

## **One-Chip PCIe to UART Serial Bridge Designed for Low Power Consumption**



Pericom Semiconductor announced a PCI Express SBridge (serial bridge) product family, offering a one chip device for the CPU to UART (Universal Asynchronous Receiver Transmitter) I/O market. The product family consists of three different UART port count configurations: two ports (PI7C9X7952), four ports (PI7C9X7954), and eight ports (PI7C9X7958). The product family is designed for low power consumption and small package size, optimized PCB layout, and it fully meets the requirements of the latest PCI-SIG PCIe 1.1 and PCI 1.2 specifications. It is also listed on the PCISIG certification list. Additional features include high performance 16C950 (RS-232) UART ports, backward compatibility to 16C550/650/750/850 software, support for baud rates to 62.5Mb/sec (sync mode), RoHS compliance and small footprint packages (PQFP and BGA), a customer programmable EEPROM port, and software drivers for major operating systems.

### **Pericom Semiconductor**

800-435-2336, [www.pericom.com](http://www.pericom.com) [1]

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[1] <http://www.pericom.com/>