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**Samtec Announces Release of New VITA 74 VNX Compliant Products**

Proven SEARAY™ Connectors Provide Reliable SI Performance in Rugged Environments

**New Albany, IN:** As an ANSI/VITA member, Samtec, a privately held $713MM global manufacturer of a broad line of electronic interconnect solutions, proudly supports the release of the new ANSI/VITA 74.0-2017 Small Form Factor Base Standard. VITA 74, also referred to as VNX, defines both the mechanical and electrical standards necessary for a small form factor (SFF) system.

Designed for deployment in rugged environments, VNX systems provide rapid serial fabric interconnects in a plug-in module format. These systems also feature improved size, weight, and power (SWaP) characteristics, crucial in an embedded system.

Samtec’s SEARAY™ right-angle connectors are featured in the VITA 74 base standard, which specifies 12.5 mm and 19 mm stack height plug-in modules. SEARAY™ right-angle is capable of speeds up to 25 Gbps, provides low insertion/extraction forces, and also features solder charge terminations. This connector was chosen based on its successful performance in the VITA 57.1 FMC Standard, as well as its high-speed capabilities and rugged design.

“The release of the ANSI/VITA 74 VNX Standard provides system designers with the ability to extend proven VPX technology into smaller form factor systems,” said David Givens, Standards Director. “Through the use of the proven Samtec SEARAY™ connectors, the Standard supports current generation rapid serial fabric interconnects such as 3rd Generation PCI Express®. Given the outstanding SEARAY™ performance, the Standard is ideally positioned to support future generation fabrics as they become entrenched in the rugged embedded system marketplace.”

For more information on Samtec’s complete line of VITA 74 VNX or SEARAY™ right-angle solutions, please email our technical experts at [VNX@samtec.com](mailto:VNX@samtec.com) or visit <https://www.samtec.com/standards/vita/vnx>.

PCI-SIG®, PCI Express® and the PCIe® design marks are registered trademarks and/or service marks of PCI-SIG.

**About Samtec, Inc.**

Founded in 1976, Samtec is a privately held, $713MM global manufacturer of a broad line of electronic interconnect solutions, including IC-to-Board and IC Packaging, High-Speed Board-to-Board, High-Speed Cables, Mid-Board and Panel Optics, Flexible Stacking, and Micro/Rugged components and cables. Samtec Technology Centers are dedicated to developing and advancing technologies, strategies and products to optimize both the performance and cost of a system from the bare die to an interface 100 meters away, and all interconnect points in between. With 33 locations in 18 different countries, Samtec’s global presence enables its unmatched customer service. For more information, please visit <http://www.samtec.com>.

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