POWER ELECTRONICS FEATURE

Maximize Mobile Point of Sale (POS) Uptime with Robust Protection Technologies

Advances in mobile electronic technologies are enabling the creation of new and more capable portable point of sale (POS) devices. Users depend on the performance of these new devices to enable retail transactions from anywhere. Maximizing uptime and assuring high reliability are mission critical in any retail operation, from small stores to big box stores.

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PROCESSING & IP NEWS

NSITEXE, Kyoto Microcomputer, Codeplay Software Bringing Open Standards Programming to RISC-V Vector Processor

Codeplay Software announced that software developers working on HPC and AI for embedded systems will be able to take advantage of industry defined open standards from The Khronos Group on RISC-V architectures.

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database management requirements to meet these new challenges. 

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DEVELOPMENT TOOLS & OPERATING SYSTEMS NEWS

IAR Systems Adds Functionality to Functional Safety Certified Renesas RH850 Development Tools

IAR Systems added new functionality to its development tools for Renesas? RH850 automotive microcontrollers (MCUs). The latest version of the complete C/C++ compiler and debugger toolchain IAR Embedded Workbench for Renesas RH850 can now optionally generate position-independent code and/or position-independent data.

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Rethinking Digital Transformation: Addressing the Complexities of the New Normal

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Date: December 3, 9:00 a.m. ET

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AUTOMOTIVE DEVELOPMENT TOOLS NEWS

New Mentor Solution Lowers Cost and Speeds Development of Automotive Cockpit Systems

Per the company, the offering helps automotive OEMs and their suppliers design and develop next-generation cockpit systems on a single high-compute electronic control unit (ECU) system.

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IoT Development Kit Guide

Help for embedded and Internet of Things (IoT) design engineers to efficiently identify evaluation kits for system prototyping.

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SPONSORED VIDEO

Embedded Toolbox: The Ins and Outs of IP Protection for Embedded Systems

According to analysts, IP theft costs industry a staggering $500 to $600 billion per year. With more than half a trillion dollars at stake, you?d think that IP protection would be top of mind for many electronic device manufacturers.

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Product of the Week: Ethertronics? Universal Broadband FR4 LTE/LPWA Antenna

IoT and connected device engineers looking for the flexibility of multiple wireless communications standards in a small physical footprint have come to the right place.

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DEV KIT WEEKLY: HARDWARE REVIEW & RAFFLE

Silicon Labs BGM220 Bluetooth 5 Explorer Kit

Based Silicon Labs? EFR32BG22 SoC, the BGM220P itself is a full-featured, modern-day Bluetooth connectivity solution, with a 2 Megabit PHY and built-in antenna that support long-range Bluetooth 5 low energy connectivity and Bluetooth Mesh. It has a maximum power output of 8 dBm that helps deliver a robust and reliable RF communications link, RF shielding, and a top-notch receive sensitivity of -98.9 dBm.

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