

## Tundra Semiconductor

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TUNDRA®

### Tundra Tsi110™

The Tsi110 is a high-performance host bridge designed for use with Freescale and IBM PowerPC processors. Ideal for power- and cost-sensitive applications, the Tsi110 integrates several communications peripherals – including two 4-lane PCI Express ports, four Gigabit Ethernet ports, and one PCI-X port. This high level of integration offers system designers numerous options for I/O connectivity and reduces external component count. The Tsi110 offers the selection of PCI/PCI-X modes, an integrated clock generator, DDR2 memory support, and the ability to configure the device as a PCI host/agent, enabling it to be used in a range of applications.

The Tsi110 is software compatible with the Tsi109™ and Tsi108™, allowing software reuse and accelerating development cycles.



### FEATURES:

- 200 MHz 60x/MPX processor bus – dual CPU support
- Quad GbE with interrupt moderation and H/W checksum support
- Two 4-lane PCI Express ports
- 64-bit 133 MHz PCI-X interface
- Designed for 200 MHz operation with only eight PCB layers
- DDR2 memory controller – up to 50 percent memory power savings compared to DDR

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

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