The C++ has been slow to take off among embedded developers. Although many engineers are enthusiastic, many are very pragmatic and take an "if it ain?t broke, don?t fix it? approach and stick with C. Often there is concern about one specific feature; commonly that feature is exception handling.

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Swissbit introduced a family of 3D-NAND-SSD products optimized for demanding industrial- and NetCom applications, with product versions with 2.5-inch housing, and m.2-, SlimSATA- and mSATA-modules. Using Toshiba BiCS3 NAND specified and pretested from -40 and 85?C, the industrial SATA-6-Gb/s-SSDs have Flash controllers that support a 165-bit-LDPC error correction.

Inexperienced electronic-design engineers often assume that a good power-supply rail just ?happens,? while more-experienced ones know that a rock-solid, noise-free rail doesn?t come easy but is essential for stable, consistent, glitch-free system performance. But there?s more to a power supply than just its ability to provide a steady DC voltage despite load and line changes, system transients, noise and other aberrations.

Home security devices are very popular these days as they provide home or office with extra security over the
IoT NEWS

Sectigo and NetObjex Will Work Together to Protect the Edge of IoT
LAURA DOLAN, TECHNOLOGY EDITOR

Sectigo has joined forces with NetObjex for a secure edge computing technology pact, offering businesses and manufacturers a secured, trusted computing infrastructure that ranges from IoT edge devices to the cloud and blockchain.

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INDUSTRIAL NEWS

ON Semi to Host “Innovations in Smart Homes and Buildings” Tech Seminars
ALIX PAULTRE, SENIOR TECHNOLOGY EDITOR

ON Semiconductor announced a series of Technical Seminars for engineers and product designers of all skill levels. Hosted in key locations worldwide, the seminars will feature leading experts sharing their knowledge through technical practical presentations and hands-on demonstrations.

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AUTOMOTIVE NEWS

Autotalks and Datang Fulfill Chinese C-V2X Direct Communication Interoperability Testing
LAURA DOLAN, TECHNOLOGY EDITOR

Autotalks and Datang have completed assessing chipset-level interoperability of their corresponding solutions for C-V2X direct communication at the end of June in Beijing to authenticate their solutions and conclude that they function in accordance with 3GPP Rel. 14 standards.

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The Importance of Tracking in IoT and Other Cloud-Enabled Devices

ALIX PAULTRE, SENIOR TECHNOLOGY EDITOR

In this podcast, we sat down with Eitan Kirshenboim, ERM Advanced Telematics, who talked to us about the state of the industry and his company’s role in it. The company recently expanded its activities from telematics solutions for locating and tracking vehicles, drivers and passengers, adding IoT and Cloud-based services.

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End-to-End Security Means Edge-to-Cloud, Including Hardware and Software

End-to-end security, going from the Edge of the IoT to the Cloud, is not something you hear a lot about. Why? Because it’s hard to implement. Securing the individual pieces is far easier, but then you’re left to connect those sometimes incongruent pieces.

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undergoing a dramatic evolution. The advent of ubiquitous network connectivity has accelerated innovation of embedded systems at the network edge. And there is a growing need to be able to support the greater intelligence required to transition from automated to autonomous systems.

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