

### **Circuit Description**

The 26MHZ crystal oscillator drives the base  
The modulation provided by AB5616A. The output of AB5616A 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

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