

## News Release



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### **Open SystemC Initiative Ensures Global Access of IEEE Std. 1666™-2005 Language Reference Manual at No Cost to Users**

#### *Companion Open Source Proof-of-Concept Library Now Available for Public Review*

**San Jose, Calif.** – July 18, 2006 – The Open SystemC Initiative (OSCI), an independent non-profit organization dedicated to supporting and advancing SystemC™ as an industry standard language for electronic system-level design, today announced the public availability of the *IEEE 1666™ -2005 Standard SystemC Language Reference Manual (LRM)* now accessible on the IEEE website at <http://standards.ieee.org/getieee/1666/index.html>. In addition, a companion open source proof-of-concept SystemC library developed by OSCI is now available for public review and comment on the OSCI website at [www.systemc.org](http://www.systemc.org)

By making the IEEE 1666 LRM freely available worldwide, OSCI furthers its commitment to the rapid growth of a global community of system, semiconductor, intellectual property, embedded software and EDA companies. Beginning immediately, companies, universities, research institutions and individuals will be able to freely access the standard and develop applications for SystemC-based tools and technologies. The IEEE 1666 LRM will be available on an ongoing basis to download in a PDF format, at no cost to users and tool suppliers around the world.

“The opportunity to access the IEEE 1666 standard directly from the web will transcend geographic boundaries in educating people on the benefits of using SystemC for system design and verification,” said Chuck Adams, chair of the IEEE Standards Association Corporate Advisory Group at the IEEE. “By making IEEE 1666 publicly available, the potential user base

and the next generation of tools have been greatly expanded, further cultivating a healthy environment built around the standard.”

“OSCI’s main objective is to provide a standard and support it for fostering innovation and a healthy ecosystem of commercial intellectual property, tools, silicon and systems,” said Alain Clouard, chairman of OSCI. “To support this goal, we have continually provided valuable information and documentation at no cost to users as part of our open source distribution. The IEEE 1666 LRM surpasses our previous efforts in its quality and comprehensiveness. We are very satisfied and enthusiastic to make this well-defined SystemC standard available freely to the public.”

### **Open Source Library Now Available for Public Review**

An open source proof-of-concept version of SystemC library has been developed by OSCI which incorporates improvements made through the IEEE standardization process. Now open for public review and comment, the review process provides a key opportunity for individuals and companies to view implementations of the SystemC library first hand and gain invaluable insight into designing their various applications: semiconductors, models, engineering tools and more. To register and view the proof-of-concept library, please visit [www.systemc.org](http://www.systemc.org)

Ratified in December 2005, IEEE 1666 provides the definitive description and precise semantics of the SystemC class library which enables designers to accurately implement models and tools compatible to the language. Implementations can be developed with reference to the IEEE 1666 SystemC standard from the LRM alone, assuring users and tool suppliers that their design is built upon a stable and robust standard.

### **About SystemC and OSCI**

The Open SystemC™ Initiative (OSCI) is an independent, not-for-profit association composed of a broad range of organizations dedicated to supporting and advancing SystemC as an open industry standard for system-level modeling, design and verification. SystemC is a language

built in C++ that spans from concept to implementation in hardware and software. The IEEE Standards Association recently approved the standard for the SystemC library as IEEE Std. 1666™-2005. For further information visit [www.systemc.org](http://www.systemc.org)

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**Note to editors**

A quote sheet in support of the IEEE Std. 1666 can be found at [www.systemc.org](http://www.systemc.org) Graphics are available on request.