G6D1881H
Circuit Description

The 27.145MHz crystal oscillator drives the base of Q1 the final/buffer amplifier.
The modulation provided by IC. The output of Q2 has the matching network consisting of C6, C7, L2, L3 and L4 that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

Antenna, Ground and Power Source

The antenna consists of an 8cm long Metal antenna.
There is no external ground connection. The ground is only that of the printed circuit board.
Electric current is supplied by a 2.4 Volt rechargeable battery

Operation Descriptions

The transmitter is a remote control toy operating at 27.145MHz band. The transmitter is powered by a 2.4V battery rechargeable battery and the transmitting frequency is crystal controlled. The operation is achieved by different combinations of form pulse modulating signal on the 27.145MHz carrier frequency.

Remarks:
The transmitter is a 2 buttons. The EUT continues to transmit while button is being pressed. It is button transmitter, Modulation by IC; and type is Pulse modulation.