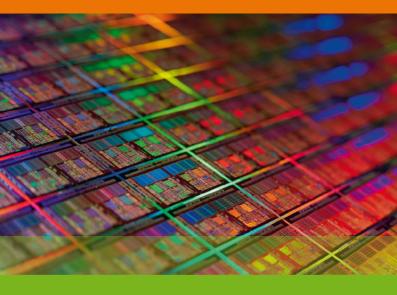


COMPANIES FROM SAXONY



SEMICON Japan

December 17 – 19, 2025

Tokyo International
Exhibition Center
(Tokyo Big Sight)
West Hall 1 Booth 1077

"SILICON SAXONY" - EUROPE'S LARGEST MICROELECTRONICS CLUSTER

In Saxony, approx. 3,650 companies with a total of 81,000 employees are active along all steps of the ICT value creation chain: They develop, manufacture, and promote integrated circuits, or serve as materials and equipment suppliers to the chip industry, produce and distribute electronic products and systems based on integrated circuits, or develop and promote software.

Every third chip produced in Europe is "Made in Saxony". BOSCH, GLOBALFOUNDRIES, Infineon and - from 2025 and 2027 respectively - also JENOPTIK and TSMC operate some of the world's most modern semiconductor fabs in Dresden.

"Silicon Saxony" aptly demonstrates its innovative power in diverse fields: In Dresden's 5G Lab Germany, more than 600 scientists are working on the development of key 5G / 6G technologies to be used, for example, for autonomous driving and smart factories. Saxony also assumes a strong position when it comes to artificial intelligence (AI) – with a total of three research centers of the Fraunhofer Society and the semiconductor producer Infineon. Saxony will also play a decisive role in developing the future of the European semiconductor industry in the areas of advanced packaging / chiplets and test / reliability - e.g. in the Chiplet Center of Excellence (CCoE) in Dresden, the Test and Reliability Center (TRC) in Chemnitz or with the participation in the Europe-wide pilot line project "Advanced Packaging and Heterogeneous Integration for Electronic Components and Systems (APECS)".



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bmbg consult is an International Management Consultant with a long experience in

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bmbg consult has specialized in the area of business management support between companies of different cultural backgrounds, especially between Asia and Europe. The main focus in recent years is on market access for high tech products, support for mastering sustainability and intercultural management. bmbg consult is a member of Silicon Saxony, EPIC and SPIE.

DAS Environmental Experts

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Our office in Japan

DAS Environmental Equipment Japan Company Ltd.

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Fraunhofer Institute for Electronic Nano Systems ENAS

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The Fraunhofer Institute for Electronic Nano Systems ENAS is a leading expert and development partner for smart systems and their integration into a wide range of applications. We support customer projects along the entire value chain, from the initial concept to design, technology development, prototyping, and technology transfer. Fraunhofer ENAS cooperates with start-ups, SMEs, and large companies, offering expertise in high-precision sensors, novel sensor and actuator systems based on nanostructures, beyond-CMOS components, and integration technologies. In addition to technology development and sensor systems, the institute focuses application demonstrators in early product development stages. With advanced reliability concepts and innovations in simulation, Al-based data analysis, and system safety, we customize systems through requirements engineering, adapting them for specific applications and embedding them into complex, multi-level systems.

Fraunhofer Institute for Reliability and Microintegration IZM All Silicon System Integration Dresden (ASSID)

Ringstr. 12 01468 Moritzburg – Germany Phone: +49 351 7955 72-0 info@assid.izm.fraunhofer.de www.izm.fraunhofer.de



Fraunhofer IZM's "All Silicon System Integration Center Dresden" (ASSID), established in 2010, is an integral part of Fraunhofer IZM, specializing in 3D wafer-level system integration and packaging. ASSID operates a state-of-the-art 300mm process line based on Cu-Through Silicon Via (TSV) technology, offering tailored development and manufacturing of complex 3D systems. The process line includes individual modules for TSV formation, post-processing, assembly, and 3D stacking, enabling both application-oriented development and the qualification and prototype production of 3D wafer-level system-in-packages. Typical application areas include high-performance and quantum computing, as well as edge sensor systems, driving advancements in these fields with cutting-edge technologies and flexible industry collaboration.

HZDR Innovation GmbH

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HZDR Innovation (HZDRI) is the technology-transfer company of the Helmholtz-Zentrum Dresden-Rossendorf. We offer outstanding high-energy ion implantation for power semiconductors, optoelectronics, advanced devices, and materials engineering. With multiple sites and complementary tools, we provide reliable services including in-house second-source capability. Our facilities support flexible wafer sizes and both manual and semi-automated handling.

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mechatronic-Str. 1 A-9586 Fürnitz – Austria Phone: +43 4242 339990 office@mechatronic.at



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This measure is co-tinanced through taxes based on the budget that had been accepted by the members of the Saxon State Parliament.



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