

# ProTV Electronic INC

Project No:FM Transmitter

Model Name:PS-03

Frequency:88.1-89.3MHz

Step: 400KHz

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Prepared By:NathanXiang

REV:00

## FM Transmitter Electronic Description

When TX unit is switched ON,A FM signal is transmitted

- 1.The FM transmitter have four type CW signal frequency is 88.1MHz, 88.5MHz, 88.9MHz, 89.3MHz
- 2.The frequency OSCillated by X1(12MHz quartz crystal)and modulated RF signal output from U2 Tr3004 pin 18 to antenna
- 3.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.
- 4.AAA X 2 DC 3V Battery supply energy.The antenna is printed on the PCB