

## Circuit Description

1. Battery (3.7V) provides energy for the Bluetooth chip (AC6905A); Crystal oscillator (24MHz) provides the clock signal for the Bluetooth chip. Bluetooth signals get through a matching circuit, and then transmitted to the space through the antenna (2402MHz-2480MHz). When the product is connected, the product can be 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.
2. When need Charging, input USB cable, and connected to the power supply, red light on, the light will be switched off when it is fully charged.
3. For the aux-in function, you need to switch on the power button first and then connect the Bluetooth speaker with the audio source with the 3.5mm to 3.5mm audio cable. The music will be handled by the main control circuit and then transfer to the amplifier for signal process, and then the music coming out from the speakers.