# Operational Description

1. The device is a Bluetooth Speaker
2. The oscillator: 26MHz
3. The RF chip is AB5368E
4. Frequency range: Bluetooth 2402~2480MHz
5. Antenna gain: 1.7dBi
6. Type of modulation is GFSK, π/4-DQPSK, 8DPSK

This product is a Bluetooth speaker that can play music through Bluetooth connection.

1. The charging part is powered by a USB input of 5V to charge the lithium battery, which in turn charges U1 AB5368E and U3 HAA9206 amplifier there two parts.

2. When U1 AB5368E is connected to an external 26MHz crystal through pins 2 and 3 to provide power to the internal circuit clock.

3. Bluetooth RF receives and transmits RF signals through the pin 1 antenna of Bluetooth U1 AB5368E. The audio received by Bluetooth is output to the Bluetooth module through pin 10, amplify the pin 4 of amplifier U3 HAA9206.

3. The power amplification part U3 HAA9206 receives the sound transmitted from pin 10 of U1 AB5368E, the frequency signal is input from pin 4 and output from pins 5 and 8 to drive the speaker to produce sound.