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## DEVELOPMENT TOOLS & OPERATING SYSTEMS FEATURE

### Profiling Java Applications on Embedded Platforms

Performance issues are acute for Java applications. But there are problems with profiling Java applications running on embedded platforms that could significantly alter, or even stop, system operation. Still, it's sometimes necessary to conduct profiling in a production environment.

[Read more](#)



## SEMICONDUCTOR MANUFACTURING NEWS

### GLOBALFOUNDRIES Sues TSMC in the U.S. and Germany

Multiple lawsuits in the U.S. and Germany allege that semiconductor manufacturing technologies used by Taiwan Semiconductor Manufacturing Company (TSMC) infringe on 16 GLOBALFOUNDRIES patents.

[Read more](#)

Texas Instruments bq25886EVM Battery Charger Evaluation Module  
Used for the evaluation of the bq25886. Easily evaluate the high-efficiency  
2A, 1.5MHz integrated field-effect-transistor (FET).  
Sponsored by **Mouser Electronics**

#### POWER ELECTRONICS NEWS

### Microchip Releases Two USB-PD Solutions

The USB705x family yields accelerated device charging and presents unique PD implementations called HostFlexing and PDBalancing. The UPD301A is a standalone USB Type-C PD controller that makes it easy to incorporate basic USB Type-C PD charging.

[Read more](#)

#### IoT PLATFORM NEWS

### Action Releases Action Zen for Mobile and IoT, Improving Data Management at the Edge

Action Zen unites mobile and IoT devices with gateways, the cloud and customary on-premise databases. It also integrates with a wide range of programming languages, providing common APIs and a single database for a variety of data types, deployment targets and projects to diminish danger and simplify functionality.

[Read more](#)

#### AUTOMOTIVE SAFETY NEWS

### Designated Driver Offers Teleoperation Technology for Texas A&M Self-Driving Shuttles

Texas A&M University added Designated Driver's teleoperation solutions to its autonomous shuttles, which is the first commercial deployment of the technology on public roads.

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#### ADVERTISEMENT

### Panel Discussion: Deploy AI at the Edge

Sponsored by: **ADVANTECH, congatec, ISS**

Date: **September 26, 2:00 p.m. ET**

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#### IoT NETWORKING FEATURE

### Improved Systems Design Through OTA

Complexity kills. It sucks the life out of developers, it makes products difficult to plan, build and test, it introduces security challenges, and it causes end-user and administrator frustration. If you are going to improve the system, really improve the system, then you need to be able to update everything.

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