

## Circuit Description

1. This product uses JL AC6965E as a control center to process the audio and BT protocol.
2. It is powered by a DC 3.7V lithium battery that operates from 2402 to 2480MHz.
3. Audio is processed by JL AC6965E, output to a power amplifier that drives the speaker to make a sound.
4. Bluetooth is connected through a 2.4 GHZ transceiver and plays music
5. The main functions of the integrated circuit: U1 is the JL AC6965E main chip, U5 is the AXS2030 power amplifier
6. Modulation Technique: GFSK,  $\pi/4$ -DQPSK, 8DPSK