



NEWS RELEASE

Atmel and Scaleo chip announce Collaboration for Systems-on-Chip based on Atmel's AT91CAP Customizable Microcontroller

Leverages Scaleo chip's ARM-based SoC Expertise

Rousset, France, December 5, 2007... Atmel[®] Corporation (Nasdaq: ATML) and Scaleo chip, the ARM[®]-based SoC specialist, announced today a collaboration to develop systems-on-chip for their mutual clients. Atmel's AT91CAP ARM[®]-based customizable microcontroller is the basic technology for this collaboration. CAP[™] enables application developers to customize the MCU to their specific requirements. Scaleo chip will provide ARM SoC design expertise, IP blocks and customer support. This agreement leverages Scaleo chip's established easySoC[®] design methodology for rapid, low-cost, first-time-right silicon.

In terms of the agreement, Scaleo chip will work together with clients to transform their design specifications into netlists for the metal programmable portion of the AT91CAP customizable microcontroller, incorporating, as required, IP blocks from Scaleo chip's extensive libraries of qualified ARM-based peripheral functions and interfaces. The netlists and associated software drivers will be validated on the AT91CAP emulation board by mapping them onto the built-in FPGA, before being transferred to Atmel for placement & routing, and metal programming of the AT91CAP platform. Scaleo chip will perform post-layout simulation prior to customer signoff for fabrication.

Michel Le Lan, Atmel's Marketing Director for ASIC products, commented, "This agreement exploits the synergy between the rapid customization possibilities of Atmel's CAP product and Scaleo chip's accumulated experience in ARM-based system-on-chip design. Both companies are experts in the emulation of complex systems-on-chip for parallel hardware and software validation, to speed up the design flow and ensure right-first-time silicon."

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“We are very pleased to pursue our long term partnership with Atmel on CAP products,” said Gilles Marsigne, Scaleo chip’s VP of Sales & Marketing. “We believe CAP’s flexible platform combined with Scaleo chip’s IP integration expertise will be key success drivers for both companies. CAP’s fast turnaround and cost effectiveness added to Scaleo chip’s expertise in consumer electronics and automotive designs will drive customer traction for this product.”

Atmel’s AT91CAP Customizable Microcontroller

Atmel’s CAP is an ARM® microcontroller-based system-on-chip with fast local memory, a wide range of industry-standard peripherals and interfaces, and a Metal Programmable (MP) Block that allows the designer to add custom logic. By combining the performance, density and low power consumption of the fixed portion of the device with the flexibility of the MP Block, CAP enables application-specific products to be developed in a fraction of the time and at a fraction of the cost of standard-cell ASICs, but at a unit price close to that of standard cell devices. CAP also offers superior performance, smaller form factor and lower power consumption at a unit price significantly lower than an MCU-plus-FPGA combination for the same functionality. CAP is fully supported with an emulation board, software development tools, operating systems, code modules and a worldwide network of expert design centers to facilitate application software development. The CAP MP Block can be personalized with IP developed by the customer, by third-party design centers or from Atmel’s extensive libraries.

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About Atmel

Atmel is a worldwide leader in the design and manufacture of microcontrollers, advanced logic, mixed-signal, nonvolatile memory and radio frequency (RF) components. Leveraging one of the industry’s broadest intellectual property (IP) technology portfolios, Atmel is able to provide the electronics industry with complete system solutions focused on consumer, industrial, security, communications, computing and automotive markets.

About Scaleo chip

Scaleo chip is a fabless ASIC/ASSP semiconductor company based in Sophia Antipolis, France specialized in ARM-based SoC design. The company is expert at multi-core architecture design and IP integration targeting automotive and consumer electronics markets.

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Atmel Product Information:

Atmel's AT91CAP product information may be retrieved at <http://www.atmel.com/products/AT91CAP/>

Scaleo chip Product Information:

Scaleo chip's products and services are described at <http://www.scaleochip.com>

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