

Application No.: HM157757

Date: 2006-11-27

FCC ID: L5CW132TX-2

Circuit Description

The 434MHz crystal oscillator drives the base of Q1 the final/buffer amplifier. The modulation provided by IC. The output of Q1 has the matching network consisting of C8 and C9 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 internal 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 ("AA" size battery x 2) primary battery.

Operation Descriptions

The transmitter is a Thermo station operating at 434MHz band. The transmitter is powered by a 3V battery ("AA" size battery x 2) and the transmitting frequency is crystal controlled. The operation is achieved by different combinations of form pulse modulating signal on the 434MHz carrier frequency.

Remarks:

The EUT continues to transmit while Trigger is being pressed.

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