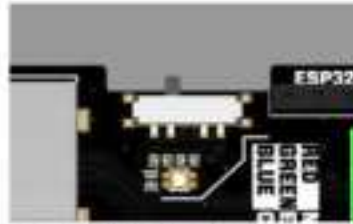


## Function switching



There is a function switch button on the top of the PCB, which can be switched among the three module functions by toggling the switch. The LED below the switch is used to indicate the current function: the red light indicates that it is a 2.4GHz transceiver module, the green light indicates that it is a WIFI module, and the blue light indicates that it is a CC1101 module.



The switch on the back of the PCB is used to turn on the built-in gain circuit of the CC1101 module. When the switch is in RX mode, the receiving function of the CC1101 module gains, and when the switch is in TX mode, the transmitting function of the module gains. When the switch is in the RX position, the module can also perform receiving function, but the TX function does not have gain amplification.

**Do not directly plug or unplug the module when it is powered on, as it may damage the module's power supply function.**

## ESP32 program burning

The WIFI module selected on the PCB is ESP32-S2. When downloading the program, you can refer to the burning process of the official Flipperzero WIFI board.

1. Open the following website through a browser: [ESPWebTool\(huhn.me\)](https://huhn.me) (using Edge browser)
2. Turn the toggle switch above the front of the PCB board to the middle position.
3. Press and hold the boot button below the front of the PCB (the silk screen next to the button is BT), and connect the TYPE-C on the PCB through the USB cable.  
When connecting the port to the computer interface, the LED color on the front of the PCB should be green.
4. Click the CONNECT button on the webpage





7. Click the PROGRAM button to start downloading. A window will pop up after clicking it. Click CONTINUE to continue.



8. When the download progress reaches 100%, it will prompt that the download is complete. If the download progress is interrupted in the middle and an ERROR message is prompted, check whether the module wiring and the USB interface are firmly connected to the computer. After the inspection is completed, reconnect to the computer and try again.

