



Image may be representation.
See specifications for product details.



SMBJ8.0CA-E3/52

Manufacturer Part Number	SMBJ8.0CA-E3/52
Manufacturer	Vishay General Semiconductor – Diodes Division
Allelco Part Number	32D-SMBJ8.0CA-E3/52
ECAD Model	Request Free CAD Models
Parts Description	TVS DIODE 8VWM 13.6VC DO214AA
Package	DO-214AA, SMB
Data sheet	Cylindrical Battery Holders.pdf
	SMBJ5.0A - SMBJ188A.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SMBJ8.0CA-E3/52 - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology SMBJ8.0CA-E3/52 datasheet/specifications on AllelcoElec.com.
Request a quote for SMBJ8.0CA-E3/52, please send us email: info@allelco.com

Specifications

SMBJ8.0CA-E3/52 Tech Specifications
SMBJ8.0CA-E3/52 - Vishay General Semiconductor - Diodes Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay General Semiconductor – Diodes Division	Package / Case	DO-214AA, SMB
Voltage - Reverse Standoff (Typ)	8V	Package	Tape & Reel (TR)
Voltage - Clamping (Max) @ Ipp	13.6V	Operating Temperature	-55°C ~ 150°C (TJ)
Voltage - Breakdown (Min)	8.89V	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	44.1A
Supplier Device Package	DO-214AA (SMBJ)	Capacitance @ Frequency	-
Series	TransZorb®	Bidirectional Channels	1
Power Line Protection	No	Base Product Number	SMBJ8.0
Power - Peak Pulse	600W	Applications	General Purpose

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division SMBJ8.0CA-E3/52

Product Attribute				
Part Number	SMBJ8.0CA-E3/52	SMBJ8.5A-13-F	SMBJ8.0CA	SMBJ8.0CA-E3/5B
Manufacturer	Vishay General Semiconductor - Diodes Division	Diodes Incorporated	Yangzhou Yangjie Electronic Technology Co.,Ltd	Vishay General Semiconductor - Diodes Division
Type	Zener	Zener	Zener	Zener
Power Line Protection	No	No	No	No
Capacitance @ Frequency	-	-	-	-
Voltage - Breakdown (Min)	8.89V	9.44V	8.89V	8.89V
Bidirectional Channels	1	-	1	1
Supplier Device Package	DO-214AA (SMBJ)	SMB	DO-214AA (SMB)	DO-214AA (SMBJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Voltage - Clamping (Max) @ Ipp	13.6V	14.4V	13.6V	13.6V
Series	TransZorb®	SMBJ	SMBJ	TransZorb®
Voltage - Reverse Standoff (Typ)	8V	8.5V	8V	8V
Power - Peak Pulse	600W	600W	600W	600W
Current - Peak Pulse (10/1000µs)	44.1A	41.7A	44.12A	44.1A
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Applications	General Purpose	General Purpose	Telecom	General Purpose
Base Product Number	SMBJ8.0	SMBJ8.5	-	SMBJ8.0

SMBJ8.0CA-E3/52 Datasheet PDF

Download SMBJ8.0CA-E3/52 pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for SMBJ8.0CA-E3/52 - Vishay General Semiconductor - Diodes Division.

Datasheets

Cylindrical Battery Holders.pdf

PCN Assembly/Origin

2.73KHz.pdf

HTML Datasheet

SMBJ5.0A - SMBJ188A.pdf

Customers Also Interested in

Recommended Products

					
SMBJ8.5A-13-F Diodes Incorporated TVS DIODE 8.5VWM 14.4VC SMB	SMBJ8.0CA Yangzhou Yangjie Electronic Technology Co.,Ltd TVS DIODE 8VWM 13.6VC DO214AA	SMBJ8.0CA-E3/5B Vishay General Semiconductor - Diodes Division TVS DIODE 8VWM 13.6VC DO214AA	SMBJ8.5A SMC Diode Solutions TVS DIODE 8.5VWM 14.4VC SMB	SMBJ8.5A Bourns Inc. TVS DIODE 8.5VWM 14.4VC SMB	SMBJ8.0CA-E3/2C Electro-Films (EFI) / Vishay
					
SMBJ8.0CA-13-F Diodes Incorporated TVS DIODE 8VWM 13.6VC SMB	SMBJ8.0AE3/TR13 Microchip Technology TVS DIODE 8VWM 13.6VC SMBJ	SMBJ8.0CA SMC Diode Solutions TVS DIODE 8VWM 13.6VC SMB	SMBJ8.0A-E3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 8VWM 13.6VC DO214AA	SMBJ8.5A-TR STMicroelectronics TVS DIODE 8.5VWM 14.4VC SMB	SMBJ8.5A Littelfuse Inc. TVS DIODE 8.5VWM 14.4VC DO214AA
					
SMBJ8.5A-E3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 8.5VWM 14.4VC DO214AA	SMBJ8.5A Meritek TVS DIODE 8.5VWM 14.4VC	SMBJ8.0CA Littelfuse Inc. TVS DIODE 8VWM 13.6VC DO214AA	SMBJ8.0CA Meritek TVS DIODE 8VWM 13.6VC	SMBJ8.0CA Bourns Inc. TVS DIODE 8VWM 13.6VC SMB	SMBJ8.0CA-CT7 Concord Electronics

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

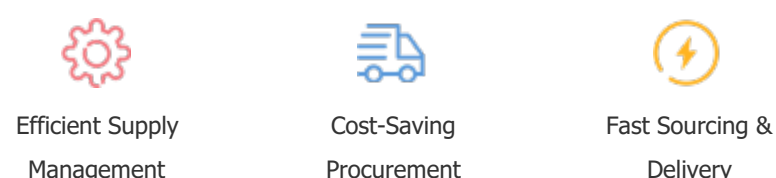
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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Contact us

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