

EMBEDDED COMPUTING DESIGN'S PRODUCT OF THE WEEK

Product of the Week: Maxim Integrated's Health Sensor Platform 3.0

Compared to the previous generation, the HSP 3.0 adds SpO2 measurement and dry electrode capabilities for ECG measurements, the latter of which enables the platform to monitor for a range of health issues, including atrial fibrillation (Afib), sleep apnea, COPD, and even symptoms of infectious diseases like COVID-19. Apart from wrist watch form factors, the HSP 3.0 can also be adapted for other dry electrode form factors such as chest patches and smart rings.

[Read More](#)



PROCESSING AND IP NEWS

Macnica Releases the SLVS-EC IP for Intel, XILINX Devices

Macnica ATD Europe announced its parent company, Macnica, is now offering Macnica SLVS-EC IP versions for both Intel and Xilinx devices.

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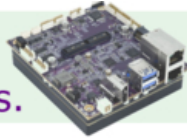
EMBEDDED NETWORKING NEWS

Portwell Partners with flexiWAN, Offers Customers a Versatile Network Solution

American Portwell Technology has partnered with flexiWAN, an open-source SD-WAN software provider to offer customers a complete network solution with the intention to free Managed Service Providers (MSPs) and Enterprises from the restrictions of the current hardware plus software lock-in.

[Read more](#)

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TEST & MEASUREMENT NEWS

Prodigy Technovations Announces New Logic Analyzer for Embedded Interfaces

Prodigy Technovations announced a logic analyzer for embedded interfaces in order to address the design verification, validation, and testing challenges faced by embedded design teams.

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Embedded Toolbox: Create Your Own CBRS Network with MultiConnect? microCell for Remote Learning

Where you live and what school you go to can determine your remote learning experience. In this episode, we implement low-cost, moderate-performance CBRS networks to get ahead of the bell curve.

Sponsored by **MultiTech Systems, Inc.**

SPONSORED WHITE PAPER

15 Ways to Maximise the Value of Unit Tests in Safety Critical Projects

In safety-critical software development, unit testing is mandated by standards. However, not all tests are built equal. This paper discusses approaches you can take with your unit testing to maximize their contribution to the development process.

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Power Panel: Designing with Wide Band Gap Power Semiconductors

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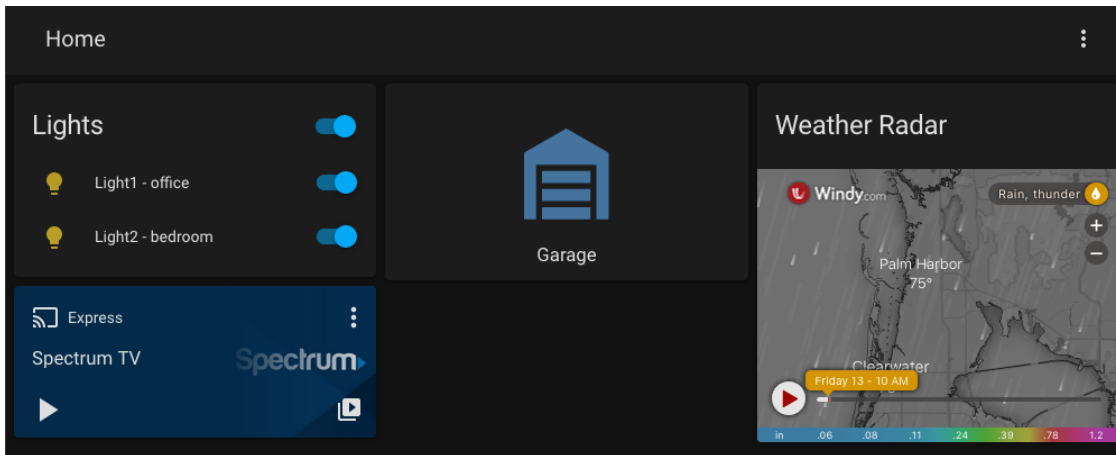
DEVELOPMENT KITS FEATURE

Raspberry Pi Home Automation Part 4:

Automation and Customized User Interface

In part 1 of this epic series, I gave an overview of my Pi home automation setup, followed by how to flash individual devices with Tasmota and in a third post I talk about how to set up Home Assistant (HA) itself.

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