Trans IGBT Chip N-CH 2500V 32A 250mW 3-Pin ISOPLUS I4-PAC

Manufacturer:	Littelfuse Inc
Package/Case:	I4-PAC
Product Type:	Thyristors
RoHS:	RoHS Compliant/Lead free
Lifecycle:	NRND

Images are for reference only

Inquiry

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 power density

High frequency operation

Low conduction losses

MOS gate turn on for drive simplicity

4000V electrical isolation

Advantages:

Low gate drive requirements

Space savings (eliminates multiple series-parallel lower voltage, lower current rated devices)

Easy to mount

Application

Switched-mode and resonant-mode power supplies

Uninterruptible Power Supplies (UPS)

Laser and X-ray generators

Capacitor discharge circuits

High voltage pulser circuits

High voltage test equipment

AC switches

Recommended For You

IXGH48N60C3D1	**IXYX100N120C3**	**IXGH30N60B2D1**
Littelfuse Inc	Littelfuse Inc	Littelfuse Inc
TO-247	PLUS247	TO-247

IXYN30N170CV1	**IXBH16N170**	**IXGH60N60C2**
Littelfuse Inc	Littelfuse Inc	Littelfuse Inc
N	TO-247	TO-247

IXGH48N60A3	**IXGN320N60A3**	**IXGH60N60C3**
Littelfuse Inc	Littelfuse Inc	Littelfuse Inc
TO-247	MODULE	TO-247

IXGP20N120A3	**IXYR50N120C3D1**	**IXYH50N65C3D1**
Littelfuse Inc	Littelfuse Inc	Littelfuse Inc
TO-220	ISOPLUS247	TO-247

IXGP8N100	**IXTQ460P2**	**IXGR48N60C3D1**
Littelfuse Inc	Littelfuse Inc	Littelfuse Inc
TO-220	TO-3P	TO-247