

## **1.0 Product Description (Transmitter)**

The Equipment Under Test (EUT) is a transmitter for a remote controlled Toy operating at 49.860MHZ, which is controlled by a crystal. The EUT is powered by 9V battery.

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

The brief circuit description is listed as follows:

- Q2, X1 and associated circuit act as oscillator.
- Q1 and associated circuit act as modulator.
- U1 and associated circuit act as encoder IC.