Circuit Description

The 24MHz crystal oscillator drives the base of Y2.
The modulation provided by AC6969A. The output of AC6969A module (U1) has the matching network consisting of L1、L2 and L3 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 Onboard 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: Bluetooth: GFSK, π/4-DQPSK, 8DPSK; BLE 1M: GFSK
Antenna Type: Onboard antenna
Crystal: 24MHz