Adaptateur FireWire 800+400 PCI Express 3 ports



Référence article PX-F84-11

Description du produit

Adaptateur FireWire 800+400 PCI Express 3 ports, www.ioi1394.com FWB-PCIE1X21A

Key Features:

Host Bus: 1-lane 2.5 Gb/s PCI Express
Eight (8) isochronous transmit/receive contexts
Deep 8 Kbyte isochronous transmit/receive FIFOs
Complies with 1394 OHCI draft 1.2
Three external 1394 ports
Bilingual ports with Screw Holes for thumbscrew locking Type 1394b Cable

PCI Express:

Designed for compliance with PCI Express.
Multiple virtual channel (VC0,VC1) support fordiffe-rentiating 1394 isochronous traffic.
Supports eight user-programmable traffic classes.
64-bit and 32-bit platform support.
Interrupts via legacy INTx interface or message sig-naled interrupt (MSI).
Supports PCI Express clock power management viaCLKREQN signal for form factors that support thisprotocol.
Supports all linkpowermanagement states (L0,L0s,L1,andL2/L3) and active state power management(ASPM).
Supports wake-up from a low-power state via in-bandbeacon signaling and side-band WAKE_N signal.

OHCI (Open Host Controller Interface)

Enhanced with the OHCI 1.2 draft specification for 1394b-2002 PHY full operational compliance.
OHCI 1.0 backwards compatible. Configurable via EEPROM to operate in either OHCI 1.0 or OHCI 1.1 mode.
8 Kbyte isochronous transmit FIFO.
4 Kbyte asynchronous transmit FIFO.

8 Kbyte isochronous receive FIFO.
8 Kbyte asynchronous receive FIFO.
Dedicated asynchronous and isochronous descriptor-based DMA engines.
Eight isochronous transmit contexts.
Eight isochronous receive contexts.
Supports parallel processing of incoming physical read and write requests.
Supports up to 48-bit addressing per OHCI specifica-tion for the physical DMA transfers.

1394b-2002 Link

Cycle master and isochronous resource manager capable.
Supports 1394a-2000 and 1394b-2002 acceleration features.

1394b-2002 PHY

Provides three IEEER 1394b-2002 compliant ports sup-porting 1394b-2002 speeds of 800 Mbits/s and 400Mbits/s while maintaining
backward compatibility to IEEE 1394a-2000 speeds of 100 Mbits/s, 200Mbits/s, and 400 Mbits/s over 4.5 m copper.
Fully supports provisions of IEEE 1394a-2000 and 1394-1995 standards for high-performance serial bus.
Link is not required for hub operation.
Supports extended BIAS_HANDSHAKE time for enhanced interoperability with camcorders.
Does not require external filter capacitor for PLL.
Supports arbitrated short bus reset to improve utiliza-tion of the bus.
Supports ack-accelerated arbitration and fly-by concat-enation.
Supports PHY pinging and remote PHY access pack-ets.
Fully supports suspend/resume.
Reports cable power fail interrupt when voltage at CPS ball falls below 7.5 V.

Number of Ports:

Two Bilingual ports with Screw Holes for thumbscrew locking Type 1394b Cable+ One Firewire 1394a Cable Port

Bus Power Connector:

Big IDE 4-pin DC Power Connector

Autres images

