FM TX 工作原理

1 编写不同频率的音频信号用 MP3 的格式烧录在 CD 光碟上
Composing the audio-singal of different frequency and transcribe into the CD.

2 用户将光碟内的音频信号经过电脑的 iTune 装入 iPod 内并建立一个 FOLDER。
The user put the audio-singal into the iPod with the iTune of computer and set up a FOLDER.

3 用户可在 iPod 该 FM TX 的 FOLDER 选择不同的频率。（其实是不同音频信号）
The user can choose different frequency of FOLDER from FM TX of iPod.

④ FM TX 经 iPod 的 Line out 收到该音频信号经过 IC1 整形变为脉冲给 MCU IC2，
FM TX receive the audio singal with the Line out of iPod, the audio singal become impulse and send to MCU IC1 after the IC1 handling.
MCU根据不同的脉冲，从而改变 IC3 FM TX IC 的发射频率。比如当收到
According to the different impulse, MCU change the radiating frequency of IC3 FM TX IC, such as when receiving a impulse of 0.5 ms,
一个 0.5ms 的脉冲，MCU 即将 IC3 的发射频率控制在 88.1MHz，如收到 0.6ms 的
MCU will control the frequency of IC3 within 88.1MHz; If receiving a impulse of 0.6ms, MCU will control the frequency of IC3 within 88.3MHz, analogical like this.
脉冲就将 IC3 的发射频率控制在 88.3MHz，以此类推。

4 FM 调制的方式同一般 FM 发射器一样，不做描述。
The modulating mode of FM is same as FM transmitter.