Pumpkin, Inc. Announces Availability of Salvo™ for Luminary Micro's Stellaris™ Microcontrollers

Memory Efficient Real-Time Operating System is Also Included in Stellaris Development Kits

SAN FRANCISCO, CA, USA – May 22, 2006 – San Francisco-based Pumpkin, Inc. (www.pumpkininc.com), announces the availability of Salvo™ supporting Luminary Micro's Stellaris™ family of microcontrollers, featuring the ARM® Cortex™-M3 microcontroller core. Salvo is a full-featured Real-Time Operating System (RTOS) designed expressly for very-low-cost embedded systems using microcontrollers with on-chip flash and RAM memory. Salvo minimizes system cost by efficiently using that memory, with typical applications using only 1-2 kilobytes of flash and 200-400 bytes of RAM for Salvo.

Salvo is scalable, easy to learn, and highly configurable, and provides the power, speed and flexibility of an RTOS for low-cost embedded designs. Salvo Lite, a freeware / evaluation version of Salvo, is included in Luminary Micro's Stellaris Development Kits. Salvo Lite supports up to four tasks and five events, enabling development of real Salvo applications and the ability to test Salvo in a real end-user environment.

"With Salvo, Pumpkin delivers a full-featured real-time operating system in the memory footprint of a micro-kernel," said Jean Anne Booth, Chief Marketing Officer of Luminary Micro. "Salvo offers embedded system developers the ability to take full advantage of the power of the 32-bit ARM Cortex-M3 processor in our growing line of Stellaris microcontrollers, as Salvo 4's improved runtime architecture guarantees the maximum theoretical performance from Stellaris MCUs by ensuring zero interrupt latency for whichever interrupts the user identifies as critical."

"The Stellaris MCUs present a powerful yet low-cost migration path to 32 bits from existing 8- and 16-bit microcontrollers," said Pumpkin president Dr. Andrew E. Kalman. " The Stellaris ARM Thumb-2 based core results in an extremely small Salvo footprint – eminently suitable for multitasking even on the 8KB flash/2KB SRAM LM3S10x MCUs. Salvo runs on the entire Stellaris family of microcontrollers, and the available integrated toolsets enable users to be running with multitasking Salvo applications in just 15 minutes."

Salvo for ARM is available in Lite, LE and Pro versions. Salvo is royalty-free, and Salvo Pro includes source code. For downloads, application notes, additional information and to order Salvo, please visit Pumpkin on the web at ***http://www.pumpkininc.com*** or request information from ***info@pumpkininc.com***.

About Pumpkin Inc.
Pumpkin makes the Salvo™ Real-Time Operating System (RTOS), which is designed expressly for very low-cost embedded systems with limited ROM and RAM. More information is available from

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About Luminary Micro and Stellaris

Founded in 2004, Luminary Micro, Inc. designs, markets and sells ARM Cortex-M3-based microcontrollers (MCUs). Austin, Texas-based Luminary Micro is the lead partner for the Cortex-M3 processor, delivering the world's first silicon implementation of the Cortex-M3 processor. Luminary Micro's introduction of the Stellaris™ family of products provides 32-bit performance for the same price as current 8- and 16-bit microcontroller designs. With entry-level pricing at $1.00 for an ARM technology-based MCU, Luminary Micro's Stellaris product line allows for standardization that eliminates future architectural upgrades or software tools changes. Contact the company at 1-512-279-8800 or email *press@luminarymicro.com* for more information.

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