



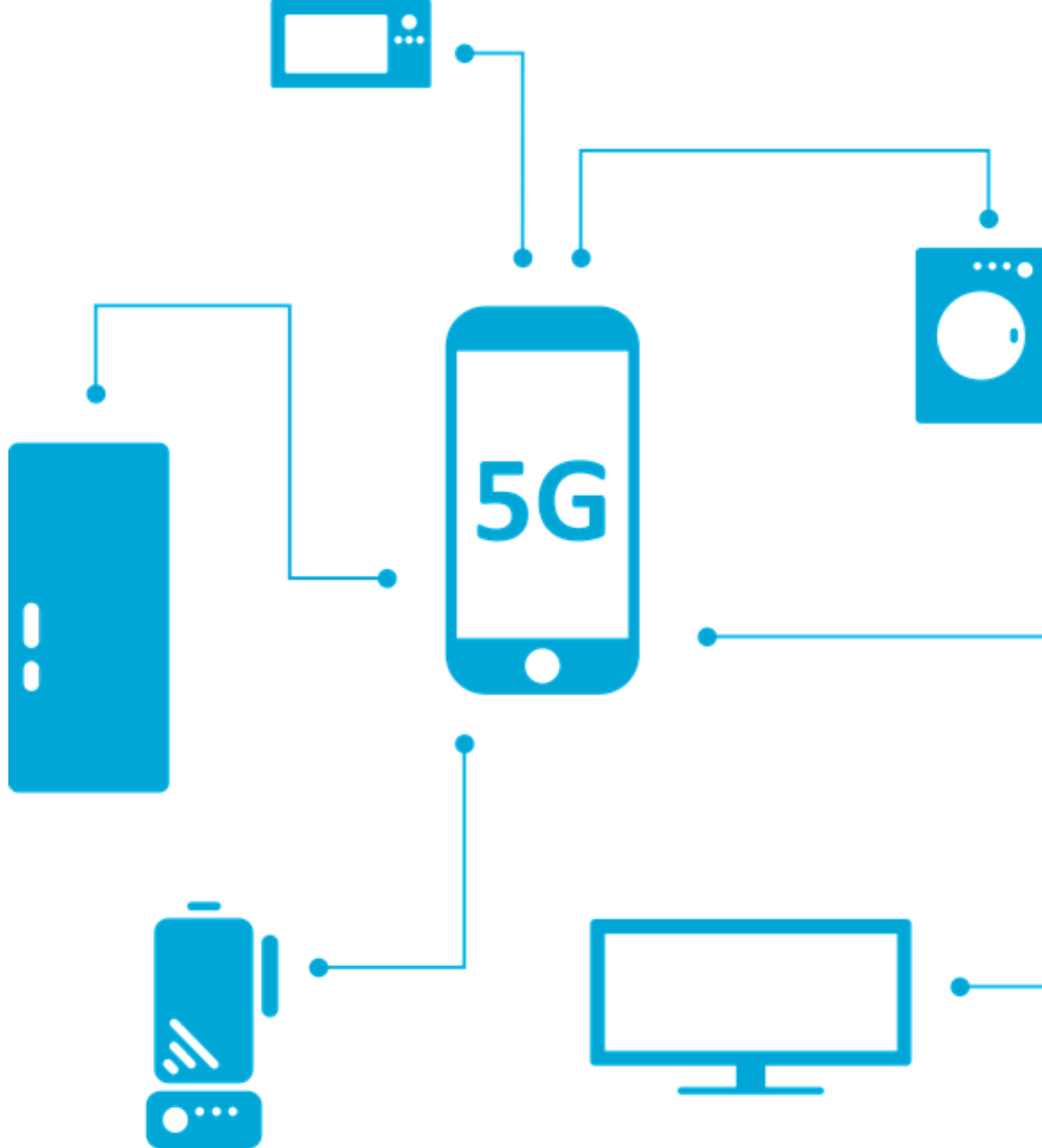
NETWORKING FEATURE

5G Primer Part 3: 5G Core Network

5G is a watershed event for mobile network operators. It's the culmination of the digital transformation that allows network operators to provide a wide variety of value-added services and capabilities in the Internet of Things (IoT) world that is gaining critical mass.

In today's column, I'll be diving into the new 5G core network architecture and components description.

[Read more](#)



DEVELOPMENT TOOLS & OPERATING SYSTEMS NEWS

IAR Systems Updates its Security Development Tool C-Trust

Version 1.30 adds a new Security Context Profile that automatically includes the configurations needed for basic device security and IP protection.

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Microsemi / Microchip PolarFire FPGA Video & Imaging Kit

Offers a high-performance evaluation of 4K image processing and rendering using dual camera sensors as well as numerous display interfaces.

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DEVELOPMENT KITS NEWS

STMicro's STSPIN Modules for High-Performing Motor Drivers Serve Arm Ecosystem via MikroElektronika Fusion

STMicro and MikroElektronika are creating four "click boards" to extend STSPIN motor drivers for STM32-based designs to users of MikroElektronika

prototyping boards and other systems containing a mikroBUS socket.
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POWER ELECTRONICS NEWS

Vicor Releases the Low-Power DCM2322 Family of Isolated, Regulated DC-DC Modules

Packaged in a 22 x 23 x 7mm ChiP, the devices offer an input voltage range from 43V to 154V, 14V to 72V, and 9V to 50V, with power levels from 35 to 120W and efficiencies up to 90.5 percent.

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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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AUTOMOTIVE POWER ELECTRONICS NEWS

Steifpower and SkyWater to Create High-Efficiency Discrete Power Devices for Advanced Automotive Applications

Steifpower is using SkyWater's Integrated process Flow Transfer (SWIFT) services, and the initial engagement is focused on transferring a high performance power MOSFET with excellent low Ciss (input capacitance) characteristics for better switching frequency, as well as a low RDS(on) (device operating resistance) in applications up to 200V.

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WEBCAST

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Date: **October 22, 11:00 a.m. ET**

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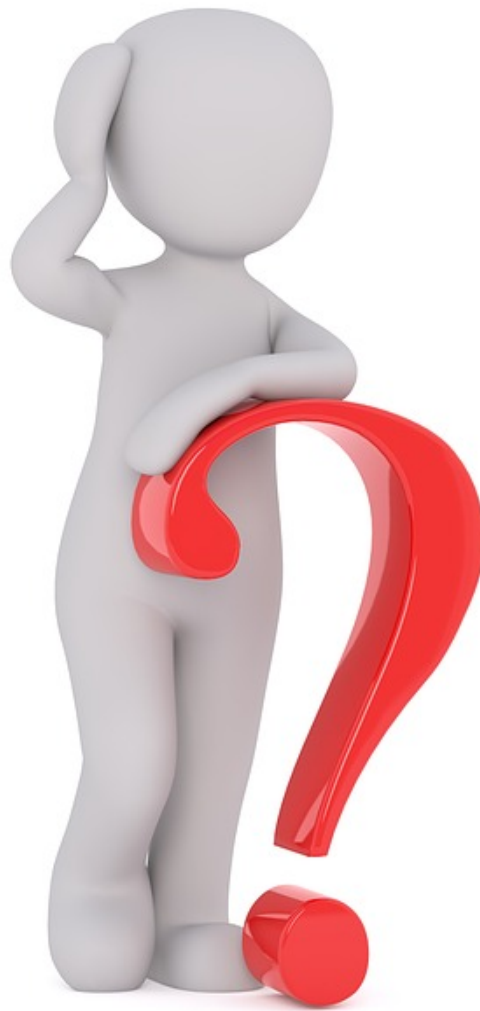
EMBEDDED DEVELOPMENT FEATURE

The New Make vs Buy Equation

Most discussions around Make vs Buy focus on dollars and time-to-market. I'll do a bit of that as well, but I first want to acknowledge that that's how business unit managers tend to think about Make vs Buy.

Most embedded engineers I know think of quality first.

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