AUTOMOTIVE
Embedded Systems
www.embedded-computing.com/automotive
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ADVANCED DRIVER ASSISTANCE SYSTEMS FEATURE

Technologies Combine to Combat Distracted Driving

We have all heard how texting and other distractions while driving can lead to accidents. Distracted driving claimed the lives of 2,841 people in the United States in 2018 alone, according to the National Highway Traffic Safety Administration. It?s important for drivers to change their behavior ? and put down their phones ? but as we observe National Distracted Driving Awareness Month, let?s take a look at how emerging technologies can help as well.
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AUTOMOTIVE SENSORS NEWS

dSPACE's New Target Simulator for 4D Radar Sensors Sets New Standards

According to the company, the DARTS 9040-G is the first simulator worldwide to process multiple radar signals simultaneously with a bandwidth of up to 5 GHz. It allows for the development of radar sensors for driver assistance systems and autonomous driving.
Read more

AUTOMOTIVE NETWORKING NEWS

Vector Offers Automotive OTA with vConnect

Vector announced that it is now offering vConnect, a new and comprehensive Over-The-Air solution. vConnect contains a modular OTA framework, from back end to vehicle.
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AUTOMOTIVE CONNECTIVITY NEWS

SYSGO and Candera Present Graphical Hypervisor-based Automotive HMI Solution

The platform is based on Candera's Human-Machine-Interface (HMI) design tool CGI Studio and SYSGO's Secure Automotive Connectivity Platform (SACoP).
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AUTOMOTIVE POWER NEWS

Maxim Integrated?s Automotive Buck-Boost Controller Enables Automotive USB Power Delivery Ports

The MAX25430 can reduce design size up to 40 percent compared to competitive solutions and offer the industry?s lowest cost for increasing the number of USB PD ports in vehicles.
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SPONSORED ARTICLE

Cybersecurity for the Intelligent Edge: A Micro Web Tech Series

Learn how to bake cybersecurity into can?t-fail devices and systems at the edge in this educational video series with Wind River. The seven-part series takes you from implementing Confidentiality, Integrity, and Assurance (CIA) principles to maintaining secure embedded systems throughout the product lifecycle, all in less than 30 minutes.
Watch series

IN-VEHICLE INFOTAINMENT NEWS

iWave Systems and Crank Software Partner to Enable Enhanced User Experiences on HMI Solution

iWave Systems collaborated with Crank Software to provide 3D touch screen interfaces on iWave HMI solutions.
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AUTONOMOUS VEHICLES NEWS

HART Launches Tampa Bay Area's First Autonomous Vehicle Pilot In Downtown Tampa

Hillsborough Area Regional Transit (HART) launched the first, fully electric automated vehicle pilot in the Tampa Bay region funded by the Florida

Department of Transportation.
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IN-VEHICLE INFOTAINMENT FEATURE

HMIs Transform How We Interact With Vehicles

Human machine interfaces (HMI) have become omnipresent in new vehicle models. Used initially as a replacement for car radio and cassette/CD entertainment units, they quickly added satellite navigation capabilities to turn them into an infotainment system.
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