PCI-7853/PCI-7854

High Speed Link Master Controller Interface Cards
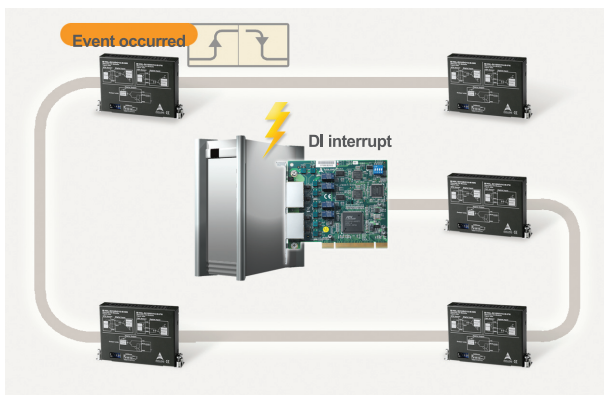

Block Diagram
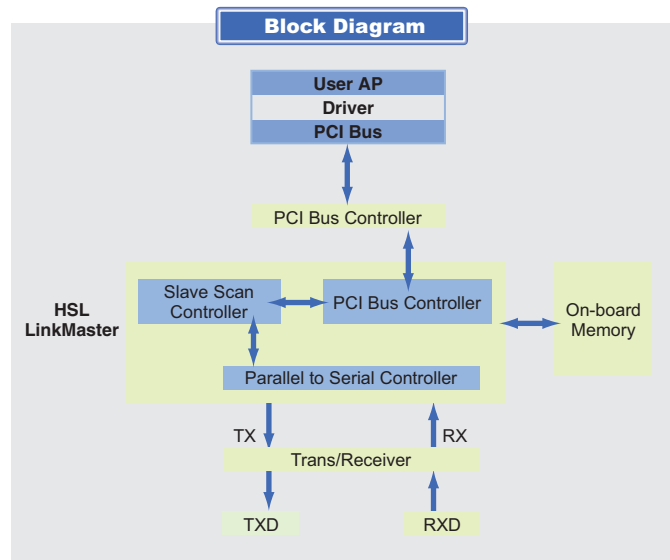
Features

- *Single/Dual independent network operation*
- *Programmable timer interrupt*
- *RJ-45 phone jack for easy installation*
- *Software selectable transmission speed and mode*
- *Supports HSL-HUB3 and HSL-Repeater*
- *DI data transmission interrupt*

DI Interrupt Function

- *HSL system DI interrupt*
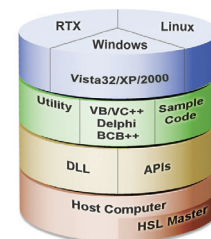- *Any channel of every ID can be set interrupt*

Software Support

- *Windows® Vista32/XP/2000 Library*
- *Linux Driver for Redhat kernel 2.4.x*
- *HSL LinkMaster Utility*
- *HSL OPC Server*

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/H alf duplex, RS-485 with transformer isolation*
- *Transmission speed: 3/6/12 Mbps*
- *PCB dimensions: 122 (L) x 107 (W) mm*
- *Operating temperature: 0 to +70˚C*
- *Storage temperature: -20°C to +80˚C*
- *Power consumption: +5V @500mA typical*

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