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#### ADVANCED DRIVER ASSISTANCE SYSTEM NEWS

## Nissan Adopts Renesas? Automotive Chips for New Skyline ProPILOT 2.0

Nissan Motor Co. has adopted Renesas? automotive technology for the ProPILOT 2.0 system featured in the new Nissan Skyline.

[Read more](#)



#### VEHICLE SECURITY NEWS

## Porsche and FogHorn Demo Vehicle Security and Driver Experience Improvements

FogHorn completed Program 6 of Startup Autobahn when it joined forces with Porsche during the 100-day challenge to generate a secure prototype so drivers can leverage real-time video recognition with multi-factor authentication (MFA) measures to access vehicles.

[Read more](#)

#### IN-VEHICLE NETWORKING NEWS

## KDPOF Establishes New Automotive Standard

KDPOF will spearhead a new standard for multi-gigabit in automotive by improving the existing 10GBASE-SR, which satisfies IEEE?s current standard, launching a 10 Gbps optical communications channel.

[Read more](#)

## The Current State of Machine Vision Technology

Sponsored by **ON Semiconductor**

Date: **August 27, 2:00 p.m. ET**

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### AUTOMOTIVE-GRADE MEMORY NEWS

#### **Macronix Joins Forces with NVIDIA to Provide Secure Flash Memory in Autonomous Vehicles**

Macronix's ArmorFlash memory is now integrated on the NVIDIA DRIVE AGX Xavier and DRIVE AGX Pegasus autonomous vehicle computing platforms.

[Read more](#)

### AUTOMOTIVE CYBERSECURITY NEWS

#### **Keysight Fights Against Cyber-Attacks on Connected Vehicles**

Keysight Technologies' Automotive Cybersecurity Program tests the strength of a car's connected components, both individually and holistically, prior to and post deployment.

[Read more](#)

### AUTOMOTIVE PROCESSING NEWS

#### **Dialog Semiconductor Releases Configurable Mixed-Signal ICs for Automotive**

The SLG46620-A will bring Dialog's GreenPAK platform to the automotive space, switching out many components in automotive applications to enhance flexibility while reducing footprint and BOM costs.

[Read more](#)

### ELECTRIC VEHICLE MARKET UPDATE

#### **In-Wheel Motors for Electric Vehicles Evolving Fast**

IDTechEx recently released a report, titled "Electric Motors for Electric Vehicles: Land, Water, Air 2019-2029." In-wheel motors are successful in two-wheel EVs, but have rarely been seen in larger vehicles due to safety and cost concerns, and a fear that unsprung weight gives a rougher ride.

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