

## **Circuit Description**

This circuit is a typical low-power FM transmitter circuits. The audio signals input from R1 and R2 separately, after a series of Resistance and Capacitance Coupled Circuit which formed by C1, C2, R4 and R6, then go to the mixing modulation circuit that flap Q1, R7, R8, C3, C4, C5, C6 and BT1.(This transmitter flap a frequency : 91.40MHZ)

Through mixing modulation, it occurs a frequency signal, coupled to BT1 secondary. Via C7, it enter FREQUENCY-SELECTIVE amplifier of Q2, C8, R9, R10 and L1, select the frequency 91.40MHZ approximately to amplify the power. The RF amplifier signal output from C9, take the Band pass Filters of C10 and L2 (with impedance matching), more to filter remnant Harmonic. then transmit around via antenna.