

Circuit Description

The 16MHz crystal oscillator drives the base of Y1.

The modulation provided by BK3432 (U1). The output of BK3432 (U1) has the matching network consisting 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 PCB antenna

There is no external ground connection. The ground is only that of the printed circuit board.

Electric current is supplied by a 12 Volt primary battery

Feature:

Frequency Range: Bluetooth/BLE: 2402~2480MHz

Antenna Type: PCB Antenna

Antenna Gain: 1 dBi

Modulation Technique: GFSK