NOVEMBER 2018

VIDEO

Day 0 Electronica 2018
EMBEDDED COMPUTING DESIGNS

Day 0 is set up day at electronica! Rich Nass discusses our industry's largest event, Industrial IoT and what you can expect to see at the show.

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VIDEO

Rich Nass talks with Guenter Fischer about Trusted Computing Group at Electronica 2018
EMBEDDED COMPUTING DESIGN

Guenther Fischer, with Wibu-Security and the Trusted Computing Group will be at booth C3-509 from 10am -12 pm on Wednesday Nov. 14th to discuss protecting and securing data.

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VIDEO

Rich Nass talks security with Data I/O CEO Anthony Ambrose at Electronica 2018
EMBEDDED COMPUTING DESIGN

Security takes many forms, and unfortunately, designers need to check every box. In this discussion with Data I/O CEO Anthony Ambrose, Embedded Computing Design's Rich Nass about security end points.

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The winners of the Better Place Challenge have been announced

EMBEDDED COMPUTING DESIGN

The winners of the Better Place Challenge have been announced. Sponsored by Renesas Electronics, IAR Systems, and Embedded Computing Design, the challenge resulted in a host of great ideas. Hear which designs took home the prize money in this discussion between Embedded Computing Design's Rich Nass and Renesas' Steve Norman.

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Bosch launched new automotive system-ICs at Electronica 2018

EMBEDDED COMPUTING DESIGN

The integrated circuit CG912 is designed to initiate up to four pyro fuses in the battery wiring in the event of an accident, decreasing the risk of electrical shock when coming into contact with the vehicle's chassis. It can also provide power to the battery.

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STMicroelectronics Brought Semiconductor Solutions for Smart Industry and Smart Driving to Electronica 2018

EMBEDDED COMPUTING DESIGN

The company showcased a smart factory control-center demonstration for condition monitoring and predictive maintenance technologies.
RS Components set out to attract next generation of engineers at Electronica
EMBEDDED COMPUTING DESIGN
The company divulged first-hand technology experience to young attendees, hoping to inspire them to pursue an engineering career.

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Osram appeared at Electronica to reveal vehicle interior lighting
EMBEDDED COMPUTING DESIGN
E4633i, the latest edition to the Osire product family, features three LED hues – red, green and blue – as well as a serial control driver.

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Are You Still Using Different Modems for Global Power Line Communication?

Microchip’s single multi-protocol PL360B modem can address multiple markets, end-customer regulations and operational requirements. Supporting PLC protocols up to 500 kHz, the PL360B also reduces power consumption by up to 25% over previous generations and optimises transmission efficiency with an integrated Class D amplification scheme.

News

Texas Instruments Power Management Lab Kit at Electronica
EMBEDDED COMPUTING DESIGN
The learning kit is designed to help engineering students and electrical engineers study and understand magnetics’ impact on a buck power supply.

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On Semi showcased automotive power modules at Electronica

EMBEDDED COMPUTING DESIGN

The company revealed their new FAM65xxxx modules and address applications such as vehicle electrification, autonomous driving and lighting technology.

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Adesto Appeared at Electronica Following S3 Semiconductors and Echelon Corporation Acquisitions

EMBEDDED COMPUTING DESIGN

Adesto presented a variety of solutions following its recent acquisitions of S3 Semiconductors and Echelon Corporation, all targeting IoT edge and communication gateway systems.

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AVX and subsidiaries Ethertronics, AB Elektronik, and ATC appeared at Electronica 2018

EMBEDDED COMPUTING DESIGN

AVX Corporation showcased its portfolio for automotive, medical, military, aerospace, industrial, and consumer market products at Electronica 2018.

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The Power of Two: Design Code Separately and Integrate It Seamlessly with Dual-Core dsPIC Digital Signal Controllers

MICROCHIP TECHNOLOGY INC.

What is one of your biggest challenges when designing high-end embedded control applications? For many engineers, their pain point is integrating software from multiple teams.

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NEWS

Digi International Showcased IoT Expertise, Edge Computing at Electronica 2018

EMBEDDED COMPUTING DESIGN

Digi International presented its Digi XBee3 series of smart edge IoT modules and modems at Electronica 2018 at the Messe M?nchen Exhibition Center.

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NEWS

Greenliant Presented NANDrive and ArmourDrive SSDs at Electronica 2018

EMBEDDED COMPUTING DESIGN

The NANDrive SSDs are offered in a space-saving, ball grid array (BGA) platform and are available in a wide range of capacities in three different interfaces (eMMC, PATA, SATA).

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NEWS

Micross Presented Microelectronic Products & Services at Electronica 2018

EMBEDDED COMPUTING DESIGN

Micross appeared at Electronica with some impressive products on display.

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WHITE PAPER

The Impacts of File System Fragmentation on Automotive Storage Performance

TUXERA

It's important for car makers and Tier-1 suppliers to
choose their file system implementations wisely. File systems impact read and write performance of the storage, the integrity of the data stored, flash endurance or the lifetime of the memory hardware, and data and storage interoperability. Specific factors that affect file system performance include file size, device partitioning, or the file system implementations themselves.

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Case Study: Embedded Computing Design at Embedded World ? We believe in big numbers

OPENSYSTEMS MEDIA

OpenSystems Media believes in BIG numbers. Over the past 30 years, OpenSystems Media has consistently led the industry in lead generation, especially when it comes to events like Embedded World.

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The Business Impact of Development Frameworks

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