

May 27th, 2011

Silicon Turnkey Express, announces availability of Second Generation Serial RapidIO Development Platform.

Highland Heights, Ohio: Silicon Turnkey Express (“STx”) today announced the immediate availability of a second generation (“Gen2”) Serial RapidIO® (“S-RIO”) development platform (“SRDP2”) utilizing S-RIO Gen2 switches and high performance clocking devices from Integrated Device Technology (“IDT”). IDT’s CPS-1848 S-RIO Gen2 switch provides a non-blocking bandwidth of 240 Gbps and can be configured as 12x4/18x2/18x1 with each serial lane supporting up to 6.25 Gbaud. IDT’s SPS-1616 Security Enabled S-RIO Gen2 switch enables creation of scalable, stackable systems with up to 20 Gbps between chassis without having to use expensive encryption processors to support the LTE standard.

The SRDP2 is designed for S-RIO prototyping systems with many connections to a variety of development platforms for DSPs, FPGAs and microprocessors. SRDP2 platforms can also be chained together to prototype almost any size system and topology. Each SRDP2 provides 3 AMC B+, 2 SFP+, 1 QSFP, 4 InfiniBand/CX4 and an SMA array of connectors. The SRDP2 is packaged with a license for RapidFET™ JTAG Standard software from Fabric Embedded Tools Corporation (“FETCorp”). The RapidFET™ JTAG Standard edition provides basic register access via the JTAG port including EEPROM programming, scripting and other capabilities. Customers can easily upgrade RapidFET™ JTAG Standard to RapidFET™ JTAG Enhanced or RapidFET™ JTAG Professional via FETCorp’s website at <http://www.fetcorp.com>. RapidFET™ JTAG Enhanced provides significant advanced capabilities specifically for Gen2 switch Port/Lane and SERDES control, while RapidFET™ JTAG Professional goes beyond single switch control to provide entire S-RIO system debug and network management capability.

Robert Applebaum, STx’s CEO, stated “We are delighted to continue to support the leadership of IDT’s S-RIO interconnect solutions. Building on a base of hundreds of first generation S-RIO development platform customers worldwide, IDT and STx provide a broad portfolio of tools and development platforms for defense, servers and storage, aerospace, imaging and wireless markets. IDT’s second generation of S-RIO solutions expands IDT’s market leadership in S-RIO by supporting serial link speeds of up to 6.25 Gbaud.”

Stephane Gagnon, Director of Product Management for IDT, said “STx’s global logistics, sales and support capabilities for SRDP2 offer IDT’s extensive worldwide customer base a proven platform for efficient prototyping and developing software and firmware in advance of the availability of their hardware.” Mr. Gagnon continued, “Our customers can benefit from the availability of SRDP2 in the S-RIO ecosystem. Together with diagnostic tools from Fabric Embedded Tools Corporation, IDT’s customers can configure IDT Gen2 switches on their boards with a simplified out-of-the-box user experience.”

SRDP2 Features

SRDP2 Features include: Link Speed: 6.25, 5, 3.125, 2.5, 1.25 Gbaud; Protocol: S-RIO Gen1 (v1.3) or S-RIO Gen2 (v2.1); LA Probe: ½ Mid-bus footprint for all 58 S-RIO lands; 3 AMC B+ connectors: 4x S-RIO link, Ports 4-7 & 8-11 (no support on IPMC and JTAG); 2 SPF+ connectors: 1x S-RIO link; 1QSPF connector: 4x S-RIO link; 4 InfiniBand/CX4 connectors: 4x-SRIO link; SMA arrays; ; JTAG header I2C for both S-RIO switches; One I2C EEPROM per switch.

Pricing and Availability

The SRDP2 can be purchased from STx for USD \$4,950 at STx's on line store, <http://store.silicontkx.com>, or by calling STx at 1-800-827-2650. Additional information can be obtained at www.silicontkx.com/products.htm.

[About Integrated Device Technology, Inc.](#)

Integrated Device Technology, Inc., the Analog and Digital Company™, develops system-level solutions that optimize its customers' applications. IDT uses its market leadership in timing, serial switching and interfaces, and adds analog and system expertise to provide complete application-optimized, mixed-signal solutions for the communications, computing and consumer segments. Headquartered in San Jose, Calif., IDT has design, manufacturing and sales facilities throughout the world. IDT stock is traded on the NASDAQ Global Select Stock Market® under the symbol "IDTI." Additional information about IDT is accessible at www.IDT.com. Follow IDT on [Facebook](#), [LinkedIn](#), [Twitter](#), and [YouTube](#).

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[About Fabric Embedded Tools Corporation](#)

Fabric Embedded Tools Corporation (<http://www.fetcorp.com>) is the leading provider of RapidIO software, network management and diagnostic tools. The company delivers innovative solutions that shorten product development and testing cycles, and reduce technology risks and time-to-market. Through its unwavering commitment to delivering powerful, time-saving tools and services, excellence in customer support, and strong partner relationships, FET meets the needs of semiconductor vendors, single board computer vendors, and OEMs across the embedded industry.

[About Silicon Turnkey Express](#)

Silicon Turnkey Express, 749 Miner Road, Highland Heights, OH 44143 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, low cost variations of reference boards, integration services and Electronic Manufacturing Services. Learn more about STx at www.silicontkx.com.