Market News

Infineon highlights at PCIM 2022: Experience the difference in power

Munich, Germany – 3 May, 2022 – As a trusted partner and industry leader with decades of experience, Infineon Technologies AG (FSE: IFX / OTCQX: IFNNY) offers power solutions such as CoolSiC™ and CoolGaN™ that enable higher power density, smaller size, improved performance and a greener future. At PCIM 2022 (10 to 12 May, Nuremberg/Germany), Infineon will be showcasing the latest trends in power semiconductors and wide bandgap technologies in Hall 7 at booth #412, with plenty of opportunities to discuss with the company's experts. Visitors who are unable to attend the live show, can register here for Infineon's virtual booth which will be available 24/7, starting May 10.

Product innovations for an energy-efficient world

The EconoDUAL™ 3 is one of the most popular power electronics packages on the market for key applications such as general purpose drives, electric buses and trucks, solar and wind power systems, uninterruptible power supplies, chargers and traction systems. At PCIM 2022, Infineon will showcase specific **EconoDUAL™ 3 module solutions**, including the EconoDUAL 3 Black Series, EconoDUAL 3 Wave and EconoDUAL 3 1700 V IGBT7, featuring the latest TRENCHSTOP™ IGBT7 chip technology.

Modern 65 W chargers will soon no longer be sufficient to charge all consumer devices. To address this challenge, Infineon presents the hardware demonstrator of **240 W CoolGaN USB-C charger** with ultra-high power density and wide output voltage range.

Furthermore, Infineon will introduce a high voltage expansion of the **CoolSiC portfolio**, which will provide the foundation for the next generation systems in photovoltaic, charging and storage infrastructure. Dr. Peter Friedrichs will hold a press conference about the portfolio extension on Tuesday, 10 May, from 10.00 to 10.45 AM in the conference area NCC East, Level 2, room Budapest.

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Other PCIM 2022 highlights

Green Energy & Industry: Infineon enables energy generation and storage that is as climate-friendly as possible. Unprecedented levels of power density and efficiency can be achieved with CoolSiC MOSFET power modules, enabling new possibilities for inverter designs. The best combination of performance and reliability for solar power systems, UPS, motor control and drives is achieved with the CoolSiC 1200V M1H with .XT interconnect technology, resulting in best-in-class thermal performance. System design can also be optimized with the EiceDRIVER™ X3 and F3 – the best solution for CoolSiC power devices.

Smart Home & Smart Building: Infineon helps manufacturers develop innovative home system and smart building designs that meet the growing demand for smart, connected and energy-efficient living environments. Solutions such as the new XENSIV™ radar sensors can track people across the room to control airflow for air conditioning. Further, the new CIPOS™ Micro can be used to improve system robustness and advanced performance capabilities in washing machine drums. The novel battery charging IC ICC80QSG enables highly efficient and cost-effective charging of Li-Ion batteries used in power and gardening tools, small home appliances and e-bikes.

eTransportation & eMobility: Infineon is accelerating the transition to an electrified, decarbonized mobility landscape. Leading solutions – from highly flexible and efficient discrete CoolMOS™, CoolSiC and CoolGaN to highly integrated Easy power modules – address all trends in on-board chargers. Best-in-class reliability and highest power density can be achieved with new XHP™ IGBT modules and proven IHV modules that deliver more power and flexibility for traction propulsion converters. Following the motto “Sense – Think – Act”, the complete range of electrification solutions enables CO_2 reduction in commercial, construction and agricultural vehicles (CAVs) – the devices are all designed to deliver more efficiency, higher power density and optimized switching in electric powertrains.

New service: Lifetime estimation service: IPOSIM Lifetime Estimation is the new premium feature of the Infineon Online Power Simulation Platform (IPOSIM), premiering at PCIM 2022. It enables designers to digitally estimate the lifetime of

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Infineon power modules according to use and application requirements. As an industry first, IPOSIM provides 24/7 online access to Infineon's unique expertise to simplify the design process.

Infineon at the PCIM 2022

At the PCIM 2022 tradeshow, Infineon is presenting innovative product-to-system solutions for applications that are set to power the world and shape the future. Company representatives are also holding several presentations at the accompanying PCIM Conference and Industry & E-Mobility Forum with live and on-demand video presentations, followed by discussions with the speakers. “Experience the difference in power” at Infineon’s booth #412 in hall 7 (10-12 May 2022, Nuremberg/Germany). Information about the PCIM show highlights is available at www.infineon.com/pcim.

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