

wireless mouse working principle:

The wireless mouse including the receiver and mouse. Insert the receiver into the port of the PC, it first reads the EEPROM code data and then the mouse and receiver connected.

When clicking the key or moving the mouse, it will send signals to the MCU, this signals send by the RF transmission, when the receiver receives the signals, which communicated with PC via USB. TLSR8510 integrated with MCU and RF two parts the functions is to transmit and receive.

1. When clicking the key of mouse, one of pin of MCU is pulled low, and the MCU asked the RF to send signals.
2. When moving the mouse, the SENSER through the optical lens making the displacement signal into electrical signal and communicate with MCU, the MCU through the RF signal.