Embedded World 2019 Highlights - Part One

ALIX PAULTRE, SENIOR TECHNOLOGY EDITOR, ANALOG, POWER & EMBEDDED EUROPE

The Embedded World Conference and Exposition in Nuremberg, Germany, is always a great event to attend. A key trade show in the electronic design engineering community, Embedded World is where people come to meet and exchange the latest information, products, ideas, and technology.

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UDOO at Embedded World 2019

EMBEDDED COMPUTING DESIGN

Embedded Computing Design's Alix Paultre speaks with Maurizio Caporali of UDOO at Embedded World booth #1-330.

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Basler's Dart Bcon for MIPI Development Kit wins Award at embedded world

LAURA DOLAN, TECHNOLOGY EDITOR

The company’s embedded vision kit won in the embedded vision category. The kit features a camera module that utilizes the image signal processor of Qualcomm’s Snapdragon system on chip (SoC) under Linux and has a 5 megapixel, 60fps Dart camera module with Bcon for MIPI interface and a processing board.

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Shiratech IoT Cube BOX uses STM32MP1 MCU
ALIX PAULTRE, SENIOR TECHNOLOGY EDITOR, ANALOG, POWER & EMBEDDED EUROPE

IoT Cube Box makes full use of the STM32MP1 series' strengths, running at up to 650MHz and operating a high-performance Arm Cortex-M4 microcontroller core running at 209MHz.

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Looking for 1.8V Temperature Monitoring at Multiple Locations?
Delivering advanced warning of fluctuations in system temperature, the EMC181x family is the first to offer two-dimensional temperature sensing with rate-of-change reporting. The family integrates from two to five remote channels and includes the industry's smallest five-channel temperature sensor with standard lead spacing.

For Internet of Things (IoT) and other low-voltage designs, the family supports migration down to 1.8V with register and voltage compatibility for Microchip's 3.3V EMC14xx family.

LDRA at Embedded World 2019
EMBEDDED COMPUTING DESIGN
Embedded Computing Design's Alix Paultre speaks with Jim McElroy of LDRA at Embedded World booth #4-509.

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STMicroelectronics Releases its STM32MP1 Microprocessor Series
LAURA DOLAN, TECHNOLOGY EDITOR
STMicroelectronics is extending the functionality of its STM32 MCU by applying its Arm? Cortex? expertise. It is designed to simply the production of high-performance solutions for industrial, consumer, smart home, health and wellness applications.

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Embedded World 2019 Highlights - Part Two
ALIX PAULTRE, SENIOR TECHNOLOGY EDITOR, ANALOG, POWER & EMBEDDED EUROPE
The recent Embedded World Conference and Exposition in Nuremberg, Germany, was a great example of the energy in the electronic design industry. One of the positive aspects of working in a disruptive technology development environment is the raw excitement of discovery.

Best-in-Show Award Winners at Embedded World 2019

Embedded Computing Design's Best in Show Awards recognize innovative new products on display at Embedded World 2019. Discover AI, IoT, automotive, industrial, power, and other solutions showcased at the industry's largest tradeshow.

ROHM 1608-Size White Chip LED Touts Reliability

ALIX PAULTRE, SENIOR TECHNOLOGY EDITOR, ANALOG, POWER & EMBEDDED EUROPE

ROHM released the 1608 (1.6x0.8mm) SMLD12WBN1W white chip LED, which offers a long operational life, useful in display panels. The adoption of a new material combining benefits of epoxy and silicone resins enable the SMLD12WBN1W to maintain 100 percent luminosity after 1,000 hours (@25°C, IF=20mA), and a package strength 25x over products using silicone resin.

arm on Helium at Embedded World 2019

EMBEDDED COMPUTING DESIGN

Embedded Computing Design's Rich Nass talks with Thomas Ensergueix of arm at Embedded World booth #4-140.

Aucotec Launches Flexible Cloud Model

ALIX PAULTRE, SENIOR TECHNOLOGY EDITOR, ANALOG, POWER & EMBEDDED EUROPE

Aucotec presented a new cloud model for its cooperative platform Engineering Base, so customers can use the entire license portfolio of the software without hardware installations, administration and maintenance costs. The
A Game-Changing Leap in Autonomous Vehicle Software Architecture

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