



CM100TU-12F

Manufacturer Part Number	CM100TU-12F
Manufacturer	Powerex, Inc.
Allelco Part Number	32D-CM100TU-12F
ECAD Model	Request Free CAD Models
Parts Description	IGBT MOD 600V 100A 350W
Package	Module
Data sheet	CM100TU-12F.pdf



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CM100TU-12F - Powerex Inc..New Original in Stock. Download Linear Technology CM100TU-12F datasheet/specifications on AllelcoElec.com.
Request a quote for CM100TU-12F, please send us email: info@allelco.com

Specifications

CM100TU-12F Tech Specifications
CM100TU-12F - 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	2.2V @ 15V, 100A	Input Capacitance (Cies) @ Vce	27 nF @ 10 V
Supplier Device Package	Module	Input	Standard
Series	IGBTMOD™	IGBT Type	-
Power - Max	350 W	Current - Collector Cutoff (Max)	1 mA
Package / Case	Module	Current - Collector (Ic) (Max)	100 A
Package	Bulk	Configuration	Three Phase Inverter
Operating Temperature	-40°C ~ 150°C (TJ)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Powerex Inc. CM100TU-12F

Product Attribute	NO PICTURE			
Part Number	CM100TU-12F	CM100TX-24S1	CM100TJ-24F	CM100TX-24T
Manufacturer	Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.
Series	IGBTMOD™	-	IGBTMOD™	T
Supplier Device Package	Module	Module	Module	Module
IGBT Type	-	-	Trench	-
Current - Collector Cutoff (Max)	1 mA	1 mA	1 mA	1 mA
Mounting Type	Chassis Mount	-	Chassis Mount	Chassis Mount
Voltage - Collector Emitter Breakdown (Max)	600 V	1200 V	1200 V	1200 V
Current - Collector (Ic) (Max)	100 A	100 A	100 A	100 A
Configuration	Three Phase Inverter	Three Level Inverter	Three Phase Inverter	Three Phase Inverter
Package / Case	Module	Module	Module	Module
Vce(on) (Max) @ Vge, Ic	2.2V @ 15V, 100A	2.25V @ 15V, 100A	2.4V @ 15V, 100A	1.95V @ 15V, 100A
Input Capacitance (Cies) @ Vce	27 nF @ 10 V	10 nF @ 10 V	39 nF @ 10 V	20.5 nF @ 10 V
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C	-40°C ~ 150°C
Package	Bulk	Tray	Bulk	Bulk
NTC Thermistor	No	Yes	No	Yes
Input	Standard	Standard	Three Phase Bridge Rectifier	Three Phase Bridge Rectifier
Power - Max	350 W	625 W	390 W	565 W

CM100TU-12F Datasheet PDF

Download CM100TU-12F pdf datasheets and Powerex Inc. documentation for CM100TU-12F - Powerex Inc..

PCN Obsolescence/ EOL

IGBT/IPM Module EOL 1/Sep/2015.pdf

Customers Also Interested in

Recommended Products

					NO PICTURE
CM100TX-24S1	CM100TJ-24F	CM100TX-24T	CM100TX-24S	CM100TU-24F	CM100TJ-12F
Powerex Inc. IGBT MOD 1200V 100A 625W	Powerex Inc. IGBT MOD 1200V 100A 390W	Powerex Inc. IGBT MOD 1200V 100A 565W	Powerex Inc. IGBT MOD 1200V 100A 750W	Powerex Inc. IGBT MOD 1200V 100A 500W	MITSUBIS IGBT Module



NO PICTURE

CM100TX-34SA

MITSUBISHI
IGBT Module



NO PICTURE

CM100US-12F

MITSUBISHI
IGBT Module



CM100TL-12NF

Powerex Inc.
IGBT MOD 600V 100A 540W



CM100TU-24H

Powerex Inc.
IGBT MOD 1200V 100A 650W



CM100TL-24NF

Powerex Inc.
IGBT MOD 1200V 100A 620W



CM100TF-28H

Powerex Inc.
IGBT MOD 1400V 100A 780W



NO PICTURE

CM100TJA-24FA

MITSUBISHI
IGBT Module



NO PICTURE

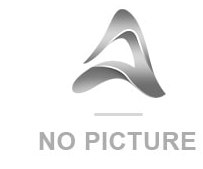
CM100TF-HB

MIT
IGBT Module



CM100TF-24H

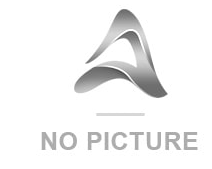
Powerex Inc.
IGBT MOD 1200V 100A 780W



NO PICTURE

CM100US-12H

MITSUBISHI
IGBT Module



NO PICTURE

CM100TU-24E

MITSUBISHI
IGBT Module



CM100TU-12H

Powerex Inc.
IGBT MOD 600V 100A 400W

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

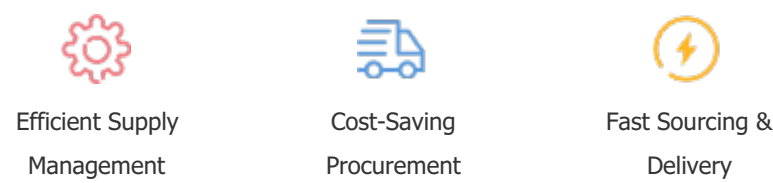
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

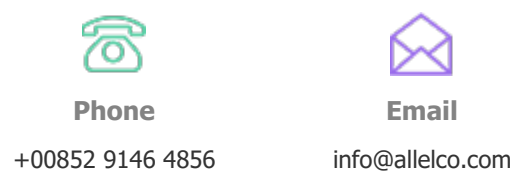
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)



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