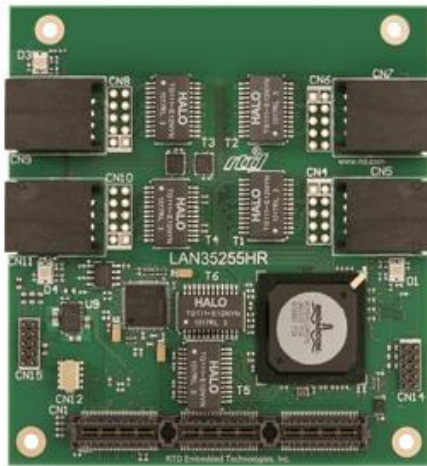


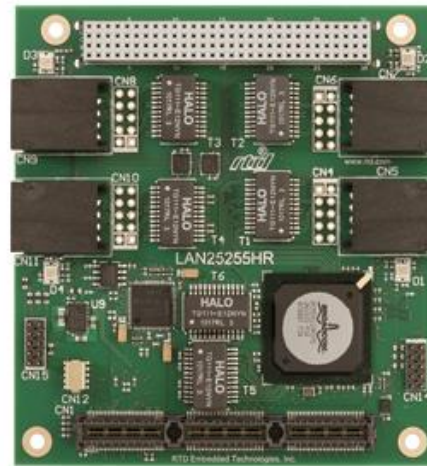
LANx5255HR

Five-Port GigE Switches in PCIe/104 and PCI/104-Express

Operating Temperature -40° to +85°C



LAN35255



LAN25255

Key Features

- PC/104 form factor
- Bus Structure Options:
 - **PCIe/104 (LAN35255HR)**
 - PCIe universal expansion bus (Type 1 or Type 2)
 - **PCI/104-Express (LAN25255HR)**
 - PCIe universal expansion bus (Type 1 or Type 2)
 - PCI pass-through expansion bus
- PCIe x1 interface
- Broadcom BCM53115 unmanaged Gigabit Ethernet Switch
 - Compliant with IEEE 802.3 and 802.3x specifications
- Four 1000/100/10 Mbps Ethernet Ports plus 1 host port
 - Auto MDI Crossover
- Intel WG82574IT PCI Express Ethernet Controller for interface to host cpuModule
- Jumbo Frame Support (up to 9KB) Onboard tri-color LEDs
- Connector for external LEDs
- Requires only +5 VDC for operation
- Return to our [Ethernet Switch selection guide](#) to view other switches including PCI Express and standalone configurations.

Description

This family of 10/100/1000 Ethernet switches offers five total ports: four ports are available on-board, and one port is available to the host CPU through a x1 PCI Express Gigabit Ethernet controller. This design allows the CPU to use the switch without the need for external cables.

ConnectorInterface

- Universal PCI Express Stack up and down connection configuration
- PCIe universal expansion bus (Type 1 or Type 2)
- PCI pass-through expansion bus (LAN25255 only)
- RJ-45 populated for Ethernet ports (0.1" 2x5 DIL connector optional)

Software

- Drivers for DOS (included on companion CD)
- Drivers for Windows XP & Windows 7 (included on companion CD)
- Open source Linux drivers included in the kernel
- Drivers included in most modern operating systems. Check with the OS manufacturer

PhysicalAttributes

- Dimensions
 - Length (L): 95.89 mm
 - Width (W): 90.17 mm
 - Stand-off Height: 15.24 mm
- Weight: Approximately 0.10 Kg
- Standard Operating Temperature, 90% humidity non-condensing: -40... +85°C
- Storage Temperature: -55... +125°C
- MTBF: 2,203,135 hours
- Input Power Requirements: +5 VDC
- Typical Power Consumption: 3.2 W with all ports linked at 1Gbps

