



## CM100DU-34KA

Manufacturer Part Number	<b>CM100DU-34KA</b>
Manufacturer	<b>Powerex, Inc.</b>
Allelco Part Number	32D-CM100DU-34KA
ECAD Model	Request Free CAD Models
Parts Description	IGBT MOD 1700V 100A 890W
Package	Module
Data sheet	CM100DU-34KA.pdf



**Get a Quote**

CM100DU-34KA - Powerex Inc..New Original in Stock. Download Linear Technology CM100DU-34KA datasheet/specifications on AllelcoElec.com.  
Request a quote for CM100DU-34KA, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

CM100DU-34KA Tech Specifications  
CM100DU-34KA - 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)	1700 V	Mounting Type	Chassis Mount
Vce(on) (Max) @ Vge, Ic	4V @ 15V, 100A	Input Capacitance (Cies) @ Vce	14 nF @ 10 V
Supplier Device Package	Module	Input	Standard
Series	IGBTMOD™	IGBT Type	-
Power - Max	890 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. CM100DU-34KA

Product Attribute	NO PICTURE			
Part Number	CM100DU-34KA	CM100DU-24H	CM100DU-24F	CM100DU-24NFH
Manufacturer	Powerex Inc.	Powerex Inc.	Powerex Inc.	Powerex Inc.
Voltage - Collector Emitter Breakdown (Max)	1700 V	1200 V	1200 V	1200 V
Series	IGBTMOD™	IGBTMOD™	IGBTMOD™	IGBTMOD™
Current - Collector Cutoff (Max)	1 mA	1 mA	1 mA	1 mA
NTC Thermistor	No	No	No	No
Mounting Type	Chassis Mount	Chassis Mount	Chassis Mount	Chassis Mount
Input	Standard	Standard	Standard	Standard
Current - Collector (Ic) (Max)	100 A	100 A	100 A	100 A
Package / Case	Module	Module	Module	Module
Input Capacitance (Cies) @ Vce	14 nF @ 10 V	15 nF @ 10 V	39 nF @ 10 V	16 nF @ 10 V
IGBT Type	-	-	Trench	-
Power - Max	890 W	600 W	500 W	560 W
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Supplier Device Package	Module	Module	Module	Module
Configuration	Half Bridge	Half Bridge	Half Bridge	Half Bridge
Vce(on) (Max) @ Vge, Ic	4V @ 15V, 100A	3.7V @ 15V, 100A	2.4V @ 15V, 100A	6.5V @ 15V, 100A
Package	Bulk	Bulk	Bulk	Bulk

### CM100DU-34KA Datasheet PDF

Download CM100DU-34KA pdf datasheets and Powerex Inc. documentation for CM100DU-34KA - Powerex Inc..

PCN Obsolescence/ EOL

IGBT Mod EOL 1/Jun/2017.pdf

### Customers Also Interested in

#### Recommended Products

	NO PICTURE	NO PICTURE	NO PICTURE	NO PICTURE	NO PICTURE
<b>CM100DU-24H</b> Powerex Inc. IGBT MOD 1200V 100A 600W	<b>CM100DU12H</b> NO IGBT Module	<b>CM100DY-12F</b> IGBT IGBT Module	<b>CM100DU-34K</b> NO IGBT Module	<b>CM100DS-12F</b> MITSUBISHI IGBT Module	<b>CM100DY-12NF</b> MITSUBISHI IGBT Module



**CM100DY-12HE**  
MITSUBISHI  
IGBT Module



**CM100DU-24F**  
Powerex Inc.  
IGBT MOD 1200V 100A 500W



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



**CM100DY-12E**  
MITSUBISHI  
IGBT Module



**CM100DU-24NF**  
MITSUBISHI  
IGBT Module



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



**CM100DU-12F**  
Powerex Inc.  
IGBT MOD 600V 100A 350W



**CM100DU-12H**  
Powerex Inc.  
IGBT MOD 600V 100A 400W



**CM100DY-12H**  
Powerex Inc.  
IGBT MOD 600V 100A 400W



**CM100DU-12E**  
MITSUBISHI  
IGBT Module



**CM100DY-13T**  
MITSUBISHI  
IGBT Module



**CM100DY-12**  
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

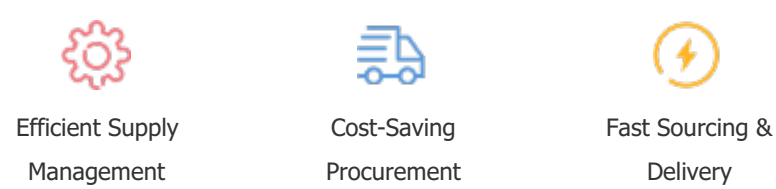
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

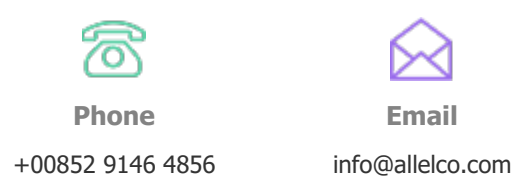
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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