

(1)Transmitter

- 1. IC U4 crystal vibration X1 4MHZ control the iPod and volume after the inner disposal**
- 2 Audio Frequency would be send to 915 transmitter module though U3 C21 C22**
- 3. FM 915MHZ transmitter module audio Frequency via IC3, T4, K33,K34, 19KHz stereo audio signal do composite together.**
- 4. The crystal oscillator parts like IC7. IC5. 7.6MHZ and so on will produce 19Khz stereo sound pilot signal after the frequency division.**
- 5. The modulation signal produce the 915 MHZ signal though pressure vibrating and phase locked loop.and then the 915 MHZ signal will be transmited by the antenna after enlarging by T2,T3,T5**

(2).Receiver

- 1, the RF signal 1 which receiving from ANT enlarging the selected frequency via T11 and T13**
- 2, IC4 , IC 5, 7.6mHZ crystal components constitute PLL circuit , then together with 19KHMZ audio demodulation signal was sent to T12 for modulating RF signal to produce the 107.mHZ mid-frequency signal**

3 the selected frequency will produce the stereo sound K/L audio signal via the demodulation of IC3 SP2104 when mid-frequency signal passing CF4 , CF2(small than 10.7Mhz filter)

4, audio signal will come out via the neilsbed of IC1

5,The audio signal which from module is connecting to speaker through the handling of R35 , R36. C15 ,U1 the enlarging of U1 .

6. U3 supply the 5 voltage powe to the module