Market News

Digital booth and livestreams with focus on energy-efficient designs: Infineon is inviting to the Virtual Power Conference

Munich, Germany – 20 April 2021 – Power semiconductors are the key to an energy-efficient world. New technologies such as silicon carbide (SiC) and gallium nitride (GaN) enable higher power efficiency, smaller form factors and lower weight. Silicon also plays a major role in many designs. Energy efficiency is the focus of the "Virtual Power Conference," which will be available 'live' from May 4 to 6, 2021. As a leading supplier of power semiconductors, Infineon Technologies AG (FSE: IFX / OTCQX: IFNNY) will use the exclusive digital platform to present technologies and systems that generate energy more efficiently, transmit and distribute with lower losses, and showcase a wide range of energy-efficient applications – from industrial applications and data centers to electric vehicles and smart buildings.

Infineon's Virtual Power Conference will complement the PCIM Europe 2021 "Digital Days." From May 3 to 7, the audience can participate in a conference program with live and on-demand video presentations from industry and academia, followed by discussions with the speakers. As a key sponsor and contributor to the agenda, Infineon will provide several presentations. Interested participants can register for the sessions by Infineon experts on the Mesago website.

Extensive live offering

The Virtual Power Conference also offers live sessions with presentations and keynote speeches held by Infineon experts, where participants can connect directly with company experts. In addition, the virtual booth presents product highlights from the Industrial, Transport & E-Mobility and Consumer sectors. Participation is free and registrants can explore the digital stand any time after they are registered. The online offering, which focuses on power topics, will be available on May 4 until further notice, and the live sessions will be available as recordings at the end of the trade show.

The focus areas on the event page serve as a guide for preselection, providing application examples and corresponding product information. A separate page with

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Fabian Schiffer (Headquarters)	Tel.: +49 89 234 25869	fabian.schiffer@infineon.com	**Investor Relations:**
Agnes Toan (Americas)	Tel.: +1 408 250 1814	agnes.toan@infineon.com	Tel: +49 89 234 26655
Chi Kang David Ong (Asia-Pacific)	Tel.: +65 6876 3070	david.ong@infineon.com	investor.relations@infineon.com
Jonas Zhang (Greater China)	Tel.: +86 21 6101 9315	jonas.zhang@infineon.com	
Yoko Sasaki (Japan)	Tel.: +81 3 5745 7340	yoko.sasaki@infineon.com	

comprehensive information is available for each demo/product. This can include general descriptions, PowerPoint presentations, eLearning, infographics, videos, images – usually also as 360° view – and useful downloads. Registration for the Virtual Power Conference is available here. The focus areas of the digital platform are:

- **Industry:** The focus area industry is divided into two sections: generation & transmission and factories & data centers. As a leading manufacturer of power semiconductors for wind power and photovoltaic components, Infineon supports climate-friendly energy generation and promotes the competitiveness of alternative energy sources. With products such as the **PrimePACK™ 3+ for 1500 V central inverters** or the **CoolSiC™ portfolio** for energy storage systems, Infineon enables the development of efficient wind and photovoltaic systems.

  Industrial applications also require extremely reliable components. Infineon's extensive product portfolio supports intelligent energy management to reduce power consumption in production facilities and data centers. Among other things, improved intelligent and energy-efficient motor controls support fanless servo drives. System architectures with higher reliability, more efficient power supply and lower cooling requirements are enabled by the **CoolSiC™ MOSFET 1200 V** in D2PAK-7L **with .XT interconnect technology**.

- **Transportation & E-Mobility:** As the leading semiconductor partner in the fast-changing automotive world, Infineon is shaping the future of mobility by enabling clean, safe and smart vehicles. With products such as the new **HybridPACK™ Drive CoolSiC™ MOSFET**, Infineon is driving the transition to hybrid and all-electric vehicles and to higher levels of automation and efficiency – whether in passenger cars or commercial, construction and agricultural vehicles. With power supply solutions from Infineon for charging stations, on-board chargers and DC-DC applications, system costs can be reduced while excellent efficiencies are maintained.

- **Consumer:** There is increasing demand for intelligent, connected and energy-efficient systems to ensure a comfortable living experience in private

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households. Infineon supports manufacturers that develop innovative system designs with custom fit and ready-to-use solutions. These solutions include drives and power supplies for all types of household appliances, such as air conditioners, washing machines and dishwashers, as well as reliable system controllers for valves, fans and pumps. Product highlights in this focus area include the **digital hybrid flyback controller XDP™ XDPS2201**, which enables USB-C chargers with ultra-high-power density and outstanding efficiency. To illustrate the product offering, the 360° animation of a kitchen demonstrates smart, connected and energy-efficient application examples.

- **Reference Designs:** For the first time, Infineon is hosting a dedicated board corner that showcases a broad portfolio aimed to help customers reduce the time-to-market and cost of their projects. While reference designs provide a pre-developed blueprint for quick reuse at the system level, evaluation boards allow Infineon products to be evaluated under normal operating conditions. Highlights of the focus area include **reference designs for air conditioning** and a **bidirectional DC-DC charging inverter with 11 kW** integrating Infineon's CoolSiC™ 1200 V SiC trench MOSFET in a TO247-4 package.

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