

EBV Announces Caribou Board for Flexible Industrial Communications and Control

Poing/Munich: EBV Elektronik, an Avnet (NYSE: AVT) company and the leading specialist in EMEA semiconductor distribution, has announced the Caribou board as a development and evaluation platform for industrial communications. It is based on an OMAP L138 / AM1808 ARM® microprocessor from Texas Instruments, together with an Altera® Cyclone® III FPGA and analog interfaces from Texas Instruments.

A range of different field buses and interfaces for industrial communications are available for developers, including serial-based field buses. These include PROFIBUS and IO-Link as well as real-time Ethernet field buses such as EtherCAT, SERCOS-III, PROFINET, EtherNet/IP, Ethernet POWERLINK and IEEE1588. Encoder interfaces such as EnDat, BISS and HIPERFACE DSL can also be implemented.

Featuring additional analog components such as analog-to-digital converters (ADCs), digital-to-analog converters (DACs) and pulse-width modulators (PWMs), they provide interfaces to control systems, co-ordinate converters and output stages.



Rudy Van Parijs, Vice President
Technical Development, EBV Elektronik

Rudy Van Parijs, Vice President Technical Development at EBV Elektronik, comments: "The Caribou board provides developers with a special evaluation platform for industrial applications in the areas of programmable logic controllers (PLCs), control systems, sensors, motors with integrated controllers, and industrial bus interfaces. Applications also include 3-phase solar inverters and pitch controllers within the

field of renewable energies, and test & measurement equipment."

About EBV Elektronik

EBV Elektronik, an Avnet (NYSE: AVT) company, was founded in 1969 and is the leading specialist in European semiconductor distribution. EBV maintains its successful strategy of personal commitment to customers and excellent services. 250 Technical Sales Specialists provide a strong focus on a selected group of long-term manufacturing partners. 120 continuously trained Application Specialists offer extensive application know-how and design expertise. Warehouse operations, complete logistics solutions and

value-added services such as programming, taping & reeling and laser marking are fulfilled by Avnet Logistics, EBV's logistical backbone and Europe's largest service centre.



EBV operates from 60 offices in 28 countries throughout EMEA (Europe – Middle East – Africa). For more information about EBV Elektronik, please visit www.ebv.com. value-added services such as programming, taping & reeling and laser marking are fulfilled by Avnet Logistics, EBV's logistical backbone and Europe's largest service centre. EBV operates from 60 offices in 28 countries throughout EMEA (Europe – Middle East – Africa). For more information about EBV Elektronik, please visit www.ebv.com.

About Altera

Altera Corporation (NASDAQ: ALTR) is the pioneer of programmable logic solutions, enabling system and semiconductor companies to rapidly and cost effectively innovate, differentiate, and win in their markets. Altera offers FPGAs, CPLDs, and ASICs in combination with software tools, intellectual property, and customer support to provide high-value programmable solutions to over 12,000 customers worldwide. Altera was founded in 1983 and has annual revenues in 2009 of US\$1.20 billion. Altera is headquartered in San Jose, California, and employs approximately 2,600 people in 19 countries.

About Texas Instruments

Texas Instruments semiconductor innovations help 80,000 customers unlock the possibilities of the world as it could be – smarter, safer, greener, healthier and more fun. Our commitment to building a better future is ingrained in everything we do – from the responsible manufacturing of our semiconductors, to caring for our employees, to giving back inside our communities. This is just the beginning of our story. Learn more at www.ti.com.

Editor Contact EBV Elektronik

Bernd Schlemmer
Director Communications
Im Technologiepark 2-8
85586 Poing
bernd.schlemmer@ebv.com