PRESS RELEASE

Infineon at electronica 2024: Solutions for decarbonization and digitalization

- **Infineon will showcase innovative solutions for clean, safe and smart mobility as well as for green and intelligent living spaces**
- **The company will demonstrate how its semiconductor solutions enable fast, efficient and scalable deployment of AI applications**
- **For the first time, Infineon will present the world's first 300 mm power gallium nitride (GaN) wafers to the general public**

Munich, Germany – 28 October 2024 – At the upcoming electronica trade show in Munich, Infineon Technologies AG (FSE: IFX / OTCQX: IFNNY) will illustrate how its innovative solutions are driving the global trends of decarbonization and digitalization. The company will show how its semiconductors are paving the way to a net-zero economy and to unlocking the full potential of artificial intelligence (AI). From 12 to 15 November at booth 502 in hall C3, Infineon will present highlights from its extensive portfolio and offer the opportunity to talk to its experts.

"Decarbonization and digitalization are the key drivers on the way to a climate-neutral future," said Andreas Urschitz, Member of the Board and Chief Marketing Officer at Infineon. "Semiconductors contribute in many ways to the green and digital transformation and are at the heart of every connected application. At electronica, we'll be showcasing how our leading technologies and innovative solutions are helping master the central challenges of our time."

World's first 300 mm gallium nitride wafers

Infineon will present its technological breakthrough, the world's first 300 mm power gallium nitride (GaN) wafer technology, to the general public for the first time. This technological milestone will significantly advance the market for GaN-based power semiconductors. Leveraging 300 mm GaN will strengthen existing solutions and application fields and create new ones, with an increasingly cost-effective value proposition and the ability to address the full range of customer systems.

Shaping the future of mobility

Infineon is focused on the development of innovative solutions that drive the transition to clean, safe and intelligent mobility. Products and solutions on display at electronica include

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the new AURIX™ TC4x microcontrollers, which support the implementation of future-proof E/E architectures and software-defined vehicles, as well as the main inverter CoolSiC™ Kit, battery management system solutions, on-board chargers with GaN, steer-by-wire system solutions and H_2 sensors for fuel cell applications.

Greener and smarter buildings and homes
Semiconductors play a crucial role in the development of smarter and more sustainable living spaces. Infineon's advanced technologies based on silicon carbide (SiC) and GaN enable maximum energy efficiency and reliability for energy generation and consumption. With advanced sensors, power semiconductors, security solutions such as OPTIGA™ Trust and microcontrollers such as PSOC™ Control, Infineon enables the efficient use of green energy while bringing smart automation to modern homes and commercial buildings. The company's booth will showcase comprehensive system solutions including various solar inverter topologies (micro-inverters and string inverters), as well as demos for optimizing power and boosting heat pump output.

Enabling AI – Efficient, reliable and on the edge
Semiconductors also play a crucial role in unlocking the full potential of AI. Infineon's solutions make it possible for customers to deploy new AI applications quickly, efficiently and at scale. The company's broad range of products, software, tools and services enables energy-efficient data centers, smarter devices and optimized AI edge applications. Demos will include high-performance, low-power AI-enabled microcontrollers from the PSOC family, advanced sensors from the XENSIV™ portfolio as well as vertical power module architectures, advanced liquid cooling modules and power supply units for AI data centers.

Visitors who are unable to attend the live show can register here for Infineon's digital event platform, which will be available 24/7.

More information about Infineon's show highlights is available at www.infineon.com/electronica.

About Infineon
Infineon Technologies AG is a global semiconductor leader in power systems and IoT. Infineon drives decarbonization and digitalization with its products and solutions. The company has around 58,600 employees worldwide and generated revenue of about €16.3 billion in the 2023 fiscal year (ending 30 September). Infineon is listed on the Frankfurt Stock Exchange (ticker symbol: IFX) and in the USA on the OTCQX International over-the-counter market (ticker symbol: IFNNY).

Further information is available at www.infineon.com
This press release is available online at www.infineon.com/press

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