

News Release

25 August 2016

Cobham Semiconductor Solution Products Contributed to CaSSIS Instrument on ExoMars 2016 Payload

COLORADO SPRINGS, COLO. – Cobham’s Magnetoresistive Random-Access Memories (MRAMs), along with several other Cobham components, launched aboard the ExoMars Trace Gas Orbiter (TGO), in the Colour and Stereo Surface Imaging System (CaSSIS) instrument on March 14, 2016. These components included the GR712RC Dual-Core LEON3FT Microprocessor from Cobham Gaisler in Sweden, 16Mb MRAM, 2.5Gb SDRAM, LVDS drivers and receivers and MIL-STD-1553 Bus Transceiver from Cobham Semiconductor Solutions in Colorado Springs, Colorado. Cobham components were selected for the CaSSIS instrument due to their radiation performance and trusted reliability.

“Cobham Semiconductor Solutions extends our sincere thanks to the University of Bern along with our congratulations on a successful design, launch and mission,” said Michelle Mundie, Business Area Director, Standard Products. “Cobham proved to be a one stop shop for the key functions of the subject instrument.”

“Cobham Gaisler staff are proud in supporting the University of Bern team by providing the GR712RC microprocessor for CaSSIS,” said Sandi Habinc, Cobham Gaisler General Manager.

The ExoMars program is a joint endeavour between the European Space Agency (ESA) and the Russian Federal Space Agency (Roscosmos). The first mission of the ExoMars program is ExoMars 2016. It is scheduled to arrive at Mars in October 2016 and consists of a Trace Gas Orbiter (TGO) and an entry, descent and landing demonstrator module (EDM) known as Schiaparelli. The main objectives of this mission are to search for evidence of methane and other trace atmospheric gases that could be signatures of active biological or geological processes and to test key technologies in preparation for ESA's contribution to

News Release

subsequent missions to Mars. For more information on CASSIS please visit:

<http://www.cassis.unibe.ch/>.

Please visit www.cobham.com/HiRel for Cobham product information.

###

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).

Cobham Semiconductor Solutions' Colorado Springs site is a supplier of semicustom and standard VLSI circuits and custom circuit card assemblies. They have a Qualified Manufacturer List (QML) certification for Class Q, Class T, Class V and Class Y.

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 -



News Release

Inquiries

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