

Workshop information

Avnet Silica to host exclusive seminars at embedded world 2024

Brussels, Belgium, 4th April 2024– Avnet Silica, an Avnet company (NASDAQ: [AVT](#)), is hosting a series of exclusive software and services workshops at embedded world 2024 in Nuremberg, Germany, from April 9th to 11.

Each session will take around an hour. The five seminar/workshops are available [for booking now](#).

A modular prototyping approach for embedded vision projects

This seminar is designed to provide technical insights and practical examples to streamline and simplify your embedded vision development process, from prototyping to product.

Understand the principles, benefits and planning steps of a modular prototyping approach in embedded vision projects. Learn about Avnet Silica's silicon, module and ecosystem partners and the Avnet Silica Software&Services offering to accelerate prototyping and development. Follow through a real-world embedded vision prototyping example and engage to explore the ecosystem and the freedom it offers. The example will be based on an NXP i.MX8MPlus processor running a vanilla Linux Kernel with Yocto LTS. Learn more and [REGISTER NOW](#)

Designing an automotive-grade Battery Management System in functional safety context based on NXP's S32K Automotive Controller Platform

In this seminar, we will introduce a safety-driven automotive development process, using the example of designing a Battery Management System (BMS) based on NXP's S32K Automotive Controller platform and ecosystem. Introduction into BMS architectures and concepts, typical BMS safety requirements and automotive and non-automotive BMS usecases, we will then dive into the features and ecosystem of NXP's S32K automotive controller platform and show how NXP and Avnet Silica can support the selection and evaluation of fitting platforms. Then take a look at automotive development and safety requirements and standards (SPICE, ISO26262, ...) and illustrate how Codelab and Avnet Silica can help with tailor-made consulting and support packages from a single-source. Learn more and [REGISTER NOW](#)

Cybersecurity in the context of the Cyber Resilience Act

While the final agreement of the European Union's cyber resilience act is currently still on its journey through the EU legislative process to receive formal approval by European Parliament and the Council, it is already causing confusion and calls-to-action among engineering and management across the industries. This seminar intends to shed some light on this important legislation. After an overview about the current status, a content overview and important timelines. Questions are answered and discussed regarding potential liabilities, regulations, standards and involved methodologies, important implications etc. Meet the experts and [REGISTER NOW](#)

Choosing the optimal Embedded Camera Solution for your Project

Selecting the right camera solution for your embedded project can be a challenging process due to the multitude of fields of expertise required, such as semiconductor physics, light characteristics and spectrums, optics, material science, production planning, software, and electronics design. This seminar aims at streamlining this process and demonstrating how Avnet Silica can assist in it. Together with its partner Allied Vision a closer look will be taken into the decision making process of make vs. buy from a maintenance and total-cost-of-ownership perspective and look into advanced requirements such as cooling, housing, sensor tuning and calibration, sensor alignment and lens alignment. [REGISTER NOW](#)

Windows 11 IoT Enterprise 2024 LTSC Unveiled

Follow us on a journey into the future of IoT solutions with the seminar on Microsoft Windows 11 IoT Enterprise 2024 LTSC. This session will cover key aspects, providing a comprehensive overview for professionals in the field. The seminar will introduce 'What's new?' as well as Platforms (ARM & X86), Roadmap, Licensing, Support, Availability, Tools etc. Learn more and meet the team by [REGISTER NOW](#)

The Avnet Silica booth will be situated in Hall 3A, Stand 111.

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About Avnet Silica

Avnet Silica is the European semiconductor specialist division of Avnet, one of the leading global technology distributors, and acts as the smart connection between customers and suppliers. The distributor simplifies complexity by providing creative solutions, technology and logistics support. Avnet Silica is a partner of leading semiconductor manufacturers and innovative solution providers over many years. With a team of more than 200 application engineers and technical specialists, Avnet Silica supports projects all the way from the idea to the concept to production. Avnet Silica is a regional business unit of Avnet, (NASDAQ: AVT) with European headquarters in Belgium (Avnet Europe BV). For more information, visit www.avnet-silica.com

About Avnet

As a leading global technology distributor and solutions provider, Avnet has served customers' evolving needs for an entire century. We support customers at each stage of a product's lifecycle, from idea to design and from prototype to production. Our unique position at the center of the technology value chain enables us to accelerate the design and supply stages of product development so customers can realize revenue faster. Decade after decade, Avnet helps its customers and suppliers around the world realize the transformative possibilities of technology. Learn more about Avnet at www.avnet.com.

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