

## Tundra Semiconductor

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### Tundra Tsi578™ Serial RapidIO Switch

The Tsi578 Serial RapidIO® Switch is setting industry benchmarks for high performance and low power consumption through an innovative feature set. It supports RapidIO version 1.3 and is ideally suited for AdvancedTCA® and MicroTCA™ backplane or local DSP connectivity. These platforms will benefit from the switch's ability to route packets to more than 64,000 endpoints, independent unicast and multicast routing mechanisms, as well as error management extensions. Scalable for a broad spectrum of wireless, networking, military, and video infrastructure applications, the Tsi578 Serial RapidIO switch enables designers to take advantage of configuration options to optimize link speed and power consumption for the application.

For more information, contact: [sales@tundra.com](mailto:sales@tundra.com)



TUNDRA®



#### FEATURES:

- › Supports 80 Gbps aggregate bandwidth
- › Up to eight 4x mode ports or 16 1x mode ports
- › Port frequency configuration to 1.25, 2.5, and 3.125 Gbaud with 8b/10b encoding
- › Integrated high-speed, full duplex SerDes with 120-200 mW per port power
- › High-performance hardware multicast
- › Advanced traffic management features

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