



CM100TU-24F

Manufacturer Part Number	CM100TU-24F
Manufacturer	Powerex, Inc.
Allelco Part Number	32D-CM100TU-24F
ECAD Model	Request Free CAD Models
Parts Description	IGBT MOD 1200V 100A 500W
Package	Module
Data sheet	CM100TU-24F.pdf
RoHS Status	RoHS Compliant

Get a Quote

CM100TU-24F - Powerex Inc..New Original in Stock. Download Linear Technology CM100TU-24F datasheet/specifications on AllelcoElec.com.
Request a quote for CM100TU-24F, please send us email: info@allelco.com

Specifications

CM100TU-24F Tech Specifications
CM100TU-24F - 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)	1200 V	Mounting Type	Chassis Mount
Vce(on) (Max) @ Vge, Ic	2.4V @ 15V, 100A	Input Capacitance (Cies) @ Vce	39 nF @ 10 V
Supplier Device Package	Module	Input	Standard
Series	IGBTMOD™	IGBT Type	Trench
Power - Max	500 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-24F

Product Attribute	NO PICTURE			
Part Number	CM100TU-24F	CM100TU-12F	CM100TL-24NF	CM100TX-24T
Manufacturer	Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.
Power - Max	500 W	350 W	620 W	565 W
Input	Standard	Standard	Standard	Three Phase Bridge Rectifier
Vce(on) (Max) @ Vge, Ic	2.4V @ 15V, 100A	2.2V @ 15V, 100A	3V @ 15V, 100A	1.95V @ 15V, 100A
IGBT Type	Trench	-	-	-
Current - Collector (Ic) (Max)	100 A	100 A	100 A	100 A
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C
Series	IGBTMOD™	IGBTMOD™	IGBTMOD™	T
Voltage - Collector Emitter Breakdown (Max)	1200 V	600 V	1200 V	1200 V
Configuration	Three Phase Inverter	Three Phase Inverter	Three Phase Inverter	Three Phase Inverter
NTC Thermistor	No	No	No	Yes
Supplier Device Package	Module	Module	Module	Module
Mounting Type	Chassis Mount	Chassis Mount	Chassis Mount	Chassis Mount
Current - Collector Cutoff (Max)	1 mA	1 mA	1 mA	1 mA
Package / Case	Module	Module	Module	Module
Input Capacitance (Cies) @ Vce	39 nF @ 10 V	27 nF @ 10 V	17.5 nF @ 10 V	20.5 nF @ 10 V
Package	Bulk	Bulk	Bulk	Bulk

Customers Also Interested in

Recommended Products

NO PICTURE CM100US-12F MITSUBISHI IGBT Module	NO PICTURE CM1011B CHIMEI	 CM100TU-12F Powerex Inc. IGBT MOD 600V 100A 350W	 CM100TL-24NF Powerex Inc. IGBT MOD 1200V 100A 620W	NO PICTURE CM100TJ-12F MITSUBIS IGBT Module	 CM100TX-24T Powerex Inc. IGBT MOD 1200V 100A 565W
NO PICTURE CM100TJA-24FA MITSUBISHI IGBT Module	 CM100TU-24H Powerex Inc. IGBT MOD 1200V 100A 650W	NO PICTURE CM100TX-34SA MITSUBISHI IGBT Module	 CM100TX-24S1 Powerex Inc. IGBT MOD 1200V 100A 625W	 CM100TJ-24F Powerex Inc. IGBT MOD 1200V 100A 390W	 CM100TU-12H Powerex Inc. IGBT MOD 600V 100A 400W



CM100US-12H
MITSUBISHI
IGBT Module



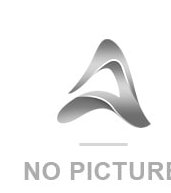
CM100TX-24S
Powerex Inc.
IGBT MOD 1200V 100A 750W



CM100TU-24E
MITSUBISHI
IGBT Module



CM1012A-ET
CHIMEI



CM1012C-ET
CHIMEI



CM100TL-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](#)



Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com