

## **FCC ID: LU9247845A**

### **Circuit Description**

The 24.93MHz (Double to 49186) crystal oscillator drives the base of Q1 the final/buffer amplifier. The modulation provided by Q2. The output of Q1 has the matching network consisting of L2 and C3 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 18cm long metal wire. There is no external ground connection. The ground is only that of the printed circuit board. Electric current is supplied by a 9 Volt ("6F22" size battery x 1) primary battery