



CM100RX-12A

Manufacturer Part Number	CM100RX-12A
Manufacturer	Powerex, Inc.
Allelco Part Number	32D-CM100RX-12A
ECAD Model	Request Free CAD Models
Parts Description	IGBT MOD 600V 100A 400W
Package	Module
Data sheet	CM100RX-12A.pdf
RoHS Status	RoHS Compliant



Get a Quote

CM100RX-12A - Powerex Inc..New Original in Stock. Download Linear Technology CM100RX-12A datasheet/specifications on AllelcoElec.com.
Request a quote for CM100RX-12A, please send us email: info@allelco.com

Specifications

CM100RX-12A Tech Specifications

CM100RX-12A - Powerex Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Powerex, Inc.	NTC Thermistor	Yes
Voltage - Collector Emitter Breakdown (Max)	600 V	Mounting Type	Chassis Mount
Vce(on) (Max) @ Vge, Ic	2.1V @ 15V, 100A	Input Capacitance (Cies) @ Vce	13.3 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	Three Phase Inverter with Brake
Operating Temperature	-40°C ~ 150°C (TJ)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Powerex Inc. CM100RX-12A

Product Attribute	NO PICTURE			
Part Number	CM100RX-12A	CM100RX-24S	CM100TF-12H	CM100RL-24NF
Manufacturer	Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.
Package	Bulk	Bulk	Bulk	Bulk
Series	IGBTMOD™	IGBTMOD™	IGBTMOD™	IGBTMOD™
Package / Case	Module	Module	Module	Module
Power - Max	400 W	750 W	400 W	620 W
IGBT Type	-	-	-	-
Voltage - Collector Emitter Breakdown (Max)	600 V	1200 V	600 V	1200 V
Input Capacitance (Cies) @ Vce	13.3 nF @ 10 V	10 nF @ 10 V	10 nF @ 10 V	17.5 nF @ 10 V
Input	Standard	Standard	Standard	Standard
Vce(on) (Max) @ Vge, Ic	2.1V @ 15V, 100A	2.15V @ 15V, 100A	2.8V @ 15V, 100A	3V @ 15V, 100A
Mounting Type	Chassis Mount	Chassis Mount	Chassis Mount	Chassis Mount
NTC Thermistor	Yes	Yes	No	No
Current - Collector (Ic) (Max)	100 A	100 A	100 A	100 A
Configuration	Three Phase Inverter with Brake	Three Phase Inverter with Brake	Three Phase Inverter	Three Phase Inverter with Brake
Supplier Device Package	Module	Module	Module	Module
Current - Collector Cutoff (Max)	1 mA	1 mA	1 mA	1 mA
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)

CM100RX-12A Datasheet PDF

Download CM100RX-12A pdf datasheets and Powerex Inc. documentation for CM100RX-12A - Powerex Inc..

Datasheets

CM100RX-12A.pdf

Customers Also Interested in

Recommended Products

NO PICTURE CM100MXUC-24T MITSUBISHI IGBT Module	 CM100RX-24S Powerex Inc. IGBT MOD 1200V 100A 750W	 CM100TF-12H Powerex Inc. IGBT MOD 600V 100A 400W	NO PICTURE CM100TF-24 MITSUBISHI IGBT Module	 CM100RL-24NF Powerex Inc. IGBT MOD 1200V 100A 620W	NO PICTURE CM100MXUBP-13T MITSUBISHI IGBT Module
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NO PICTURE

CM100MXUDP-13T

MITSUBISHI
IGBT Module



NO PICTURE

CM100MXUDP-13T1

MITSUBISHI
IGBT Module



NO PICTURE

CM100RX-24S1

MITSUBISHI
IGBT Module



NO PICTURE

CM100MXUC-24T1

MITSUBISHI
IGBT Module



NO PICTURE

CM100MXUD-13T1

MITSUBISHI
IGBT Module



NO PICTURE

CM100RX-34A

MITSUBIS
IGBT Module



NO PICTURE

CM100MXUCP-24T1

MITSUBISHI
IGBT Module



NO PICTURE

CM100MXUBP-13T1

MITSUBISHI
IGBT Module



CM100RX-24A

Powerex Inc.
IGBT MOD 1200V 100A 625W



NO PICTURE

CM100TF-13H

MITSUBISHI
IGBT Module



NO PICTURE

CM100TF-12

MITSUBISHI
IGBT Module



CM100RL-12NF

Powerex Inc.
IGBT MOD 600V 100A 540W

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



View More



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