

DEV TOOLS & OS

Infineon to Acquire Cypress Semiconductor

Infineon Technologies and Cypress Semiconductor announced that Infineon will acquire Cypress for US\$23.85 per share in cash, corresponding to an enterprise value of ?9.0 billion.

[Read more](#)



PROCESSING

Arm Releases Cortex-A77 CPU, Machine Learning Processor, and Mali-G77 GPU

Arm has released a suite of IPs that include the Arm Cortex-A77 CPU, Arm Mali-G77 GPU, and Arm Machine Learning (ML) processor.

[Read more](#)

POWER ELECTRONICS

Vincotech's Tandem Power Solution Offers Speedier Switching

A family of high-speed power modules, the flowPACK 1 1200V six pack from Vincotech, features tandem diode technology and a high-speed IGBT for motion control applications requiring higher switching frequencies and lower power loss.

[Read more](#)

DEV TOOLS & OS

Toshiba's ARM Cortex-M4-Based Microcontrollers Deliver High-Speed Data Processing

Toshiba Electronics Europe added the M4G Group to its TXZ Family of ARM Cortex-M-based microcontrollers for office automation, audio-visual equipment, and industrial applications.

[Read more](#)

INDUSTRIAL

X-FAB's Substrate Coupling Analysis Addresses Unwanted Parasitics

Unwanted substrate couplings can cause parasitic effects that are damaging to overall performance. X-FAB Silicon Foundries introduced SubstrateXtractor, presented as the first commercially-available tool dedicated to addressing the

simulation of large-signal substrate parasitic effects.

[Read more](#)

PEOPLE & PRODUCTS PODCAST

The State of the Power Electronics Industry

In this podcast we talk to Arco Snoey, Global Sales Manager, and Jens Eltze, Strategic Marketing Director at Apex Microtechnology about the state of the industry at the PCIM show in Nuremberg, Germany.

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