POWER ELECTRONICS FEATURE

EU-Funded Consortium Launches ECO COM'BAT Project For Sustainable High-Voltage Batteries

Insuring that Europe is a player in the burgeoning market for advanced batteries, 10 partners from industry and research organizations will cooperate in an EU-funded project called ECO COM'BAT, with the goal of creating a sustainable high-voltage lithium-ion battery.

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STORAGE NEWS

HCC Embedded Releases SafeexFAT File System for Failsafe Data Storage

HCC Embedded launched SafeexFAT, a reliable, RTOS-independent exFAT file system implementation. It prevents loss of data in applications including automotive, industrial and medical.

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AUTOMOTIVE NEWS

**NXP and VW Showcase Ultra-Wideband (UWB) Technology Potential**

NXP Semiconductors has been working with Volkswagen on a concept car to explore the capabilities of Ultra-Wideband (UWB) technology to enhance security, safety and convenience in automobiles.

[Read more](#)

AUTOMOTIVE AI NEWS

**Continental Acquires Minority Stake in Cartica AI**

Continental has gained a minority stake in Cartica AI, which develops artificial intelligence (AI) software that helps to speed up machine learning in the field of object recognition in automobiles.

[Read more](#)

POWER ELECTRONICS NEWS

**Fraunhofer Researchers Develop Porous Silicon Layers for More Efficient Lithium-Ion Batteries**

Recently as part of the PoSiBat project (funding reference 100275833), Fraunhofer FEP scientists were able to develop a non-toxic manufacturing process for porous silicon layers.

[Read more](#)

DEVELOPMENT TOOLS & OPERATING SYSTEMS NEWS

**AdaCore Launches Fourth Annual Make with Ada Programming Competition**

AdaCore’s 4th annual “Make with Ada?” programming competition is underway. Participants will be asked to design and implement an embedded software project using Ada and/or SPARK as the primary language technologies.

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congatec’s SMARC Module Uses NXP i.MX 8M Mini Processor

congatec introduced the conga-SMX8-Mini SMARC 2.0 Computer-on-Module with an NXP i.MX 8M Mini processor, offering higher performance at lower power levels, as well as visualization capabilities that include 3D graphics with full-HD resolution.

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POWER ELECTRONICS INDUSTRY FEATURE

Industry Deals Underscore the Growing Importance of Wide-Bandgap Semiconductors

There will be more deals as SiC and GaN continue to expand their roles in the electronics industry. There are a lot of applications that can significantly benefit from the use of wide-bandgap devices, and as designers in those spaces start using them, the demand will create additional sourcing issues in the industry.

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