

FCC ID: B4S-1000A

Circuit Description

The 434MHz LC oscillator drives the base of Q5 the final/buffer amplifier. The output of Q5 has the matching network consisting of C10, C11, C14, 15 and L2, L4 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 7cm long wire antenna
There is no external ground connection. The ground is only that of the printed circuit board.
Electric current is supplied by a 5 Volt AC/DC adaptor or USB

Operation Descriptions

The transmitter is a remote control operating at 434MHz band. The transmitter is powered by a 5V battery AC/DC adaptor or USB and the transmitting frequency is LC controlled. The operation is achieved by different combinations of form pulse modulating signal on the 434MHz carrier frequency.

Remarks:

The transmitter is a one button transmitter. The EUT will stop transmittion while button is released. It is button transmitter, Modulation by IC; and type is Amplitude modulation.