

New IGBT-Driver Cores From CONCEPT Target 10 to 75 kVA Inverters and Servo Drives

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Fully-UL certified; approved for Safe Torque Operation

BIEL, Switzerland--(BUSINESS WIRE)-- IGBT-driver manufacturer CT-Concept Technologie AG, a Power Integrations company, has launched a new IGBT-driver core designed to suit inverters operating in the power range from 10-75 kVA. The new dual-channel **2SC0106T** drivers simplify the design process and provide a cost-effective, high-performance alternative to competing designs based on discrete components and optocouplers.

CONCEPT's new IGBT drivers are based on the company's proprietary **SCALE-2** ASIC technology, which incorporates all required functions: driving, monitoring, status acknowledgement, isolated voltage supply (DC/DC converters) and isolation of all signals between the control and power sections. This saves space, improves reliability, increases performance and reduces design time. The **2SC0106T** drives 600 V to 1200 V IGBTs with collector currents up to 450 A, switching at frequencies of up to 20 kHz.

Comments Michael Hornkamp, director of technical marketing at **CONCEPT**: "The **2SC0106T** driver is UL-recognized under E321757 for UL508C and E346491 for UL60950-1 and approved for Safe Torque Operation (STO), making it ideal for servo drives used in industrial applications, UPS and solar inverters."

About CT-Concept Technologie AG

CT-Concept Technologie AG is the leading supplier of IGBT drivers for mid- to high-power applications, such as industrial drives, renewable energy, traction and automotive equipment. With its SCALE-2® chipset, CONCEPT has delivered a next-generation technology platform for scalable IGBT and power MOSFET gate drivers featuring significant advances in dynamic performance, accuracy, functionality, flexibility and time-to-market. For more

information, please visit www.IGBT-Driver.com.

About Power Integrations

Power Integrations, Inc., is a Silicon Valley-based supplier of high-performance electronic components used in high-voltage power-conversion systems. The company's integrated circuits and diodes enable compact, energy-efficient AC-DC power supplies for a vast range of electronic products including mobile devices, TVs, PCs, appliances, smart utility meters and LED lights. CONCEPT IGBT driver systems enhance the efficiency, reliability and cost of high-power applications such as industrial motor drives, solar and wind energy systems, electric vehicles and high-voltage DC transmission. Since its introduction in 1998, Power Integrations' EcoSmart® energy-efficiency technology has prevented billions of dollars' worth of energy waste and millions of tons of carbon emissions. Reflecting the environmental benefits of the company's products, Power Integrations' stock is included in the NASDAQ® Clean Edge® Green Energy Index, The Cleantech Index®, and the Ardour Global IndexSM. For more information, including design-support tools and resources, please visit www.powerint.com; visit Power Integrations' **Green Room** for a comprehensive guide to energy-efficiency standards around the world.

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Media Contact

Power Integrations, Inc.

Peter Rogerson, 1 408-414-8573

progerson@powerint.com

or

Media Contact

CT-Concept Technologie AG

Rita Bürgi, 41 32 344 47 47

rita.buergi@IGBT-Driver.com

or

Press Agency Contact

BWW Communications

Nick Foot, 44 1491 636 393

nick.foot@bwwcomms.com