



Home >>> Products >>> Bridges > Universe II > Technical Specifications

other Bridges



Technical Specifications

- ? Industry - proven, high performance 64 - bit VMEbus interface
- ? Fully compliant, 32 - bit or 64 - bit, 33 MHz PCI bus interface
- ? Integral FIFOs for write posting to maximize bandwidth utilization
- ? Programmable DMA controller with Linked - List mode (Scatter/Gather) support
- ? Flexible interrupt logic
- ? Sustained transfer rates up to 60 - 70 MBytes per second
- ? Extensive suite of VMEbus address and data transfer modes
- ? Automatic initialization for slave - only applications
- ? Flexible register set, programmable from both the PCI bus and VMEbus ports
- ? Full VMEbus system controller functionality
- ? Support for RMWs, ADCH, PCI LOCK # cycles, and semaphores
- ? IEEE 1149.1 JTAG testability support
- ? Available in 361dimpled ceramic BGA (DBGA) 25mm size and 313 PBGA 35mm size packages
- ? Commercial, industrial, and extended temperature grades available

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Block Diagram

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Product Ordering Information

Part Number	Frequency	Temp	Pkg	Pin
CA91C142D - 33CE	33MHz	Commercial	PBGA	313
CA91C142D - 33CEV	33MHz	Commercial	PBGA (RoHS/Green)	313
CA91C142D - 33IE	33MHz	Industrial	PBGA	313
CA91C142D - 25EE	25MHz	Extended	PBGA	313

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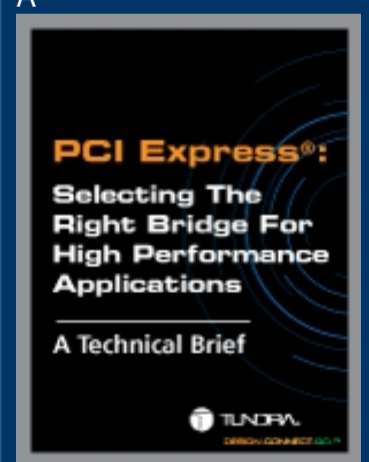
For information on part availability and pricing, please contact sales@tundra.com

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