



CM100DY-12H

Manufacturer Part Number	CM100DY-12H
Manufacturer	Powerex, Inc.
Allelco Part Number	32D-CM100DY-12H
ECAD Model	Request Free CAD Models
Parts Description	IGBT MOD 600V 100A 400W
Package	Module
Data sheet	CM100DY-12H.pdf



Get a Quote

CM100DY-12H - Powerex Inc..New Original in Stock. Download Linear Technology CM100DY-12H datasheet/specifications on AllelcoElec.com.
Request a quote for CM100DY-12H, please send us email: info@allelco.com

Specifications

CM100DY-12H Tech Specifications
CM100DY-12H - Powerex Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Powerex, Inc.	NTC Thermistor	No
Voltage - Collector Emitter Breakdown (Max)	600 V	Mounting Type	Chassis Mount
Vce(on) (Max) @ Vge, Ic	2.8V @ 15V, 100A	Input Capacitance (Cies) @ Vce	10 nF @ 10 V
Supplier Device Package	Module	Input	Standard
Series	IGBTMOD™	IGBT Type	-
Power - Max	400 W	Current - Collector Cutoff (Max)	1 mA
Package / Case	Module	Current - Collector (Ic) (Max)	100 A
Package	Bulk	Configuration	Half Bridge
Operating Temperature	-40°C ~ 150°C (TJ)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Powerex Inc. CM100DY-12H

Product Attribute	NO PICTURE			
Part Number	CM100DY-12H	CM100DU-24NFH	CM100DUS-12F	CM100DY-24H
Manufacturer	Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.
Current - Collector (Ic) (Max)	100 A	100 A	100 A	100 A
Vce(on) (Max) @ Vge, Ic	2.8V @ 15V, 100A	6.5V @ 15V, 100A	2.7V @ 15V, 100A	3.4V @ 15V, 100A
Mounting Type	Chassis Mount	Chassis Mount	Chassis Mount	Chassis Mount
Configuration	Half Bridge	Half Bridge	Half Bridge	Half Bridge
NTC Thermistor	No	No	No	No
Input	Standard	Standard	Standard	Standard
IGBT Type	-	-	Trench	-
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Voltage - Collector Emitter Breakdown (Max)	600 V	1200 V	600 V	1200 V
Package	Bulk	Bulk	Bulk	Bulk
Series	IGBTMOD™	IGBTMOD™	IGBTMOD™	IGBTMOD™
Supplier Device Package	Module	Module	Module	Module
Power - Max	400 W	560 W	350 W	780 W
Input Capacitance (Cies) @ Vce	10 nF @ 10 V	16 nF @ 10 V	27 nF @ 10 V	20 nF @ 10 V
Package / Case	Module	Module	Module	Module
Current - Collector Cutoff (Max)	1 mA	1 mA	1 mA	1 mA

CM100DY-12H Datasheet PDF

Download CM100DY-12H pdf datasheets and Powerex Inc. documentation for CM100DY-12H - Powerex Inc..

Datasheets

CM100DY-12H.pdf

Customers Also Interested in

Recommended Products

NO PICTURE	NO PICTURE	NO PICTURE	NO PICTURE	NO PICTURE	NO PICTURE
CM100DU-24NF MITSUBISHI IGBT Module	CM100DY-24G MITSUBISHI IGBT Module	CM100DY-12NF MITSUBISHI IGBT Module	CM100DU12H NO IGBT Module	CM100DY-13T MITSUBISHI IGBT Module	CM100DU-34K NO IGBT Module



CM100DY-12E
MITSUBISHI
IGBT Module



CM100DY-24A-300G
MIT



CM100DU-24NFB
Powerex Inc.
IGBT MOD 1200V 100A 560W



CM100DY-24J
MITSUBISHI
IGBT Module



CM100DUS-12F
Powerex Inc.
IGBT MOD 600V 100A 350W



CM100DY-12F
IGBT
IGBT Module



CM100DY-24H
Powerex Inc.
IGBT MOD 1200V 100A 780W



CM100DU-34KA
Powerex Inc.
IGBT MOD 1700V 100A 890W



CM100DY-12
MITSUBISHI
IGBT Module



CM100DY-24A
Powerex Inc.
IGBT MOD 1200V 100A 672W



CM100DY-12HE
MITSUBISHI
IGBT Module



CM100DY-20
MITSUBISHI
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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