

# General Circuit Description

## 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 3\*1.5V "AA" batteries. There are four switches: Forward and Backward, turn left, turn right, slot card reader.

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.

LED1, LED2 and associated circuit act as barcode scanner.

## Antenna Used:

An External Integral Antenna has been used.