

NEWS RELEASE



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Aeroflex Gaisler Announces LynxOS Support for the LEON processor

Gothenburg, Sweden – Aeroflex Gaisler AB, the leader in System on Chip (SoC) design, today announced that the LynxOS operating system from LynuxWorks, Inc., now is supported by the LEON3 processor. A port, a board support package and a demonstration application are now available for the GNU based SW development environment.

"LynuxWorks leadership in real-time operating systems for mission critical applications makes them an ideal partner for us," said Jiri Gaisler, CTO of Aeroflex Gaisler. "All RTOS components within LynxOS are designed for absolute determinism (i.e.: hard real-time performance). This means that they absolutely must respond within a known period of time. This predictable response is ensured even in the presence of heavy I/O due to the kernel's unique threading model, enabling interrupt routines to be extremely short and fast."

The LynxOS RTOS also exhibits true linear scalability, so that it stays unwaveringly deterministic even as the tasks it performs increase massively. And this determinism extends to networking applications, which can stay responsive even in the face of the most complex demands.

The LEON3 is a high-performance 32-bit SPARC V8 processor that provides computing capabilities to cost-sensitive embedded microcontroller applications at a cost equivalent to legacy 8- and 16-bit processors. The processor is available as a soft core for instantiations into both FPGAs and ASICs. The LEON3 processor is targeted at space, military, industrial and consumer electronics applications, such as satellites, digital set top boxes, and industrial power control devices.

"We are pleased to support Aeroflex Gaisler and the LEON3 processor," commented Steve Blackman, Director of Business Development at LynuxWorks. "The LEON3 processor, which is available in source code, provides high performance and flexibility that meets the demands of any System on Chip design. The fault tolerant version delivers capabilities to protect against soft errors which are required for military and aerospace applications."

Availability

LynxOS is available under license from LynuxWorks. The LEON3 port and the BSP are available under license from Aeroflex Gaisler.

About LynuxWorks

LynuxWorks, a world leader in the embedded software market, is committed to providing open and reliable real-time operating systems (RTOS) and software tools to embedded developers. The company's LynxOS family of operating systems offers open standards with the highest level of safety and security features, enabling many mission-critical systems in defense, avionics and other industries. Since it was established in 1988, LynuxWorks has created technology that has been successfully deployed in thousands of designs and millions of products made by leading communications, avionics, aerospace/defense, and consumer electronics companies. LynuxWorks' headquarters are located in San José, CA. Please visit www.lnxw.com for more information

About Aeroflex Gaisler AB

Aeroflex Gaisler AB is a provider of SoC solutions for exceptionally competitive markets such as Aerospace, Military and demanding Commercial applications. The Aeroflex Gaisler's products consist of user-customizable 32-bit SPARC V8 processor cores, peripheral IP-cores and associated software and development tools. Aeroflex Gaisler solutions help companies develop highly competitive customer and application-specific SoC designs. Please visit www.aeroflex.com/Gaisler for more information

About Aeroflex

Aeroflex Incorporated is a global provider of high technology solutions to the aerospace, defense and broadband communications markets. The Company's diverse technologies allow it to design, develop, manufacture and market a broad range of test, measurement and microelectronic products. Additional information concerning Aeroflex Incorporated can be found on the Company's website: www.aeroflex.com.

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