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~~module~~ *Fuji Electric Announces New IPM Modules 3-Phase IGBT*

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IGBT modules are configurationally grouped into four types: 1 in 1, 2 in 1, 6 in 1, and PIM (7 in 1). A circuit configuration is prescribed for each of these types.

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REH984 . CONTENT ... Therefore, to satisfy these requirements, the insulated gate bipolar transistor (IGBT) was developed. The IGBT is a switching device designed to have the high-speed switching performance and gate

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- 1.1 Built-in drive circuit
- IGBT gate drives operate under optimal conditions.
- Since the wiring length between the internal drive circuit and IGBT is short and the impedance of the

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PIM RoHS: If the last two figures after hyphen of product name are

from 50 through 99, the product is compatible with EU RoHS

Directive. For example “7MBR50VP060-50” U-series datasheets

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x-fea-semi-group@fujielectric.com Small Capacity PIM (Built in the Converter and Brake) 650V, 1200V Class 7th-Generation X Series [...]

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ACPL-337J: Fuji Electric PIM Module EP2 Package Evaluation ...
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based on virtual instrumentation, start-up of a PID fuzzy logic embedded control system for the speed of a DC motor using LabVIEW, advanced control of the permanent magnet synchronous motor and optimization of fuzzy logic controllers by particle swarm optimization to increase the lifetime in power electronic stages.

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