



## Press Release

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### **Scalable AUTOSAR 3.1 Software for the Renesas R32C Microcontroller**

EB AUTOSAR basic software meets the specifications of the [Manufacturer Software Initiative HIS \(Hersteller Initiative Software\)](#)

**Erlangen, Germany, February 18, 2010 – EB (Elektrobit) has integrated the new R32C Microcontroller Abstraction Layer (MCAL) by Renesas Technology into the AUTOSAR 3.1 basic software EB tresos AutoCore. Automobile manufacturers and suppliers will thus benefit, starting in late March 2010, from fully integrated AUTOSAR software for the R32C microcontroller series from Renesas, which corresponds to the specification of the Manufacturer Software Initiative HIS of the German OEMs.**

With this collaboration, EB and Renesas are deepening their many years of cooperation, since both companies already have common AUTOSAR 2.1 projects in series development. The new cooperation will create an HIS-compatible version of [EB tresos AutoCore](#) for the Renesas R32C series. Only a single tool, [EB tresos Studio](#), is needed to configure the software package in a user-friendly manner. EB tresos AutoCore has also been thoroughly tested and validated on the R32C microcontroller.

The Manufacturer Software Initiative HIS of the German OEMs has published a specification for the scaling of AUTOSAR basic software. Its goal is to enable the use of small CPUs in simple electronic control units (ECUs) in order to reduce hardware costs. "With the integration of the R32C MCAL into EB tresos AutoCore 3.1, we now offer a powerful, scalable solution that is perfectly adapted to the requirements of German OEMs", said Dirk Diekhoff, Director of the EB tresos product line at EB.

The HIS scalable AUTOSAR 3.1 software will be available at the end of the first quarter of 2010.

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**About Renesas Technology Corp.**

Renesas Technology Corp. is the world's No.1 supplier of microcontrollers and one of the world's leading semiconductor system solutions providers for mobile, automotive and PC/AV (Audio Visual) markets. It is also a leading provider of Power MOSFETs, Smart Card microcontrollers, RF-ICs, High Power Amplifiers, Mixed Signal ICs, System-on-Chip (SoC), System-in-Package (SiP) and more. Established in 2003 as a joint venture between Hitachi, Ltd. (TSE:6501, NYSE:HIT) and Mitsubishi Electric Corporation (TSE:6503), Renesas Technology achieved consolidated revenue of 702.7 billion JPY in FY2008 (end of March 2009). Renesas Technology is based in Tokyo, Japan and has a global network of manufacturing, design and sales operations in 16 countries with 25,000 employees worldwide. For further information, please visit

<http://www.renesas.com>

**EB, Elektrobit Corporation**

EB develops advanced technology and transforms it into enriching end user experiences. EB specializes in demanding embedded software and hardware solutions for the automotive industry and wireless technologies. The company's net sales for the year 2009 totalled EUR 153.8 million. Elektrobit Corporation is listed on NASDAQ OMX Helsinki. [www.elektrobit.com](http://www.elektrobit.com)

**EB's Automotive Software Business**

EB's Automotive Software Business has established itself internationally as one of the most important suppliers of embedded software solutions for the automotive industry. In addition to the development of innovative products, it also specializes in services and consulting for the automotive industry, supplying implementations of serial software solutions for a broad range of AUTOSAR and FlexRay, Infotainment, Navigation, HMI and Driver Assistance systems.