

Circuit Description

The 49.86MHz crystal oscillator drives the base of IC the final/buffer amplifier. The modulation provided by IC. The output of IC has the matching network consisting of L5 and C12 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 a 41.8cm 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 9 Volt ("6F22" size battery x 1) primary battery.

Remarks:

The transmitter is a _2_ (*Joystick*) transmitter.

The EUT continues to transmit while (*Joystick*) is being pressed.

It is (*Pulse*) transmitter, Modulation by (*IC*); and type is (*Pulse*) modulation.