



## DSEI2X30-12B

Manufacturer Part Number	<b>DSEI2X30-12B</b>
Manufacturer	<b>IXYS Corporation</b>
Allelco Part Number	32D-DSEI2X30-12B
ECAD Model	Request Free CAD Models
Parts Description	DIODE MODULE 1.2KV 28A SOT227B
Package	SOT-227-4, miniBLOC
Data sheet	<b>DSEI2X30(31)-12B Type.pdf</b>
RoHs Status	ROHS3 Compliant



**Get a Quote**

DSEI2X30-12B - IXYS.New Original in Stock. Download Linear Technology DSEI2X30-12B datasheet/specifications on AllelcoElec.com.

Request a quote for DSEI2X30-12B, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

DSEI2X30-12B Tech Specifications

DSEI2X30-12B - IXYS technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	IXYS Corporation	Package / Case	SOT-227-4, miniBLOC
Voltage - Forward (Vf) (Max) @ If	2.55 V @ 30 A	Package	Tube
Voltage - DC Reverse (Vr) (Max)	1200 V	Operating Temperature - Junction	-40°C ~ 150°C
Technology	Standard	Mounting Type	Chassis Mount
Supplier Device Package	SOT-227B	Diode Configuration	2 Independent
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Reverse Leakage @ Vr	750 µA @ 1200 V
Series	-	Current - Average Rectified (Io) (per Diode)	28A
Reverse Recovery Time (trr)	60 ns	Base Product Number	DSEI2X30

### Parts with Similar Specifications

The three parts on the right have similar specifications to IXYS DSEI2X30-12B

Product Attribute	NO PICTURE			
Part Number	DSEI2X30-12B	DSEI2X31-12P	DSEI2X30-06C	DSEI2X31-10B
Manufacturer	IXYS	IXYS	IXYS	IXYS
Diode Configuration	2 Independent	2 Independent	2 Independent	2 Independent
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr)	60 ns	50 ns	50 ns	50 ns
Current - Reverse Leakage @ Vr	750 µA @ 1200 V	750 µA @ 1200 V	100 µA @ 600 V	750 µA @ 1000 V
Supplier Device Package	SOT-227B	ECO-PAC1	SOT-227B	SOT-227B
Mounting Type	Chassis Mount	Chassis Mount	Chassis Mount	Chassis Mount
Voltage - DC Reverse (Vr) (Max)	1200 V	1200 V	600 V	1000 V
Technology	Standard	Standard	Standard	Standard
Current - Average Rectified (Io) (per Diode)	28A	28A	30A	30A
Base Product Number	DSEI2X30	DSEI2X	DSEI2X30	DSEI2X31
Package	Tube	Box	Tube	Tube
Package / Case	SOT-227-4, miniBLOC	ECO-PAC1	SOT-227-4, miniBLOC	SOT-227-4, miniBLOC
Voltage - Forward (Vf) (Max) @ If	2.55 V @ 30 A	2.55 V @ 30 A	1.6 V @ 30 A	2.4 V @ 30 A
Operating Temperature - Junction	-40°C ~ 150°C	-40°C ~ 150°C	-40°C ~ 150°C	-40°C ~ 150°C
Series	-	-	-	-

### DSEI2X30-12B Datasheet PDF

Download DSEI2X30-12B pdf datasheets and IXYS documentation for DSEI2X30-12B - IXYS.

#### Datasheets

[DSEI2X30\(31\)-12B Type.pdf](#)

#### PCN Design/Specification

[SOT-227B Marking 12/Nov/2021.pdf](#)

### Customers Also Interested in

#### Recommended Products



**DSEI2x161/12**

IXYS / Littelfuse  
IGBT Module

**DSEI2X31-12P**

IXYS  
DIODE MODULE 1.2KV 28A ECO-PAC1

**DSEI2X30-08**

IXYS / Littelfuse  
IGBT Module

**DSEI2X31-10C**

IXYS / Littelfuse  
IGBT Module

**DSEI2X30-06C**

IXYS  
DIODE MODULE 600V 30A SOT227B

**DSEI2X31-10B**

IXYS  
DIODE MODULE 1KV 30A SOT227B

**DSEI2X30-06P**IXYS  
DIODE MODULE 600V 30A ECO-PAC1**DSEI2X30-10P**IXYS  
DIODE MODULE 1KV 30A ECO-PAC1**DSEI2X161-12P**IXYS  
DIODE MODULE 1.2KV 128A ECO-PAC2**DSEI2X31-04C**IXYS  
DIODE MODULE 400V 30A SOT227B**DSEI2X30-04C**IXYS  
DIODE MODULE 400V 30A SOT227B**DSEI2X30-02P**IXYS / Littelfuse  
IGBT Module**DSEI2X30-12P**IXYS  
DIODE MODULE 1.2KV 28A ECO-PAC1**DSEI2X30-08C**IXYS / Littelfuse  
IGBT Module**DSEI2X31-06C**IXYS  
DIODE MODULE 600V 30A SOT227B**DSEI2X31-13B**IXYS / Littelfuse  
IGBT Module**DSEI2X30-10B**IXYS  
DIODE MODULE 1KV 30A SOT227B**DSEI2X31-12B**IXYS  
DIODE MODULE 1.2KV 28A SOT227B

## 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.

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## Certifications & Memberships



[View More](#)



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