

Exhibition Preview

ASYS Electronics

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ASYS Group celebrates its debut at **PCIM Europe 2025**

A debut with profile: ASYS Group showcases comprehensive solutions for power electronics

At its PCIM debut in Nuremberg, ASYS Group is presenting itself as a strong partner for comprehensive manufacturing solutions in power electronics. “From Prototyping to High-Volume Production” the company will demonstrate how sophisticated processes, modular technologies, and over 30 years of industry experience work together seamlessly.

The ASYS Group supports customers throughout the entire development process – from initial prototypes to scalable high-volume production. The focus is always on partnership-based cooperation with the customer: processes are not just mapped, but defined, adapted, and perfected together. This is supported by an experienced team of experts who combine technological know-how with a deep understanding of the requirements of power electronics.

New to the trade fair – but with over 30 years of experience

At its PCIM debut, the ASYS Group brings everything the industry expects: many years of expertise, proven system solutions, and technological innovations for power electronics manufacturing:

“Our technologies are already an integral part of numerous production lines in energy and power electronics – so we are in exactly the right place here in Nuremberg,”

says Thorsten Frenzel, Senior Vice President Sales ASYS Group.

Exhibition highlights: Step by step through the production process

The ASYS Group's exhibition highlights include technologies that are optimally tailored to the requirements of power electronics – for a perfect connection between manufacturing solutions and the finished product:

Highest printing precision for up to 50 substrates:

The SERIO 4000 Optilign is designed for the precise printing of singulated substrates (individually separated from larger panels and prepared for further processing) and, thanks to intelligent alignment and repeat accuracy, ensures the highest print quality for applications in power electronics. The patented system processes up to 50 substrates of various types, including DBC substrates (direct bonded copper, ideal for high-performance applications), IMS substrates (insulated metal substrates with high thermal conductivity, frequently used in LED and power electronics), and FR4.

Laser cutting with maximum precision:

The *POLYPHOS CT series* machine platform enables precise laser cutting of IMS and DBC substrates (e.g., for LED lights or power semiconductors) using a CNC-controlled system with innovative control, on-axis camera, and intuitive software interface.

Modular automation with a system:

With the *INVENTUS* platform, the ASYS Group demonstrates flexible process integration based on a modular principle – from substrate handling and laser and screw processes to individual scaling for different products and growing production requirements.

AI-based inspection for maximum process reliability:

The AOI system *AISPECTURE* uses 3D laser scanning, high-resolution imaging, and AI algorithms to precisely inspect components in the energy sector – reliably and fully inline.

Why it's worth a visit

With 30 years of leading expertise in electronics manufacturing, over 100,000 systems installed worldwide, and a global team of 1,400 dedicated employees, the ASYS Group is a strong partner for future-oriented solutions in power electronics. The company's presence at PCIM Europe underscores this claim - and makes a visit to **booth 4/304** a worthwhile must for trade visitors.

Interested trade visitors can request a **free visitor ticket** at event@asys-group.com

Further information and details on the trade fair highlights can be found at:

[ASYS Group: PCIM Europe in Nuremberg from May 6 to May 8, 2025](#)

About the ASYS Group

The ASYS Group is a globally active technology company and leading supplier of standard and special systems for the Electronics, Energy and Life Science sectors. ASYS Automatisierungssysteme GmbH is the management company of the group. With over 1,400 employees worldwide, the ASYS Group develops, manufactures and markets high-quality and innovative automation solutions. It has a global sales network with local contacts in more than 40 countries. 20 branches in Europe, Asia and America enable customer-oriented support.

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