

NEWS RELEASE

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Carbon Design Systems, VeriSilicon Form IP Partnership *Pact Links VeriSilicon ZSP Models to Carbon Platform Technology*

ACTON, MASS. and SHANGHAI, CHINA — February 11, 2010 — [Carbon Design Systems](#)[™], the leading supplier of tools for the automatic creation, validation and deployment of system-level models, and [VeriSilicon](#) announced today that they have partnered to integrate VeriSilicon's ZSP® models into the Carbon SoC Designer virtual platform.

Processors from VeriSilicon, a silicon solutions company based in China, are fully integrated with SoC (system on chip) Designer and enable users to perform implementation-accurate architectural analysis and pre-silicon firmware development.

Fast, Accurate Firmware Development

“We are happy to support VeriSilicon's ZSP Digital Signal Processor cores and have VeriSilicon join our growing portfolio of IP partners,” states Bill Neifert, Carbon's vice president of Business Development. “The majority of companies developing complex SoC designs are using our SoC Designer virtual platform. This partnership will

enable those companies to design with VeriSilicon's ZSP processors and begin firmware development well in advance of actual silicon."

"VeriSilicon is committed to simplifying the steps needed to adopt our ZSP processors," adds Prasad Kalluri, VeriSilicon's corporate vice president of Engineering. "SoC designs are getting increasingly complex and system developers benefit by using a system-level modeling framework like Carbon's SoC Designer virtual platform. Partnering with Carbon to make our ZSP Digital Signal Processor cores available in SoC Designer enables our customers to start the firmware development process much earlier in the design cycle and debug with full system visibility."

The Integration

This integration links software models for the ZSP5XX and ZSP8XX series processors and debuggers directly into the SoC Designer virtual platform environment. Integrated models can take advantage of all of SoC Designer's system analysis and debug capabilities. Debug of hardware and software is synchronized to enable engineers to set breakpoints in any part of the system and immediately see the impact of hardware or software changes on the entire system.

Availability

The VeriSilicon ZSP integration is available now from Carbon Design Systems. For pricing and further details, send email to: info@carbondesignsystems.com. To learn more about Carbon Design Systems, visit: www.carbondesignsystems.com.

About VeriSilicon

Founded in 2001, [VeriSilicon Holdings Co., Ltd. \("VeriSilicon"\)](http://www.verisilicon.com) is a fast-growing IC (integrated circuit) design foundry providing custom solutions and SoC turnkey

services. It has an extensive track record of accelerating customer designs from initial specification to silicon, achieving first silicon success on time and on spec. A licensable digital signal processing (ZSP®) cores and star IP-based SoC platforms, along with value-added mixed signal IP portfolio, are key differentiators for VeriSilicon's success in a broad range of application markets. VeriSilicon has research and development centers in Santa Clara, Calif., and Dallas; Shanghai and Beijing, China; and sales and customer support offices in Santa Clara; Shanghai, Beijing and Shenzhen, China; Tokyo, Japan; Taipei, Taiwan; Nice, France; and Seoul, Korea. For more information, visit www.verisilicon.com.

About Carbon Design Systems

[Carbon Design Systems](http://www.carbondesignsystems.com) offers the leading system validation solution for complex system-on-chip (SoC) designs. Target applications range from model generation and deployment to virtual platform creation, execution, and analysis. Carbon provides 100% implementation accuracy on the critical components required for accurate architectural analysis and pre-silicon hardware/software validation. Solutions are based on open industry standards, including SystemC, IP-XACT, Verilog, VHDL, OSCI TLM, MDI, SCML, CASI, CADI and CAPI. Carbon's customers are systems, semiconductor, and IP companies that focus on wireless, networking and consumer electronics. Carbon is headquartered at 125 Nagog Park, Acton, Mass., 01720. Telephone: (978) 264-7300. Facsimile: (978) 264-9990. Email: info@carbondesignsystems.com.

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