

## ADAS FEATURE

### **Guess What?s Under the Hood of the Subaru Levorg? ADAS and Programmable Logic**

The Subaru 2020 Levorg mid-size touring wagon was made available for pre-order last month and introduced a range of features such as a new 1.8-liter, four-cylinder engine and continuously variable automatic transmission (CVT). But perhaps the most exciting feature is on the safety front, as the car is the first in the Subaru fleet to contain the company?s next-generation EyeSight ADAS technology.

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## AUTONOMOUS DRIVING NEWS

### **Indy Autonomous Challenge to Use RTI Software to Build and Race Autonomous Vehicles**

For this challenge, university teams from around the world will use the RTI open software framework, Connex DDS, to design, simulate, and run on specially modified Dallara IL-15 racecars on the track.

[Read more](#)

## AUTOMOTIVE DEVELOPMENT TOOLS NEWS

### **Elektrobit Enhances HMI Development Software EB GUIDE, Adds Support for Raspberry Pi**

Users of Raspberry Pi can now experiment with innovative HMI concepts by using the software development kit (SDK) for Raspberry Pi in EB GUIDE.

[Read more](#)

AUTOMOTIVE POWER ELECTRONICS NEWS

## **Toshiba Announces Compact Low ON-Resistance N-Channel MOSFETs for Automotive**

Toshiba Electronics Europe GmbH developed a series of new N-channel MOSFETs for automotive applications that are based on the company's advanced U-MOSVIII-H process technology.

[Read more](#)

AUTOMOTIVE POWER ELECTRONICS NEWS

## **Dialog Semiconductor Releases New Family of Buck Converters**

Dialog semiconductor announced the release of its DA913X-A product family. According to the company, it's a new line of highly efficient, high-current, automotive-grade, step-down DC-DC (Buck) converters.

[Read more](#)

AUTOMOTIVE POWER ELECTRONICS NEWS

## **Vishay Intertechnology Dual Inductor Reduces Board Space Requirements and Component Counts in Class D Amplifiers**

Vishay Intertechnology introduced a new automotive grade low profile, high current dual inductor in the 2525 case size. Designed to replace the two inductors required in an automotive Class D audio amplifier with a single device.

[Read more](#)

AUTONOMOUS DRIVING NEWS

## **Cao Cao and DeepRoute Form Autonomous Driving Partnership**

Cao Cao will integrate DeepRoute's new full-stack self-driving system, including its second-generation sensing system, DeepRoute-Sense II, into its dedicated fleet of Geometry A fully electric vehicles.

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AUTOMOTIVE MANUFACTURING FEATURE

## **Driving Process Improvement in Automotive Industry**

The automotive industry is one of the biggest industries by earnings in the world. The high price tag of cars creates high expectations among consumers for product quality and customization, which in turn leads to the intricacy of the production process. Adopting smart factory solutions is one of the methods for automotive manufacturers to ensure that the quality of their products meets consumer demand.

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