



## Intelligent integrated high-power inverter

Gallium nitride (GaN) intelligent power modules (IPMs) Our gallium nitride intelligent power modules help deliver high power levels without a heat sink in compact packages. Enable higher inverter efficiency and eliminate cooling methods in a high Intelligent Power Module High voltage power modules with integrated gate drivers for consumer, industrial and automotive applications. Offering a large range of 3 Phase inverter modules covering power levels from 50 Intelligent Power Module (IPM) Devices Reduce design time and effort with the STPOWER portfolio of highly integrated, high-efficiency power modules for flexible, compact, and robust solutions ranging from tens of watts to several kilowatts. Onsemi Intros 7th Gen IGBT-based Intelligent Onsemi says its FS7 V SPM31 family of IPMs are particularly well suited for three-phase inverter drive designs. This family is built around the 7th Generation Field Stop IGBT (FS7 IGBT) technology, Intelligent power modules (IPM) | Infineon Our IPMs integrate high-performance MOSFETs, IGBTs, and SiC devices with next-generation gate driver ICs for precise switching control, as well as optimized thermo-mechanical designs for improved heat dissipation and How Intelligent Power Module Inverter Technology is Energy efficiency is a top priority in modern electronics and power systems. One key innovation driving this change is the intelligent power module inverter (IPM). These advanced devices TI unveils industry's first GaN IPM to enable smaller, more energy 650V intelligent power module (IPM) enables more than 99% inverter efficiency for appliances and HVAC systems by integrating TI's gallium nitride (GaN) technology. onsemi Launches Silicon Carbide-Based Intelligent By switching to EliteSiC SPM 31 IPMs, customers can benefit from a smaller footprint, higher performance, and a simplified design due to high integration, resulting in shortened development time and lower total Highly Integrated and Ultra Compact Power IPM Intelligent power modules (IPMs) are needed to achieve the functional integration and power density necessary for this type of design. The extent to which IPMs are integrated varies. At the minimum, a standard IPM Gallium nitride (GaN) intelligent power modules (IPMs) Our gallium nitride intelligent power modules help deliver high power levels without a heat sink in compact packages. Enable higher inverter efficiency and eliminate cooling methods in a high Intelligent Power Module (IPM) Devices Reduce design time and effort with the STPOWER portfolio of highly integrated, high-efficiency power modules for flexible, compact, and robust solutions ranging from tens of watts to several Onsemi Intros 7th Gen IGBT-based Intelligent Power Modules Onsemi says its FS7 V SPM31 family of IPMs are particularly well suited for three-phase inverter drive designs. This family is built around the 7th Generation Field Stop Intelligent power modules (IPM) | Infineon Technologies Our IPMs integrate high-performance MOSFETs, IGBTs, and SiC devices with next-generation gate driver ICs for precise switching control, as well as optimized thermo-mechanical designs onsemi Launches Silicon Carbide-Based Intelligent Power By switching to EliteSiC SPM 31 IPMs, customers can benefit from a smaller footprint, higher performance, and a simplified design due to high integration, resulting in Highly Integrated and Ultra Compact Power Modules | Vincotech IPM Intelligent power modules (IPMs) are needed to achieve the functional integration and power density



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necessary for this type of design. The extent to which IPMs are integrated varies. At 10A 1200V 3-phase inverter IPM New SLLIMM high power IPM extends voltage levels to 3-phase mains-powered motor drives with simplified design and reduced BOM. This new intelligent power module is part of the high Gallium nitride (GaN) intelligent power modules (IPMs) Our gallium nitride intelligent power modules help deliver high power levels without a heat sink in compact packages. Enable higher inverter efficiency and eliminate cooling methods in a high 10A 1200V 3-phase inverter IPM New SLLIMM high power IPM extends voltage levels to 3-phase mains-powered motor drives with simplified design and reduced BOM. This new intelligent power module is part of the high

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