

Tundra Semiconductor

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Tundra Tsi109™ Host Bridge for PowerPC®

The Tundra Tsi109™ is a high-performance host bridge for PowerPC® that supports DDR2 memory, integrated clock generation, and advanced I/O such as PCI-X and Gigabit Ethernet. With dual processor support and 200 MHz bus speeds, the Tsi109 is the ideal companion chip for both Freescale MPC74xx and IBM PPC750xx PowerPC processors. System performance is enhanced through the Tsi109's advanced switch fabric, and system cost is minimized via an array of integrated functionality.

The Tsi109 simplifies system design through flexible configuration options and provides effective power management through DDR2 memory support. Customers are offered the best system performance-per-watt as well as the best system performance-per-dollar by choosing the Tsi109.

For more information, contact: sales@tundra.com



TUNDRA®



FEATURES:

- › 200 MHz 60x/MPX processor bus with dual CPU support and advanced pipeline architecture
- › DDR2 Memory Controller: Up to 50 percent memory power savings compared to DDR
- › Integrated Clock Generator with Spread Spectrum capability
- › Designed for 200 MHz operation with only 8 PCB layers
- › Low latency non-blocking internal switch fabric
- › Pin compatible with Tsi108™

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