

### FM TX Operational Description

- 1 Composing the audio-signal of different frequency and transcribe into the CD.
- 2 The user put the audio-signal into the iPod with the iTunes of computer and set up a FOLDER.
- 3 The user can choose different frequency of FOLDER from FM TX of iPod.

④ FM TX receive the audio signal with the Line out of iPod, the audio signal become impulse and send to MCU IC1 after the IC1 handling.

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,

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.

- 4 The modulating mode of FM is same as FM transmitter.