



DEV KITS FEATURE

On Semi's Motor Development Kit Prioritizes Energy Efficiency

Design engineers love development kits, for a bunch of reasons. One, they enjoy seeing how things work and the kits expose the technology. Two, they like to tinker with the boards and see if they can get the board to do what it's intended to do, as well as some things that it may not have been intended to do. And three, it gives them a nice head start on the development path.

[Read more](#)



AI PROCESSING NEWS

Renesas Introduces Scalable AI SMARC SoM Solution for Accelerating Time to Market of HMI and Embedded Vision Systems

Renesas Electronics introduced a scalable System-on-Module (SoM) Smart Mobility ARChitecture (SMARC) board solution comprised of 10 Renesas ICs, including microprocessor (MPU), power, and analog ICs.

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Get the Microsoft Windows 10 IoT Enterprise LTSC Licensing Guide

Learn about the licensing requirements for Windows 10 IoT Enterprise LTSC Edition

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AUTOMOTIVE SECURITY NEWS

First Cryptographic Companion Device Brings Pre-programmed Security to the Automotive Market

The cryptographic companion device is designed to support in-vehicle network security solutions such as secure boot, firmware update and message authentication, including Controller Area Network (CAN) MAC at bus speed.

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Dealing with Industrial Applications in Harsh Environments

Embedded systems are sometimes asked to operate in harsh environment. Such an environment can differ based on the specific application, but generally it has to do with temperature, shock and vibration, altitude, and ability to withstand moisture.

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TEST AND MEASUREMENT NEWS

Rohde & Schwarz Supports the UNH-IOL in Automotive Ethernet Testing Services for OPEN Alliance TC9 Test Specification

The collaboration on an automotive test platform between Rohde & Schwarz and UNH-IOL is designed to benefit OEMs, Tier1s, Tier2s, and system integrators who want to submit their products for compliance test certification.

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LYNX MOSA.ic for Industrial

This video provides a brief introduction to our system development framework for building Mission Critical Edge solutions: LYNX MOSA.ic? for Industrial.

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SPONSORED VIDEO

Embedded Toolbox: The Ins and Outs of IP Protection for Embedded Systems

According to analysts, IP theft costs industry a staggering \$500 to \$600 billion per year. With more than half a trillion dollars at stake, you'd think that IP protection would be top of mind for many electronic device manufacturers.

[View video](#)

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Introduction to FPGA Zynq? UltraScale TM

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Date: **December 8, 2:00 p.m. ET**

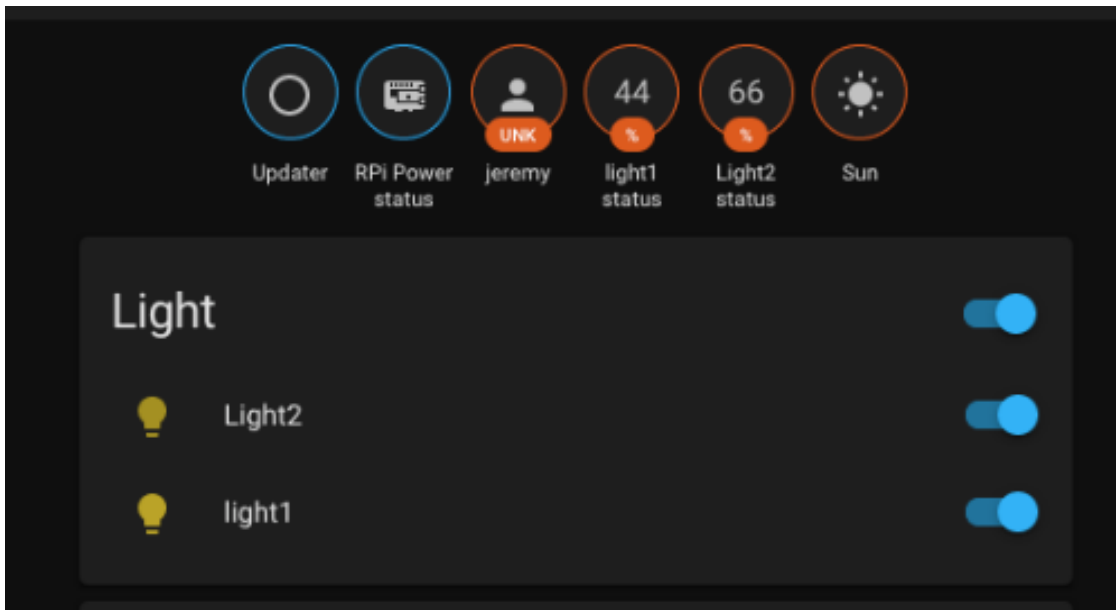
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DEVELOPMENT TOOLS AND OPERATING SYSTEMS FEATURE

Raspberry Pi Home Automation Part 3: Putting it All Together With Home Assistant

Setting up and running your own Raspberry Pi home automation system is both fun and useful, and lets you have control of your devices without depending on the cloud.

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