



## "StarBridge, announces availability of Gen2 Serial RapidIO XMC module"

Tokyo, Japan - March 1st, 2012

**StarBridge, Inc.** has selected IDT's PCI Express Gen 2 to RapidIO Gen 2 bridge its **RapidExpress-XMC** products that enable easy aggregation of high performance compute and I/O nodes via a high speed RapidIO network at 20 Gbaud per link on XMC of VME or CompactPCI CPU cards. The IDT-enabled **RapidExpress** solutions are ideal for prototype and production systems in industrial, imaging and server applications.

The IDT Tsi721 PCI Express (PCIe) to Serial RapidIO bridge is at the heart of the **StarBridge RapidExpress-XMC** card solution for the embedded system processor cards such as VME and CompactPCI bus platform, enabling the translation of the PCIe protocol to RapidIO and vice versa at up to 20 Gbaud. The PCIe protocol allows for Intel, AMD and other PCIe-enabled processors to be used in a large peer-to-peer multi-processing environment, while the Serial RapidIO protocol provides a scalable, high-throughput, low-latency, fault tolerant interconnect for straightforward architecting of peer-to-peer processing clusters. The IDT solution offers superior throughput, latency and overall system-level power as compared to solutions for other interconnect protocols such as 10GigE and InfiniBand(r).

### Part Number: SREX01

Features:

<SRIO DEVICE>

- IDT Tsi721 PCIe2-to-SRIO2 protocol conversion bridge

<LINK INTERFACE>

- One 4-lane Serial RapidIO Gen 2 port.
- QSFP connector, copper or optical transceiver supported

<STATUS INDICATOR>

- SRIO port status
- IDT Tsi721 device status; PCIe link, Interrupt pending, ECC error.
- QSFP module status

<OTHER FUNCTION>

- JTAG interface
- VITA42 Compliant



Availability: March 2012.

Information on these products can be found at [www.starbridge.co.jp](http://www.starbridge.co.jp) or via email at [contact@starbridge.co.jp](mailto:contact@starbridge.co.jp).

