

Technical Description

The Equipment Under Test (EUT) is portable car unit for Remote controlled car set which operates at 49.860MHz.

The EUT is power by 5 x 1.5V AA batteries.

After switch on the EUT, the car will be moved forward or backward, turned left or right based on the joystick control in the controller.

Antenna Type: Internal, Integral

The brief circuit description is listed as below:

- 1) Q1 acts as IF amplifier (2712).
- 2) U1 acts as Decoding circuit (PT978).
- 3) Q2 to Q5 act as motor drive circuit (9014).
- 4) Q6 to Q9 act as motor drive circuit (8550).
- 5) Q10 to Q13 act as motor drive circuit (882).
- 4) ZD1 acts as Voltage Regulator for U1, Q1(ZD1).

Antenna Type: Internal antenna