EV Infrastructure SIGs Work to Create an Industry

Beyond the primary issue of whether or not cars of the future will be fossil fueled, electric, or hybrid, and the related issue of energy storage and battery densities, is the question of infrastructure and standards. Industry special-interest groups (SIGs) have risen to address these various issues.

D3 Engineering Launches Automotive Vision Development Kit Based on TI TDA4VM SoC

The production-intent kit was designed to automotive temperature ranges and includes an automotive-grade power design with reverse battery protection, helping accelerate the design of ADAS and autonomous systems.

TI’s Jacinto 7 Processors Enable Automotive ADAS and Gateway Applications

The parts bring enhanced deep learning capabilities and advanced networking, as well as specialized on-chip accelerators to segment and expedite data-intensive tasks, like computer vision and deep learning.
Analog Devices and Hyundai to Launch First All-Digital Road-Noise Cancellation System
In addition to using the ADI tech in their Road-noise Active Noise Control (RANC) system, Hyundai also intends to more broadly adopt ADI?s A2B technology for its fundamental audio connectivity and infotainment applications across its automotive fleet.
Read more

IN-VEHICLE INFOTAINMENT NEWS
Synaptics Launches New TD7850 Automotive TDDI Solution for Touchscreens up to 15 inches
The display panel color matching feature adjusts color hues to identically match across displays within the same vehicle, as well as across vehicles and models so OEMs deliver a consistent user experience.
Read more

AUTOMOTIVE NETWORKING NEWS
KDPOF Demos First 25 Gbps Automotive-Grade Optical Network
KDPOF, a supplier for gigabit transceivers over POF (Plastic Optical Fiber), will demonstrate an automotive-grade optical transmission system with 25 gigabits per second at the Automotive Ethernet Congress from February 12 to 13 in Munich, Germany.
Read more

AUTOMOTIVE NETWORKING NEWS
HARTING?s metroSNAP Automotive Cable Interface Supplies Power, Data, and Signal
The HARTING interface module helps adapt the vehicle for a wide range of tasks in a fast, flexible manner.
Read more

AUTOMOTIVE DEVELOPMENT TOOLS & OPERATING SYSTEMS NEWS
MIPI Releases I3C v1.1 Utility and Control Bus Upgrade for I2C Implementers
MIPI I3C v1.1 builds on existing capabilities with new features for peripheral command, control, and communication to a host processor over short distances.
Read more

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Recapping the 2020 Consumer Electronics Show

In this episode of Embedded Insiders, Brandon and Rich are joined by Wensi Jin and Mark Corless of MathWorks. They take the wheel as the discussion turns to simulation in the automotive sector, where the emergence of AI, ADAS sensors, and autonomous driving technologies are driving broader testing requirements than ever before.

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