

**In transmitter, IC SM6136 is a RF amplifier and encoder ,Q1 and X1 is a crystal oscillator ,Q2 is a modulator, output of Q2 drives the inductor ,the antenna is coupled to the modulator by the inductor. press any keypad, the diode under the switcher will short the board to the ground, at the same time, the IC SM6136 Pin10 driver the crystal oscillator Q1 to work. And the IC SM6136 Pin8 generates the encoding signal, it is modulated by Q2 and sent outside by Antenna.**

**In Receiver, IC SM6135 is a RF amplifier and detector,Q1 is a signal amplifier and decoder. The antenna receives the signal, the signal is amplified and decoded by Q1 and then controls the output of IC SM6135 Pin6,7 and Pin10,11,12 to supply driver .**