

**HP7302**

Wireless Mouse /Keyboard Receiver Controller SoC

◎ FEATURES

4K word mask ROM; 128 bytes of RAM
 Built-in 27 MHz PLL, 3.3 V low dropout regulator, and USB 1.1 device
 LED Alarm
 Auto-power down mode
 PS2/USB 1.1 interfaces (with mouse software)
 Support for optical and mechanical mouse (with mouse software)
 SSOP24 package

◎ APPLICATIONS

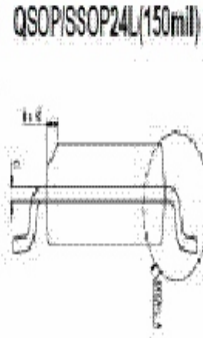
27 MHz wireless mouse/keyboard
 27 MHz wireless products

◎ DESCRIPTION

The HP7302 is a low cost 27 MHz wireless receiver SoC. The HP7302 has a built-in 27 MHz PLL function, incorporates a 3.3 V low dropout regulator, and is designed for USB 1.1. In addition, 4K word mask ROM and 128 bytes RAM are provided for software coding. There are 9 input/output ports which may be used to control other devices.

◎ SPECIFICATIONS

Function	RX SoC
Voltage range (V)	5 V \pm 10%
Current consumption	200 μ A (stand-by) 10 μ A(receiving)
Frequency range (Mhz)	26-28MHz (PLL)
Low dropout regulator	3.3V
Package	SSOP-28/SOP-32

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