

Technical Description of Model P220 RF Gate Door Remote Transmitter

To activate the gate door, press the transmitter button S1~S3, it will have power to the encoder and Colpitts oscillator circuit .

The encoder "145026" encodes nine bits of trinary data as defined by the state of Dip Switch and serially transmit the data from "Do" to "Q1" ,Colpitts Oscillator .

When "Q1" get the bias signal from "Do,R1" it have self resonant frequency from "VC1,C4,C3 and PCB inductor "generate 315Mhz transmission frequency .