

## Products

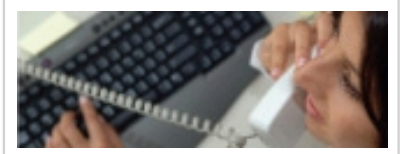
- + [Host Bridges](#)
  - + [HyperTransport Bridges](#)
  - + [PCI Express Bridges](#)
  - + [PCI Express Tools](#)
  - + [PCI/X Bridges](#)
  - + [Power Controllers](#)
  - [RapidIO Switches](#)
    - [RapidIO Gen2](#)
    - [Tsi620](#)
    - [Tsi578](#)
    - [Tsi577](#)
    - [Tsi576](#)
    - [Tsi574](#)
    - [Tsi572](#)
    - [Tsi568A](#)
    - [Tsi564A](#)
  - + [RapidIO Tools](#)
  - + [VME Bridges](#)
  - + [Design Services](#)
  - + [Intellectual Property](#)
- 
- [Technical Briefs](#)
  - + [Product Roadmaps](#)
  - + [RoHS Compliance](#)
  - + [Product Archive](#)

## Technology News

**Tundra Semiconductor Announces RapidIO Gen2 Program**  
March 31, 2009

**MUSILAND selects Tundra Semiconductor 's PCI Express Bridge**  
March 3, 2009

**Tundra Semiconductor 's PCI Express Products Selected by Nortel, EFI and AXIOMTEK**  
February 25, 2009



[Tsi572 Feature Sheet](#)  
[Technical Support Request](#)  
[Customer Support Request](#)  
[Sales Network](#)

Stay tuned for upcoming events.

### Overview

### Features

### Applications

### Resources

#### General

- ? 30 Gbps full-duplex RapidIO switch
- ? Two 4x links or up to eight 1x links
  - ? Each 4x link can be separated into two, 1x links
- ? Supports 1.25, 2.5, and 3.125 Gbaud rates
- ? Standard compliant
  - ? RapidIO Interconnect Specification (Revision 1.3)
  - ? IEEE 1149.6 AC-JTAG
- ? Socket compatible with the Tsi576

#### Performance

- ? Low latency 110 ns packet cutthrough
- ? High performance hardware multicast
- ? Performance monitoring and statistic registers
- ? Programmable buffer management
- ? Additional scheduling algorithms

#### Low Power

- ? Programmable SerDes
- ? Configurable port power down
- ? Low power
- ? 120-200mW per port

#### Package

- ? Small, 399 HSBGA, 21 mm package

#### Block Diagram

#### Ordering Information

Product Number	Temperature	Package	Pins
Tsi572-10GCL	Commercial	HSBGA	399
Tsi572-10GCLV	Commercial	HSBGA (RoHS/Green)	399
Tsi572-10GIL	Industrial	HSBGA	399
Tsi572-10GILV	Industrial	HSBGA (RoHS/Green)	399