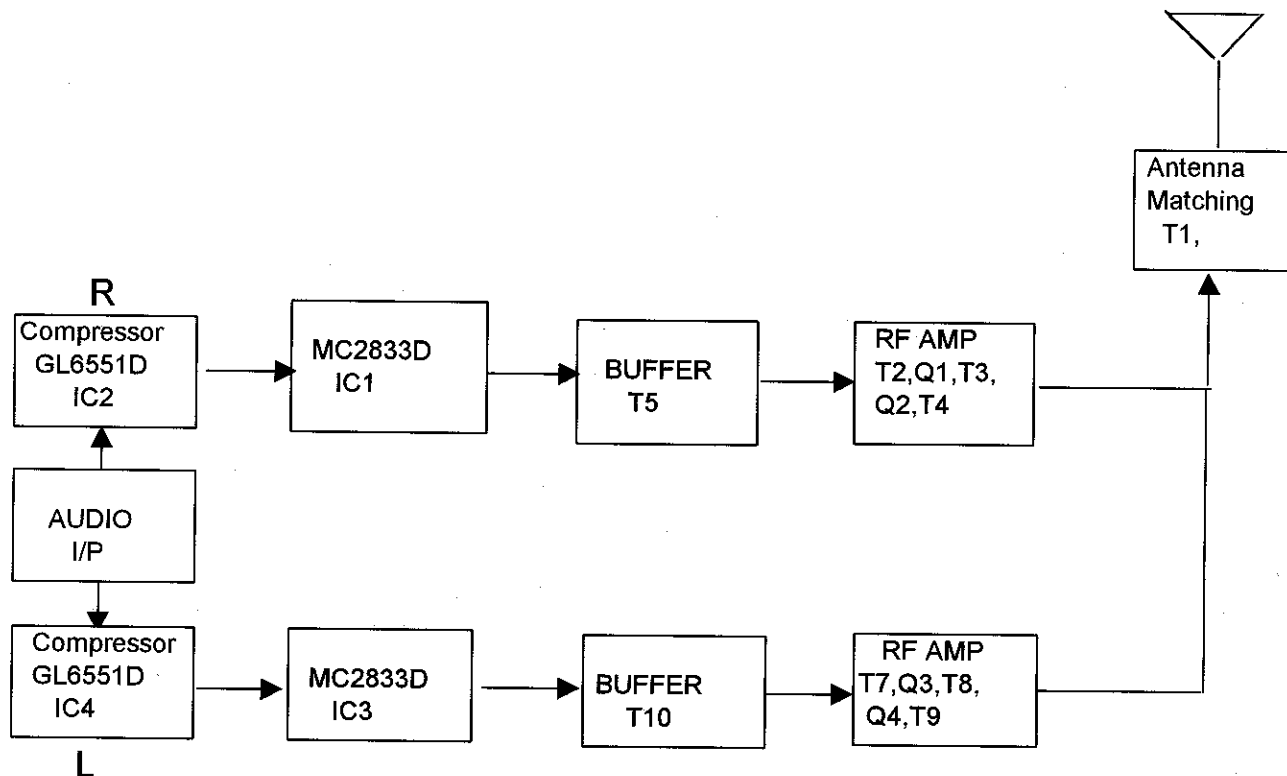


BLOCK DIAGRAM

DATE : AUGUST 9, 1999



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 is from 16.000 MHz to 49.000 MHz. The transmitter is two channel selectable, the frequency of CH A. (R) 49.875 MHz (L) 49.830 MHz and CH B. (R) 49.890 MHz (L) 49.845 MHz. 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, IC3 and obtain the modulated RF carrier from the chip output of this transmitter.