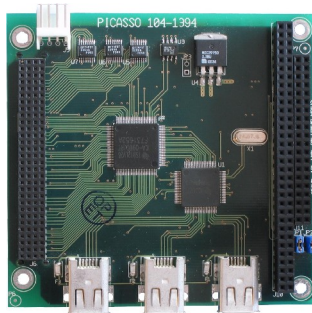


Datasheet picasso™ 1394 model



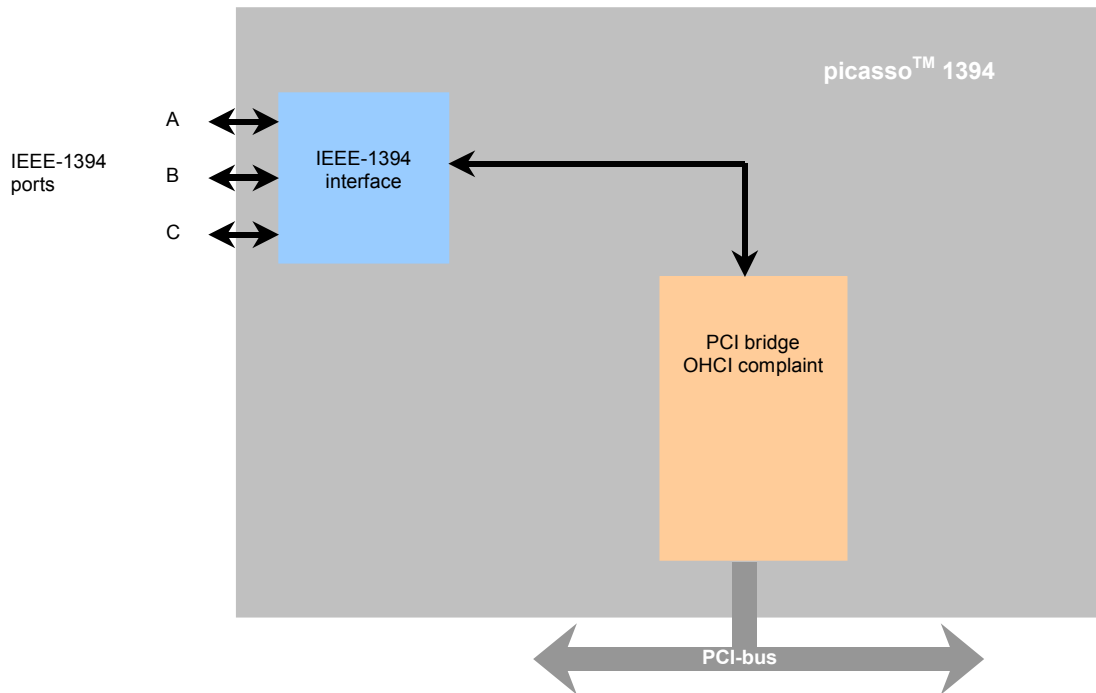
Key features

- digital IEEE-1394 (FireWire) interface
- compliant with the Open Host Controller Interface (OHCI)
- available as PC/104*plus* form factor
- three IEEE 1394 ports
- supports up to 62 IEEE-1394 devices in a tree connection topology
- up to 400 Mbit/s
- power for IEEE 1394 drawn directly from host power supply

General

The picasso™ 1394 series consists of one model: 104-1394. This model has digital IEEE-1394 ports to interface with FireWire cameras. Windows 2000 (SP3 or higher), Windows XP and Linux support this board without additional drivers, because the board is compliant to the Open Host Controller Interface (OHCI).

Architecture





Technical Specifications

picasso™ 1394 model

	PC/104 plus
PCI Bus	PC/104plus 1.1 3.3V or 5V OHCI compliant 32-bit PCI interface PCI bus master up to 132 Mbytes/sec. Supports zero wait state burst transfers Plug and play
Video input data	three IEEE-1394 ports 100, 200 or 400 Mbit/s
max IEEE 1394 cable length	4.5 meter
IEEE1394 Connector	6-pins 1394a-IEEE connector
12 V power connector	floppy drive power connector
Dimensions (mm)	90 x 96
Power consumption	1.25 W typical (without external FireWire devices)
power for IEEE 1394 devices	12V, max 1.5 A per IEEE 1394 connector
Operating temperature	0° C to 70° C
Operating Systems	Windows 2000 SP2 or higher / Windows XP or newer Linux



Options

Hardware modifications

PC/104 stack through connector