Germany Ups Its Stake in E-Mobility
ALIX PAULTRE, SENIOR TECHNOLOGY EDITOR, ANALOG, POWER & EMBEDDED EUROPE

The migration from fossil-fueled cars to electrically-driven, highly-enabled electrical vehicles (EVs) has been full of false starts and stops, with arguments both emotional and technical stirring the pot of contention.

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Power and Protocols
ALIX PAULTRE, SENIOR TECHNOLOGY EDITOR, ANALOG, POWER & EMBEDDED EUROPE

The world has been embroiled in aggressive technology progression since the creation of the steam engine, and not only is the pace of change accelerating, the very nature of how we perceive technology is changing. Once driven by a hardware-oriented focus, large parts of the industry are moving toward a hardware-agnostic development philosophy.

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Ingredients for an Industrial SSD
SANDRO-DIEGO W?LFLE, HYPERSTONE

The demands for each component inside an industrial SSD are quite different from those inside a consumer product. Interestingly, most of these differences are addressed by one key component: the flash memory controller inside the SSD.

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X-FAB Launches High-Voltage Galvanic Isolation Process Technology
ALIX PAULTRE, ANALOG AND POWER EDITOR

X-FAB Silicon Foundries announced the full-volume production release of its new high-temperature galvanic isolation semiconductor process. This proprietary technology is fully automotive qualified and offers high levels of reliability.

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PLS? Latest Version of UDE 5.0 Hits the Market
LAURA DOLAN, TECHNOLOGY EDITOR

PLS (Programmable Logic & Systems) has released the latest version of its Universal Debug Engine 5.0 for professional debugging and embedded system testing.

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Do you need real-time power measurement of AC and DC?
The Microchip MCP39511A is a highly-integrated, complete single-phase power-monitoring IC designed for real-time measurement of input power for AC and DC power supplies. It is capable of detecting the input voltage types in order to select DC or AC mode automatically.

It includes dual-channel Delta-Sigma ADCs, a 16-bit calculation engine, EEPROM and a flexible 2-wire interface. Separate AC and DC calibration registers are provided, to ensure high-accuracy measurements in both modes.
260w DC-DC Converter Touts Power Density
ALIX PAULTRE, SENIOR TECHNOLOGY EDITOR, ANALOG, POWER & EMBEDDED EUROPE

Flex Power Modules? PKU4217D is a sixteenth-brick DC-DC converter that can deliver up to 260W at an output 10.4 Volts. The isolated intermediate-bus device can replace existing eighth-brick converters, saving 40 percent of the space required.

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Basler to Highlight Portfolio at embedded world
LAURA DOLAN, TECHNOLOGY EDITOR

Basler will be attending embedded world in Nuremberg from February 26-28, 2019, to showcase its Embedded Vision Kits as part of its embedded portfolio. Their live demonstrations on various topics such as IoT, AI and face recognition can be found in Booth 2-550.

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Maxwell Technologies Launches 3.0v Ultracapacitor Platform
ALIX PAULTRE, SENIOR TECHNOLOGY EDITOR, ANALOG, POWER & EMBEDDED EUROPE

Maxwell Technologies announced the launch of a new family of 3.0V ultracapacitors, in the same form factor as their 2.7-volt product line, providing users a drop-in upgrade. Designed for single-cell applications as well as multi-cell module systems, the 3.0V platform addresses the energy storage requirements in renewable energy and industrial electrification.

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Data Modul Presents Everything about Embedded at embedded world
LAURA DOLAN, TECHNOLOGY EDITOR

Data Modul AG will be appearing at embedded world from February 26 to 28 in Hall 1, Booth 1-234 in
Nuremberg, Germany presenting its involvement in present and future embedded solutions.

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