

The future of FreeRTOS

ANDREW LONGHURST, WITTENSTEIN

Just over a month ago, it was announced that FreeRTOS is being stewarded by Amazon Web Services (AWS), who have added a host of new features to the FreeRTOS kernel. The result is Amazon FreeRTOS, or a:FreeRTOS.

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Rohde & Schwarz introduces low-cost, high-quality oscilloscope

JAMIE LELAND

With a starting price of ?835, the eight-in-one instrument aims to accommodate users in the field of education, engineers with low budgets, and hobbyists.

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Developing for autonomous driving is hard ? really hard

RICH NASS

Lots of people are talking about autonomous driving, but the number of people actually developing systems around it is relatively small. Frankly, the biggest reason many shy away from developing the technology is because it?s really hard to do.

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A powerful phone? Not so much.

COLIN WALLS, MENTOR

Smart phones are ubiquitous and it is worth considering how their design has been influenced by consideration of power.

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Optimise Your Power Delivery Solutions

UPD360 - USB Power Delivery Controller

Microchip?s Power Delivery (PD) Controller, UPD360, is a USB-IF certified USB Type-C?/PD Controller. UPD360 integrates the functional blocks required for USB Type-C and PD communications, which includes V_{CONN} FETs and port power controllers. UPD360 can operate in a standalone mode or a companion mode, interfacing to MCUs, embedded controllers or USB hubs over I2C/SPI interface. UPD360 can be designed into applications that require USB connectivity, alternate protocols (viz. Display Port) and manage power (as a Source or Sink) up to 100 W over USB Type-C connectors.

[To find out more, click here.](#)

ROHM and Litmus Automation partner on IoT solution for smart factories

ECD STAFF

ROHM and Litmus Automation announced a collaboration on an IoT solution for smart factories that combine ROHM sensor and sub-GHz technologies with Litmus Automation's LoopEdge gateway and LoopCloud platform.

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froglogic announces plans for AI-driven test automation solutions

FROGLOGIC GMBH

The team at froglogic identified two main focus areas where AI can significantly increase the productivity of testers and developers: creation of automated tests and analysis and interpretation of test results.

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