



## ipm module three-phase inverter

iMOTION(TM) integrated power module (IPM) Within the iMOTION(TM) IPM family, there are two different series: The IMM100 and IMI110, which combine the motor controller IC and a three-phase inverter stage in a single package, minimizing external components count, and 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

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STPOWER SLLIMM intelligent modules STMicroelectronics has developed the SLLIMM (Small Low-Loss intelligent molded module) family of compact, high-efficiency, dual in-line intelligent power modules (IPM) with optional DRV7308 Three Phase 650V, 5A, GaN Intelligent Power The DRV7308 is a three-phase intelligent power module (IPM) that consists of 205m<sup>2</sup>, 650V e-mode Gallium-Nitride (GaN) for driving three-phase BLDC/ PMSM motors up to 450V DC rails.

PLUGY Discovery | IPM Modules | 3 PHASE INVERTER 2HPPEModule PLUGY Discovery High-performance 2HP (1.5kW) three-phase IPM inverter with compact design, IGBT technology, DC link capacitor, current and voltage sensing, thermal AND9390 stage for a high voltage 3-phase inverter in a small dual in-line (DIP) package. Output stage uses IGBT/FRD technology and implements Under Voltage Protection (UVP) and Over-current 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 3 Phase IPM Module for Small Power AC Motor FSB50550AT is an advanced power module for motion control, based on fast-recovery MOSFET (FRFET&#174;) technology as a compact inverter solution for small power motor 3-phase Inverter Power Module V SPM 31 Series This series of Intelligent Power Modules (IPM) for 3-phase motor drives contains a three-phase inverter stage, gate drivers. The SPM 31 design objective is to provide a minimized package Gallium nitride (GaN) intelligent power modules (IPMs) Our integrated GaN IPMs achieve greater than 99% inverter efficiency, removing the need for an external heat sink and improving thermal performance with reduced power loss. Advanced iMOTION(TM) integrated power module (IPM) Within the iMOTION(TM) IPM family, there are two different series: The IMM100 and IMI110, which combine the motor controller IC and a three-phase inverter stage in a single package, Gallium nitride (GaN) intelligent power modules (IPMs) Our integrated GaN IPMs achieve greater than 99% inverter efficiency, removing the need for an external heat sink and improving thermal performance with reduced power loss. Advanced

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