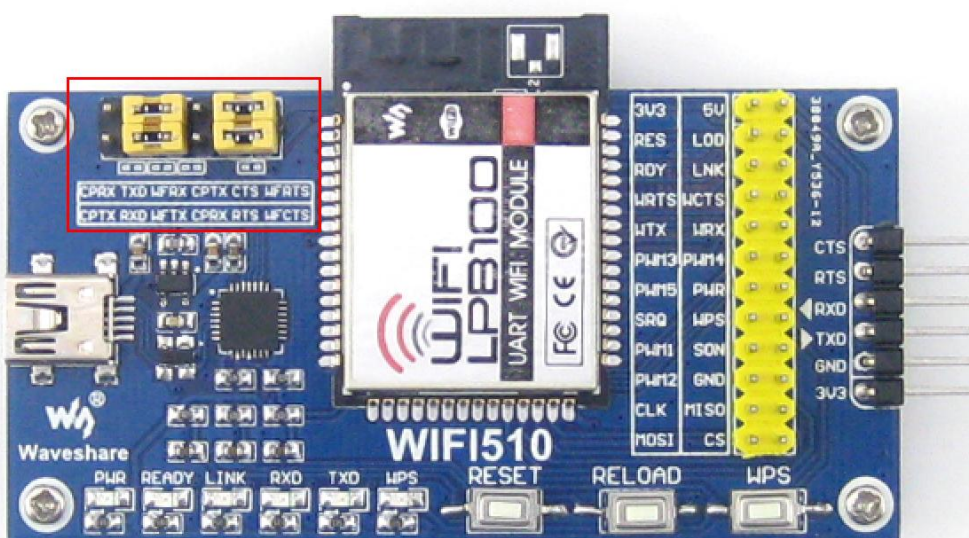


Figure 4. Jumper setting

- 2) MCU communicate with LPB100 via pin header.

**3. Configure WIFI510 as USB UART module**

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

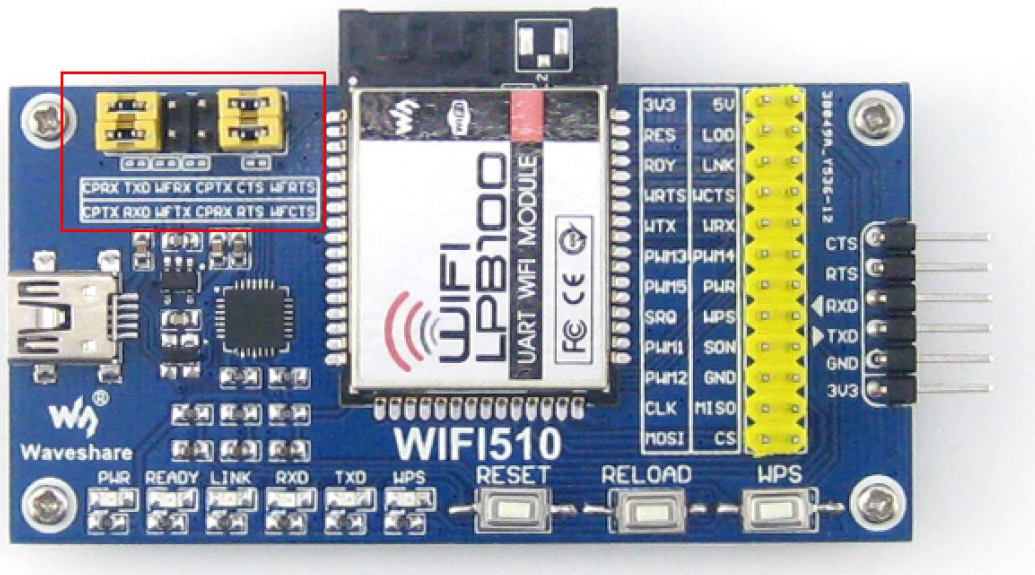


Figure 5. Jumper setting