

Trans MOSFET N-CH 500V 24A 3-Pin(3+Tab) TO-3P

Manufacturer:	Littelfuse Inc
Package/Case:	TO-3P
Product Type:	Thyristors
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

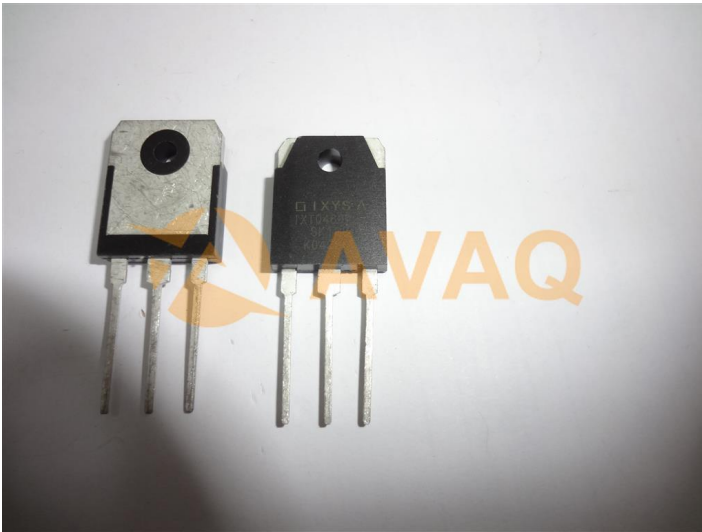
Polar2™ Standard Power MOSFETs are tailored to provide designers with a device solution that offers the best compromise between performance and cost. These devices incorporate the Polar technology platform to achieve low on-state resistances ($R_{ds(on)}$). Polar2 Standard MOSFETs feature low gate charge Q_g values, resulting in more efficient switching at all frequencies. This gives the designer the option to operate at higher frequencies, which enables the use of smaller passive components in a variety of load switching designs. The avalanche capabilities of these devices add an additional safeguard against over-voltage transients.

Key Features

- International Standard Packages
- Dynamic dv/dt rating
- Low $R_{DS(on)}$ and Q_g
- Avalanche Rated
- Low Package Inductance

Application

- DC-DC converters
- Battery chargers
- Switched-mode and resonant-mode power supplies
- Lamp ballasts
- AC and DC Motor Drives
- Robotics and Servo Controls
- Laser drivers
- Advantages:
- Easy to mount
- Space savings
- High power density



Recommended For You

IXGH48N60C3D1

Littelfuse Inc

TO-247

IXYX100N120C3

Littelfuse Inc

PLUS247

IXGH30N60B2D1

Littelfuse Inc

TO-247

IXYN30N170CV1

Littelfuse Inc

N

IXBH16N170

Littelfuse Inc

TO-247

IXGH60N60C2

Littelfuse Inc

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IXGH48N60A3

Littelfuse Inc

TO-247

IXGN320N60A3

Littelfuse Inc

MODULE

IXGH60N60C3

Littelfuse Inc

TO-247

IXGP20N120A3

Littelfuse Inc

TO-220

IXYR50N120C3D1

Littelfuse Inc

ISOPLUS247

IXYH50N65C3D1

Littelfuse Inc

TO-247

IXGP8N100

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SOT-227