PLX Technology Acquired Oxford Semiconductor in January 2009

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OXCFU950

16 bit PC card / CF+ bridge to serial and USB host port

Description

Combining Oxford Semiconductor's high performance USB Host Controller, UART and 16-bit PC Card/Compact Flash technology, the OXCFU950 is the ideal connectivity solution for products that need to bridge multiple or high data rate devices to 16-bit PC Card or Compact Flash interfaces including: Cellular EvDO/WCDMA/HSDPA, Bluetooth 2.0 and Mobile Digital TV modules.

This highly integrated device is backed by certified device drivers, for a wide range of operating systems, to deliver ultimate performance with reduced design cycles and accelerated time to market.

The OXCFU950 is a single chip; serial and USB host port solution for 16-bit PC Card and Compact Flash based bridging applications. The device incorporates Oxford Semiconductor's high performance, feature-rich USB host and UART technology that deliver the industry's fastest throughput and unrivalled flexibility in a class leading connectivity solution.

Features

o Compliant with USB 2.0/1.1, up to 12 Mbps
o Integrated OHCI compatible host controller and PHY
o Supports USB suspend/resume
o 8K Byte USB data buffer
o High performance UART with peak asynchronous data rates up to 12Mbps
o Deep 128-Byte receive/transmit FIFOs
o Full modem interface with hardware out of band flow control
o Flexible clock prescalar allows for a wide range of baud rates
o Infra-red (IrDA) receive and transmit
o 4 GPIOs
o 16-bit PC Card 8.1 and CF+ 3.0 compliant
o 3.3V operation with 5V Tolerant IO
o Integrated EEPROM for CIS and device configuration
o Low standby and operational power consumption
o Industrial temperature range (-40 to +85°C)
o Certified device drivers for a wide range of operating systems

Development Support

Design and evaluation of the OXCFU950 is easy with an available evaluation kit that includes everything needed for PC installation and evaluation. The kit includes Oxide, an intuitive graphical user interface development tool that provides simple 'point and click' feature selection and text box entry for fast, error free customization with minimal software expertise.

Ordering Information

Device	Development Kit
OXCFU950	EV- OXCFU950

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[EV-OXCFU950](#) [OXCFU950-QFAG](#)