PROCESSORS FEATURE

Hot Chips: Alibaba’s Ultra High-Performance Superscalar Processor - XuanTie910

At the HotChips conference 2020, Alibaba announced the Xuantie-910 RISC-V core which is an ultra high-performance processor with an AI acceleration engine based on RISC-V RV64GCV. It has a remarkable performance of around 40% more than U74 by SiFive.

INDUSTRY NEWS

EdgeQ Announces Launch from Stealth, $51 Million in Funding

EdgeQ announced its launch from stealth with $51 million in total funding, including $38.5 million in a Series A round. The launch is funded by a number of investors such as Threshold Ventures, Yahoo! Co-founder Jerry Yang, Fusion Fund, and others.

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Xilinx Announces Collaboration with Texas Instruments to Develop DFE Solutions
Xilinx announced a collaboration with Texas Instruments (TI) to develop digital front-end (DFE) solutions in an effort to increase energy efficiency of lower antenna count radios.
Read more

PRBX Releases ENR500D Power Solution
PRBX announced the release of the ENR500D, a 500W platform designed to comply with the EN 50124-1 standard and for the Pollution Degree 2 (PD2).
Read more

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

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.
View now

Power Panel: Designing with Wide Band Gap Power Semiconductors
Sponsored by Texas Instruments, Microchip, Power Integrations
Date: December 8, 11:00 a.m. ET
REGISTER NOW

MEDICAL DEVICES SECURITY FEATURE
Medical Device Security and Achieving Regulatory Approval
Today, the security of medical devices is becoming extremely important to assure customers and patients that interact with your devices that their health and their personal information is taken seriously. Globally, regulators are increasingly requiring and verifying that devices are as secure as possible before and after product release.