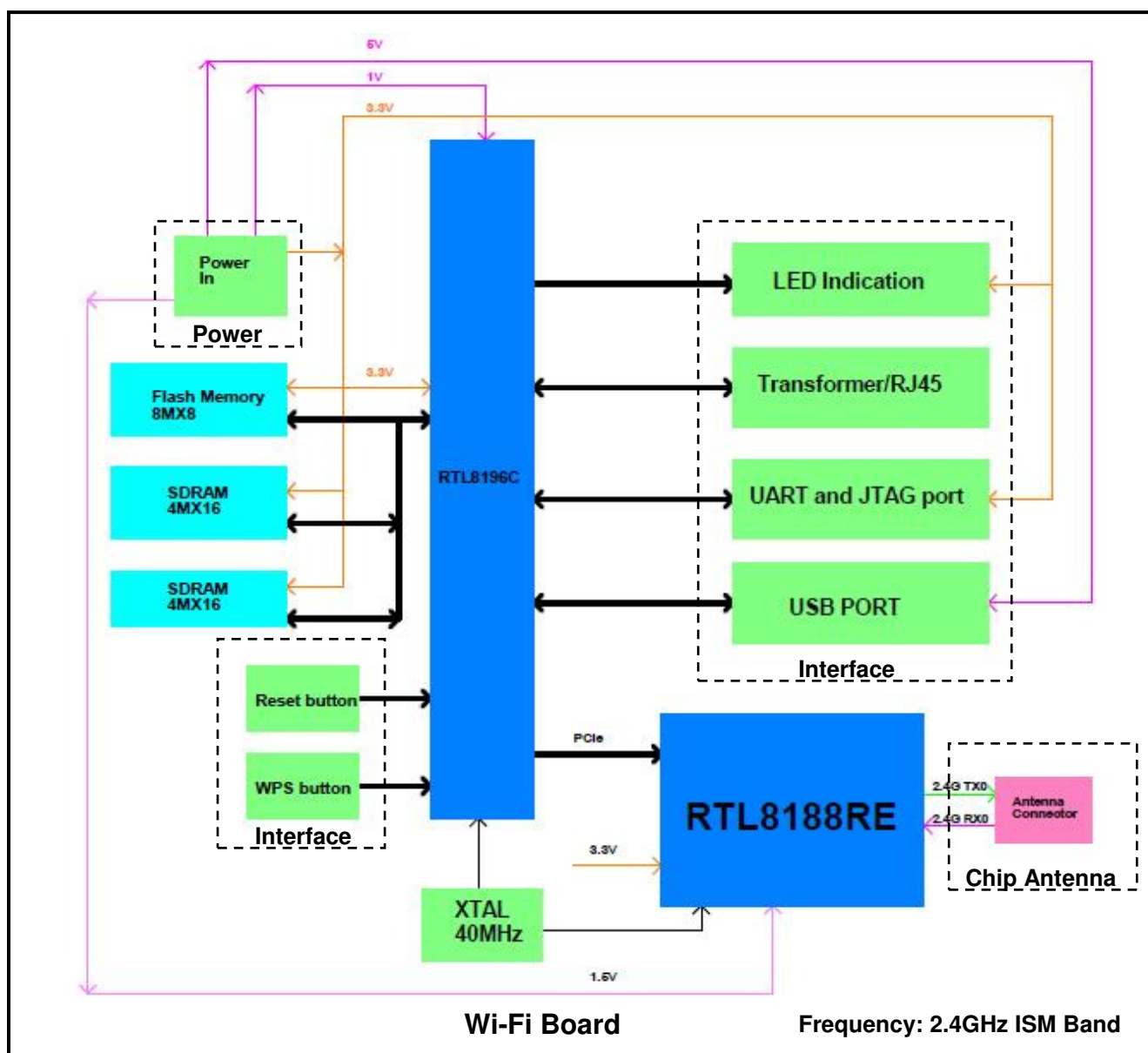


## Block Diagram



### Wi-Fi Board

Wi-Fi board performs all the Wi-Fi functions from RF transmit and receive to communication protocol based on Realtek RTL8196C & RTL8188RE chipset, It supports IEEE802.11n, e and i standards, up to 150Mbps high speed wireless network connections.

### Chip Antenna

Antenna is the unit to send the signal to air and receive the signal from air and feed into Wi-Fi board.

## **Interface**

LED Indication: Used to indicate Wi-Fi board internal status

RJ45/UART/JTAG: System interface

USB port: It is USB host for storage device.

Reset/WPS buttons: Get control information from user.

## **Power**

The Wi-Fi board needs another power board to supply power.