



## IXGN50N60BD2

Manufacturer Part Number	<b>IXGN50N60BD2</b>
Manufacturer	<b>IXYS Corporation</b>
Allelco Part Number	32D-IXGN50N60BD2
ECAD Model	Request Free CAD Models
Parts Description	IGBT MOD 600V 75A 250W SOT227B
Package	SOT-227-4, miniBLOC
Data sheet	<b>IXGN50N60BD2/3.pdf</b>



**Get a Quote**

IXGN50N60BD2 - IXYS.New Original in Stock. Download Linear Technology IXGN50N60BD2 datasheet/specifications on AllelcoElec.com.  
Request a quote for IXGN50N60BD2, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

IXGN50N60BD2 Tech Specifications  
IXGN50N60BD2 - IXYS technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	IXYS Corporation	NTC Thermistor	No
Voltage - Collector Emitter Breakdown (Max)	600 V	Mounting Type	Chassis Mount
Vce(on) (Max) @ Vge, Ic	2.5V @ 15V, 50A	Input Capacitance (Cies) @ Vce	4.1 nF @ 25 V
Supplier Device Package	SOT-227B	Input	Standard
Series	HiPerFAST™	IGBT Type	-
Power - Max	250 W	Current - Collector Cutoff (Max)	200 µA
Package / Case	SOT-227-4, miniBLOC	Current - Collector (Ic) (Max)	75 A
Package	Tube	Configuration	Single
Operating Temperature	-40°C ~ 150°C (TJ)	Base Product Number	IXGN50

### Parts with Similar Specifications

The three parts on the right have similar specifications to IXYS IXGN50N60BD2

Product Attribute	NO PICTURE			
Part Number	IXGN50N60BD2	<a href="#">IXGN50N60BD3</a>	<a href="#">IXGN50N120C3H1</a>	<a href="#">IXGN400N60B3</a>
Manufacturer	IXYS	IXYS	IXYS	IXYS
Package / Case	SOT-227-4, miniBLOC	SOT-227-4, miniBLOC	SOT-227-4, miniBLOC	SOT-227-4, miniBLOC
Input	Standard	Standard	Standard	Standard
Series	HiPerFAST™	HiPerFAST™	GenX3™	GenX3™
Voltage - Collector Emitter Breakdown (Max)	600 V	600 V	1200 V	600 V
Package	Tube	Tube	Tube	Tube
Power - Max	250 W	250 W	460 W	1000 W
Vce(on) (Max) @ Vge, Ic	2.5V @ 15V, 50A	2.5V @ 15V, 50A	4.2V @ 15V, 40A	1.4V @ 15V, 100A
Current - Collector Cutoff (Max)	200 µA	200 µA	250 µA	100 µA
NTC Thermistor	No	No	No	No
Mounting Type	Chassis Mount	Chassis Mount	Chassis Mount	Chassis Mount
Input Capacitance (Cies) @ Vce	4.1 nF @ 25 V	4.1 nF @ 25 V	4.3 nF @ 25 V	31 nF @ 25 V
Base Product Number	IXGN50	IXGN50	IXGN50	IXGN400
Current - Collector (Ic) (Max)	75 A	75 A	95 A	430 A
IGBT Type	-	-	PT	PT
Supplier Device Package	SOT-227B	SOT-227B	SOT-227B	SOT-227B
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Configuration	Single	Single	Single	Single

### IXGN50N60BD2 Datasheet PDF

Download IXGN50N60BD2 pdf datasheets and IXYS documentation for IXGN50N60BD2 - IXYS.

#### Datasheets

[IXGN50N60BD2/3.pdf](#)

#### PCN Obsolescence/ EOL

[IGBT's 600V Legacy 08/May/2013.pdf](#)

### Customers Also Interested in

#### Recommended Products



<b>IXGN50N60BD3</b> IXYS IGBT MOD 600V 75A 250W SOT227B	<b>IXGN50N60</b> IXYS / Littelfuse IGBT Module	<b>IXGN60N60CZD1</b> IXYS / Littelfuse IGBT Module	<b>IXGN50N120C3H1</b> IXYS IGBT MOD 1200V 95A 460W SOT227B	<b>IXGN400N60B3</b> IXYS IGBT MOD 600V 430A 1000W SOT227B	<b>IXGN50N50</b> IXYS / Littelfuse IGBT Module
<b>IXGN40N60CD1</b> IXYS IGBT MODULE 600V SOT227B	<b>IXGN60N60C2D1</b> IXYS IGBT MOD 600V 75A 480W SOT227B	<b>IXGN50N120</b> IXYS / Littelfuse IGBT Module	<b>IXGN400N60A3</b> IXYS IGBT MOD 600V 400A 830W SOT227B	<b>IXGN50N60B</b> IXYS IGBT MOD 600V 75A 300W SOT227B	<b>IXGN60N60N</b> IXYS / Littelfuse IGBT Module
<b>IXGN72N60A3</b> IXYS IGBT MOD 600V 160A 360W SOT227B	<b>IXGN50N60BD</b> IR IGBT Module	<b>IXGN60N60CD1</b> IXYS / Littelfuse IGBT Module	<b>IXGN60N60</b> IXYS IGBT MOD 600V 100A 250W SOT227B	<b>IXGN60N60C2</b> IXYS IGBT MOD 600V 75A 480W SOT227B	<b>IXGN60N120D1</b> IXYS / Littelfuse IGBT Module

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

- > Use your express account for shipment if you have one.
- > Use our account for the shipment. Refer to the table below for the approximate charges.  
(Different time frame / countries / package size has different price.)

### Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -

- Efficient Supply Management
- Cost-Saving Procurement
- Fast Sourcing & Delivery

Contact us if you have any questions.

- Phone  
+00852 9146 4856
- Email  
info@allelco.com

### Certifications & Memberships



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### Contact us

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