

Circuit Description (CQL1618-B)

The 26MHZ crystal oscillator drives the base of Y1.

The modulation provided by BK3254. The output of BK3254 has the matching network that limit the harmonic content and effect the proper coupling of the antenna to the output stage.

The antenna consists of a 2.4GHz Single dipole antenna coil PCB 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

The transmitter is a RADIO operating at 2402-2480MHz band. The transmitter is powered by a 3.7V battery and the transmitting frequency is crystal controlled. The operation is achieved by different combinations of form pulse modulating signal on the carrier frequency.

The USB port is only used to change without data exchange.

Feature:

Frequency Range:2402MHz-2480MHz

Modulation Type: GFSK, Pi/4-DQPSK

Antenna Gain: 0dBi

Crystal: 26MHz

Antenna Type: PCB Antenna