

## FCC ID: WBDSTIX23970GP

### Circuit Description

The MCU drives the base of IC the final/buffer amplifier. The modulation provided by IC. The output of IC has the matching network consisting of C121, C122, C123 and C132, L121 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 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 game controller operating at 2410-2470MHz band. The transceiver is powered by a 3V battery ("AAA" size battery x 2) and the transmitting frequency is IC. The operation is achieved by different combinations of form pulse modulating signal on the 2410-2470MHz carrier frequency.

#### Remarks:

The EUT continues to transmit when button is pressed. It is pulse transceiver, modulation by IC; and type is frequency hopping spread spectrum.