DRIVING **EMBEDDED EXCELLENCE**

ETAS

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Press Release

Small and easy to use –
the new, compact ES583 FlexRay USB interface

- Compact and cost-effective FlexRay interface for the PC
- Easy connection and power supply via USB
- For ECU measurements, calibration, diagnostics, and flash programming
- Fully integrated with INCA
- Galvanic isolation of FlexRay interface and PC
- Integrated synchronization nodes
- Open interface for integrating into software tools

Stuttgart, September 23, 2014 – There is a growing demand for small, portable vehicle bus/PC interfaces that can be operated without an external power supply. For several years, ETAS has been answering this need with its ES581 CAN Bus Interface USB Module. Now the successful ES58x hardware series is being expanded to include the new ES583 FlexRay USB Module. Once again, the priority was to design a small-scale module that is easy to use: this piece of hardware is so lightweight and compact that it can be easily transported in a laptop bag.

The ES583 interface can be used to collect ECU measurement, calibration, and diagnostic data as well as to reprogram an ECU's flash memory via FlexRay. Here, a second internal FlexRay node is responsible for initiating communication with the bus node connected. This makes it possible, for instance, to flash an

individual ECU on the lab bench – away from the FlexRay environment the unit is connected to in the vehicle.

To ensure that the ES583 module can be easily integrated into software tools provided by third-party suppliers, the ETAS EBI-IP ECU and Bus Interfaces Integration Package comes with an open interface.

ETAS GmbH

ETAS provides innovative solutions for the development of embedded systems for the automotive industry and other sectors of the embedded industry. As a systems provider, ETAS supplies a multifaceted portfolio that covers the range from integrated tools and tool solutions to engineering services, consulting, training, and support.

Security solutions in the area of embedded systems are offered by the ETAS subsidiary ESCRYPT. Established in 1994, ETAS GmbH is a 100-percent subsidiary of the Bosch Group, with international subsidiaries and sales offices in 13 countries in Europe, North and South America, and Asia.

For more information, please visit www.etas.com