Operation Description

Battery (DC 3.7V) provides energy for the Bluetooth chip (QFN24); Crystal oscillator (26MHz) provides the clock signal for the Bluetooth chip. Bluetooth signals get through a matching circuit, and then transmitted to the space through the antenna (2402-2480MHz). When the product is connected, the product can in two-way communication with other Bluetooth Devices, and then the device's Bluetooth module sends Bluetooth signals into space, the product receives the Bluetooth signal through an antenna, transmission to the Bluetooth chip via matching circuit.

When need charging, input USB cable, and connected to the power supply.

For Bluetooth BDR/EDR:

works in the 2.4GHz (2402MHz~2480MHz) ISM band

79 channels for Bluetooth BDR/EDR

1MHz channel spacing

Modulation type: GFSK, π/4-DQPSK, 8-DPSK