FCC ID: VAAWFTV4

Circuit Description

The 433MHz crystal oscillator drives the base of TR2 the final/buffer amplifier.
The modulation provided by IC. The output of TR2 has the matching network consisting of C2 and C3 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 14cm long (Stretched the white wire antenna and external antenna). The ground is only that of the printed circuit board. Electric current is supplied by a 12 Volt ("L1028" size battery x 1) primary battery

Operation Descriptions

The transmitter is a 12V DC operating at 433MHz band. The transmitter is powered by a 12VDCV battery ("L1028" size battery x 1) 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 press button transmitter (for test button, but the transmitter is normally manually activated by the camera where the Tx is affixed to). The product modulation by IC; and type is Pulse modulation.