

Press Release

Heraeus Electronics Creates Lasting Connections with Advanced Power Materials and People at PCIM Europe 2026

Hanau, May 2026 – Heraeus Electronics will showcase its latest advancements in power electronics materials at PCIM Europe 2026, June 9-11 in Nuremberg, Germany. Exhibiting in Hall 6 #310 at its established booth location, the company will highlight innovations that connect materials, applications, and people—helping customers tackle increasingly complex power electronics challenges.



Advancing Die and Module Attach Performance

Heraeus Electronics will focus on solutions that deliver high thermal performance, reliability, and process flexibility:

- **mAgic® PE340 Silver Pressure Sinter Paste (NEW)**
Designed for dense packaging, this paste offers precise printing and defined edge formation for optimized material use. Multi-process compatibility—including printing, dispensing, and dry or wet placement—ensures seamless integration into production.
- **Microbond® Solder Preforms (NEW)**
Improves module attach reliability over traditional alloys and uses Innolot® technology for lower melting temperatures. The latest Innolot® 2.0 reduces silver content while maintaining performance, supporting IGBT applications up to 150°C junction temperature.
- **mAgic® PE360 Sinter Paste (Global Technology Award Winner 2025)**
With thermal conductivity ≥ 200 W/mK, this material enables maximum system efficiency and supports SiC module attach applications above 150°C. It is qualified in automotive projects, and its flexible application makes it suitable for various manufacturing processes. These solutions as well as the rest of the portfolio of

matched power electronics materials such as metal ceramic substrates, solder pastes, die top system and bonding wires, demonstrate Heraeus Electronics' approach to connecting advanced materials with real-world manufacturing needs, balancing performance, cost, and scalability.

Sharing Expertise and Building Connections

Heraeus Electronics will host live presentations at its booth, providing insights into new materials, applications, and collaborations. Visitors can engage directly with experts to explore practical approaches to current industry challenges. Detailed information can be found on the website closer to the event.

In addition, Heraeus Electronics will present on the e-Mobility Stage (hall 6, 220):

- **“SilverFree Substrates and Interconnects: NextGen Materials for Scalable Automotive Power Modules”**
Dr. Raghavendra Nunna
Examining the move toward silver-reduced and silver-free materials to meet performance demands while addressing supply chain volatility in automotive power modules.
- **June 9 at 12:30-12:50 (GMT+1) “Advancing Embedded Power: Copper Sinter Innovations for NextGen e-Mobility”**
Florian Seifert
Highlighting copper sinter innovations that enable compact, high-performance embedded designs with improved thermal and mechanical reliability.
- **June 10 at 12:30-12:50 (GMT+1)**

Enabling Technological Progress

Together with its customers and partners, Heraeus Electronics creates lasting connections—between materials and the people behind them. The company develops and manufactures innovative material solutions that enable technological progress in everyday life. By bridging materials science with application expertise, the company helps power electronics advance across industries where performance and reliability are critical.

Visitors are invited to connect with Heraeus Electronics at PCIM Europe 2026 to explore how collaboration and material innovation are shaping the future of power electronics.

For more information about Heraeus Electronics, visit www.heraeus-electronics.com.

About Heraeus

Heraeus is a globally active, family-owned technology group. Based in Hanau, Germany, the company comprises 15 operating companies whose products and services span the Business Areas of Metals & Recycling, Healthcare, Semiconductor & Electronics, and Industrials. In fiscal year 2024, Heraeus generated revenues of €29.4 billion and employed roughly 15,200 people across 40 countries. This makes Heraeus one of the top ten largest family-owned enterprises in Germany.

MATERIALS. INNOVATIONS. FOR GENERATIONS.

About Heraeus Electronics

Heraeus Electronics is a materials innovation partner for the electronics industry with global reach and local presence. The company develops material solutions for the automotive, power electronics and advanced semiconductor packaging market and offers its customers a broad product portfolio – from materials and material systems to services.

For more information, contact:

Heraeus Electronics
Anja Ziegler
Head of Marketing Communication
Anja.Ziegler@heraeus.com