



Image may be representation.
See specifications for product details.



SM6T220A

Manufacturer Part Number	SM6T220A
Manufacturer	STMicroelectronics
Allelco Part Number	32D-SM6T220A
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TVS DIODE 188VWM 388VC SMB
Package	DO-214AA, SMB
Data sheet	SM6T.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SM6T220A - STMicroelectronics.New Original in Stock. Download Linear Technology SM6T220A datasheet/specifications on AllelcoElec.com.
Request a quote for SM6T220A, please send us email: info@allelco.com

Specifications

SM6T220A Tech Specifications

SM6T220A - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Power - Peak Pulse	600W
Voltage - Reverse Standoff (Typ)	188V	Package / Case	DO-214AA, SMB
Voltage - Clamping (Max) @ Ipp	388V	Package	Tape & Reel (TR)
Voltage - Breakdown (Min)	209V	Operating Temperature	-55°C ~ 150°C (TJ)
Unidirectional Channels	1	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	10.3A (8/20µs)
Supplier Device Package	SMB (DO-214AA)	Capacitance @ Frequency	-
Series	SM6T, TRANSIL™	Base Product Number	SM6T220
Power Line Protection	No	Applications	General Purpose

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics SM6T220A

Product Attribute				
Part Number	SM6T220A	SM6T200A-E3/5B	SM6T22A-E3/5B	SM6T22A-E3/52
Manufacturer	STMicroelectronics	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Supplier Device Package	SMB (DO-214AA)	DO-214AA (SMBJ)	DO-214AA (SMBJ)	DO-214AA (SMBJ)
Operating Temperature	-55°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)
Series	SM6T, TRANSIL™	SM6T, TransZorb®	SM6T, TransZorb®	SM6T, TransZorb®
Voltage - Reverse Standoff (Typ)	188V	171V	18.8V	18.8V
Type	Zener	Zener	Zener	Zener
Voltage - Clamping (Max) @ Ipp	388V	274V	30.6V	30.6V
Power Line Protection	No	No	No	No
Voltage - Breakdown (Min)	209V	190V	20.9V	20.9V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	SM6T220	SM6T200	SM6T22	SM6T22
Unidirectional Channels	1	1	1	1
Capacitance @ Frequency	-	-	-	-
Package / Case	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB
Current - Peak Pulse (10/1000µs)	10.3A (8/20µs)	2.2A	20A	20A
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Power - Peak Pulse	600W	600W	600W	600W
Applications	General Purpose	General Purpose	General Purpose	General Purpose

SM6T220A Datasheet PDF

Download SM6T220A pdf datasheets and STMicroelectronics documentation for SM6T220A - STMicroelectronics.

HTML Datasheet

[SM6T.pdf](#)

Other Related Documents



















[SM6T View All Specifications.pdf](#)

PCN Design/Specification

[SM6T220A Die Des 26/Jan/2022.pdf](#)

Customers Also Interested in

Recommended Products

 life.augmented	 NO PICTURE				 life.augmented
SM6T200A-TR STMicroelectronics	SM6T20CA SUNMATE	SM6T200A-E3/5B Vishay General Semiconductor - Diodes Division TVS DIODE 171VWM 274VC DO214AA	SM6T200CA-E3 Electro-Films (EFI) / Vishay	SM6T22A-E3/5B Vishay General Semiconductor - Diodes Division TVS DIODE 18.8VWM 30.6VC DO214AA	SM6T200CA-TR STMicroelectronics
 life.augmented					 life.augmented
SM6T220A-TR STMicroelectronics	SM6T22A-E3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 18.8VWM 30.6VC DO214AA	SM6T200CA STMicroelectronics TVS DIODE 171VWM 353VC SMB	SM6T22A STMicroelectronics TVS DIODE 18.8VWM 30.6VC SMB	SM6T200A-E3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 171VWM 274VC DO214AA	SM6T200CA-E3/52T STMicroelectronics
	 NO PICTURE	 life.augmented	 life.augmented		
SM6T220CA-E3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 188VWM 328VC DO214AA	SM6T20A SUNMATE	SM6T220CR STMicroelectronics	SM6T220CA-TR STMicroelectronics	SM6T220CA STMicroelectronics TVS DIODE 188VWM 388VC SMB	SM6T220A-E3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 188VWM 328VC 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 -

 Efficient Supply Management
 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

 Phone
+00852 9146 4856
 Email
info@allelco.com

Certifications & Memberships



[View More](#)