

### Circuit Description

The 24MHz crystal oscillator drives the base

The modulation provided by AC6963. The output of AC6963 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

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

Frequency Range

Bluetooth: 2402~2480MHz

Modulation Technique

GFSK,  $\pi/4$ -DQPSK, 8DPSK