

silex UWB Embedded Technology Portfolio Vol. 2

UWB Wireless mini-PCI Module



Enables Time-To-Market DS-UWB Product Development

Preliminary Release

Built to Perform. Reliable and Flexible.

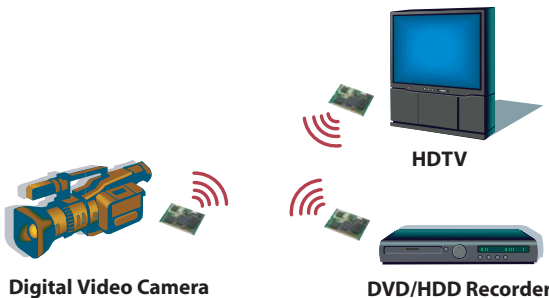
The silex UWB mini-PCI module using a XS110 chipset from Freescale Semiconductor, Inc. utilizes the direct sequence UWB approach, which is the first UWB technology certified by the Federal Communications Commission for commercial use in the U.S. It is designed to allow original equipment manufacturers (OEM) to leverage the benefits of UWB technology for high data transfer uses in consumer and industrial applications and products.

What is UWB? :

Ultra WideBand is the next generation wireless technology for transmitting large amounts of digital data over a wide spectrum of frequency bands with very low power for a short distance. It is most ideal for freeing people from wires, enabling wireless connection of multiple devices for transmission of video, audio and other high-bandwidth data.

Applications:

Television displays, projectors, DVD/HDD recorders, digital video camera, digital camera, audio visual devices, PCs, PC peripherals, mobile devices, and more !



silex embedded technology:

silex technology is a 30-year developer of external and embedded device-device connectivity products. silex has become the world's #1 supplier of print server products over the past 10 years, helping global OEMs improve the way they move information.

Specifications:

OS Compatibility	Microsoft Windows XP/Windows 2000
Interface	miniPCI type III
Wireless Chipset	Freescale Semiconductor™ XS110
Antenna	U-FL connector
Data Rate	29Mbps / 57Mbps / 86Mbps / 114Mbps
Power Consumption	750mW
Spectrum Power	-41.3dBm/MHz (Max.)
Power	3.3V DC +-5%
Bit Error Rate	10 ⁻⁹
Dimension / Weight	59 mm x 45 mm x 3 mm · 45g

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