

StarFabric Adapter Cards



MECHANICAL SPECIFICATIONS

6U height x 80mm
32 bit, 64 -bit

BOARD SPECIFICATIONS

10-layer board
2 oz. copper power and ground
PCB UL-recognized 94V-O
PCB FR-4 or equivalent
PCB .102" thick

ABOUT STARFABRIC

The StarFabric technology addresses next-gen communications equipment requirements such as trunk speed evolution from OC3 to OC12/OC48 and beyond, allowing 10K to 100K ports per single chassis. StarFabric supports simultaneous transmission of packet, cell, and voice (TDM) traffic and provides High Availability features such as fault detection and isolation, hardware fail-over, and hot swappability. The StarFabric solution provides an elegant migration path from existing bus-based architectures like PCI, H.110, Utopia, etc. It is 100% backwards compatible to existing PCI and CompactPCI technology; so new drivers, software, etc, do not need to be created.

FEATURES

- Designed for prototyping a system using StarFabric
- Compliant to PICMG 2.17 Rev. 1.0 specification
- Converts CompactPCI bus to StarFabric links
- Accepts standard CompactPCI line cards
- Converts both 32 bit/33 Mhz and 64-bit/66 Mhz traffic
- Utilizes StarGen's SG2010 chip

