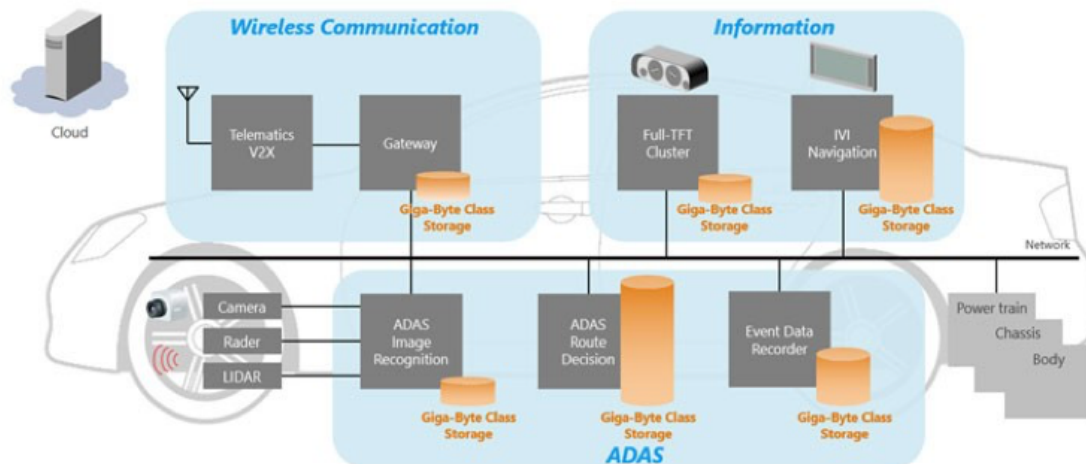


AUTOMOTIVE STORAGE AND MEMORY FEATURE

Increasing Storage Requirements Drives More NAND into Automotive Designs

As vehicle electrification continues at a rapid pace, the need for flash storage is also increasing within automotive subsystems. Many of these subsystems now demand as much memory and storage as modern smartphones and PCs, and, when taken cumulatively could lead to vehicles with as much as 3 TB of onboard flash.

[Read more](#)



DEV TOOLS & OS NEWS

Infineon to Acquire Cypress Semiconductor

Infineon Technologies and Cypress Semiconductor announced that Infineon will acquire Cypress for US\$23.85 per share in cash, corresponding to an enterprise value of \$9.0 billion.

[Read more](#)

SENSOR NEWS

OmniVision Releases OV2312 Dual-Mode Automotive Image Sensor

OmniVision Technologies, Inc. launched its OV2312 automotive image sensor, which enables multiple functions in one camera to reduce costs, footprint, and power consumption and make new embedded driver monitoring applications possible.

[Read more](#)

WEBCAST

Checking All Boxes for Safe, Secure, and Functional Automotive Software

Sponsored by dSPACE, IAR Systems

Date June 19, 11:00 a.m. ET

CONNECTED CAR NEWS

Automotive Grade Linux Welcomes CloudBees, Crave.io, FPT Software, and Github to Advance Technology Development for In-Car Technology

Automotive Grade Linux (AGL) declared that CloudBees, Crave.io, FPT Software, and Github have joined AGL in an effort to consolidate a shared software platform for all technology in the vehicle, from infotainment to autonomous driving.

[Read more](#)

ADAS NEWS

Nidec Acquires OMRON Automotive Electronics Co. Ltd.

Nidec Corporation's Board of Directors approved the acquisition of OMRON Automotive Electronics Co. Ltd. from OMRON Corporation.

[Read more](#)

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Texas Instruments AWR1642 Automotive mmWave Sensors

Offer remarkable levels of integration combining the RFCMOS process with an extremely small form factor.

Sponsored by **Mouser Electronics**

V2X NEWS

ROHM's New Automotive-Grade 1200V-Rated IGBTs Hit the Market

ROHM has added four new automotive-grade 1200V-rated IGBTs to its portfolio. The IGBTs are conductive inverters that can be deployed in electronic compressors, or for switching circuitry in positive temperature coefficient (PTC) heaters.

[Read more](#)

ADAS NEWS

Infineon and Volkswagen Collaborate on Electric Future

Infineon Technologies AG has partnered with Volkswagen Group's strategic supplier network ? Future Automotive Supply Tracks, or FAST ? to advance electric vehicle technology.

[Read more](#)

NETWORKING NEWS

KDPOF Releases GbE POF Link for Telematics Control Modules

KDPOF joined forces with ALPS to develop Gigabit Ethernet over POF optical link concept for telematics control unit modules.

[Read more](#)

PEOPLE AND PRODUCTS PODCAST

Pre-Switch and AI-Powered Power Systems

Recently at APEC, Pre-Switch promised to unveil their latest power solution at PCIM, and had their CleanWave 200kW silicon carbide (SiC) automotive

inverter evaluation system on display there, as promised. The CleanWave inverter evaluation system uses Artificial Intelligence (AI) to constantly adjust the relative timing of elements within the switching system to force a resonance to offset the current and voltage waveforms.

[Tune in](#)



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