APRIL 2019

MISRA C:2012 3rd Edition: Coming to Grips with Terminology
ANDREW BANKS, MISRA C WORKING GROUP

In February of this year, MISRA published an updated version of the world-leading MISRA C guidelines – described as MISRA C:2012 3rd Edition, 1st Revision.

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ZF coPILOT Aids Improved Safety and Driving Comfort9
LAURA DOLAN, TECHNOLOGY EDITOR

ZF is launching its ZF coPILOT, an intelligent advanced driver assistance system that yields enhanced safety and driving comfort opportunities.

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Neusoft Selects Qt’s Software Development Framework as Foundation of Automotive Digital Instrument Clusters
KATELYN ALBANI, STAFF WRITER

Neusoft Corporation has chosen Qt’s software development framework as one of the foundations for its automotive digital instrument clusters.

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Infineon’s CIPOS Micro IPMs Boast High Efficiency Operation
ALIX PAULTRE, SENIOR TECHNOLOGY EDITOR, ANALOG, POWER & EMBEDDED EUROPE

Infineon Technologies’ CIPOS Micro IM231 family of 600V-rated intelligent power modules (IPMs) features the motor drive TRENCHSTOP6 IGBT and optimized switching characteristics for higher efficiency and low EMI. With 2 kV, this IPM offers the highest UL1557-certified isolation voltage in its class.
Plessey’s Manufacturing Method for Green LEDs Promises to Empower microLED Displays
ALIX PAULTRE, SENIOR TECHNOLOGY EDITOR, ANALOG, POWER & EMBEDDED EUROPE

Plessey has developed a 2D planar gallium nitride on silicon (GaN-on-Si) process to emit Green light without the need for color conversion. Instead of applying phosphors or quantum dot conversion materials to native Blue LEDs, Plessey’s native Green LEDs are formed inherently using their GaN-on-Si epitaxial growth process, similar to the native Blue LEDs, with the principal difference coming in the amount of indium that is incorporated in the quantum well structures.

Rohde & Schwarz Launches Global Certification Forum Test Package for Cellular-V2X Modules
ALIX PAULTRE, SENIOR TECHNOLOGY EDITOR, ANALOG, POWER & EMBEDDED EUROPE

Rohde & Schwarz announced approval for its cellular vehicle-to-everything (C-V2X) protocol conformance testing package, per the Global Certification Forum (GCF). The approval is based on tests executed using the R&S CMW500 wideband radio communication tester and R&S SMBV100A vector signal generator.

Electrocomponents Launches OKdo Tech Company
ALIX PAULTRE, SENIOR TECHNOLOGY EDITOR, ANALOG, POWER & EMBEDDED EUROPE

Electrocomponent has launched OKdo, a global technology business to focus on single board computing (SBC) and Internet of Things (IoT) solutions. The company’s goal is to provide end-to-end support for all SBC and IoT segments, spanning makers, entrepreneurs, industrial designers, educators and re-seller partners.

E.ON Energy Projects Gets Tech from BayPAT
ALIX PAULTRE, SENIOR TECHNOLOGY EDITOR, ANALOG, POWER & EMBEDDED EUROPE

BayPAT has signed an agreement with E.ON Energy Projects regarding a technology improving the efficiency and flexibility of combined-cycle power plants with cogeneration, developed at the Technical University of Munich (TUM) and patent application filed by BayPAT.
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**CADENCE DESIGN SYSTEMS**

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