

New ES830 Prototyping Module

Introducing the latest member of the ES800 family of products: The ES830 Rapid Prototyping Module is a powerful experimentation platform for the development and validation of ECUs and electronic vehicle systems – both in the laboratory and in the vehicle. It enables developers to run multi-ECU and multi-controller applications in combination with one or more simulation models. One of its most outstanding features is the ability to perform rapid prototyping of ECU functions plus measurement and calibration tasks on the ECU in parallel. Equipped with an Intel® Core™ i5 processor, the ES830 offers low latency

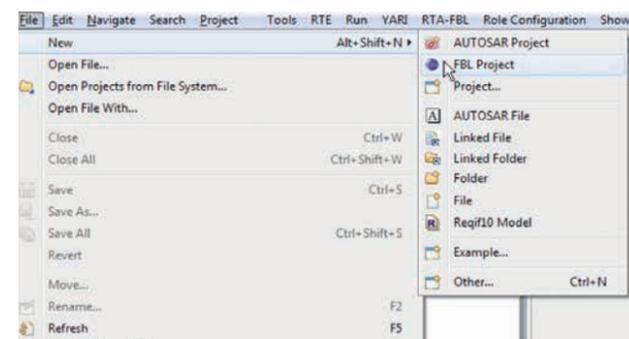
and jitter. The stackable configuration provides a simple and secure way to expand the system, and the ES830's wide array of interfaces means it is fully prepared for the increasingly complex requirements of current and future vehicle generations.

Info Turn to page 16 to find out more about the ETAS prototyping solution.



RTA-FBL Flash Bootloader

Integrated in ISOLAR-B, the RTA-FBL Flash Bootloader further expands ETAS' AUTOSAR portfolio, enabling ECUs to be reprogrammed at every stage of the process – from the assembly line to updates at a repair shop. A generated instance of the RTA-FBL executes the start-up sequence, communicates with the tester to implement the reprogramming protocol and finally flashes the application software and the calibration data on the ECU. The flexible architecture of the AUTOSAR R4.x-compliant RTA-FBL supports multiple targets and is adaptable to various OEM-defined requirements. Customers who opt for the RTA-FBL can rely on the expertise of ETAS' engineers. That makes it much quicker for them to engineer their own solution while retaining the ability to configure relevant aspects of the bootloader software in accordance with OEM specifications.



The RTA-FBL can easily be launched from ISOLAR-B

Strategic cooperation

Forging links between research and industry is essential in an era of technological innovation. Daegu Gyeongbuk Institute of Science and Technology (DGIST) and ETAS Korea knew that a strategic collaboration was the right step to take.

Founded in 2004 as a research institute, DGIST is committed to developing talent in the realm of new technologies. The goal of its alliance with ETAS Korea is to share expertise, particularly in regard to AUTOSAR, a field in which ETAS offers solutions that cover the complete development cycle. ETAS will provide DGIST with tools and technical consulting for research and develop-

ment projects, thus making a valuable contribution to the training of future specialists in the field of automotive IT. "I hope the cooperation will mean another leap forward not only for the growth of both DGIST and ETAS Korea, but also for the enhancement of Korea's automotive IT competence," says Jinhung Kim, general manager of ETAS Korea.



DGIST is a leading, fast growing science and engineering university that aims to facilitate national advancement by nurturing talented individuals through its innovative mix of education and research.

