

Description of functional blocks

X32 /X42 RX

1、WIFI module

WIFI module contains OZMO2000 with 24MHz external Crystal Oscillator and 2.4 GHz and 4.9-5.875 GHz Chip Antenna. The OZMO2000 is fully integrated radio, baseband, and logic System-on-Chip (SoC) bringing Wi-Fi CERTIFIED™ Wi-Fi Direct technology to cost and power sensitive peripheral devices. It offers higher data rates, more extensive application interfaces, additional memory, hardware crypto accelerators, an integrated power amplifier, an audio PLL and a low-power RCO sleep timer. Its dual-band radio design allows seamless interoperability with Ozmo-enabled IEEE802.11a/b/g hosts.

2、Battery supply power for the whole product and the Power of OZMO2000 and Flash Memory is 1.9V.

3、Button and volume is the user interface.

X32 TX

1、WIFI module

WIFI module contains OZMO2000 with 24MHz external Crystal Oscillator and 2.4 GHz and 4.9-5.875 GHz Chip Antenna. It fully integrated radio, baseband, and logic System-on-Chip (SoC) bringing Wi-Fi CERTIFIED™ Wi-Fi Direct technology to cost and power sensitive peripheral devices. It offers higher data rates, more extensive application interfaces, additional memory, hardware crypto accelerators, an integrated power amplifier, an audio PLL and a low-power RCO sleep timer. Its dual-band radio design allows seamless interoperability with Ozmo-enabled IEEE802.11a/b/g hosts.

2、The power supply is the external USB and the Power of OZMO2000 and Flash Memory is 3.3V.

3、Button is the user interface.

X42 TX

WIFI module

1、The WIFI module contains a single-chip(OZMO2000) with 24MHz external Crystal Oscillator and 2.4 GHz and 4.9-5.875 GHz Chip Antenna. It fully integrated radio, baseband, and logic System-on-Chip (SoC) bringing Wi-Fi CERTIFIED™ Wi-Fi Direct technology to cost and power sensitive peripheral devices. It offers higher data rates, more extensive application interfaces, additional memory, hardware crypto accelerators, an integrated power amplifier, an audio PLL and a low-power RCO sleep timer. Its dual-band radio design allows seamless interoperability with Ozmo-enabled IEEE802.11a/b/g hosts.

2、DSP module

The DSP module is a Cost-effective, High-performance 32-bit DSP with 24.576MHz external Crystal Oscillator, it Integrates DAC & ADC Functionality, Supports Different Fs Sample, have Configurable Serial Audio Inputs/Outputs, Host Control & Boot via I2C™ or SPI™ Serial Interface and Configurable GPIOs and External Interrupt Input.

3、The power supply is the external USB and the Power of OZMO2000 and Flash Memory is 3.3V.

4、Button is the user interface.