

Trans IGBT Chip N-CH 1700V 6A 75mW 3-Pin(2+Tab) TO-268



Images are for reference only

[Inquiry](#)

Manufacturer: [Littelfuse Inc](#)

Package/Case: TO-268

Product Type: Thyristors

Lifecycle: Active

General Description

BiMOSFETs are devices, which have combined strengths of MOSFETs and IGBTs. Non-epitaxial construction and new fabrication processes were used in making BiMOSFETs a great success. These high voltage devices are ideal for parallel operation due to the positive voltage temperature coefficient of both of its saturation voltage, and the forward voltage drop of its intrinsic diode. Furthermore, this “free” intrinsic body diode serves as a protection diode, providing an alternative path for the inductive load current during device turn-off, preventing high Ldi/dt voltage transients from inflicting damage to the device.

Key Features

- High blocking voltage
- High power density
- High current handling capability
- Low conduction losses
- MOS gate turn on for drive simplicity
- International standard and proprietary ISOPLUSTM packages
- Benefits:
 - Eliminates multiple series-parallel lower voltage, lower current rated devices
 - Simpler system design
 - Improved reliability
 - Reduced component count
 - Reduced system cost

Application

- Radar transmitter power supplies
- Radar pulse modulators
- Capacitor discharge circuits
- High voltage power supplies
- AC switches
- HV circuit breakers
- Pulser circuits
- High voltage test equipment
- Laser & X-ray generators

Recommended For You

IXGH48N60C3D1

Littelfuse Inc

TO-247

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IXYN30N170CV1

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N

IXBH16N170

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IXGH60N60C2

Littelfuse Inc

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IXGH48N60A3

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MODULE

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IXGP20N120A3

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