

Radio Controlled Car

Circuit Description

Model: 0998CH

The 49MHz crystal oscillator drives the base of Q2 the high frequency amplifier. The modulated frequency provided by TX2 . The output of Q1 has the matching network consisting of C1, R1,C9,C8 and L4,L1 that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

Antenna, Ground and Power Source

The antenna consists of a 49.5mm long telescoping chrome over brass tubing. There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by a 1X9.6 V primary battery.