

# Operation Description

## FM Transmitter Electronic Description

1. When TX unit is switched ON,A FM signal is transmitted 1.The FM transmitter have complete type CW signal frequency from 88.1MHz to 107.9MHz
2. When power on (DC convert circuit) and connecting with U disk, this device can directly read music file and restore audio signal through digital processor chip. When connecting with audio equipment, this device can transmit audio signal to antenna through FM transmit circuit. This device can also memorize playing state (song or frequency point) through integrated chip when power off.
3. The frequency OSCillated by X1(7.6MHz quartz crystal)and modulated RF signal output from U2 Tr3004 pin 18 to antenna
4. The BPF is connected to the antenna ,the modulation is provided by MP3(Audio).The modulated FM signal will be send out if the MP3 is work.
5. The power supply is DC 12V from car Battery. The antenna is printed on the PCB