

Avnet Silica is Powering the Shift to Smarter, More Reliable Energy Solutions at PCIM Europe

Distributor unites leading power device providers and offers expert technical know-how at Stand 7-622 in Nuremberg

Brussels, Belgium, 15th April 2025 – Avnet Silica, an Avnet company (NASDAQ: [AVT](#)), today provided details of its participation in the leading power electronics exhibition, PCIM Europe, which is taking place between May 6th - 8th, 2025 in Nuremberg, Germany.

At the show, Avnet Silica will highlight its power expertise as well as demonstrating the latest technologies across three key areas – Wide-bandgap, Silicon, and Ecosystem Partners. With sophisticated power solutions from leading suppliers, Avnet Silica's expert team is on hand to assist engineers in optimising the efficiency, reliability and intelligence of both existing infrastructure, and in creating the next generation of power applications. Visitors can expect to find the following demos at Stand 7-622:

Wide-bandgap Technology:

- **STMicroelectronics'** 11kW bidirectional battery charger, with capability for bidirectional DC wallbox functionality and smart energy management
- **onsemi's** 1kW LED Lighting board, achieving over 95% efficiency for optimal performance
- **Navitas'** 4kW Server SMPS, demonstrating exceptional power density
- **Renesas'** latest GaN advancements

Silicon Technology:

- **onsemi's** 300kW eCAV Inverter demo, based on its advanced FS7 technology
- **Diodes'** Power Tree demo, highlighting the performance of its Si DCDC portfolio alongside an IntelliFET application
- **Nexperia's** LV Mosfet and IGBT Demo, including insights into wafer technology and potential motor control applications

Ecosystem Partners:

- **Cirtem's** 6KvA DC-AC Inverter and 150 kW Electrical Motor Controller
- **Ideas in Motion's** Motor Inverter
- **Salom's** AC/DC Small Watt Power solutions

Visitors will also be able to view **onsemi's** EliteSiC Simulator and get a glimpse into advanced power design and analysis tools at the stand. Additional solutions on display include products courtesy of **Diodes, Microchip Technology, Monolithic Power Systems, PANJIT, and ROHM Semiconductor.**

PCIM 2025 will be the ideal opportunity to explore how Avnet Silica is [powering the shift](#) to better energy solutions and to engage with its technical specialists, who can provide expert advice on how to enhance and future-proof power systems. The distributor's commitment to delivering power systems tailored to each application's specific requirements ensures that engineers are equipped with the most effective and innovative solutions to propel their businesses forward in an increasingly energy-conscious global market.

"Adapting to the rapid advancements within the electronics industry, particularly within the power sector, remains a formidable yet vital challenge. Events such as PCIM continue to offer an unparalleled platform to explore the latest technologies and engage with fellow professionals,"



remarked Thomas Hauer, Technology Specialist Manager Power at Avnet Silica. "At PCIM Europe 2025, we are excited to showcase a spectrum of the most recent breakthroughs in power electronics, including enhanced Wide-bandgap and Silicon technologies from our network of esteemed global partners. These innovations will be demonstrated through practical use cases that exemplify their real-world applications. Our team of experts will be available to assist attendees in discovering the most suitable solutions for their upcoming projects."

Visitors will be able to see live demonstrations and connect with Avnet Silica's power experts at stand 7-622.

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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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