

## **HM112622**

### **Circuit Description**

The 315MHz crystal oscillator drives the base of Q (C1730) the final/buffer amplifier. The modulation provided by IC. The output of Q(C1730) has the matching network consisting of 4.7 $\mu$ H and C1 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 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 ("A23" size battery x 1) primary battery