

New SCALE-2 Plug-and-Play Gate Drivers from Power Integrations Suit a Wide Range of IGBT Modules

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Flexible, robust, IGBT gate drivers for 4500 V applications

SAN JOSE, Calif.--(BUSINESS WIRE)-- Power Integrations (Nasdaq:**POWI**), the leader in IGBT and MOSFET driver technology for medium- and high-voltage inverter applications, today introduced the **1SP0350V SCALE™-2** single-channel +15/-10 V plug-and-play gate driver. Optimally suited to high-reliability applications in the HVDC and railway industries, the **1SP0350** gate driver reliably and safely drives 4500 V Press-Pack IGBTs and IEGTs as well as other IGBT and IEGT form factors. Based on Power Integrations' widely used SCALE™-2 chipset, the new driver is equipped with Dynamic Advanced Active Clamping (DAAC), short-circuit protection, a built in DC-DC converter, regulated turn-on gate drive voltage, DC-DC overload monitoring and supply voltage monitoring.

This Smart News Release features multimedia. View the full release here:

<http://www.businesswire.com/news/home/20160920005569/en/>

New SCALE-2 Plug-and-Play Gate Drivers from Power Integrations Suit a Wide Range of IGBT Modules (Graphic: Business Wire)

The new driver is not tied to any specific IGBT package style nor to a gate resistor configuration.

This flexibility allows designers to trial a variety of IGBT modules during development with confidence that the **1SP0350V SCALE-2** plug-and-play gate driver will function optimally. Plug-and-play capability facilitates commissioning and allows immediate operation after installation. Additionally, the highly integrated SCALE-2 chipset reduces component count by as much as 85% compared with conventional solutions, significantly increasing reliability.

Comments Michael Hornkamp, senior director of marketing for high-power products at Power Integrations: "These

new devices are not limited by topology, package or the need for external components. They are efficient, rugged and highly flexible, reducing design time and cost of ownership.”

The new drivers meet creepage and clearance specifications according to IEC standards (IEC61800-5-1). **1SP0350V SCALE-2** IGBT drivers are available now priced at \$190 in 1,000-piece quantities. More information is available from the Power Integrations website at www.power.com/products/scale-2-plug-and-play-drivers/.

About Power Integrations

Power Integrations, Inc. is a leading innovator in semiconductor technologies for high-voltage power conversion. The company’s products are key building blocks in the clean-power ecosystem, enabling the generation of renewable energy as well as the efficient transmission and consumption of power in applications ranging from milliwatts to megawatts. For more information please visit www.power.com.

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