DEVELOPMENT TOOLS & OPERATING SYSTEMS FEATURE

**Advanced Systems and Inter-Device Communications**

The development of next-generation cloud-based functionality continues at a breakneck pace, fueled by the ongoing expansion of the IoT, compounded by the growth of edge computing. Edge-driven systems are the logical future of almost anything in the Cloud, as smart devices at the point of application need to address both latency and bandwidth issues effectively.

**Read more**

AUTOMOTIVE NEWS

**ROHM’s Compact Lens-Equipped LEDs Target Vehicle Instrument Clusters**

ROHM’s latest compact high-output surface-mount LEDs with lens includes 18 devices, comprised of the CSL0901 series featuring standard brightness, and the high-brightness CSL0902 series.

**Read more**

POWER ELECTRONICS NEWS

**Danisense and National Instruments Partner to Provide Advanced Power Analysis**

Danisense revealed that National Instruments has selected the DS50UB-10V, DS200UB-10V, DS600UB-10V, and DS2000UB-10V current transducers for...
use with its RM-26999 4-channel power measurements conditioner. National Instruments' RM-26999 is a rack-mounted, signal conditioning device that connects to simultaneous-sampling multifunction I/O devices for power measurements. Read more

POWER ELECTRONICS NEWS

**Infineon's 80V DC-DC Buck LED Driver IC Touts Dimming Performance**

Infineon Technologies' ILD8150/E LED driver IC features hybrid dimming mode technology to achieve 0.5 percent of the target current. Accepting a supply voltage from 8Vdc to 80Vdc, the driver IC provides a high safety voltage margin for applications operating close to safe extra-low voltage (SELV) limits, such as general and professional LED lighting applications with high dimming requirements. Read more

INDUSTRIAL NEWS

**ams Supports Implementation of Ultrasonic Water Metering Across Greater China**

ams, Qingdao iESLab Electronic, and Jiangxi Water Group announced plans to extend the China Water Utilities' Platform, an industrial alliance founded to promote the benefits of ultrasonic water metering and NB-IoT technologies based on Ali Cloud. Read more

IOT SECURITY NEWS

**Eurotech Integrates Infineon TPM for End-To-End Security from IoT Edge Gateways to the Cloud**

Eurotech and Infineon Technologies will offer Infineon's Trusted Platform Module (TPM) integrated in Eurotech's IoT Edge Gateways to protect device identity. Eurotech will include Infineon's OPTIGA TPM 2.0 SLB9670 in its Multi-service IoT Edge Gateways. Read more

POWER SUPPLY NEWS

**METCOM MPX Power Inductors by KEMET Now at Distrelec**

Distrelec expanded their assortment of power inductors with KEMET Electronics' METCOM MPX Series, with technology defined by its low direct current rate and high efficiency. Read more

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**The State of Machine Vision Software**
In this podcast, we talk to Christoph Zierl, Technical Director at MVTec Software, about the state of machine vision software and the applications that currently benefit from it.

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