

## Circuit Description

1. Audio: When microphone receives sound, the sound signal is sent to the FM transmission chip Qn8000 through the resistance and capacitance loop. The Qn8000 converts the sound signal to the FM signal, and then transmit it.
2. Frequency Control: The frequency control is accomplished by MCU. When adjusting frequency, MCU receives message from operation, then it notify Qn8000 for corresponding operation.
3. LCD: LCD is mainly for displaying the FM frequency, and it is controlled by MCU.

- 1、音频部分：麦克风收到声音，声音信号通过阻容回路送到 FM 发射芯片 Qn8000，Qn8000 将声音信号调制成 FM 信号发射出去。
- 2、频率控制部分，频率控制由 MCU 完成，调制频率时，MCU 收到按键的信息，然后通知 Qn8000 作出相应的动作。
- 3、LCD 部分，LCD 主要是显示当前 FM 的发射频率，由 MCU 控制。