



Image may be representation.
See specifications for product details.



SMBJ40CA-TR

Manufacturer Part Number	SMBJ40CA-TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-SMBJ40CA-TR
ECAD Model	Request Free CAD Models
Parts Description	TVS DIODE 40VWM 64.5VC SMB
Package	DO-214AA, SMB
Data sheet	SMBJ Datasheet.pdf
RoHs Status	ROHS3 Compliant

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SMBJ40CA-TR - STMicroelectronics.New Original in Stock. Download Linear Technology SMBJ40CA-TR datasheet/specifications on AllelcoElec.com.
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Specifications

SMBJ40CA-TR Tech Specifications
SMBJ40CA-TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package / Case	DO-214AA, SMB
Voltage - Reverse Standoff (Typ)	40V	Package	Tape & Reel (TR)
Voltage - Clamping (Max) @ Ipp	64.5V	Operating Temperature	-55°C ~ 150°C (TJ)
Voltage - Breakdown (Min)	44.4V	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	9.7A
Supplier Device Package	SMB (DO-214AA)	Capacitance @ Frequency	-
Series	SMBJ, TRANSIL™	Bidirectional Channels	1
Power Line Protection	No	Base Product Number	SMBJ40
Power - Peak Pulse	600W	Applications	General Purpose

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics SMBJ40CA-TR

Product Attribute				
Part Number	SMBJ40CA-TR	SMBJ40CA-E3/52	SMBJ43A	SMBJ43A
Manufacturer	STMicroelectronics	Vishay General Semiconductor - Diodes Division	Taiwan Semiconductor Corporation	Littelfuse Inc.
Voltage - Reverse Standoff (Typ)	40V	40V	43V	43V
Power - Peak Pulse	600W	600W	600W	600W
Package / Case	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB
Current - Peak Pulse (10/1000µs)	9.7A	9.3A	8.6A	8.7A
Type	Zener	Zener	Zener	Zener
Series	SMBJ, TRANSIL™	TransZorb®	SMBJ	SMBJ
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Breakdown (Min)	44.4V	44.4V	47.8V	47.8V
Base Product Number	SMBJ40	SMBJ40	SMBJ43	-
Supplier Device Package	SMB (DO-214AA)	DO-214AA (SMBJ)	DO-214AA (SMB)	DO-214AA (SMBJ)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Capacitance @ Frequency	-	-	-	-
Bidirectional Channels	1	1	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Power Line Protection	No	No	No	No
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)
Voltage - Clamping (Max) @ Ipp	64.5V	64.5V	69.4V	69.4V

SMBJ40CA-TR Datasheet PDF

Download SMBJ40CA-TR pdf datasheets and STMicroelectronics documentation for SMBJ40CA-TR - STMicroelectronics.

PCN Packaging

[Box Label Chg 28/Jul/2016.pdf](#)

HTML Datasheet

[SMBJ Datasheet.pdf](#)

PCN Assembly/Origin

[Assembly 17/Sep/2020.pdf](#)

Customers Also Interested in

Recommended Products

					
SMBJ40CA-E3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 40VWM 64.5VC DO214AA	SMBJ43A Taiwan Semiconductor Corporation TVS DIODE 43VWM 69.4VC DO214AA	SMBJ43A Littelfuse Inc. TVS DIODE 43VWM 69.4VC DO214AA	SMBJ40CA-TP Micro Commercial Co TVS DIODE 40VWM 64.5VC DO214AA	SMBJ40CA Fairchild Semiconductor TRANS VOLTAGE SUPPRESSOR DIODE,	SMBJ40CA Littelfuse Inc. TVS DIODE 40VWM 64.5VC DO214AA
					
SMBJ40CA R5G Taiwan Semiconductor Corporation TVS DIODE 40VWM 64.5VC DO214AA	SMBJ40CA Taiwan Semiconductor Corporation TVS DIODE 40VWM 64.5VC DO214AA	SMBJ40D-M3/H Vishay General Semiconductor - Diodes Division TVS DIODE 40VWM 63.6VC DO214AA	SMBJ40CA-13-F Diodes Incorporated TVS DIODE 40VWM 64.5VC SMB	SMBJ40CAHE3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 40VWM 64.5VC DO214AA	SMBJ43A-13-F Diodes Incorporated TVS DIODE 43VWM 69.4VC SMB
					
SMBJ40CA-M3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 40VWM 64.5VC DO214AA	SMBJ43A Bourns Inc. TVS DIODE 43VWM 69.4VC SMB	SMBJ43A Meritek TVS DIODE 43VWM 69.4VC	SMBJ43A SMC Diode Solutions TVS DIODE 43VWM 69.4VC SMB	SMBJ40CA Yangzhou Yangjie Electronic Technology Co.,Ltd TVS DIODE 40VWM 64.5VC DO214AA	SMBJ40CAH Taiwan Semiconductor Corporation TVS DIODE 40VWM 64.5VC DO214AA

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.

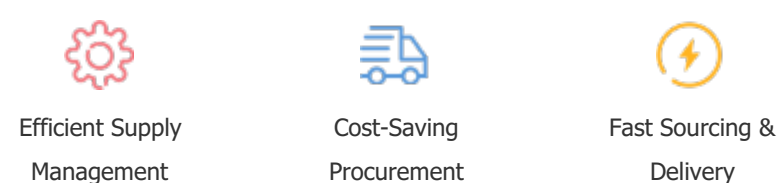
Contact us if you have any questions.

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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