

CI-68000 IEEE1394b (FireWire800) PCI Express Card

- ✓ Full x1 PCI Express Throughput, 250Mbytes/sec
- ✓ Fully Compliant with PCI Express Base Specifications, Revision 1.0a
- ✓ PCI Express Advanced Error Reporting Capability Including ECRC Support
- ✓ Texas Instruments 1994b OHCI-Lynx Chip built-in
- ✓ FireWire Speed up to 800Mbps (=100MB/S)
- ✓ 2 Bilingual 9-pin + 1 legacy 6-pin External Connectors
- ✓ Supports 1 External Bilingual 9-pin Connector
- ✓ Supplies Bus power to IEEE1394 Bus
- ✓ Supports "hot swapping" and "plug-and-play"
- ✓ Compatible with 1394a and 1394b devices
- ✓ Optional DV Software KIT bundled
- ✓ Supports PC and Apple Power MAC Systems



INTRODUCTION

The CI-68000 PCI Express IEEE1394b (FireWire800) PCI Express Card provides a reliable solution for PC computers to connect to IEEE1394b FireWire800 and 1394a (FireWire400) peripherals.

The CI-68000 improves throughput and increased bandwidth make it ideal for today's high-end PCs and open the door for the development of S800 RAID- and SAN-based peripherals. It also provides better support DV and MPEG data stream reception and transmission.

The CI-68000 supports up to 63 IEEE1394b FireWire800 devices, including digital video camcorders, and high-resolution color printers. With its complete hardware and OS support, the CI-68000 provides a true high performance I/O solution for users are demanding the IEEE1394b consumer and professional devices.

SPECIFICATIONS

System

For x1 PCI Express Bus Systems

PCI Express Interface

Fully Compliant with PCI Express Base Specifications, Revision 1.0a

IEEE1394b FireWire800 Ports

The CI-68000 provides 3 IEEE1394b ports (2 bilingual and 1 legacy connectors), it supports

up to 63 devices. Their key benefits are:

- ✓ Fully Interoperable with FireWire Implementation of IEEE 1394a, 1394b
- ✓ Supplies 18 watts power over FireWire bus
- ✓ Provides digital video and audio performance enhancements
- ✓ Supports both 9-pin and 6-pin cables
- ✓ "Hot swapping" to connect/disconnect devices without turning off the computer

Data Transfer Rate

- Up to 2.5Gb/S (250MB/S) PCI Express Burst Rate
- 800Mbps IEEE1394b FireWire800 Transfer Rate

IEEE1394 Devices

Supports up to 63 IEEE1394 devices, including hard drives, CD-ROMs, DVDs, Desktop Digital cameras, digital VCRs, high resolution color printers, scanners, Video Cable Set-Top Boxes, and more.

I/O Hardware

External: two 9-pin 1394b and one 6-pin IEEE1394a connectors

Software Options

Ulead VideoStudio, MediaStudio or MGI VideoWave

OS Support

Windows 98SE, Me, 2000, XP, 2003, Mac OS

Form Factor

4.72" x 2.67" (12.0cm x 6.78cm)
