



MID150-12A4

Manufacturer Part Number	MID150-12A4
Manufacturer	IXYS Corporation
Allelco Part Number	32D-MID150-12A4
ECAD Model	Request Free CAD Models
Parts Description	IGBT MOD 1200V 180A 760W Y3DCB
Package	Y3-DCB
Data sheet	M(II, ID, DI)150-12A4.pdf
RoHs Status	ROHS3 Compliant



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MID150-12A4 - IXYS.New Original in Stock. Download Linear Technology MID150-12A4 datasheet/specifications on AllelcoElec.com.

Request a quote for MID150-12A4, please send us email: info@allelco.com

Specifications

MID150-12A4 Tech Specifications

MID150-12A4 - IXYS technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	IXYS Corporation	NTC Thermistor	No
Voltage - Collector Emitter Breakdown (Max)	1200 V	Mounting Type	Chassis Mount
Vce(on) (Max) @ Vge, Ic	2.7V @ 15V, 100A	Input Capacitance (Cies) @ Vce	6.6 nF @ 25 V
Supplier Device Package	Y3-DCB	Input	Standard
Series	-	IGBT Type	NPT
Power - Max	760 W	Current - Collector Cutoff (Max)	7.5 mA
Package / Case	Y3-DCB	Current - Collector (Ic) (Max)	180 A
Package	Box	Configuration	Single
Operating Temperature	150°C (TJ)	Base Product Number	MID150

Parts with Similar Specifications

The three parts on the right have similar specifications to IXYS MID150-12A4

Product Attribute	NO PICTURE			
Part Number	MID150-12A4	MID100-12A3	MID300-12A4	MID200-12A4
Manufacturer	IXYS	IXYS	IXYS	IXYS
Series	-	-	-	-
Configuration	Single	Single	Single	Single
IGBT Type	NPT	NPT	NPT	NPT
Mounting Type	Chassis Mount	Chassis Mount	Chassis Mount	Chassis Mount
Current - Collector (Ic) (Max)	180 A	135 A	330 A	270 A
Vce(on) (Max) @ Vge, Ic	2.7V @ 15V, 100A	2.7V @ 15V, 75A	2.7V @ 15V, 200A	2.7V @ 15V, 150A
Base Product Number	MID150	MID100	MID300	MID200
Input	Standard	Standard	Standard	Standard
Input Capacitance (Cies) @ Vce	6.6 nF @ 25 V	5.5 nF @ 25 V	13 nF @ 25 V	11 nF @ 25 V
Supplier Device Package	Y3-DCB	Y4-M5	Y3-DCB	Y3-DCB
Operating Temperature	150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	150°C (TJ)
Voltage - Collector Emitter Breakdown (Max)	1200 V	1200 V	1200 V	1200 V
NTC Thermistor	No	No	No	No
Power - Max	760 W	560 W	1380 W	1130 W
Current - Collector Cutoff (Max)	7.5 mA	5 mA	13 mA	10 mA
Package	Box	Box	Box	Box
Package / Case	Y3-DCB	Y4-M5	Y3-DCB	Y3-DCB

MID150-12A4 Datasheet PDF

Download MID150-12A4 pdf datasheets and IXYS documentation for MID150-12A4 - IXYS.

Datasheets

[M\(II, ID, DI\)150-12A4.pdf](#)

Customers Also Interested in

Recommended Products

MID100-12A3	MID400SD	MID400SDV	MID400M	MID400S	MID400V
IXYS	onsemi	onsemi	onsemi	onsemi	Fairchild Semiconductor
IGBT MODULE 1200V 135A 560W	OPTOISO 2.5KV OPN COLLECTOR	OPTOISO 2.5KV OPN COLLECTOR	OPTOISO 2.5KV OPN COLLECTOR	OPTOISO 2.5KV OPN COLLECTOR	LOGIC IC OUTPUT OPTOCOUPLER,

**MID400S**

Fairchild Semiconductor
LOGIC IC OUTPUT OPTOCOUPLER,
250

MID300-12A4

IXYS
IGBT MOD 1200V 330A 1380W
Y3DCB

MID200-12A4

IXYS
IGBT MOD 1200V 270A 1130W
Y3DCB

MID400-12E4

IXYS
IGBT MOD 1200V 420A 1700W Y3LI

MID145-12A3

IXYS
IGBT MODULE 1200V 160A 700W
Y4M5

MID400

Fairchild Semiconductor
LOGIC IC OUTPUT OPTOCOUPLER,
250

**MID400SV**

onsemi
OPTOISO 2.5KV OPN COLLECTOR
8SMD

**MID400WV**

onsemi
OPTOISO 2.5KV OPN COLLECTOR
8DIP

**MID400**

onsemi
OPTOISO 2.5KV OPN COLLECTOR
8DIP

**MID400-12E4T**

IXYS
IGBT MOD 1200V 420A 1700W Y3LI

**MID400V**

onsemi
OPTOISO 2.5KV OPN COLLECTOR
8DIP

**MID400W**

onsemi
OPTOISO 2.5KV OPN COLLECTOR
8DIP

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
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Cost-Saving
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Fast Sourcing &
Delivery

Contact us if you have any questions.



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Certifications & Memberships



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