

Application No.: H155954

Date: 14 April 2006

FCC ID: N9ZTHX301M

Circuit Description

The 433.9MHz crystal oscillator drives the base of Q2 the final/buffer amplifier. The modulation provided by IC. The output of Q2 has the matching network consisting of L4, L5, L6, L7 and C17 that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

Antenna, Ground and Power Source

There is no external antenna. There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by a 3 Volt ("AAA" size battery x 2) primary battery.

Operation Descriptions

The transmitter is a RF wireless transmitter for thermo and humidity operating at 433.9MHz band. The transmitter is powered by a 3V battery (AAA x 2) and the transmitting frequency is crystal controlled. The operation is achieved by different combinations of form pulse modulating signal on the 433.9MHz carrier frequency.

Remarks:

The transmitter is a 1 Trigger transmitter.

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