

(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 l 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