



TECHONLINE AND OCP-IP PARTNER TO EXPAND KNOWLEDGE ABOUT OPEN CORE PROTOCOL STANDARD

Promoting a standard for intellectual property interfaces to electronics engineers worldwide

BEDFORD, Mass. and PORTLAND, Ore. — May 25, 2004— TechOnLine, Inc., a leading provider of e-learning solutions and online resources for the electronics industry, and Open Core Protocol International Partnership (OCP-IP), a leading industry association delivering a common standard for intellectual property (IP) core interfaces, partner to expand worldwide exposure of the standards movement and to help shape, define and continue the evolution of standards for the System-on-Chip (SoC) design industry.

OCP-IP is a non-profit organization delivering an openly licensed core-centric protocol and fulfilling system-level integration requirements. The Open Core Protocol (OCP) standard, defined to support today's on-chip system-level design practices, is completely bus-independent and captures all of an IP core's communication requirements. The standard allows designers to reuse OCP-compliant cores across multiple designs, reducing development time and lowering risk and cost. OCP-IP's mission is to lead the way in industry collaboration, cooperation and openness and drive the OCP as the most widely used and adopted socket interface for SoC design.

TechOnLine delivers information and resources to a worldwide community of electronics and design engineers via www.techonline.com, arming them with the latest trends in technology to make informed design decisions. Resources on www.techonline.com allow engineering professionals to find highly specific information in multiple formats – courses, webcasts, technical papers and real-time access to hardware/software technology – to reinforce learning and meet the changing needs of its user community.

The OCP standard facilitates “plug-and-play” SoC design helping engineers exploit advanced architectural features, reduce development time and lower overall design costs. “TechOnLine is constantly on watch for new technologies and resources to provide the user base,” says Jason Ward, online community manager at TechOnLine. “With over 16 thousand TechOnLine users interested in SoC, it's imperative to keep them updated and informed of the impact the standard could have on their design process.”

“The electronics industry needs a mature and growing SoC niche to fuel the next growth cycle in the world market. It's time SoC players better understand the big picture,” says Ian Mackintosh, president of OCP-IP. “OCP-IP is leading the way in industry collaboration and sharing that ‘big picture’ idea with SoC designers.”

Now at 100 members and rapidly growing, OCP-IP provides its members with tools and services necessary for convenient implementation, maintenance and support of intellectual property interfaces; or the standard sockets that facilitate plug-and-play SoC design. Through www.techonline.com, OCP-IP is currently featuring an On-Demand webcast providing an introduction to the Open Core Protocol.

About OCP-IP

The OCP International Partnership Association, Inc. (OCP-IP) was announced in December 2001 to promote and support the open core protocol (OCP) as the complete socket standard that ensures rapid creation and integration of interoperable virtual components. OCP-IP's Governing Steering Committee participants are: Nokia [NYSE: NOK],

Continued on next page

Continued from previous page

Texas Instruments [NYSE: TXN], STMicroelectronics [NYSE: STM], United Microelectronics Corporation [NYSE: UMC], Toshiba Semiconductor Group (including Toshiba America TAEC), Sonics, and other industry leading companies. OCP-IP is a non-profit corporation delivering the first fully supported, openly licensed core-centric protocol that comprehensively fulfills system-level integration requirements. The OCP facilitates IP core reusability and reduces design time and risk, along with manufacturing costs for SoC designs. VSIA endorses the OCP socket, and OCP-IP is an Adoption Group of the VSI Alliance. For additional background and membership information, visit www.ocpip.org.

About TechOnLine

TechOnLine provides electronic original equipment manufacturers (EOEMs) with customized solutions that help them achieve design wins. Our customized online solutions are designed to build awareness, educate and train audiences, and enable the real-time evaluation of hardware and software products over the Internet. TechOnLine's solutions-including web broadcasts, online courses and online labs-provide EOEM companies with the ability to educate and impact audiences including customers, distributors, partners and employees. The TechOnLine website, (www.TechOnLine.com), provides design engineers with the information and training necessary to make more informed design decisions. Founded in 1996 TechOnLine is headquartered in Bedford, Massachusetts. For more information, visit www.techonline.com.

All trademarks and service marks are property of their respective owners.

*OCP-IP Association, Inc.
5440 SW Westgate Drive, Suite 217, Portland, Oregon 97221 USA
Tel: 1-503-291-2560 Fax: 1-503-297-1090
E-mail: admin@ocpip.org
www.ocpip.org*