

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.