NEWS RELEASE

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OpenVPX™ Architectural Framework Specification Updated

Planned update adds enhancements for new usage models.

SCOTTSDALE, AZ, May 8, 2012 — VITA, the trade association for standard computing architectures serving critical embedded systems industries announces the ratification by ANSI of the second edition of the OpenVPX™ system specification under ANSI/VITA 65.0-2012. This is a planned update to the architecture framework that defines system-level VPX interoperability for multivendor, multi-module, integrated system environments. This release adds several profiles for payload, peripheral, and switch slots, plus profiles for backplanes to accommodate the InfiniBand® protocol and the VITA 67 coaxial connector type.

The VITA 65 working group is continually reviewing profile candidates for inclusion in the OpenVPX specification as part of their mission to support it as a living document that adapts to changing technology. The working group also clarified and reorganized several existing sections to improve consistency and usability of the specification.

“As planned in the original OpenVPX effort, we knew that the specification would need room to grow the technology and meet future industry needs without impacting current projects,” said Valerie Andrew, Chair of the VPX Marketing Alliance. “This revision has taken steps to make additions possible without disturbing existing content.”

VPX is gaining design wins in many data-intensive applications where performance in throughput and high-compute density (size) are critical factors. Example applications in which VPX systems are expected to be deployed in the coming year include signal and video processing, radar,

communications, transportation, and control and management. As new applications for VPX emerge, new requirements sometimes mean that new profiles must be defined to help guide the interoperability points necessary for integrating module to module, module to backplane, and chassis. OpenVPX will continue to evolve and incorporate new fabric, connector, and system technologies.

In support of the VPX family of specifications, VITA members have been rolling out a wide range of products suited to a variety of applications, from backplanes and chassis to 3U and 6U boards of various types. Nearly 300 products are listed in the VITA product directory under VPX, with more added each month.

Companies that develop VPX products are encouraged to contact VITA to join the VPX Marketing Alliance. For more information, visit the VPX Marketing Alliance website at www.vita.com/vpx.

The standard document is available from VITA. Logos, roadmaps and other images are available upon request.

About VITA

Founded in 1984, VITA is an incorporated, non-profit organization of suppliers and users who share a common market interest in critical embedded systems. VITA champions open system architectures. Its activities are international in scope, technical, promotional, and user-centric. VITA aims to increase total market size for its members, expand market exposure for suppliers, and deliver timely technical information. VITA has ANSI and IEC accreditation to develop standards (VME, VXS, VPX, OpenVPX, VPX REDI, XMC, FMC, etc.) for embedded systems used in a myriad of critical applications and harsh environments. For more information, visit www.vita.com.

Source: VITA