

NEWS RELEASE

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Carbon Unveils New Generation of ARM Models with Availability of Mali Models *TLM-2.0 Interface Lets Linux Boot in Seconds While Models Retain 100% Accuracy*

ACTON, MASS. — March 8, 2010 — [Carbon Design Systems™](http://www.carbondsdesign.com), the leading supplier of tools for the automatic creation, validation and deployment of system-level models, announced today immediate availability of virtual models for ARM® Mali™ Graphic Processor Units (GPUs).

“Our new Mali models represent the first in a new generation of ARM models from Carbon,” says Tom Rathje, Carbon’s vice president of engineering. “The built-in TLM-2.0 interface gives each model the flexibility for architectural exploration, firmware development and application software development.”

These new models, including the Mali-200 and Mali-400MP, are compiled directly from the ARM® register transfer level (RTL) code and are 100% implementation accurate.

Each contains transaction level model (TLM)-2.0 interfaces to execute seamlessly with Fast Models from ARM as part of a system prototype and quickly boot an operating system such as Linux or Android. The interface and dynamic clock generation logic automatically turn the model on when it is being used and off when it is dormant. As a result, models run in a loosely timed (LT) level environment without slowing it down, except when they're active. This capability will enable the same model to be used for architectural exploration, firmware development and application software development.

Mali models also contain a cycle-accurate TLM interface and integrate directly into Carbon SoC Designer and any SystemC or RTL design environment.

Availability

Mali models are 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 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-

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