**FOR IMMEDIATE RELEASE**

**[SAMTEC LOGO] November 2019**

**Samtec and REFLEX CES Launch** **New 448 Gbps (16 x 28 Gbps) Embedded Optical Development Platform at SC19**

**New Albany, IN and Paris, France:** Samtec Inc., a privately held $822 MM global manufacturer of a broad line of electronic interconnect solutions, and REFLEX CES, a leading European-based provider of custom embedded systems and high-end FPGA COTS boards, proudly announce a new embedded optical development platform at SC19. This new solutions combines the latest FPGA solutions from REFLEX CES with the [FireFly™ Micro Flyover System™](https://www.samtec.com/optics/optical-cable/mid-board/firefly) from Samtec.

The [Sargon Stratix® 10 FPGA FMC+ Instant Development Kit](https://www.reflexces.com/intel-fpga/stratix-10-intel-fpga/sargon-instant-development-kit-stratix-10-fpga-fmc-idk) from REFLEX CES provides FPGA developers the best out-of-the-box experience, combining the best in class compact hardware platform with the most efficient intuitive software environment.

Its unique install allows an immediate start, and its reference designs enable fast turn-around designs, shortening and securing developments. Target markets include High Performance Computing and IP & ASIC Prototyping.

Samtec’s [25/28 Gbps FireFlyTM FMC+ Development Kit](https://www.samtec.com/standards/kits/25g-28g-firefly-fmcp) provides up to 448 Gbps full-duplex bandwidth over 16 channels from an FPGA to an industry-standard multi-mode fiber optic cable or optical loopbacks.

The FireFly optical engines can support cable lengths up to 100 m. The module supports Data Center, HPC and FPGA-to-FPGA protocols including Ethernet, InfiniBandTM, Fibre Channel and Aurora.

“The combination of FPGA expertise from REFLEX CES and optical connectivity from Samtec offers designers easy-to-use development platforms, “said Eric Penain, Chief Business Officer for REFLEX CES. “Our unique partnerships with the leading FPGA and interconnect vendors enable unique solutions in industries ranging from AI and FinTech to ASIC emulation and IP development.”

“Optical connectivity continues to grow inside and outside the data center,” said Matt Burns, Technical Marketing Manager for Samtec, Inc. “Samtec’s optical FireFly™ Micro Flyover System™ offers an ideal solution for mid-board optical connectivity in High Speed Communications, Mil/Aero, Medical Vision, FPGA emulation and a number of other applications”

The demonstration will be conducted in Booth 343 at SC19 at the at the Colorado Convention Center in Denver from November 18-21, 2019.

The respective kits are available from REFLEX CES, Samtec and their authorized distributors. For more information, please contact the technical experts at REFLEX CES (sales@reflexces.com) or Samtec (FireFlyTPS@samtec.com).

**About Samtec, Inc.**

Founded in 1976, Samtec is a privately held, $822 MM global manufacturer of a broad line of electronic interconnect solutions, including High-Speed Board-to-Board, High-Speed Cables, Mid-Board and Panel Optics, Precision RF, Flexible Stacking, and Micro/Rugged components and cables. With 40+ locations serving approximately 125 countries, Samtec’s global presence enables its unmatched customer service. For more information, please visit <http://www.samtec.com>.

**About REFLEX CES**

Since 2000, REFLEX CES has been designing and manufacturing high-speed boards and rugged system solutions based on high-density FPGAs and processors. As a result, the company has vast experience in leading-edge FPGA technology, and is always at the forefront of the market and trends. REFLEX CES employs 100+ people, and is based in France (Paris area). Our R&D team of highly skilled engineers is focused on designing mid-to-highly complex boards and systems, thanks to our expertise in Hardware, Firmware, Software, Mechanics, CAD and Signal integrity. For more information, please visit <http://www.reflexces.com>.

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