

## **Circuit Description**

This transmitter is powered by 6V DC. The circuit uses MOTOROLA MC2833D which is especially designed for FM transmitters. It consists of RF oscillator, frequency divider. The RF frequency ranges from 16.xxx MHz to 49.xxx MHz. The transmitter is two channel selectable, the frequency of CH A. (R) 49.875MHz (L) 49.830MHz and CH B. (R) 49.890MHz (L) 49.845MHz. RF AMP uses T2, Q1, T3, Q2, T4, T7, Q3, T8, Q4, T9, Buffer uses T5, T10, Antenna matching T1. The input signal to IC2, IC4 compressor output to IC1, IC2 and obtain the modulated RF carrier from the chip output to from this transmitter.