

Product Description

The equipment under test (EUT) is a Super-regenerative Receiver a Remote Controlled Toy operating at 49.860 MHz which is controlled by a crystal. The EUT is powered by a 6.0V Ni-Cd Battery. There is a ON/OFF switch on the EUT. Once turn on the EUT, it can receive RF Signals and moving continuous.

The brief circuit description is listed as follows :

- IC1 and associated circuit act as Decoder.
- Q1 and associated circuit act as Detector.
- Q2 and associated circuit act as RF Amplifier.

Antenna Requirements

A permanently antenna is used.