

01165

OPERATION PRINCIPLE

1.0 Product Description (Transmitter)

The Equipment Under Test (EUT) is a transmitter for toy operating at 27.145 MHz, which is controlled by a crystal and powered by 9.0V battery.

There are control switches: Forward, Backward, turn left, turn right, sound and light

The brief circuit description is listed as follows:

- Q1, X1 and associated circuit act as 27.145 MHz oscillator
- Q2 and associated circuit act as modulator.
- U2 and associated circuit act as encoder IC.

Antenna Type: External, Integral