DATACOM PRODUCTS

VSC7132-01

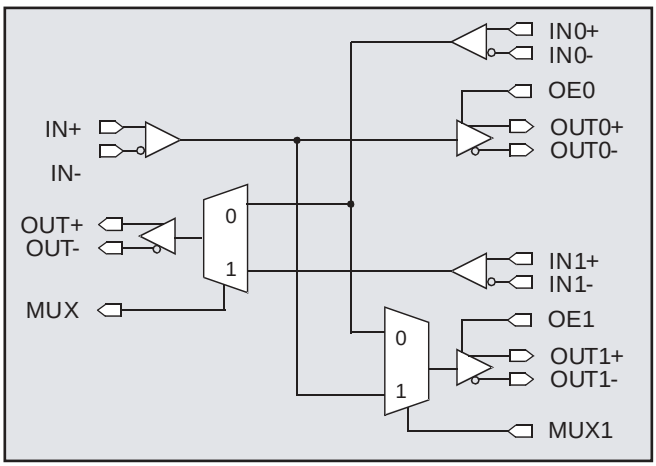
VITESSE

VSC7132-01: Link Replicator for Fibre Channel, Gigabit Ethernet and HDTV

APPLICATIONS:

- Link Replicator for:
  - Fibre Channel
  - Gigabit Ethernet
  - HDTV
- For Line Cards to Provide Redundant, Hot-Swappable Links to Redundant Switch Fabric Cards
- For Host Bus Adapter Boards for Routing Between Internal and External Connectors

VSC7132-01 BLOCK DIAGRAM:



FEATURES:

- Replicates Fibre Channel, Gigabit Ethernet, and HDTV Links
- T11 Fibre Channel Compliant at 1.0625 Gb/s
- IEEE802.3z Gigabit Ethernet Compliant at 1.25 Gb/s
- SMPTE-292M Compliant at 1.485 Gb/s
- No External Components Required

SPECIFICATIONS:

- 0.435W Maximum Power Dissipation
- 3.3V Power Supply
- 28-pin, 4.4mm x 9.7mm TSSOP Package

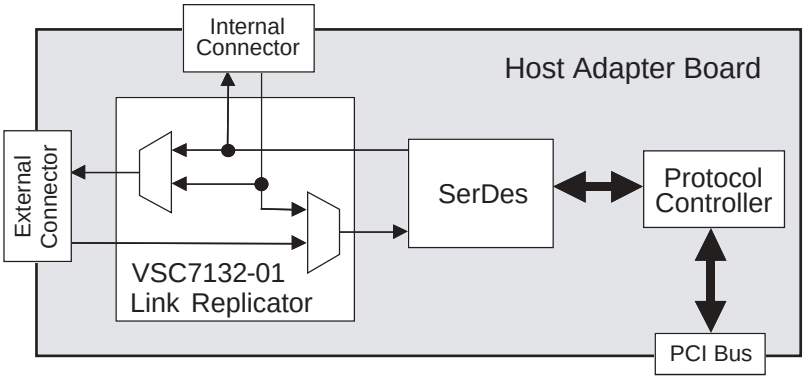
VSC7132-01

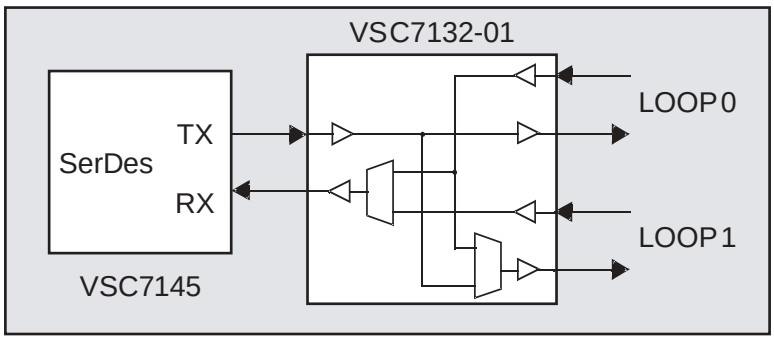
VSC7132-01: Link Replicator for Fibre Channel, Gigabit Ethernet and HDTV

GENERAL DESCRIPTION:

The VSC7132-01 is a high performance serial Link Replicator for applications in Fibre Channel, Gigabit Ethernet, and HDTV. A serializer/deserializer (SerDes), such as the VSC7145, would normally be connected to the IN/OUT ports in order to provide duplicate links on the IN/OUT ports of the VSC7132-01. A popular application is for Line Cards using serial links from a SerDes or Serial Backplane IC (VSC7226) where the VSC7132-01 provides redundant, hot-swappable links to redundant Switch Fabric Cards. Another common application is in a Host Adapter Board that may require an internal and an external connector where the VSC7132-01 steers serial data between the SerDes and the two connectors.

VSC7132-01 APPLICATION DIAGRAMS:





For more information on Vitesse Products visit the Vitesse web site at www.vitesse.com or contact Vitesse Sales at (800) VITESSE or sales@vitesse.com

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