

■ CIRCUIT DESCRIPTION:

This unit is a receiver intended to be used for remote controlled cars. the RF portion consists of transistor Q1 which is used as a RF buffer. Transistor Q2 serves as a super regenerative detector. U1 is the audio buffer coupled to the base of the inverter Q15 it then goes to a decoder - U2. The power controller U3 used for DC/DC converter, which is to supply a stable power source for the receiver network. The rest of the transistors are used as motor drivers.

■ ANTENNA AND GROUND CIRCUITRY:

This unit uses a short wire antenna. The antenna is self contained and there is no provision for connecting an external antenna. No ground connection is provided. The unit relies on the ground tract of the printed circuit board.