

Features

- Single channel HD68 interface
- Supports ULTRA320 SCSI
- Single-wide 32/64 bit, 33/66/100/133 MHz PMC with universal voltage signaling
- LED indicators for Activity, Terminator Power, Heartbeat and Terminator Active
- Up to 320 MB/s throughput
- Can be mounted in CPUs with stiffener bar
- Selectable Term Power and Terminator Enable
- Supports LVD and single-ended SCSI signals
- Backwards compatible with Fast SCSI, ULTRA SCSI, ULTRA2 SCSI, and ULTRA160 SCSI
- Drivers available for Solaris, Linux, and Windows 95/98/NT/2000/XP



PMC-USCSI320 provides a single channel high-performance ULTRA320 SCSI adapter for a PMC carrier board in VME, CompactPCI, or PCI-based systems. It is ideal for disk, tape, CD-ROM or other storage media and SCSI peripheral applications. The cards supports single-ended or differential signaling for asynchronous or synchronous SCSI operations. Flexible physical I/O access is available via a 68-pin SCSI-III front-panel connector.

This PMC features the LSI Logic LSI53C1020 ULTRA320 SCSI controller, with Fusion-MPT architecture processor support. It allows bus transfer rates up to 320 MB/s synchronous across a 16-bit SCSI bus. The card supports DMA with 256 bytes of FIFO. Interrupt is supported via PCI pin INTA#.

PMC-USCSI320 is compliant with standard single-wide PMC IEEE P1386.1 and PCI 2.2 specifications.



PMC-USCSI320

Specifications continued

Specifications

Form Factor

- Single-wide PMC

PCI Interface

- 33/66/100/133 MHz, 32/64-bit, master/slave
- 3.3/5V signaling
- PCI Protocol and Electrical Rev. 2.2

PMC Conformance

- 64-bit PMC specification IEEE P1386.1

SCSI Controller

- LSI53C1020

Number of Ports

- One

Protocols

- Fast SCSI, ULTRA SCSI, ULTRA2 SCSE, ULTRA160 SCSI, and ULTRA320 SCSI

DMA FIFOs

- 256 bytes total

Front Panel I/O

- HD68 SCSI III connector

Rear Panel I/O (P4)

- None

Dimensions

- 74.0 mm x 149.0 mm

Weight

- 0.085 kg (0.1875 lbs)

Power Requirements

- +3.3 VDC at 1.4A (typical)
- +5 VDC at .177A (typical)

Temperature

- Operating: 0° to +70° C
- Storage: -40° to +85° C

Humidity

- 5% to 95%, non-condensing

Ordering Information

PMC-USCSI320

Single channel ULTRA320 SCSI PMC

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