

Technical Description (receiver portion)

The equipment under test (EUT) is a superregenerative receiver of a RC car operating at 49.860 MHz. The EUT is powered by 4 x "AA" size batteries. The EUT has an ON/OFF switch.

After switching ON the EUT and the transmitter of the RC car, the EUT can be controlled to move forward, reverse, left and right by the transmitter.

The circuit of the receiver mentioned below.

1. Decoding circuit and Motor Driver

Consists of IC1(RX-3 AG4FE31) and IC2 (118 CG3U2F1)

2. Receiving Amplifier

Consists of Q1, L0, L1

3. Power Supply

Consists of 6.0VDC (4 x 1.5V size AAA battery)

4.Motor