



200CNQ045

Manufacturer Part Number	200CNQ045
Manufacturer	Sangdest Microelectronics / Nanjing (SMC Diode Solutions)
Allelco Part Number	32D-200CNQ045
ECAD Model	Request Free CAD Models
Parts Description	DIODE SCHOTTKY 45V 100A PRM4
Package	PRM4
Data sheet	200CNQ035, 040, 045.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

200CNQ045 - SMC Diode Solutions. New Original in Stock. Download Linear Technology 200CNQ045 datasheet/specifications on AllelcoElec.com.
Request a quote for 200CNQ045, please send us email: info@allelco.com

Specifications

200CNQ045 Tech Specifications
200CNQ045 - SMC Diode Solutions technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Sangdest Microelectronics / Nanjing (SMC Diode Solutions)	Package	Bulk
Voltage - Forward (Vf) (Max) @ If	570 mV @ 100 A	Operating Temperature - Junction	-55°C ~ 150°C
Voltage - DC Reverse (Vr) (Max)	45 V	Mounting Type	Chassis Mount
Technology	Schottky	Diode Configuration	1 Pair Common Cathode
Supplier Device Package	PRM4 (Non-Isolated)	Current - Reverse Leakage @ Vr	10 mA @ 45 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io) (per Diode)	100A
Series	-	Base Product Number	200CNQ
Package / Case	PRM4		

Parts with Similar Specifications

The three parts on the right have similar specifications to SMC Diode Solutions 200CNQ045

Product Attribute	NO PICTURE			
Part Number	200CNQ045	200CNQ045	200CNQ040	200CMQ045
Manufacturer	SMC Diode Solutions	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	SMC Diode Solutions
Operating Temperature - Junction	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C
Diode Configuration	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode
Series	-	-	-	-
Base Product Number	200CNQ	200CNQ	200CNQ	200CMQ
Current - Reverse Leakage @ Vr	10 mA @ 45 V	10 mA @ 45 V	10 mA @ 40 V	10 mA @ 45 V
Package / Case	PRM4	TO-244AB	TO-244AB	PRM4
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Package	Bulk	Bulk	Bulk	Bulk
Supplier Device Package	PRM4 (Non-Isolated)	TO-244AB	TO-244AB	PRM4 (Isolated)
Current - Average Rectified (Io) (per Diode)	100A	100A	100A	100A
Technology	Schottky	Schottky	Schottky	Schottky
Mounting Type	Chassis Mount	Chassis Mount	Chassis Mount	Chassis Mount
Voltage - Forward (Vf) (Max) @ If	570 mV @ 100 A	540 mV @ 100 A	540 mV @ 100 A	540 mV @ 100 A
Voltage - DC Reverse (Vr) (Max)	45 V	45 V	40 V	45 V

200CNQ045 Datasheet PDF

Download 200CNQ045 pdf datasheets and SMC Diode Solutions documentation for 200CNQ045 - SMC Diode Solutions.

Datasheets

[200CNQ035, 040, 045.pdf](#)

Environmental Information

[SMC Diodes REACH 205.pdf](#)

[SMC Diodes RoHS.pdf](#)

Customers Also Interested in

Recommended Products

NO PICTURE	NO PICTURE				
200CRH200	200CNQ025	200CNQ045	200CNQ040	200CMQ045	200CNQ035
WESTCODE IGBT Module	IR IGBT Module	Vishay General Semiconductor - Diodes Division DIODE MODULE 45V 100A TO244AB	Vishay General Semiconductor - Diodes Division DIODE MODULE 40V 100A TO244AB	SMC Diode Solutions DIODE SCHOTTKY 45V 100A PRM4	Vishay General Semiconductor - Diodes Division DIODE MODULE 35V 100A TO244AB

200CNQ045PBF IR IGBT Module	200EXH11 TAEC Product (Toshiba Electronic Devices and Stora IGBT Module	200CNQ030 MOTOROLA IGBT Module	200E6601TB75 NA	200EUU04 IR IGBT Module	200CNQ020 IR IGBT Module
200CNQ040 SMC Diode Solutions DIODE SCHOTTKY 40V 100A PRM4	200EXG11 TAEC Product (Toshiba Electronic Devices and Stora IGBT Module	200EXG15 TAEC Product (Toshiba Electronic Devices and Stora IGBT Module	200CNQ100R IR IGBT Module	200CMQ040 SMC Diode Solutions DIODE SCHOTTKY 40V 100A PRM4	200CNQ035 SMC Diode Solutions DIODE SCHOTTKY 35V 100A PRM4

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.

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Certifications & Memberships

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