

Carbon Design Systems Adds Support for Latest Version of ARM Tools

Carbon Model Studio Generates Models for ARM RealView SoC Designer

WALTHAM, Mass. -- November 12, 2007 -- Carbon Design Systems™, the leading supplier of tools for the automatic creation, validation and deployment of virtual hardware models, today announced support for the latest version of RealView® System on Chip (SoC) Designer from ARM®.

Its Carbon Model Studio generates hardware-accurate software models that integrate into RealView SoC Designer 7.0 release for rapid development and assembly of virtual platforms to explore architectural tradeoffs and perform pre-silicon software development. These tools are used by system architects, software engineers, hardware designers and third-party intellectual property (IP) providers for fast modeling, simulation and debugging of complex SoC designs.

Carbon Model Studio eliminates the need for hand coding models of hardware because "Carbonized" models of the IP are created from their VHDL and Verilog descriptions. Its graphical interface and development environment manages all of the data from design files and build tasks. Source browsing, error navigation and project management offer a way to pinpoint problems, as well as the ability to manage different IP builds and configurations. When a change is made to the model, all of the variants can be regenerated from a single source with a single command.

Pricing and Availability

Carbon Model Studio runs on Solaris and PC platforms running Linux and Windows. Pricing for the complete model-generation and execution solution is "use-model" dependent and starts at \$82,500.

Details can be found at: <http://www.carbondesignsystems.com>.

About Carbon Design Systems

Carbon is the leading supplier of system-level tools to automatically create, validate and deploy software models generated from Verilog and/or VHDL descriptions. Carbon's models are used in conjunction with SystemC simulation platforms to enable architecture profiling and software validation in parallel with hardware development. Problems can be found and resolved early in the design cycle, rather than waiting for prototypes to be built or silicon to be delivered. Its solutions are based on open industry standards, including SystemC, SCML, Verilog, VHDL, OSCI TLM, MDI, CASI, CADI and CAPI. Carbon's customers are systems, semiconductor, and IP companies that focus on communications, networking, and consumer electronics. Carbon is headquartered at 375 Totten Pond Road, Waltham, Mass., 02451. Telephone: (781) 890-1500. Facsimile: (781) 890-1711. Web site: www.carbondesignsystems.com.