NEWS RELEASE

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AEROFLEX GAISLER ANNOUNCES THE NEXT GENERATION LEON PROCESSOR

Gothenburg, Sweden – Aeroflex Gaisler AB, a leader in System on Chip (SoC) design, today announced the next generation LEON processor - the LEON4, providing the industry a high performing, licensable 32-bit processor core based on the SPARC V8 architecture. The LEON4 complements the widely used LEON3 processor for high-performance embedded applications across a broad spectrum of demanding consumer and industrial applications.

"We are pleased with the performance of this next generation processor. The power and size optimized LEON4 is fully software compatible with previous LEON processors, yet with a performance increase of up to 50% at the same clock frequency. LEON4 implements single-cycle load/store instructions, as well as static branch prediction. The register file and internal load/store data paths have been extended to 64-bits, while the data cache and bus interface can be either 64- or 128-bit wide. An optional Level-2 (L2) cache has also been added to the architecture, further improving performance on data intensive and multi-core applications. The LEON4 processor delivers up to 1.7 DMIPS per MHz or 0.35 SPECINT2000/MHz." said Jiri Gaisler, CTO and Founder of Aeroflex Gaisler.

The LEON4 is a high-performance 32-bit SPARC V8 processor that provides computing capabilities to cost-sensitive embedded microcontroller applications at significantly lower cost than other competing solutions. The processor is available as a soft core together with a rich IP library (GRLIB) for instantiations into both FPGAs and ASICs. The LEON4 processor is targeted at high-end industrial and consumer electronics applications and supports symmetric and asymmetric multiprocessing.

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. 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.