



IGBT MODULE W SERIES



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BASIC OVERVIEW

The IGBT module has been developed to fulfill the low power loss requirements of the industrial market, including power supplies, motor drives, and UPS.

The IGBT module demonstrates excellent performance for industrial equipment, such as low $V_{ce(sat)}$ and low switching loss.

APPLICATIONS

- Motor Drive such as an LV Inverter, Servo, Elevator, Commercial Air-Conditioner)
- UPS (Uninterrupted Power Supply)
- Power Supply
- Welding

GENERAL CHARACTERISTICS

- Compatible Package (Standard Package)
- Max. Junction Temperature : 175°C
- Low V_{ce} (sat.)
- Low Switching Loss
- RoHS Compliant
- UL 1557 Certification

KEY SPECIFICATIONS

- Low V_{ce} (sat.)
- Low Switching Loss
- Max. Junction Temperature : 175°C

TOP SELLING POINTS / CHARACTERISTICS

- Low Power Loss
- Latest IGBT Generation
- Downsizing Package





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KYOCERA AVX ADVANTAGE VS. COMPETITOR PRODUCT

Competition:

Mitsubishi Electric, Fuji Electric, Infineon, Semikron, IXYS

Advantages:

This module has a good balance between $V_{ce(sat.)}$ and Switching Loss. LT has good performance as well.

FAQ'S

Q: Which IGBT Generation is this?

A: It is Generation 7.

Q: What is the lead time for the IGBT Module?

A: 18 weeks.



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