

circuit description

Mouse transmitter circuit mainly by the optical IC U1 and U2 MCU and RF parts of the composition.

U2 internal and L2, D4 shift as the circuit provides a stable 3V operating voltage, X2, etc. and U2 into the internal circuitry to the RF modulation amplifier. When the mouse moves on the desktop, U1 can detect this movement and turned into data to U2, U2 also receives information about keys and encoders, all of the information encoded by the radio frequency modulated by the amplified output from U2's 8PIN feet And from the antenna to free space.

SWID is a code switch, press the launch of a message after the U2 code to the receiver with whom a communication dimension. D3 is a low voltage indicator, battery voltage is low if you use the mouse to the light flashes to remind the battery is running out of energy. K1 switch can automatically switch working condition, because when you press K1 reduces the supply voltage of U2, so that the entire system into a closed eye state.