



Image may be representation.
See specifications for product details.



SMBJ20A-TR

Manufacturer Part Number	SMBJ20A-TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-SMBJ20A-TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TVS DIODE 20VWM 32.4VC SMB
Package	DO-214AA, SMB
Data sheet	SMBJ Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SMBJ20A-TR - STMicroelectronics. New Original in Stock. Download Linear Technology SMBJ20A-TR datasheet/specifications on AllelcoElec.com.
Request a quote for SMBJ20A-TR, please send us email: info@allelco.com

Specifications

SMBJ20A-TR Tech Specifications

SMBJ20A-TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Power - Peak Pulse	600W
Voltage - Reverse Standoff (Typ)	20V	Package / Case	DO-214AA, SMB
Voltage - Clamping (Max) @ Ipp	32.4V	Package	Tape & Reel (TR)
Voltage - Breakdown (Min)	22.2V	Operating Temperature	-55°C ~ 150°C (TJ)
Unidirectional Channels	1	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	19.4A
Supplier Device Package	SMB (DO-214AA)	Capacitance @ Frequency	-
Series	SMBJ, TRANSIL™	Base Product Number	SMBJ20
Power Line Protection	No	Applications	General Purpose

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics SMBJ20A-TR

Product Attribute				
Part Number	SMBJ20A-TR	SMBJ20CA	SMBJ20CA	SMBJ20A-TP
Manufacturer	STMicroelectronics	Littelfuse Inc.	Taiwan Semiconductor Corporation	Micro Commercial Co
Supplier Device Package	SMB (DO-214AA)	DO-214AA (SMBJ)	DO-214AA (SMB)	DO-214AA (SMB)
Voltage - Clamping (Max) @ Ipp	32.4V	32.4V	32.4V	32.4V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Unidirectional Channels	1	-	-	1
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	SMBJ, TRANSIL™	SMBJ	SMBJ	-
Voltage - Reverse Standoff (Typ)	20V	20V	20V	20V
Package / Case	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB
Type	Zener	Zener	Zener	Zener
Voltage - Breakdown (Min)	22.2V	22.2V	22.2V	22.2V
Operating Temperature	-55°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 175°C (TJ)
Power Line Protection	No	No	No	No
Base Product Number	SMBJ20	-	SMBJ20	SMBJ20
Power - Peak Pulse	600W	600W	600W	600W
Current - Peak Pulse (10/1000µs)	19.4A	18.6A	18.5A	18.5A
Capacitance @ Frequency	-	-	-	-

SMBJ20A-TR Datasheet PDF

Download SMBJ20A-TR pdf datasheets and STMicroelectronics documentation for SMBJ20A-TR - STMicroelectronics.

PCN Assembly/Origin

2.73KHz.pdf

HTML Datasheet

SMBJ Datasheet.pdf

Customers Also Interested in

Recommended Products

					
SMBJ20CA Littelfuse Inc. TVS DIODE 20VWM 32.4VC DO214AA	SMBJ20CA Taiwan Semiconductor Corporation TVS DIODE 20VWM 32.4VC DO214AA	SMBJ20A-TP Micro Commercial Co TVS DIODE 20VWM 32.4VC DO214AA	SMBJ20A Bourns Inc. TVS DIODE 20VWM 32.4VC SMB	SMBJ20AHE3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 20VWM 32.4VC DO214AA	SMBJ20A-F LITEON
					
SMBJ20A-13-F Diodes Incorporated TVS DIODE 20VWM 32.4VC SMB	SMBJ20A-M3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 20VWM 32.4VC DO214AA	SMBJ20CA Yangzhou Yangjie Electronic Technology Co.,Ltd TVS DIODE 20VWM 32.4VC DO214AA	SMBJ20A-E3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 20VWM 32.4VC DO214AA	SMBJ20AQ-13-F Diodes Incorporated TVS DIODE 20VWM 32.4VC SMB	SMBJ20A-E3/61 Electro-Films (EFI) / Vishay
					
SMBJ20A Meritek TVS DIODE 20VWM 32.4VC	SMBJ20CA Bourns Inc. TVS DIODE 20VWM 32.4VC SMB	SMBJ20AH-TR/ZS STMicroelectronics	SMBJ20CA Meritek TVS DIODE 20VWM 32.4VC	SMBJ20CA SMC Diode Solutions TVS DIODE 20VWM 32.4VC SMB	SMBJ20A SMC Diode Solutions TVS DIODE 20VWM 32.4VC 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 Alleco 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.

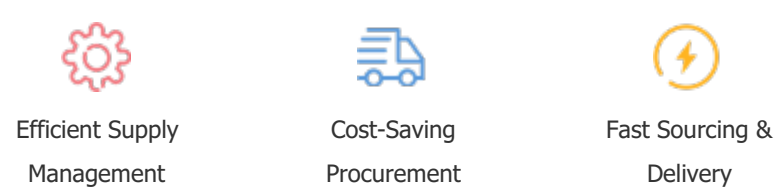
Contact us if you have any questions.

Payment Support

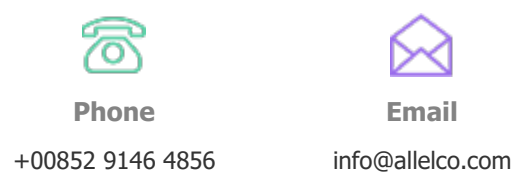
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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