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SMART CITIES FEATURE

The TALQ Consortium Presents an Integrated Ecosystem for Smart Cities

The TALQ Consortium aims to establish a globally-accepted standard for managing software interfaces that configure, command, control, and monitor heterogeneous outdoor device networks.

[Read more](#)



SEMICONDUCTOR MANUFACTURING NEWS

GLOBALFOUNDRIES Sues TSMC in the U.S. and Germany

GLOBALFOUNDRIES (GF) filed multiple lawsuits in the U.S. and Germany alleging that semiconductor manufacturing technologies used by Taiwan Semiconductor Manufacturing Company (TSMC) infringe 16 GF patents.

[Read more](#)

POWER ELECTRONICS NEWS

Ferdinand-Braun-Institut Researchers Create Gallium Oxide Power Transistors with Record Values

The Ferdinand-Braun-Institut (FBH) recently announced a breakthrough with transistors based on gallium oxide (α -Ga₂O₃). The α -Ga₂O₃-MOSFETs provide a high breakdown voltage as well as high current conductivity, while offering a breakdown voltage of 1.8 kilovolts and a power figure of merit of 155 megawatts per square centimeter.

[Read more](#)

DEVELOPMENT TOOLS & OS NEWS

SEGGER Announces Full Support for Flash-Based RISC-V Microcontroller

SEGGER announced full support for the flash-based RISC-V microcontroller introduced by GigaDevice Semiconductor.

[Read more](#)

AUTOMOTIVE SECURITY NEWS

ELTEC Elektronik Allows Secure Browsing in Automotive Applications

ELTEC Elektronik has supplemented its family of wireless LTE routers with the CyBox RT 2-A, which combines a wireless router, access point and integrated switch in a small, albeit robust, frame.

[Read more](#)

POWER CONVERTER NEWS

ABSOPULSE's Liquid-Cooled DC-DC Converter Delivers up to 2000W

ABSOPULSE Electronics' LQC 2K-3U2LC liquid cooled, industrial DC-DC converter can deliver up to 2000W from an input of 600Vdc (400Vdc to 800Vdc range) with a 24Vdc/80A output.

[Read more](#)

AUTOMOTIVE NEWS

AIWAYS U5 Prototypes Enter Europe

AIWAYS' U5 battery-electric SUVs have made their way into Europe for the first time, specifically Finland. It is the latest phase of AIWAYS' 8,843-mile prototype engineering drive from China to Western Europe.

[Read more](#)

WEBCAST

Panel Discussion: Security in the 5G Era

Sponsored by: **Lanier, Telit, Wind River**

Date: **September 4, 2:00 p.m. ET**

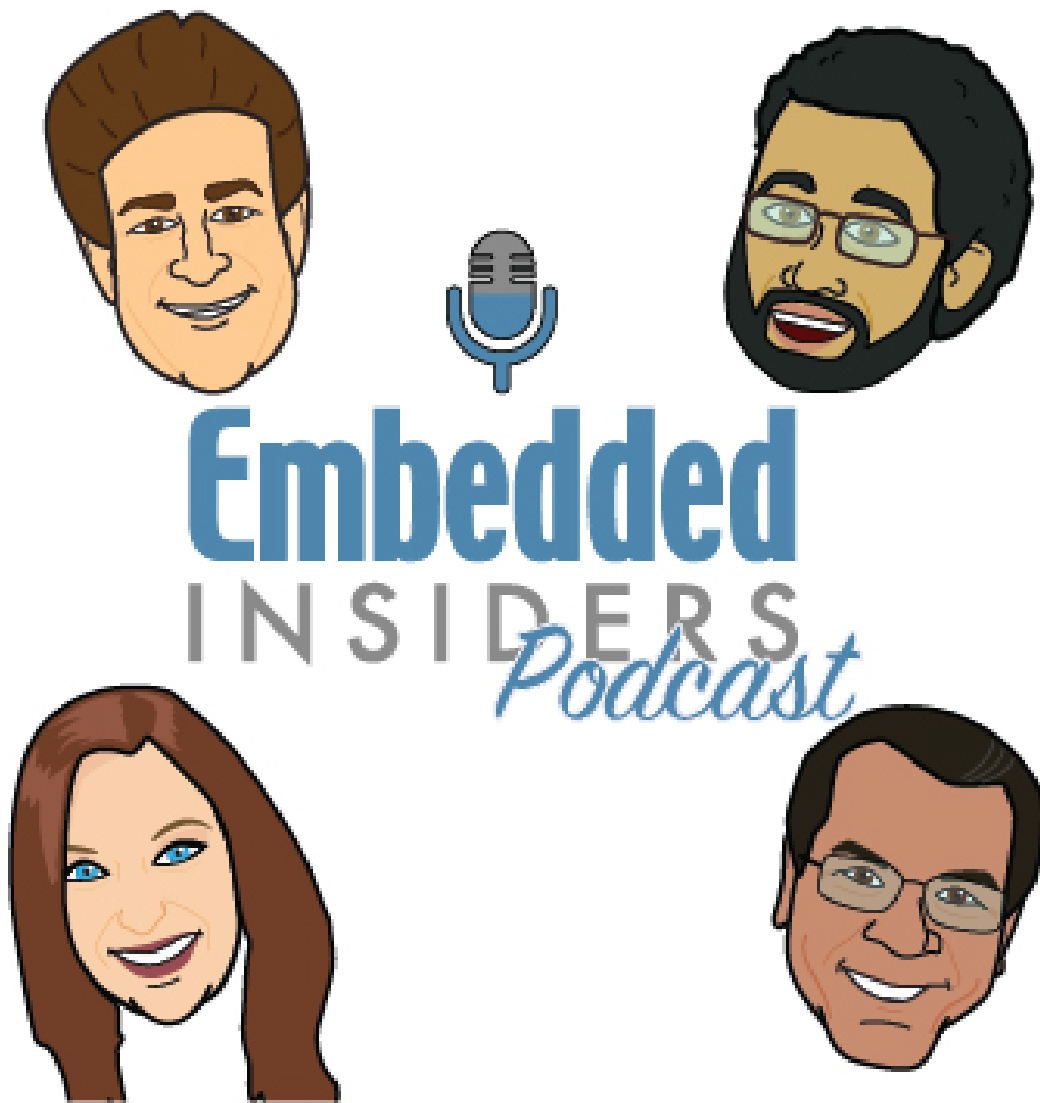
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EMBEDDED INSIDERS PODCAST

The Expansion of Wide-Bandgap

In this episode the Embedded Insiders welcome Peter Rogerson of Power Integrations, who talks about the company's migration from silicon-based switching materials to wide-bandgap semiconductors, specifically Gallium Nitride. Does the move underscore another step in the expansion of the wide-bandgap marketplace, or is it just another product portfolio from one of the industry's biggest power electronics players?

[Tune in to find out.](#)



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