LucidPORT

For Immediate Release

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LucidPort Introduces Low Cost Wireless USB Peripheral Controller

Intel Developer Forum, San Francisco, CA – September 17, 2007 – LucidPort Technology today introduced its second wireless USB chip, the L802. The low cost component in the L800 family, the L802 is a general purpose controller chip based on Certified Wireless USB from the USB-IF. The L802 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 integrates all the functions required by the Certified Wireless USB protocol, including beaconing, association, and encryption.

"Cost is the major barrier to Wireless USB adoption today." said Reid Augustin, VP, Product Development at LucidPort. "The L802 combines core functionality with programmable flexibility to achieve dramatic cost savings". Its descriptor based architecture allows the L802 to be optimized for different usage models. Configurable to meet different USB class requirements, the L802 is ideal for use in printers, scanners, digital cameras, and other peripherals.

L802 Key Features:
- Supports all functions required by the Certified Wireless USB and WiMedia protocols
- Transfer speeds up to 480Mbps
- Integrated association logic (including Diffie-Hellman for numeric association)
- The L802's interface connects directly to a system's memory bus
- Works in conjunction with external DMA controllers
- Compatible with USB class drivers for easy software development (Mass Storage, MTP, Printer, Video, and other class drivers)

Development Tools

LucidPort provides a Reference Design Kit (RDK) which includes a PCI adapter board with the L802 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 L802 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 Wireless USB operations to reads and writes.

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

Pricing and Availability

The L802 is sampling now and begins mass production in Q4, 2007. It comes in a lead free 108-ball BGA package (11x11mm, 0.8mm pitch). In large quantities, the L802 is priced around $4.50.

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, digital cameras, 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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