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## **Operation Description**

The transmitter use a MCU chip CX5183, most of function can be finished by one chip, such as key-press detective. The transmitter is made of U1(CX5183), RF IC U3( SGN6210) ,SENSOR U5(A7530), U2 is ID code storage IC, U4 is power management IC ,U4 is the circuit of boost pressure, it make the battery's voltage reach 3V to support the mouse working .Clock oscillator is made of U1 internal circuit and Y1 surrounding circuit , and it can supply the power for clock pulse. Once start the LB, RB, MB, ZB switch, U1 will be process. U5 is optical chip, it can react the movement of tabletop then deliver to U1, U1 will finish all the data encode internal, then deliver to U3( SGN6210), this signal will be modulated and amplified, at last it delivered to the air by antenna . U2 is ID code memory, after the mouse and receiver code connect together successfully, U2 will record this code and backup it for next time.

Antenna is formed by a copper trace on the PCB. Common grounding on PCB is not connected to real external ground. Power supply is DC 3V by two "AAA" batteries.