

February 26, 2019

Cobham Joins RISC-V Foundation

GOTHENBURG, SWEDEN – Cobham Gaisler announced today that it has recently been accepted as a Gold-Level Member of the RISC-V Foundation (www.riscv.org). The RISC-V Foundation directs the future development and adoption of the RISC-V instruction set architecture (ISA), an open, free instruction set architecture that will enable a new era of processor innovation through open standard collaboration. With over 200 members, the RISC-V Foundation is a collaborative community of software and hardware innovators powering innovation at the edge forward.

“Cobham is delighted to add implementations of the RISC-V ISA to our existing processor portfolio,” said Sandi Habinc, General Manager, Cobham Gaisler. “For nearly 20 years, Cobham’s LEON processors, which are based on the SPARC ISA, have been used in RadHard and High Reliability microelectronics solutions in hundreds of spacecraft due to their rich feature set and dependability. Our products have also found their way into demanding terrestrial applications. By supporting the RISC-V ISA, Cobham will be able to offer future fault-tolerant and certified processor solutions to customers also outside the space domain.”

Cobham intends to release products based on the RISC-V ISA in parallel with the further development of its LEON SPARC processor based products. The initial RISC-V product will be a RV64GC compliant processor Intellectual Property (IP) core written in VHDL, with the expected launch date at the end of 2019. The processor will be fully integrated with Cobham’s GRLIB VHDL IP core library. GRLIB offers a plenitude of interfaces and functions such as high-speed serial interconnect, encryption, compression, etc., to which the RISC-V processor can interface. The processor IP core will be complemented with the upgrade of the GRMON3 Software Debug Monitor to support the RISC-V ISA.

For more information about Cobham Gaisler’s processor products, please visit www.cobham.com/Gaisler.

About Cobham Advanced Electronic Solutions (CAES)

CAES provides critical solutions for communication on land, at sea, and in the air and space, by moving data through off-the-shelf and customized products and subsystems including RF, microwave, and high reliability microelectronics, antenna apertures and motion control solutions.

Cobham Advanced Electronic Solutions supplies defence, aerospace, security, medical, and industrial markets. Cobham Gaisler is a Business Area of CAES.

About Cobham

Cobham offers an innovative range of technologies and services to solve challenging problems in commercial, defence and security markets, from deep space to the depths of the ocean.

We employ around 10,000 people primarily in the USA, UK, Europe and Australia, and have customers and partners in over 100 countries, with market leading positions in: wireless, audio, video and data communications, including satellite communications; defence electronics; air-to-air refuelling; aviation services; life support and mission equipment.

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