

Product description :

MTM - 100 is a wireless optical mouse, 2.4 G sunplus company by Taiwan chip, integration of high two-in-one peripheral devices, less stable. By Taiwan. Optical IC chip original photograph. Positioning precision.

RF description:

The SPRF2400A is a low-power, high-integrated single chip RF transceiver using 0.18 μ m mixed-mode CMOS process optimized for ISM 2.4GHz wireless systems.

The SPRF2400A contains receiver, transmitter, voltage-controlled oscillator (VCO) and phase-locked loop (PLL). The device is expressly designed for low power consumption. Specific expertise has been applied to save current consumption and thus to extend the battery life, which is of most importance to the portable wireless consumer applications. Power saving mode has also been implemented to further reduce the power consumption. The receiver

contains a low-noise amplifier (LNA), a high-frequency mixer, a received signal strength indicator (RSSI), a channel select filter, a limiting amplifier, a demodulator and a data slicer with clock recovery. Current consumption of receive mode is 18mA and transmit mode is 10.5mA at -5dBm output.