



Thursday 7/4

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IoT POWER MANAGEMENT FEATURE

Smart World of IoT ? Smart System-Level Power Management for Smart Devices

Last time we explored the use of advanced power modes and integrated peripherals to optimize power consumption. Now we'll take a look at controlling the power at a system level, including that of the external peripherals and the regulator.

[Read more](#)



IoT DEVELOPMENT TOOLS & OPERATING SYSTEMS FEATURE

As RTOSs Disappear, RTOS-Independent Applications Keep You in Control

Each MCU silicon vendor has its own software ecosystem based on different, but similar components. But now Amazon and Microsoft have each acquired their own RTOSs and different core technologies for IoT ecosystems built around their respective cloud platforms. The big question here is how this will play out.

[Read more](#)

IoT DEVELOPMENT TOOLS FEATURE

The AWS Serverless Platform

The AWS serverless platform enables vendors to deploy cloud solutions

without server provisioning, or deploying, maintaining, and monitoring applications, databases, or storage servers. Developers can therefore focus more on core products instead of operating servers.

[Read more](#)

IoT NETWORKING FEATURE

Bring on 5G: A Look at Some of the New Use Cases and Business Opportunities

5G networks will be faster than their 4G predecessors ? in some cases by more than 10x ? but this is only part of the story.

[Read more](#)

IoT APPLICATION NEWS

CEA-Leti Launches Smart-Farm Project

Deployed via small, private Internet of Things (IoT) networks, the SARMENTI sensor node will provide farmers with a reagent-free sensor platform to monitor real-time soil nutrient concentrations and measure local environmental conditions.

[Read more](#)

DEV KIT WEEKLY: HARDWARE REVIEW & RAFFLE

Dev Kit Weekly: ON Semiconductor RSL10 Sensor Development Kit

This week's kit is the RSL10 Sensor Development Kit from ON Semiconductor, which boasts the industry's lowest-power Bluetooth Low Energy/Bluetooth 5 SoC.

[Read more](#)



IoT DEV TOOLS & OS NEWS

Distrelec to Distribute the Arduino IoT Prime Bundle

Distrelec has collaborated with Arduino, to be the exclusive distributor of their IoT Prime Bundle, which provides users from all skill levels the ability to prototype, develop, and create solutions for innovative IoT applications.

[Read more](#)

STMicro Launches FCC-certified, ROM-based Teseo-LIV3R GNSS Module

The Teseo-LIV3R enables simultaneous tracking of GPS, Glonass, Beidou, and QZSS constellations, and leverage satellite-based augmentation system (S-BAS) and Radio Technical Commission for Maritime Services (RTCM) Version 3.1 to deliver accuracies within 1.5 meters.

[Read more](#)

WEBCAST

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Sponsored by **Dell Technologies, Hewlett Packard Enterprise, Wind River**

Date **June 25, 2:00 p.m. ET**

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FIVE MINUTES WITH...PODCAST

Five Minutes With?Alan Grau, VP of IoT, Sectigo

Embedded developers need to protect their systems after they are deployed. That?s not always easy to do, as you sometimes don?t know exactly where deployment is taking place. So, what to do? That?s the question I asked of Alan Grau, the Vice President of IoT and Embedded Solutions for Sectigo in this week?s Five Minutes With?discussion.

[Tune in to find out!](#)



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