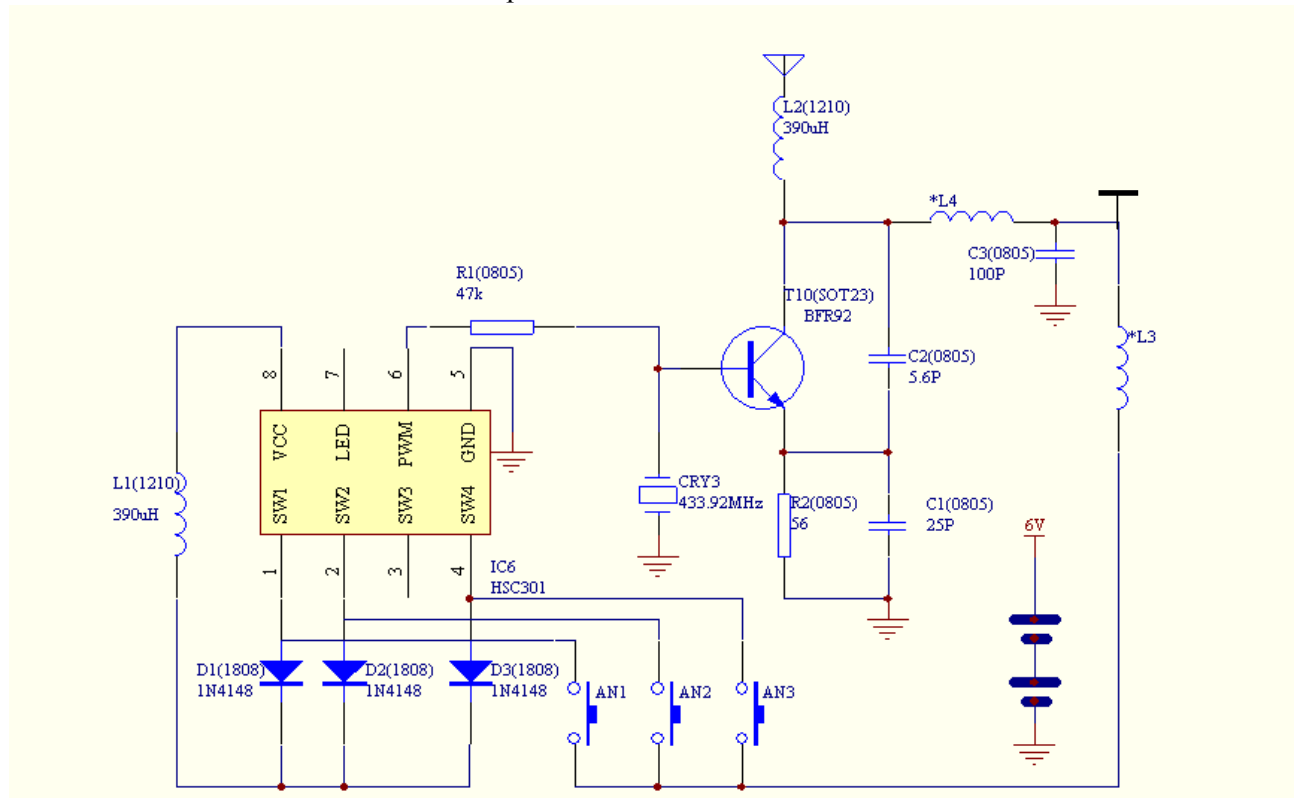Description for remote control circuit

- as shown, remote control adopts FSK modulation style , the least impulse width least is 400μs, the most is 800μs. The mode of oscillation is capacitance three dot style, frequency is choosed by LC system and lock by CRY3 surface acoustic wave filter, Make the send frequency to be fixed on 433.92 MHz.

1、 The send signal with great security is made by IC6 (HSC301),it is a roll coding CMOS made by USA Microchip company.

2、 adopts two 3V lithium battery.

3、 This circuit adopts economization-power mode design, as the figure shown, inside the three buttons, when any button is push down, anode of power will by button supply to the triggering input terminal of CMOS, also supply to anode terminal of CMOS by any diode of D1—D3 .

4、 When the CMOS gain power and triggering the input terminal, the sixth feet of IC6 outputs an roll coding impulse, this impulse supply a offset voltage to T10 by R1 so that it start-oscillation, make the impulse control to modulation the work of oscillating circuit .

5、 The oscillating signal coupling to the inside antenna of the PCB board by L2, and send out the roll coding signal.