

PCI-7853/PCI-7854



High Speed Link Master Controller Interface Cards



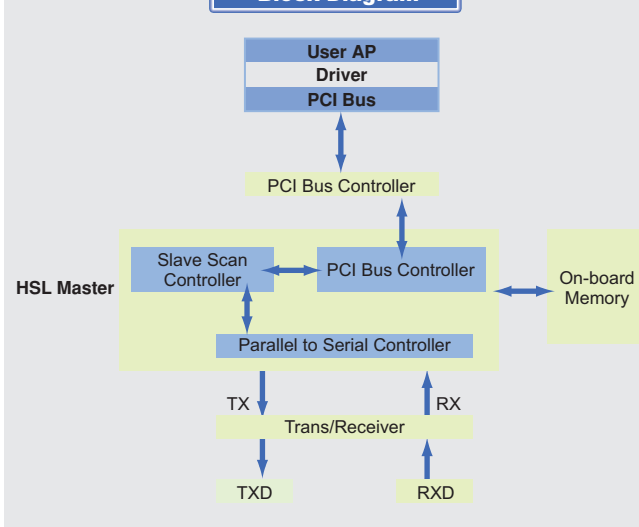
Features

- Single/dual independent network operation
- One network port with 2 separate connectors
- Max. 300m x 2 communication distance at 3 Mbps
- Transmission speed: 3M/6M/12M bps, control by software
- Transmission mode: full/half duplex, control by software
- On board memory
- Programmable timer interrupt
- Supports HUB & Repeater
- RJ45 phone jack for easy installation
- LED diagnostic

Specifications

- PCI local bus specification Rev. 2.1 compliance
- Master controller ASIC
- Built-in 32KB SRAM for PCI-7853; built-in 32KB x 2 for PCI-7854 and PMC-7852
- Full/Half duplex, RS-422 with transformer isolation
- Transmission speed: 3/6/12M bps
- PCB Dimensions: 122 (L) x 107 (W) mm
- Operating Temperature: 0 to 70°C
- Storage Temperature: -20 to 80°C
- Power Consumption: +5V @500 mA typical
- Pin Assignment

Block Diagram



Software Support

- Windows XP/2K Library
- Linux Driver for Redhat kernel 2.4.x
- Link Master Utility
- HSL OPC Server

Ordering Information

| | |
|----------|---|
| PCI-7853 | Single HSL master controller card with two separate connectors |
| PCI-7854 | Dual HSL master controller interface card with four separate connectors |

