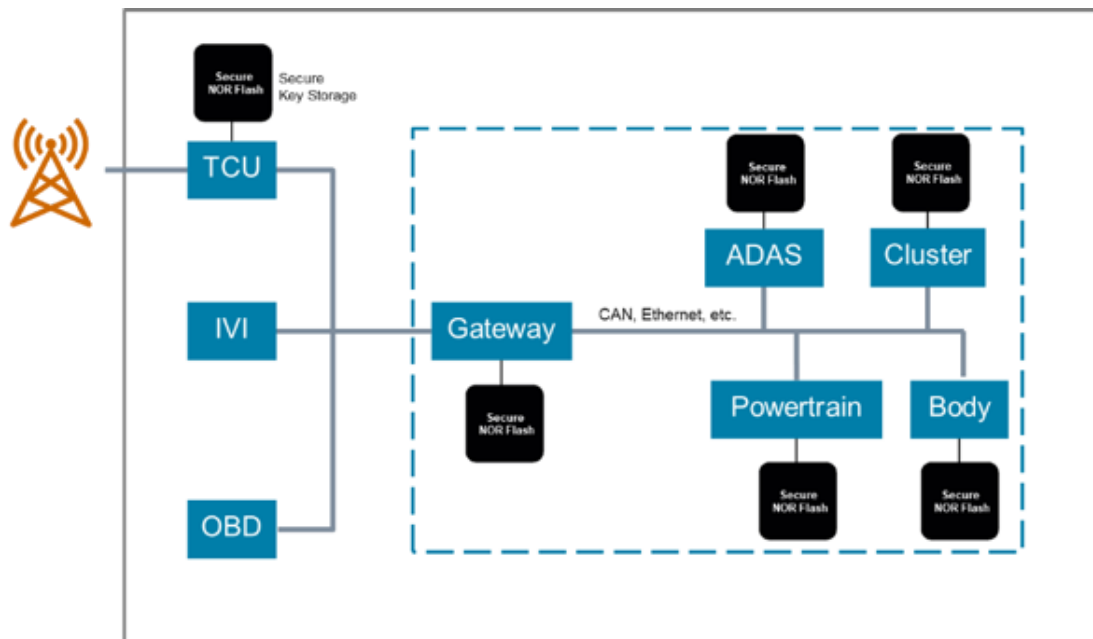


## STORAGE & MEMORY FEATURE

### Secure Flash for Next-Generation Automotive and Industrial Applications

It's increasingly important that connected devices take a holistic approach to security, beginning with a secure boot process. Boot code must be authenticated and stored securely in non-volatile memory (NVM). This article will explore how technological advancements are driving system architecture changes for processor and memory, but let's first understand the evolution of security in embedded systems.

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### Diodes Incorporated AH191x Digital Omnipolar Hall-effect Switches

Offer ultra-low-power omnipolar operation and feature a chopper-stabilized design that provides superior temperature stability, minimal switch point drift, and enhanced immunity to physical stress.

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## AUTOMOTIVE SECURITY NEWS

### Sectigo Releases Embedded Firewall to Protect Automotive Systems

To protect vehicles from cyberattacks, Sectigo, a commercial Certificate Authority and a provider of purpose-built and automated PKI management

solutions, released the Sectigo Embedded Firewall for Automotive.

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## Engineering Survey

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### EMBEDDED HARDWARE NEWS

## COMMELL Unveiled Mini-ITX LV-67Z Based on Whiskey Lake-U Processors

Taiwan Commate Computer (COMMELL), supplier of industrial single board computers, unveiled LV-67Z Mini-ITX based on Intel 8th Gen. FCBGA1528 "Whiskey Lake". According to the company, the "Whiskey" PC is said to deliver better performance than a PC based on previous embedded U-series processors.

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## Minimize Equipment Downtime with Intelligent Machine Condition Monitoring

MCM-100 is an ultra-compact machine condition monitoring platform that unleashes a predictive approach to machine maintenance using data and analytics.

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### ELECTRONIC DESIGN AUTOMATION NEWS

## Aldec Enhances Riviera-PRO's VHDL and UVVM Support

Aldec, a company specializing in mixed HDL language simulation and hardware-assisted verification for FPGA and ASIC designs, has added features to its Riviera-PRO functional verification platform that provide further support when working with the latest version of VHDL (2018) as well as the 2019.09.02 release of the Universal VHDL Verification Methodology (UVVM).

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## The Current State of Autonomous Vehicles Technology

Autonomous Vehicles is a fast growing market in not just the United States, but globally Gartner expects multiple launches of autonomous vehicles around 2020. You'll want to get ahead of this trend soon, and this webinar will discuss the key factors you must consider below.

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### DEV KIT WEEKLY: HARDWARE REVIEW & RAFFLE

## Dev Kit Weekly: Texas Instruments TI-RSLK MAX

# Robotics Learning Kit

This week we're going to be reviewing a kit that is designed specifically for students and academics – or really anyone young at heart – that's interested in learning about embedded systems or robotics in general. The RSLK MAX is TI's second generation robotics system learning kit, only this one is based on a completely solderless design that allows it to be assembled and repaired easily.

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WEBCAST

## The Current State of Machine Vision Technology

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