Circuit Description

The 24MHz crystal oscillator drives the base of Y1.
The modulation provided by AC7023D(U2). The output of AC7023D module has the matching network consisting of C1 and R10 and R5 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 2012 Chip 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, π/4-DQPSK
Antenna Type: Chip Antenna
Antenna Gain: 1.72dBi
Crystal: 24MHz