

News Release

22 February 2017

Cobham Gaisler LEON3FT Processor Technology Launch Aboard Iridium NEXT

GOTHENBERG, SWEDEN. – Cobham’s products and services contributed to the launch aboard the ten Iridium NEXT satellites. Iridium NEXT comprises a unique architecture of 66 cross-linked Low-Earth Orbit (LEO) satellites, delivering high-quality mobile voice and data coverage over the planet’s surface – including oceans, airways and polar regions. The Iridium NEXT satellites have been designed and built by prime contractor Thales Alenia Space. The first ten Iridium NEXT satellites were launched from the Vandenberg Air Force Base in California on a Falcon 9 rocket from the launch-service provider SpaceX.

Cobham Gaisler’s LEON3 fault-tolerant microprocessor Intellectual Property (IP) core was selected by Thales Alenia Space as the processor in their highly integrated proprietary EPICA-NEXT System-on-Chip (SoC) device that is used in the redundant Platform Computer (PFC) in each one of the Iridium NEXT satellites.

"The fault-tolerant LEON3 processor IP core has become the default industry standard for onboard computers used in space, providing a high level of fault-tolerance combined with a high computational power and ease of use when being integrated in complex System-on-Chip devices. When combined with the fault-tolerant Memory Management Unit and Floating Point Unit, the LEON3 becomes an attractive processor technology with low power consumption that is easy to integrate in spacecraft platform and payload," said Sandi Habinc, General Manager, Cobham Gaisler.

"Cobham congratulates Iridium team for a successful launch," said Jeff Hassannia, Senior Vice President of Business Development and Technology for Cobham Advanced Electronic Solutions.

Please visit www.cobham.com/HiRel for information about Cobham Semiconductor Solutions products.



News Release

Cobham Semiconductor Solutions

We are a global supplier of Standard HiRel ICs including memory, μ processor, interconnect & power and ASICs for space, commercial, medical and industrial markets, along with Electronic Manufacturing Services (Circuit Card Assembly, Radiation Testing, Component Up-screening and Packaging).

About Cobham

The most important thing we build is trust.

Cobham is a leading global technology and services innovator, respected for providing solutions to the most challenging problems, from deep space to the depths of the ocean.

We employ more than 11,500 people on five continents, 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.

- ends -

Inquiries

Teresa Farris
MARCOM Manager
Cobham Semiconductor Solutions
719-594-8035
Teresa.farris@cobham.com