

Operation Description

The EUT is a transmitter for Thunder Spin RC 4x4 Road Rage Stunt Machine operating at 49.860 MHz and is controlled by a crystal. The EUT is powered by 1 x 9V battery. There are two trigger levers on the EUT. When the trigger levers are activated, it will transmit different radio signals for the receiver to move in forward, backward, left or right direction.

The brief circuit description is listed as follows:

- Y1, Q1 and associated circuit act as oscillator circuit
- ZD1 and associated circuit act as voltage regulator
- IC1 and associated circuit act as encoder
- Q2 and associated circuit act as amplifier