

Circuit Description

The 24MHz crystal oscillator drives the base of the transistor. The modulation is provided by AD6983. The output of AD6983 module has the matching network that limits the harmonic content and effects 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.

Bluetooth: 2402~2480MHz

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