

Micrium

MICRIUM SUPPORTS ACTEL SMARTFUSION DEVICES

uC/OS-II, uC/OS-III, uC/TCP-IP and uC/Probe available on new SmartFusion development kits

WESTON, FL, March 8, 2010--Micrium, a leading provider of high-quality embedded software components, today announced that it has successfully ported its uC/OS-II™ and uC/OS-III™ kernels and uC/TCP-IP™ stack to Actel's new SmartFusion™ intelligent mixed-signal FPGA.

Micrium's RTOS family is ideal for the ARM® Cortex™-M3 based 32-bit applications targeted by Actel's SmartFusion family, including industrial, military, medical, communications and more. Micrium's uC/Probe embedded system monitoring tool also supports SmartFusion devices, providing design engineers the ability to "see" into the internals of their running embedded system in real time. Evaluation versions of Micrium middleware are available for use with SmartFusion evaluation and development kits, allowing customers to immediately use SmartFusion devices and Micrium's uC/OS-II, uC/OS-III, uC/TCP-IP and uC/Probe™.

"SmartFusion devices allow designers to enhance their embedded systems with full featured FPGA and analog circuitry which is unique in the industry. Applications can be better targeted by optimizing the design partitioning between hardware (FPGA) and software (microcontroller) and creating only the peripherals needed in that system," said Jean Labrosse, Micrium CEO. "Ultimately, for the embedded designer, SmartFusion devices increase flexibility and improve protection of customers' intellectual property, while providing the ability to reprogram on the fly."

Micrium is recognized for its expertise with the ARM Cortex-M processor line. Actel's SmartFusion device adds yet another manufacturer supported by Micrium's RTOS.

"Actel recognizes the benefits of working with industry leaders to provide best-in-class design tools and software to their customers. Actel therefore selected Micrium as a premium partner, providing RTOS and middleware support to launch their exciting new SmartFusion family," said Rich Kapusta, vice president, marketing and business development at Actel. "Actel sees this as the beginning of a strong partnership with Micrium for both SmartFusion support and future devices."

Micrium's uC/OS-II and uC/OS-III are fully featured kernels designed specifically to address the requirements of embedded systems.

SmartFusion combines three programmable elements: logic, a microcontroller subsystem and analog, resulting in a fully customizable and easy-to-use platform. Actel's FlashLock® technology provides a high level of intellectual property security.

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About Micrium

Micrium provides the highest quality embedded software components by way of cleanest source code, unsurpassed documentation and customer support. Starting with Micrium's flagship product, uC/OS-II through its complete line of software, Micrium shortens time to market throughout all product development cycles and builds products that address today's increased design complexity.

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