

Trans IGBT Module N-CH 1200V 100A 450000mW



Images are for reference only

[Inquiry](#)

Manufacturer: [Littelfuse Inc](#)

Package/Case: MODULE

Product Type: Thyristors

Lifecycle: Active

General Description

D-series IGBTs are NPT (Non-Punch Through) devices making them ideal for paralleling. They feature low switching losses with low tail current while providing short circuit capabilities. This D-series family also offers a square reverse bias safe operating area (RBSOA) feature that improves clamped inductive load current, allowing the device to safely switch in a snubberless hard switching application.

Key Features

- NPT IGBT technology
- Low saturation voltage
- Low switching losses
- Square RBSOA, no latch up
- High short circuit capability
- Positive temperature coefficient for easy paralleling
- MOS input, voltage controlled
- Optional ultra fast diode
- International standard packages

Application

- AC motor speed control
- DC servo and robot drives
- DC choppers
- Uninterruptible power supplies (UPS)
- Switched-mode and resonant-mode power supplies

Recommended For You

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TO-247

[IXYX100N120C3](#)

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IXBH16N170

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IXGH48N60A3

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IXGN320N60A3

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MODULE

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