Get a Quote



SM6T220A

ECAD Model

RoHs Status

SM6T220A Manufacturer Part Number

Manufacturer **STMicroelectronics**

Allelco Part Number 32D-SM6T220A

TVS DIODE 188VWM 388VC SMB Parts Description

DO-214AA, SMB Package

SM6T.pdf Data sheet ROHS3 Compliant

SM6T220A - STMicroelectronics.New Original in Stock. Download Linear Technology SM6T220A datasheet/specifications on AllelcoElec.com.

PCB Symbol, Footprint & 3D Mode

Request a quote for SM6T220A, please send us email: info@allelco.com



Image may be representation.

See specifications for product details.

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
Туре	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
Туре	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

 $Download \ SM6T220A \ pdf \ data sheets \ and \ STM icroelectronics \ documentation \ for \ SM6T220A \ - \ STM icroelectronics.$

HTML Datasheet

SM6T.pdf

Other Related Documents

SM6T View All Specifications.pdf

PCN Design/Specification

SM6T220A Die Des 26/Jan/2022.pdf

Recommended Products













SM6T200A-TR

STMicroelectronics

SM6T20CA

SUNMATE

SM6T200A-E3/5B

Vishay General Semiconductor -**Diodes Division** TVS DIODE 171VWM 274VC DO214AA



Electro-Films (EFI) / Vishay

Vishay General Semiconductor -**Diodes Division** TVS DIODE 18.8VWM 30.6VC

SM6T22A-E3/5B

DO214AA









SM6T200A-E3/52



SM6T220A-TR

STMicroelectronics



SM6T200CA

STMicroelectronics TVS DIODE 171VWM 353VC SMB



SM6T22A

STMicroelectronics

TVS DIODE 18.8VWM 30.6VC SMB

Vishay General Semiconductor -**Diodes Division** TVS DIODE 171VWM 274VC DO214AA



SM6T200CA-E3/52T

STMicroelectronics





life.augmented





SM6T220CA-E3/52

Vishay General Semiconductor -**Diodes Division** TVS DIODE 188VWM 328VC

DO214AA



SM6T20A

SM6T220CR SUNMATE STMicroelectronics life.augmented

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			
Oceania	New Zealand	7			
Asia	India	6			
noiu	Japan	7			
Middle East	Israel	6			

DHL & FedEx Shipment Charges Reference Reference DHL(USD\$) **Shipment charges(KG)** 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.









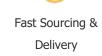
Your Faithful Supply Chain Partner -

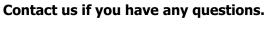


Management

























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