

Circuit Description

Model: XBA9-1007-DOL

The 24MHZ crystal oscillator drives the base of Y1.

The modulation provided by AC6969A (U1). The output of AC6969A module has the matching network 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

Antenna Gain: -0.58dBi

Crystal: 24MHz

Hardware Version: V1.0

Software Version: V1.0