

EMBEDDED PROCESSING FEATURE

Scenes From the European Xilinx Developer Forum

Communities and the people that make them up are the foundation of society, from the local neighborhood BBQ club to the G7. Communities gather shared interests, topics, and goals, and foment growth and the creation of the next generation to carry on. The engineering community is no different, and the events held to support and nurture them are an important part of our industry.

[Read more](#)



INDUSTRY 4.0 NEWS

Bosch Rexroth's ctrlX AUTOMATION Presented as Most Open Automation Platform Available

Featuring an open software architecture as well as open choice of programming language and app technology, the ctrlX AUTOMATION platform from Bosch Rexroth removes boundaries between machine control systems, IT, and the Internet of Things (IoT).

[Read more](#)

A promotional banner for the EmbeddedWorld exhibition and conference. On the left is the EmbeddedWorld logo, which consists of a red cube and the text "embeddedworld Exhibition & Conference ... it's a smarter world". To the right of the logo, the text reads "Nürnberg, Germany Feb. 25-27, 2020". At the bottom right, there is a red button with white text that says "> Get your free ticket".

INDUSTRY 4.0 NEWS

Rittal and Eplan Launch Digital Information Management Solution for

Panel Building and Switchgear Manufacturing

Rittal and Eplan have developed a Digital Information Management (DIM), addressing panel building and switchgear manufacturing.

[Read more](#)

INDUSTRY 4.0 NEWS

Toradex Releases Over-The-Air Updates for TorizonCore under its Toradex Labs Innovation Brand

Toradex announced the release of an experimental version of its Over-The-Air (OTA) solution under Toradex Labs.

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Engineering Survey

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EMBEDDED HARDWARE NEWS

New Low-End Performance Class for SMARC

Congatec, a vendor of embedded computer boards and modules, introduces a new SMARC 2.0 Computer-on-Module with Arm Cortex-A53 based NXP Semiconductors i.MX 8M Nano processor.

[Read more](#)

EMBEDDED HARDWARE NEWS

WAGO Expands TOPJOB S Terminal Blocks with New 2202 Series

WAGO, an electrical interconnection, automation, and interface electronic company, announced the TOPJOB S new 2202 series which introduces a double-deck push-button terminal block with 15 degree vertical conductor entry.

[Read more](#)

SEMICONDUCTOR PACKAGING NEWS

Smart Equipment Technology (SET) Introduces New Automatic Flip-Chip Bonder for Device Production

Smart Equipment Technology, a supplier in die-to-die and die-to-wafer bonders, announced the release of NEO HB, an automatic flip-chip bonder designed for $\pm 1 \mu\text{m}$ post-bonding accuracy, in stand-alone or full automatic mode (EFEM).

[Read more](#)

EE INDUSTRY NEWS

2019 ACM Gordon Bell Prize Awarded to Eth Zurich Team for Developing Simulation That Maps Heat in Transistors

ACM, the Association for Computing Machinery, named a six-member team from the Swiss Federal Institute of Technology (ETH) Zurich recipients of the 2019 ACM Gordon Bell Prize for their project, "A Data-Centric Approach to Extreme-Scale Ab initio Dissipative Quantum Transport Simulations."

[Read more](#)

Denchi Group to Expand its Engineering Capability with Additional Design Team in Heart of Cambridge Technology Cluster

Furthering their work in energy storage solutions, Denchi Group has announced an extension of its operations. It is opening a product development hub in St Ives, Cambridgeshire. This will complement Denchi's engineering resources in Thurso, Scotland.

[Read more](#)

WEBCAST

Empowering Next-Generation Automotive Wireless Systems Using Advanced Test Solutions

Sponsored by: **Anritsu**

Date: **December 12, 2:00 p.m. ET**

[REGISTER NOW](#)

EMBEDDED EXECUTIVE PODCAST

Embedded Executive: Chris Longstaff, VP of Product Management, Mindtech Global

Neural networks are complex. Mindtech makes tools that help create vision data sets for training these neural nets. In this week's Embedded Executive podcast with Chris Longstaff, Vice President of Product Management at Mindtech, I discussed what an engineer would do with the data set once in-hand.

[Listen In.](#)



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