



Image may be representation.
See specifications for product details.



SM6T33CAY

Manufacturer Part Number	SM6T33CAY
Manufacturer	STMicroelectronics
Allelco Part Number	32D-SM6T33CAY
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TVS DIODE 28.2VWM 59VC SMB
Package	DO-214AA, SMB
Data sheet	SM6TY.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SM6T33CAY - STMicroelectronics.New Original in Stock. Download Linear Technology SM6T33CAY datasheet/specifications on AllelcoElec.com.
Request a quote for SM6T33CAY, please send us email: info@allelco.com

Specifications

SM6T33CAY Tech Specifications
SM6T33CAY - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package / Case	DO-214AA, SMB
Voltage - Reverse Standoff (Typ)	28.2V	Package	Tape & Reel (TR)
Voltage - Clamping (Max) @ Ipp	59V	Operating Temperature	-55°C ~ 150°C (TJ)
Voltage - Breakdown (Min)	31.4V	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	68A (8/20µs)
Supplier Device Package	SMB (DO-214AA)	Capacitance @ Frequency	-
Series	Automotive, AEC-Q101, SM6TY, TRANSIL™	Bidirectional Channels	1
Power Line Protection	No	Base Product Number	SM6T33
Power - Peak Pulse	600W	Applications	Automotive

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics SM6T33CAY

Product Attribute				
Part Number	SM6T33CAY	SM6T33A-E3/52	SM6T36A	SM6T36CAHE3/52
Manufacturer	STMicroelectronics	Vishay General Semiconductor - Diodes Division	STMicroelectronics	Vishay General Semiconductor - Diodes Division
Capacitance @ Frequency	-	-	-	-
Voltage - Breakdown (Min)	31.4V	31.4V	34.2V	34.2V
Package / Case	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB
Supplier Device Package	SMB (DO-214AA)	DO-214AA (SMBJ)	SMB (DO-214AA)	DO-214AA (SMBJ)
Bidirectional Channels	1	-	-	1
Power - Peak Pulse	600W	600W	600W	600W
Series	Automotive, AEC-Q101, SM6TY, TRANSIL™	SM6T, TransZorb®	SM6T, TRANSIL™	Automotive, AEC-Q101, SM6T, TransZorb®
Voltage - Reverse Standoff (Typ)	28.2V	28.2V	30.8V	30.8V
Applications	Automotive	General Purpose	General Purpose	Automotive
Current - Peak Pulse (10/1000µs)	68A (8/20µs)	13.1A	62A (8/20µs)	12A
Voltage - Clamping (Max) @ Ipp	59V	45.7V	64.3V	49.9V
Power Line Protection	No	No	No	No
Operating Temperature	-55°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)
Base Product Number	SM6T33	SM6T33	SM6T36	SM6T36
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Type	Zener	Zener	Zener	Zener
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

SM6T33CAY Datasheet PDF

Download SM6T33CAY pdf datasheets and STMicroelectronics documentation for SM6T33CAY - STMicroelectronics.

PCN Packaging

Box Label Chg 28/Jul/2016.pdf

PCN Assembly/Origin

Mult Dev Site Chg 14/Feb/2020.pdf



















HTML Datasheet

SM6TY.pdf

Other Related Documents

Customers Also Interested in

Recommended Products

					
SM6T33A-E3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 28.2VWM 45.7VC DO214AA	SM6T36A STMicroelectronics TVS DIODE 30.8VWM 64.3VC SMB	SM6T36CAHE3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 30.8VWM 49.9VC DO214AA	SM6T33A-TR STMicroelectronics	SM6T36AY STMicroelectronics TVS DIODE 30.8VWM 64.3VC SMB	SM6T30CA-TR STMicroelectronics
					
SM6T36A-E3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 30.8VWM 49.9VC DO214AA	SM6T36A/2 Electro-Films (EFI) / Vishay	SM6T33A STMicroelectronics TVS DIODE 28.2VWM 59VC SMB	SM6T36CA STMicroelectronics TVS DIODE 30.8VWM 64.3VC SMB	SM6T33CA-E3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 28.2VWM 45.7VC DO214AA	SM6T33CA STMicroelectronics TVS DIODE 28.2VWM 59VC SMB
					
SM6T33AY STMicroelectronics TVS DIODE 28.2VWM 59VC SMB	SM6T30CA STMicroelectronics TVS DIODE 25.6VWM 53.5VC SMB	SM6T33CA-E3 Electro-Films (EFI) / Vishay	SM6T33CA-TR STMicroelectronics	SM6T36AHE3/5B Vishay General Semiconductor - Diodes Division TVS DIODE 30.8VWM 49.9VC DO214AA	SM6T36CA-E3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 30.8VWM 49.9VC 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
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Contact us if you have any questions.

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Certifications & Memberships



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Contact us

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