EmbeddedDaily
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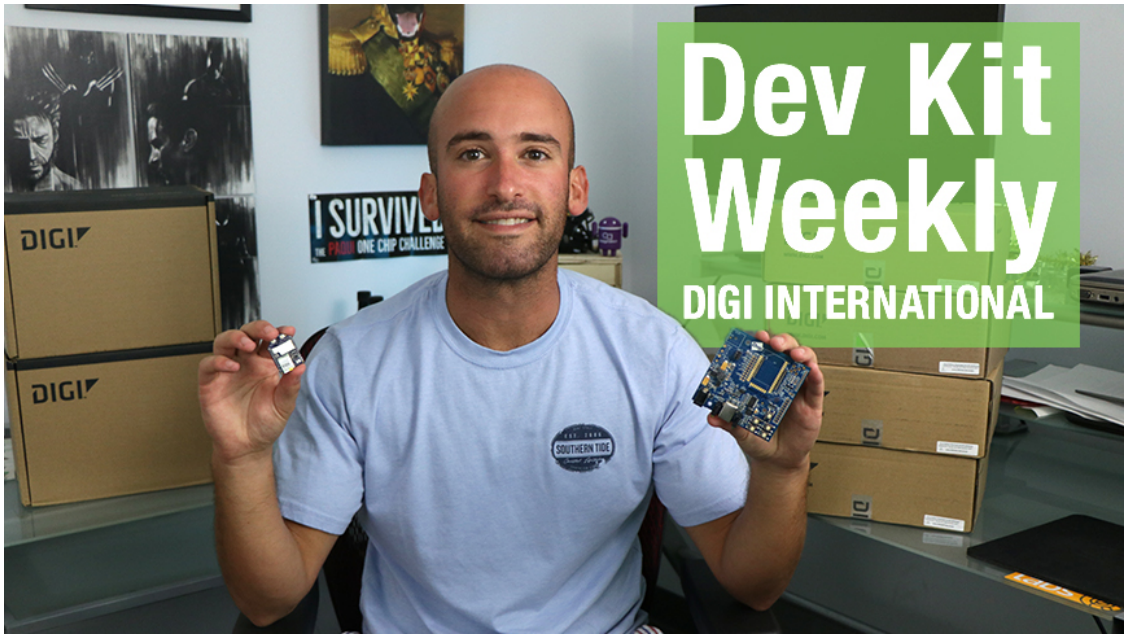
Friday 8/14

DEV KIT WEEKLY: HARDWARE REVIEW & RAFFLE

DEV KIT WEEKLY: Digi International XBee 3 LTE-M/NB-IoT Smart Modem Kit

This week we?ll be giving away nine of the Digi-International XBee 3 Cellular Smart Modem LTE-M/NB-IoT Development Kit for free, thanks to our sponsor DigiKey.

The kit is designed around a wireless module that supports both. The XBee 3 Cellular LTE-M/NB-IoT modem is based on a u-blox SARA cellular chipset and AT&T Nano SIM, which are packed into a 24.38 mm x 32.94 mm form factor. And it supports a power-saving mode that reaches as low as 20 ?A, with a deep sleep state that operates at just 10 ?A.
Watch Now



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NVIS MIL-STD-3009 Compatible Screen Now is Available on Winmate's Military-Grade Products

Night vision solutions to meet MIL-STD-3009 compliance Type 1 (Direct View Image) Class B NVIS requirements for military, defense, and avionics applications

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DEVELOPMENT TOOLS & OPERATING SYSTEMS NEWS

Lattice Releases Sentry Solutions Stack and Lattice SupplyGuard

Sentry stack combines embedded software, reference designs, IP, and development tools for the implementation of secure systems; the systems are compliant with NIST Platform Firmware Resiliency (PFR) guidelines (NIST SP-800-193). The Supply Guard Service extends system protection that is offered by the Sentry Stack.

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Secure Provisioning Keeps Files Safe as You Go to Manufacture

Go to manufacture as intended through secure provisioning. That means making sure your manufacturing partner receives your files exactly as you intended. Learn how in Part 5 of this five-part series.

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DEVELOPMENT KITS NEWS

Avnet Introduces Indoor Air Quality Sensor HAT for Raspberry Pi for Rapid Prototyping

The Avnet-designed evaluation, development, and quick-prototyping tool is intended for engineering professionals who need quick development of commercial, industrial, heating, ventilation, and air conditioning products requiring advanced indoor air quality measurement capabilities.

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IoT Development Kit Guide

Help for embedded and Internet of Things (IoT) design engineers to efficiently identify evaluation kits for system prototyping.

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IoT DEVELOPMENT KITS NEWS

Aldec's TySOM Embedded Development Kits are Now Qualified for AWS IoT Greengrass

Aldec has achieved the AWS IoT Greengrass qualification for its TySOM family of Xilinx Zynq SoC-based Embedded Development Kits (EDKs).

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Dealing with Security-Related Legislation Issues

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IoT NETWORKING FEATURE

Why Connectivity Needs to be a Priority in Rural America

This technology is essential for rural communities as it gives organizations the ability to measure and monitor data in real-time and detect issues before a crises arises. This happens through the implementation a network of sensors and gateways. The agriculture industry is one of the most well-known use cases for IoT technology in rural areas as it enables efficiencies that can help farmers to maximize their yield while minimizing their impact on the environment.

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