



For Immediate Release

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LucidPort Introduces Wireless USB Peripheral Controller with both Wired and Wireless USB Connectivity

Mountain View, CA – February 26, 2007 – LucidPort Technology today introduced the L800, the only peripheral controller based on Certified Wireless USB from the USB-IF to support both wired and wireless USB. The L800 chip harnesses WiMedia UWB technology to interoperate with other products based on UWB and Certified Wireless USB at transfer speeds reaching up to 480 Mbps. It supports compliant packet sizes, burst sizes, transfer sizes, and number of endpoints. The L800 manages the protocol requirements of many USB class devices, wired and wireless. It has specialized logic for encryption, as well as cable and numeric association. This makes the L800 ideal for use in printers, scanners, digital camcorders, external hard disks, and other peripherals.

“Wireless USB peripherals still need a way to connect using wired USB.” said Reid Augustin, VP, Product Development at LucidPort. “Retro-fitting the new wireless features required on the wired USB port is not trivial”. The L800 eases this transition by using the same API (Application Programming Interface) to implement both the wired and wireless USB interfaces.

Development Tools

LucidPort provides a Reference Design Kit (RDK) which includes a PCI adapter board with the L800 and a UWB PHY module. These boards effectively convert a PC into a USB Peripheral with a rich development environment.

Included sample drivers and peripheral side firmware can be used to configure the L800 as a standard USB-class device, like a hard disk or video camera. Custom peripherals can be crafted with LucidPort's APIs. These APIs abstract USB operations to reads and writes.

User guides, schematics, and BOM details are also shipped with the kit.

Pricing and Availability



The L800 samples in April, 2007 with a lead free 108-ball BGA package (11x11mm, 0.8mm pitch). The L800 is priced at \$4.98 for 400,000 quantities.

About LucidPort Technology

LucidPort Technology, Inc. is a fabless semiconductor company developing Certified Wireless USB controllers powered by Ultra Wide Band (UWB) technology. LucidPort's controllers add wireless functionality to peripherals like printers, scanners, cable modems, TV tuners, external hard drives, and many other peripherals and consumer devices. LucidPort's technologies apply advanced hardware with integrated software to create flexible, high performance, and easy to use wireless products. LucidPort is headquartered at 335 Pioneer Way, Mountain View, CA 94041, 650-968-6800, www.lucidport.com

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