

## **Customers Accelerate their Time-to-Market with new Tundra Serial RapidIO Development Platform**

Freescale Technology Forum 2006, PARIS, France, Oct. 10 /PRNewswire-FirstCall/ -- Tundra Semiconductor Corporation (TSX:TUN), the leader in System Interconnect, today announced availability of the Tundra Tsi578 Serial RapidIO Development Platform (SRDP). The addition of this design support tool, using the Tsi578 Serial RapidIO Switch, offers customers flexibility and the overall benefit of reducing both their design risk and time-to-market.

The Tsi578 SRDP, ideally suited for a broad spectrum of wireless, video, communications and military products, gives designers the ability to rapidly prototype and test interoperability using the Tsi578 Serial RapidIO Switch.

"The Tundra Tsi578 Serial RapidIO Development Platform is critical to the success of Mango DSP's products in the fields video processing & communication. Using this SRDP, we have accelerated our time to market by commencing early software prototyping. The SRDP's flexibility allows us to partition our system architecture and utilize the Tundra Serial RapidIO switch to optimize data flow between DSPs, microprocessors, FPGAs and ASICs," said Joel Rotem, Director of Technical Sales, Mango DSP.

Tundra continues to lead in the development of the RapidIO(R) standard and was the first semiconductor vendor to bring parallel and serial RapidIO switches to market. With three generations of RapidIO Switches in production or sampling and development platforms available, Tundra is recognized as a market leader. Tundra is committed to bringing high-performance RapidIO products and design support tools to market to meet the rapidly growing demand. Customers designing RapidIO-based systems that require a large number of processor, DSP and FPGA aggregation or connection from board-to-board within a chassis across the backplane, benefit from Tundra's growing serial RapidIO portfolio.

"Delivering on our commitment to lead the System Interconnect industry, this Tsi578 Serial RapidIO Development Platform offers customers a competitive edge, as they get their products to market faster using this flexible design tool," said Rick O'Connor, Chief Technology Officer at Tundra. "The modularity of this SRDP allows system OEMs to tailor their hardware platforms to emulate their end hardware configuration, which is not possible with competing solutions."

Both the Tundra Tsi568A SRDP, launched in July of 2005, and the Tsi578 SRDP leverage various industry standard mechanical connectors including, Advanced Mezzanine Card (AMC), SubMiniature version A (SMA) connectors, Hardware Interoperability Platform connectors (HIP), and a 4x I/O (input/output) differential cable connector. This level and breadth of interoperability enables a high degree of flexibility so customers can perform a range of development and diagnostic activities including, advanced traffic management, rapid prototyping and interoperability testing.

Tundra at Freescale Technology Forum in Paris, France October 10-11, 2006

Tundra is exhibiting their comprehensive line of System Interconnect products at the Freescale Technology Forum in Paris today, October 10th and tomorrow, October 11th at the Novotel Hotel and Conference Centre. Tundra's Director of Product Marketing, Tom Wilson will present to the Technology Forum on the Serial RapidIO Development Platforms and Products which Tundra offers and the evolution of the RapidIO ecosystem.

#### Availability and Design Support Tools

The Tundra Tsi578 Development Platform is available from Silicon Turnkey Express. Volume pricing for this SRDP is \$3500 USD. To order, please contact Silicon Turnkey Express at (440) 461-4700 or email [info@silicontkx.com](mailto:info@silicontkx.com)

#### About Tundra RapidIO(R) Switches

Tundra switches provide chip-to-chip interconnect between RapidIO end-points and can replace existing proprietary backplane fabrics for board-to-board interconnect. As a founding member of the RapidIO Trade Association and long-time Steering Committee member, Tundra continues to provide leadership in the development of the RapidIO standard and was the first semiconductor vendor to bring Parallel and Serial RapidIO switches to market. RapidIO is the leading serial interconnect standard for embedded systems and is supported by industry leaders such as, Alcatel, AMCC, EMC Corporation, Ericsson, Freescale Semiconductor, Lucent Technologies and Texas Instruments. The Tundra family of RapidIO switches includes the Tsi578, Tsi574(TM), Tsi576(TM), Tsi568A(TM), Tsi564A(TM) and Tsi500(TM).

#### About Tundra

Tundra Semiconductor Corporation ([www.tundra.com](http://www.tundra.com)) is the global leader in System Interconnect providing world-class support and leading edge semiconductor solutions to the world's foremost communications, networking, storage system, and information technology vendors. Consistently delivering on system level performance promises that reduce time to market, Tundra System Interconnect ensures market advantage in wireless infrastructure, storage networking, network access, military, industrial automation, and information technology applications.

#### About Silicon Turnkey Express

Silicon Turnkey Express, STx, is a designer and manufacturer of (ODM) Original Design Manufacturer reference platforms. STx focuses on providing integration, support, and design services to semiconductor suppliers as well as ODM production ready embedded reference boards and software. STx provides a "concept to production" solution by offering custom design, integration services and Electronic Manufacturing Services. Learn more about STx at [www.silicontkx.com](http://www.silicontkx.com).

Attachments: Tsi578 Product Photo

<[http://www.tundra.com/news.aspx?bid=1054&id=621&show\\_sublevel\\_id=466](http://www.tundra.com/news.aspx?bid=1054&id=621&show_sublevel_id=466)> Tsi578 Serial RapidIO Development Platform Photo

<[http://www.tundra.com/uploadedImages/News/Media\\_Resources/Image\\_Library/Tsi578SRDP.jpg](http://www.tundra.com/uploadedImages/News/Media_Resources/Image_Library/Tsi578SRDP.jpg)> Tundra Semiconductor SRDP Feature Sheet

<[http://www.tundra.com/uploadedFiles/Products/Product\\_Families/Switches/](http://www.tundra.com/uploadedFiles/Products/Product_Families/Switches/)

Tsi578/Tsi578FS.pdf> Tundra Semiconductor Products <<http://www.tundra.com/products.aspx>>

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Development of the Tsi578(TM) was made possible in part with the assistance of the Technology Partnerships Canada Program.

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