



NEWS RELEASE

Ricoh Delivers Commercial Printing Products Using Forte's Cynthesizer Signs Multi-Site Agreement Extending Existing Relationship

SAN JOSE, CALIF. — June 17, 2009 — Forte Designs Systems™ (www.ForteDS.com) today announced that Ricoh Corporation, Ltd., (www.ricoh.com) of Tokyo, Japan, has delivered a multi-million gate system-on-chip (SoC) design for its latest commercial printing products using Forte's Cynthesizer™ SystemC high-level synthesis software.

Ricoh signed a multi-site agreement in 2008, extending the existing relationship that has produced several successful projects and tapeouts. It recently completed a multi-million gate design containing complex control and datapath logic and confirmed that it plans to use Cynthesizer for the design of its future SoC projects.

"We have confirmed that we obtain the best quality and time-to-market results by incorporating Forte's Cynthesizer into our development process for complex memory access, controller, hierarchy and algorithmic construct designs," remarks Hiroki Uchiyama, general manager of Ricoh's Controller Development Division. "Cynthesizer's quality of results is better than hand-coded RTL designs and provides a significant time-to-market advantage. We are confident that using Cynthesizer in upcoming projects will continue to provide us with significant competitive advantages."

Ricoh chose Cynthesizer for its best-in-class quality of results (QoR) for control and datapath designs, advanced design and verification feature set, and use of the industry-standard SystemC language. When compared to manual register transfer level (RTL) coding, Ricoh found that Cynthesizer enabled its design team to significantly increase productivity while providing better overall QoR.

Cynthesizer's advanced features provide enhancements to Ricoh's design process while reducing risk. These features include: CynWare™ intellectual property (IP) verified interfaces and datatypes; the Behavioral Design Workbench™ (BDW) integrated automation and verification environment; and Cynthesizer's advanced algorithms for predictable timing closure. In addition, because Cynthesizer uses standard SystemC, Ricoh designers are able to add concurrency and bit accuracy, a critical element to a successful design not available in ANSI-C.

"We are extremely proud of Ricoh's successes in production designs since employing Cynthesizer in 2004," says Brett Cline, vice president of marketing and sales of Forte Design Systems. "Our expanded relationship with Ricoh proves that Cynthesizer's SystemC synthesis solution provides the results needed by leading systems and semiconductor companies."

About Forte Cynthesizer

Forte's advanced SystemC high-level synthesis technology delivers production quality register transfer level (RTL) code in one-tenth the time of hand-coded RTL designs, and eliminates downstream timing closure problems. Cynthesizer uses a high-level SystemC description to give designers the ability to build designs with custom interfaces and challenging architectural requirements not available with other C-based languages. It can retarget automatically designs to new speeds and process technologies without code changes and supports a level of reuse impossible in RTL.

About Forte Design Systems

Forte Design Systems (www.ForteDS.com) is a leading provider of software products that enable design at a higher level of abstraction. Its innovative high-level synthesis technology allows design teams creating complex electronic systems from algorithmic designs using ASICs, FPGAs, and SoCs to significantly reduce their overall design and verification time. Forte is headquartered at 100 Century Center Court, San Jose, Calif. 95112. For more information, visit www.ForteDS.com.

About Ricoh Corporation

A global leader in digital office solutions, Ricoh (www.ricoh.com) creates new value at the interface of people and information, offering a broad range of digital, networked products, including MFPs, printers, fax machines, semiconductor related products and digital cameras. With 83,400 employees worldwide (as of March 31, 2008), and \$22 billion in revenue (Year ended March 31, 2008), Ricoh is also one of the world's leading environmentalist companies, committed to sustainable business everywhere.

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