

## **Circuit Description**

- a. **IC-BC413159A11:** IC- BC413159A11 is the wireless bluetooth RF chip. The MIC audio signal is encoded and modulated by the bluetooth chip, and send to the other bluetooth communication device via RF antenna.
- b. This bluetooth chip BC413159A11 is the 2.4 G RF chip with a 16MHz clock signal. it will send a signal to the other bluetooth device in GFSK modulation, and the transmitting frequency is 2402 ~ 2480 MHz.
- c. Supply Voltage: 3.7V battery power with USB charging function.