

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 $4.7\mu\text{H}$ 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