

Press Release

ETAS launches FlexECU

An open platform to quickly and efficiently develop, implement, and test new control system concepts on production-intent ECU hardware

Ann Arbor, Michigan, – A major obstacle to innovation in the passenger and commercial vehicle industry is the limited availability of open, cost-effective, and production-ready electronic control units (ECUs) that facilitate quick and efficient development, implementation, and testing of new control concepts. FlexECU, offered by ETAS in cooperation with Bosch Engineering, is the solution.

What is FlexECU?

An open control system development platform, consisting of:

1. State-of-the-art ECU, based on production-intent Bosch diesel and spark ignition engine ECUs
2. An easy to use integration environment that facilitates the integration of control software
3. Basic low-level ECU software, including simple and complex I/O drivers

Areas of Application

FlexECU is suitable for the direct control of diesel or gasoline engines, HEV supervisory control, transmission control and additional vehicle subsystem controls. FlexECU is scalable; from one system (e.g. R&D) to hundreds (e.g. fleet validation).

FlexECU Advantages

- FlexECU enables implementation of prototype control systems directly on a production-intent Bosch ECU
- FlexECU is a low-cost alternative to traditional rapid-prototyping tools
- FlexECU uses world-class Bosch technology including engine management software and fuel-injection technology

ETAS Inc.
3021 Miller Road
Ann Arbor, MI 48103
Phone +1 734 997-9393
Toll Free +1 888 ETAS INC
Fax +1 734 997-9449

Press Contact:
David Howarth
david.howarth@etas.com
Phone +1 734 997-7863

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About ETAS

ETAS GmbH was founded in 1994 as a subsidiary of Robert Bosch GmbH. Following the acquisition of Vetronix Corporation in Santa Barbara, USA, as well as the establishment of foreign subsidiaries, we today employ 680 personnel in Germany, United States, Japan, Korea, P.R. China, India, France, UK, Sweden, Italy, Brazil, and the Russian Federation.

As a dependable and responsible partner, we offer a comprehensive product portfolio of integrated tools and tool solutions designed to increase quality and efficiency in the development and maintenance of embedded systems. Our tools are widely deployed in automotive and adjacent segments of the embedded industry.

The product portfolio is complemented by engineering services, consulting, training, and first-class customer service. We are an active contributor to standardization committees such as ASAM, OSEK, Nexus, AUTOSAR, AESAS, FlexRay, LIN, and JasPar.

For more information, visit www.etas.com

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