

## 1.0 Product Description (Transmitter)

The Equipment Under Test (EUT) is a transmitter for a remote controlled Toy operating at 27.1454MHz, which is controlled by a crystal. The EUT is powered by one 9.0V batteries.

There are four switches: Forward and Backward, turn left and right.

**The EUT is operated at 27MHz range with Amplitude Modulation.**

The brief circuit description is listed as follows:

- Q1, X1 and associated circuit act as oscillator.
- Q3 and associated circuit act as modulator.
- U1 and associated circuit act as encoder IC.