

AUTONOMOUS VEHICLES FEATURE

## **Miles to Go on Road to Autonomous Vehicles ? Interview with Robert Day, Arm**

In this interview, Robert Day, director of autonomous vehicles in the Automotive & IoT Line of Business at Arm shares his perspectives on the biggest challenges in level 4/5 autonomous vehicle development, citing research conducted by Forrester Consulting in their report, "Autonomous Vehicles: Prototype to Production report." He continues to explain what these indicators signal for autonomous vehicle development over the next five to ten years.

[Read more](#)



## **BMW Group Selects NVIDIA to Redefine Factory Logistics**

BMW Group has selected the new NVIDIA Isaac robotics platform for use in its automotive factories, utilizing logistics robots built on advanced AI computing and visualization technologies.

[Read more](#)

### AUTOMOTIVE POWER ELECTRONICS NEWS

## **Vishay Intertechnology Extends Resistance Range of MCA 1206 AT Precision Series Thin Film Chip Resistors**

Vishay Intertechnology announced that the company has enhanced its MC AT precision series of Automotive Grade thin film chip resistors with a wider range of resistance values from 47  $\Omega$  to 10 M $\Omega$  in the 1206 case size.

[Read more](#)

### AUTOMOTIVE SENSORS NEWS

## **OmniVision Unveils First Automotive Image Sensor With Nyxel Technology**

OmniVision Technologies announced the expansion of its Nyxel near-infrared (NIR) technology with the new 2.5 megapixel OX03A2S image sensor. This ASIL-B sensor is ideal for exterior imaging applications that operate in low to no ambient light conditions within 2 meters of the vehicle.

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### WEBCAST

## **Embedded University Automotive Class 3: The Essential Artifacts of Autonomous Vehicle System Software Design**

Sponsored by: RTI

Date: **May 21, 2:00 p.m. ET**

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### AUTOMOTIVE POWER ELECTRONICS NEWS

## **Vishay Intertechnology Introduces Two New Automotive Grade Aluminum Capacitors**

Vishay Intertechnology introduced two new series of Automotive Grade, surface-mount aluminum electrolytic capacitors. They combine high voltages up to 450 V with operating temperatures up to +125  $^{\circ}$ C and life up to 6,000 hours for automotive and industrial applications.

[Read more](#)

### AUTOMOTIVE POWER ELECTRONICS NEWS

## **Nexperia Launches P-Channel MOSFETs in LFPK56 Package**

According to Nexperia, the company has launched the industry's first family of P-channel MOSFETs in the LFPK56 (Power-SO8) package.

[Read more](#)

### AUTOMOTIVE HARDWARE NEWS

## **AAEON Releases New Embedded PC**

AAEON announced the release of the VPC-3350AI embedded PC featuring Intel Movidius Myriad X. It was developed for use in vehicles and industrial

applications.  
[Read more](#)

SMART TRANSPORTATION FEATURE

## The AMPERE Project Approaches, in a Holistic Manner, the Development and Execution of Advanced Cyber Physical Systems

Cyber Physical Systems (CPS) are enabling technologies across multiple application domains to address societal and industrial challenges for autonomous and safe mobility, wellbeing and health, and sustainable production and smart manufacturing, among others.

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