

## **RL-3980 Circuit Description**

RL-3980 wireless door chime is a low powered, which is installed in house to detect door /window for home security and other features. . The transmitter is powered by a 12V23A battery, and operated on a fixed frequency at 433.92Mhz..

TX: there are 2 switches trigger the integrated circuit which produces the digital control signals and will modulated the carrier signal(ASK.). The carrier signal is generated by a IC oscillator circuit. The modulated signal which comprised of a SAW433.92Mhz filter and the Q1 audion oscillator is radiated through the strip antenna