Operational Description
NEW WIRELESS MOUSE
DC 3V (1.5x2 AAA)
Work Frequency: 2403-2479 MHz

1. CPU,SE11M have an 8-bit microprocessor with low-power and high-speed CMOS technology. Opration frequency is 4MHz.It needs an external 12MHz crystal for reference frequency;this crystal is also used for RF module.This chip is responsible to control RF-Baseband Transceiver(8713XT).

2. E2PROM,24C02,2048 bits of serial electrically erasable and programmable read_only memory(EEPROM) organized as 256 words of 8 bits each.The device is optimized for use in many industrial and commercial applications where low-power operation are essential.

3. 2.4GHz ISM Band Transceiver/Framer,8713XT which is a low-cost,fully inegrated CMOS radio frequency(RF) transceiver block,combined with a 64-byte buffered framer block.It contains transmit,receive,VCO and PLL functions,including an on-chip channel filter and resonator.

4. OPTICAL SENSOR,with DSP integration chip that serves as a non-mechanical motion estimation engine for implementing a comuputer wrreless mouse.

5. ANTENNA, The antenna is typically fed from the end of the monopole section by a plated through-hole via which is in turn connected to the RF output on the 2.4GHz band.