



Image may be representation.
See specifications for product details.



SMBJ13CA-E3/52

Manufacturer Part Number	SMBJ13CA-E3/52
Manufacturer	Vishay General Semiconductor – Diodes Division
Allelco Part Number	32D-SMBJ13CA-E3/52
ECAD Model	Request Free CAD Models
Parts Description	TVS DIODE 13VWM 21.5VC DO214AA
Package	DO-214AA, SMB
Data sheet	Cylindrical Battery Holders.pdf
	SMBJ5.0A - SMBJ188A.pdf
RoHs Status	ROHS3 Compliant

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SMBJ13CA-E3/52 - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology SMBJ13CA-E3/52 datasheet/specifications on AllelcoElec.com.

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Specifications

SMBJ13CA-E3/52 Tech Specifications

SMBJ13CA-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)	13V	Package	Tape & Reel (TR)
Voltage - Clamping (Max) @ Ipp	21.5V	Operating Temperature	-55°C ~ 150°C (TJ)
Voltage - Breakdown (Min)	14.4V	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	27.9A
Supplier Device Package	DO-214AA (SMBJ)	Capacitance @ Frequency	-
Series	TransZorb®	Bidirectional Channels	1
Power Line Protection	No	Base Product Number	SMBJ13
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 SMBJ13CA-E3/52

Product Attribute				
Part Number	SMBJ13CA-E3/52	SMBJ13CA-13-F	SMBJ14A	SMBJ14A
Manufacturer	Vishay General Semiconductor - Diodes Division	Diodes Incorporated	Littelfuse Inc.	Taiwan Semiconductor Corporation
Power - Peak Pulse	600W	600W	600W	600W
Voltage - Breakdown (Min)	14.4V	14.4V	15.6V	15.6V
Series	TransZorb®	SMBJ	SMBJ	SMBJ
Type	Zener	Zener	Zener	Zener
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Power Line Protection	No	No	No	No
Current - Peak Pulse (10/1000µs)	27.9A	27.9A	25.9A	25.9A
Base Product Number	SMBJ13	SMBJ13	-	SMBJ14
Package / Case	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB
Supplier Device Package	DO-214AA (SMBJ)	SMB	DO-214AA (SMBJ)	DO-214AA (SMB)
Voltage - Clamping (Max) @ Ipp	21.5V	21.5V	23.2V	23.2V
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Bidirectional Channels	1	1	-	-
Voltage - Reverse Standoff (Typ)	13V	13V	14V	14V
Capacitance @ Frequency	-	-	-	-

SMBJ13CA-E3/52 Datasheet PDF

Download SMBJ13CA-E3/52 pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for SMBJ13CA-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

					
SMBJ13CA-13-F Diodes Incorporated TVS DIODE 13VWM 21.5VC SMB	SMBJ14A Littelfuse Inc. TVS DIODE 14VWM 23.2VC DO214AA	SMBJ14A Taiwan Semiconductor Corporation TVS DIODE 14VWM 23.2VC DO214AA	SMBJ13CA Yangzhou Yangjie Electronic Technology Co.,Ltd TVS DIODE 13VWM 21.5VC DO214AA	SMBJ14A SMC Diode Solutions TVS DIODE 14VWM 23.2VC SMB	SMBJ14A Yangzhou Yangjie Electronic Technology Co.,Ltd TVS DIODE 14VWM 23.2VC DO214AA
					
SMBJ13A/2 Electro-Films (EFI) / Vishay	SMBJ13CA R5 Taiwan Semiconductor	SMBJ13CA Littelfuse Inc. TVS DIODE 13VWM 21.5VC DO214AA	SMBJ13CA Meritek TVS DIODE 13VWM 21.5VC	SMBJ13CA Taiwan Semiconductor Corporation TVS DIODE 13VWM 21.5VC DO214AA	SMBJ13CA SMC Diode Solutions TVS DIODE 13VWM 21.5VC SMB
					
SMBJ13AHE3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 13VWM 21.5VC DO214AA	SMBJ13CA-TP Micro Commercial Co TVS DIODE 13VWM 21.5VC DO214AA	SMBJ13CA-TR STMicroelectronics TVS DIODE 13VWM 21.5VC SMB	SMBJ13CA-E3/5B Vishay General Semiconductor - Diodes Division TVS DIODE 13VWM 21.5VC DO214AA	SMBJ13CA Bourns Inc. TVS DIODE 13VWM 21.5VC SMB	SMBJ14A Bourns Inc. TVS DIODE 14VWM 23.2VC SMB

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

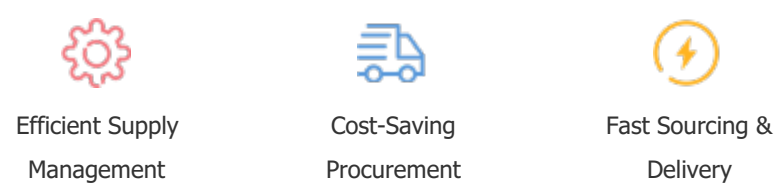
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

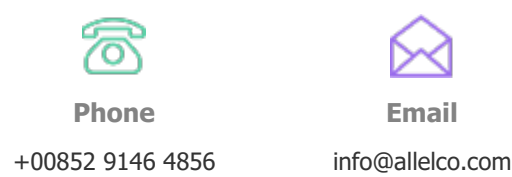
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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