

Application No.: HM157526

FCC ID: N9ZET-902WS

Circuit Description

The 433MHz crystal oscillator drives the base of Q3 the final/buffer amplifier. The modulation provided by IC. The output of Q3 has the matching network consisting of L1, L2, L3, L4, L5 and C22 that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

Antenna, Ground and Power Source

The antenna is a 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 RF thermometer operating at 433MHz band. The transmitter is powered by a 3V battery (AA x 2) and the transmitting frequency is crystal controlled. The operation is achieved by different combinations of form pulse modulating signal on the 433MHz carrier frequency.

Remarks:

The transmitter is a 1 Button transmitter.

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