

AUTOMOTIVE FEATURE

Europe Jockeys for Pole Position in the EV Development Race

While the marketplace is beginning to recognize that electric vehicles (EV) are a growing and permanent part of society going forward, there is a lot of development still to be done. EVs are far from mature, and the nature of electromobility is still being determined. Although Tesla has a head start in both perception and product, there are a lot of players out there jumping into the EV game with both feet.

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AUTOMOTIVE NEWS

IDTechEx Claims More Plug-In Hybrids, but no Future for the Sector

There are a lot of plug-in hybrid cars being released, from mainstream automotive manufacturers, but the fundamentals are all against them. Those offering the most desirable pure electric cars ? those with the longest range and three times the resale value ? have long waiting lists, but they will catch up.

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SMART FARMING NEWS

CEA-Leti Launches Smart-Farm Project

Leti, a research institute of CEA Tech, announced a new European Commission smart-farming project that will deliver real-time data on soil conditions.

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IoT NEWS

Distrelec to Distribute the Arduino IoT Prime Bundle

Distrelec has collaborated with Arduino, to be the exclusive distributor of their IoT Prime Bundle, which provides users from all skill levels the ability to prototype, develop, and create solutions for innovative IoT applications.

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PROCESSING NEWS

congatec Boards with 8th-gen Intel Core Mobile Processors Offer 10+ Years Availability

congatec announced their latest embedded versions of the 8th-generation Intel Core Mobile processors (codenamed Whiskey Lake) are now available on COM Express Type 6 Compact modules, 3.5-inch SBCs, and Thin Mini-ITX motherboards.

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POWER ELECTRONICS NEWS

COSEL's 300W and 1000W Power Supplies Offer Extended Communications Bus

Cosel released two high power density power supplies with extended communications I/O, the 300W PCA300F and 1000W PCA1000F. Complementing the existing 600W PCA600F, all have a built-in extended-UART (Universal Asynchronous Receiver/Transmitter) interface supporting up to 83 commands to monitor and control the whole range of power supply parameters. A PMBus version will be available in Q4-2019.

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AUTOMOTIVE NEWS

Car Connectivity Consortium Welcomes STMicroelectronics

STMicroelectronics joined the Car Connectivity Consortium (CCC), contributing its technology portfolio that includes many segments conducive for automotive connectivity such as ST25 NFC readers, ST33 Secure Elements, STA12 Accordo infotainment processors, STA13 Telemaco vehicle processors, and Stellar vehicle gateway/domain microcontrollers.

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PEOPLE & PRODUCTS PODCAST

The Introduction of GaN- and SiC-Based Power Solutions

At PCIM we were able to talk with GaN Systems' CEO Jim Witham, who told us about the various devices and products at their booth, as well as the state of the industry from his perspective.

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