

## **Product Description**

The equipment under test (EUT) is a transmitter for a Remote Controlled Toy Car operating at 27.145 MHz which is controlled by a crystal. The EUT is powered by a 9V battery. There are seven switches on the EUT. Those switches controlled the car change to the different mode (Shark, Turbo and Reptile), turn left and right, light pattern and ascend and descend.

The brief circuit description is listed as follows :

- X1 and associated circuit act as Oscillator.
- U2 and associated circuit act as Encoder.
- Q2 and associated circuit act as RF Amplifier.