



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

Ä

**Block Diagram**

Ä

Ä

**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

Ä

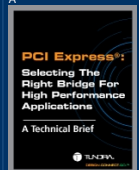
Ä

For information on part availability and pricing, please contact [sales@tundra.com](mailto:sales@tundra.com)

[EMAIL PAGE](#) [PRINT PAGE](#)

**PRODUCT SUPPORT**

- ☛ Design Support Tools Database
- ☛ Technical Knowledge Database
- ☛ Technical Request
- ☛ Contact Tundra



**NEWS:**

- 09/26/07  
Tundra Announces Mercury Computer Systems Sublicenses RapidIO Tsi578 MicroTCA Switching Module
- 09/17/07  
Tundra Broadens PCI Express Portfolio with Tsi381
- 08/27/07  
Tundra Releases Q1 - Fiscal 2008 Financial Results
- 08/21/07  
Huawei Selects Tundra's Serial RapidIO Switch for Next - Generation Systems

enter email for updates  [SUBSCRIBE](#)