

## Operational Description

Frequency Range: Wi-Fi: 2412-2462MHz, BLE: 2402-2480MHz

1 The product work through XTAL 40MHz vibration. During transmitting, transceiver (U1) will output low-power signals to the PA (Power Amplifier), and then radiate signals to the space through Antenna network. During receiving signal, antenna will send electromagnetic wave signal to the Low Noise Amplifier for enlarging, and then signal will be sent to transceiver to demodulate.

2 The Chip of module is ESP8685

3.Modulation Type:

Wi-Fi: 802.11b:DSSS-DBPSK, DQPSK, CCK; 802.11g/n:OFDM-BPSK, QPSK, 16QAM, 64QAM

BLE: GFSK

4.Voltage Range

DC12V from adapter for model MLW7-1003-ICM, MLB7-1003-ICM

DC 5V from USB port for Model MLB7-1001-ICM, MLW7-1001-ICM, MLW7-1002-ICM, MLB7-1002-ICM