

circuit description:

The 3V DC power supply is the whole power supply of the mouse. MCU, under the normal instance of the power supply, crystal brought from Y2 6MHz. The matching Q5,SW4. When mouse moving, the signal picked up and then handled by it, transfer to MCU. The signal generated by scroll wheel and button then handled by MCU. The high frequency generated by Y1-13.5225MHz, the matching Q1.exported from EM78P156, after the RF antenna inductance matching, export high frequency signal.

Antenna ground and power source

The antenna is extension, there is no external ground connection .the ground is only that of the printed circuit board. electric current is supplied by 2*AAA batteries.