

FCC ID: N9ZTPX301

Circuit Description

The 433MHz 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 C18, L3, L4 and L5, L7 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 thermometer operating at 433MHz band. The transmitter is powered by a 3V battery ("AAA" 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 433MHz carrier frequency.

Remarks:

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