

2.0 Product Description (Transmitter)

The Equipment Under Test (EUT) is a transmitter for a remote controlled Toy operating at 27.145 MHz, which is controlled by a crystal. The EUT is powered by three 1.5V AAA batteries.

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

There is a slide switch, which has three position:

OFF/NORMAL/TURBO.

The brief circuit description is listed as follows:

- Q1, X1 and associated circuit act as oscillator.
- Q2 and associated circuit act as modulator.
- U1 and associated circuit act as encoder IC.
- Q3-Q7 and associated circuit act as quick-charging circuit.