



### Compact and reliable IGBT driver

Power Integrations, Inc., is a Silicon Valley-based supplier of high-performance electronic components used in high-voltage power-conversion systems. Power Integrations' 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. Our SCALE™ IGBT drivers 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.

All drivers are distinguished by leading-edge technology, outstanding functionality, unrivalled quality and a first-class price/performance ratio. These SCALE™ IGBT drivers are based on the unique SCALE ASIC chipset (ASIC = Application-Specific Integrated Circuit).

The highly integrated SCALE-2 chipset allows about 85% of components to be dispensed with compared with conventional drivers. This advantage is impressively reflected in their increased reliability with simultaneously minimized cost.

### SCALE Driver Cores

SCALE Driver Cores are PCB-based modules equipped with all the basic functions of a driver. They are mounted on a circuit board containing all the additional components required to match the driver to specific IGBTs or applications, such as an input interface, gate resistors, active clamping and more.

### SCALE Plug-and-Play Drivers

SCALE Plug-and-Play Drivers are complete ready-to-use IGBT drivers that have been perfectly matched to a wide range of IGBTs. Users only need to mount them onto the corresponding IGBT module. The system can then be put into immediate operation with no further development or matching effort.

Power Integrations is willing to defend its leading position in the sector of power electronics with high investments in R&D. Its success is not based on perfect products alone: high flexibility, many years of experience in working together with customers and daily efforts to offer optimal solutions are key success factors for Power Integrations.

