

Circuit Description

The 26MHZ crystal oscillator drives the base of Y1.

The modulation provided by AB5656T2(U1). The output of AB5656T2 module has the matching network consisting of C1 and R2 and C6 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 2.4GHz PCB antenna

There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by a 3.7 Volt primary battery

Feature:

Frequency Range: 2402MHz-2480MHz

Modulation Type: GFSK, $\pi/4$ -DQPSK, 8DPSK

Antenna Type: PCB

Antenna Gain: 2.499dBi

Crystal: 26MHz