



Image may be representation.  
See specifications for product details.



## SM15T33CA

Manufacturer Part Number	<b>SM15T33CA</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-SM15T33CA
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TVS DIODE 28.2VWM 59VC SMC
Package	DO-214AB, SMC
Data sheet	<b>SM15T.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

SM15T33CA - STMicroelectronics.New Original in Stock. Download Linear Technology SM15T33CA datasheet/specifications on AllelcoElec.com.  
Request a quote for SM15T33CA, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

SM15T33CA Tech Specifications  
SM15T33CA - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package / Case	DO-214AB, SMC
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)	169A (8/20µs)
Supplier Device Package	SMC	Capacitance @ Frequency	-
Series	SM15T, TRANSIL™	Bidirectional Channels	1
Power Line Protection	No	Base Product Number	SM15T33
Power - Peak Pulse	1500W (1.5kW)	Applications	General Purpose

## Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics SM15T33CA

Product Attribute				
Part Number	SM15T33CA	SM15T36A-E3/57T	SM15T33CA-E3/57T	SM15T36A
Manufacturer	STMicroelectronics	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	STMicroelectronics
Voltage - Reverse Standoff (Typ)	28.2V	30.8V	28.2V	30.8V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Power - Peak Pulse	1500W (1.5kW)	1500W (1.5kW)	1500W (1.5kW)	1500W (1.5kW)
Operating Temperature	-55°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Voltage - Breakdown (Min)	31.4V	34.2V	31.4V	34.2V
Current - Peak Pulse (10/1000µs)	169A (8/20µs)	30A	33A	156A (8/20µs)
Package / Case	DO-214AB, SMC	DO-214AB, SMC	DO-214AB, SMC	DO-214AB, SMC
Voltage - Clamping (Max) @ Ipp	59V	49.9V	45.7V	64.3V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Type	Zener	Zener	Zener	Zener
Series	SM15T, TRANSIL™	SM15T, TransZorb®	SM15T, TransZorb®	SM15T, TRANSIL™
Supplier Device Package	SMC	DO-214AB (SMCJ)	DO-214AB (SMCJ)	SMC
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Capacitance @ Frequency	-	-	-	-
Bidirectional Channels	1	-	1	-
Power Line Protection	No	No	No	No
Base Product Number	SM15T33	SM15T36	SM15T33	SM15T36

## SM15T33CA Datasheet PDF

Download SM15T33CA pdf datasheets and STMicroelectronics documentation for SM15T33CA - STMicroelectronics.

### PCN Assembly/Origin

Mult Dev Site Chg 14/Feb/2020.pdf

### HTML Datasheet



















SM15T.pdf

### Other Related Documents

SM15T View All Specifications.pdf

## Customers Also Interested in

## Recommended Products

 <b>SM15T36A-E3/57T</b> Vishay General Semiconductor - Diodes Division TVS DIODE 30.8VWM 49.9VC DO214AB	 <b>SM15T30A-TR</b> STMicroelectronics	 <b>SM15T33CA-E3/57</b> Electro-Films (EFI) / Vishay	 <b>SM15T33CA-E3/57T</b> Vishay General Semiconductor - Diodes Division TVS DIODE 28.2VWM 45.7VC DO214AB	 <b>SM15T36A</b> STMicroelectronics TVS DIODE 30.8VWM 64.3VC SMC	 <b>SM15T30CA-TR</b> STMicroelectronics
 <b>SM15T36A-E3/57</b> Electro-Films (EFI) / Vishay	 <b>SM15T30CA</b> STMicroelectronics TVS DIODE 25.6VWM 53.5VC SMC	 <b>SM15T33AY</b> STMicroelectronics TVS DIODE 28.2VWM 59VC SMC	 <b>SM15T36CA</b> STMicroelectronics TVS DIODE 30.8VWM 64.3VC SMC	 <b>SM15T33A</b> STMicroelectronics TVS DIODE 28.2VWM 59VC SMC	 <b>SM15T33CA-TR</b> STMicroelectronics
 <b>SM15T36CA-E3/57T</b> Vishay General Semiconductor - Diodes Division TVS DIODE 30.8VWM 49.9VC DO214AB	 <b>SM15T33A-E3/57</b> Electro-Films (EFI) / Vishay	 <b>SM15T30CA</b> STMicroelectronics TVS DIODE 25.6VWM 53.5VC SMC	 <b>SM15T33A-TR</b> STMicroelectronics	 <b>SM15T30A-E3/9AT</b> Vishay General Semiconductor - Diodes Division TVS DIODE 25.6VWM 41.5VC DO214AB	 <b>SM15T30CA-E3/57</b> Electro-Films (EFI) / Vishay

## 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

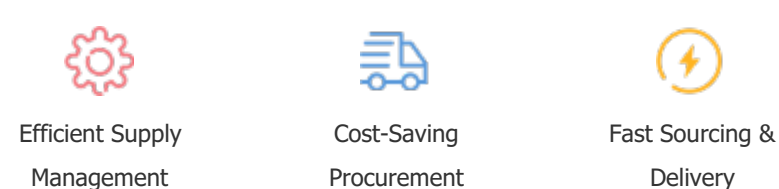
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

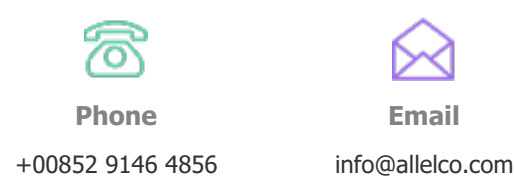
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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