VITESSE

Print

Home » News & Events » Press Releases

Press Releases

Vitesse Adds to Gigabit Ethernet Portfolio with Industrial Grade E-StaX-34™ Device

28-port Fully Managed Layer-2 Gigabit Ethernet Switch Delivers Advanced Quality of Service (QoS) and Security Features for Industrial Telecom Applications

CAMARILLO, Calif. - June 01, 2009 -

Vitesse Semiconductor Corporation (Pink Sheets: VTSS.PK), a leading provider of advanced IC solutions for Carrier and Enterprise networks, today announced an addition to its growing portfolio of Ethernet switch solutions with the introduction of an industrial temperature version (-40°C to 100°C) of the E-StaX-34™, a 28-port switch-on-a-chip (SoC) product. Ideal for use in any industrial environment, like factory automation and production machine control, or outdoor telecom system applications, OEMs and ODMs can now extend Ethernet switch and PHY solutions beyond traditional Local Area Network (LAN) environments and cost-effectively implement a 10-fold increase in the communication rate by implementing gigabit per second switching speeds.

The E-StaX-34 features 24 x 10M/100M/1G SGMII/SerDes ports plus four 10M/100M/1G/2.5G SGMII/SerDes ports complete with stacking capability, targeting stand-alone switches up to 28-ports and stackable switches up to 384-ports, respectively. The device also provides timing and synchronization support for industrial and telecom applications such as wireless backhaul. The fast failover protection mechanism available in E-Stax-34 meets the most stringent telecom network requirements.

Building upon the proven success of the SparX™ family feature set, a widely deployed portfolio of Vitesse Gigabit Ethernet Switches, the E-StaX-34 extends the SparX family by integrating advanced Quality of Service (QoS) features such as the Vitesse Content Aware Processor (VCAP™), a Ternary Content Addressable Memory (TCAM)-based engine that delivers wire-speed packet inspection, frame filtering, rate limitation, snooping, redirect, mirroring, and accounting functionality. In addition, an advanced prioritization engine (QCL), essential to triple-play solutions and high-quality video distribution, enables application-based traffic prioritization by providing higher priority to real-time traffic, such as voice and video transmissions, versus data traffic.

"With the introduction of this new version of E-StaX-34, Vitesse now offers extended temperature range support for Gigabit Ethernet switch solutions from 5- to 28-ports," said Martin Olsen, product marketing manager for Vitesse. "With constant innovation, integration and cost-effective solutions that our world-class OEM and ODM customers require, Vitesse continuously raises the Ethernet switch technology bar."

Availability
The E-Stax-34 for industrial temperature range, VSC7407XHO-03, is available now. Vitesse provides customers with reference systems, including turnkey hardware and software packages, and responsive application team support. Vitesse's software also includes support for Power-over-Ethernet (PoE/PoE+) as well as Synchronous Ethernet solutions from various ecosystem participants.

About Vitesse
Vitesse designs, develops and markets a diverse portfolio of high-performance, cost-competitive

semiconductor solutions for Carrier and Enterprise Ethernet networks worldwide. Engineering excellence and dedicated customer service distinguish Vitesse as an industry leader in Gigabit Ethernet LAN, Ethernet-over-SONET, Fibre Channel, Serial Attached SCSI, Optical Transport, and other applications. Vitesse innovation empowers customers to deliver superior products for Enterprise, Access, Metro, and Core applications. Additional company and product information is available at www.vitesse.com.

###

Editorial Contact:
Ronda Grech
Vitesse
+1.805.388.3700
PressRelations@Vitesse.com