



Image may be representation.  
See specifications for product details.



## SM15T33A

Manufacturer Part Number	<b>SM15T33A</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-SM15T33A
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**

SM15T33A - STMicroelectronics.New Original in Stock. Download Linear Technology SM15T33A datasheet/specifications on AllelcoElec.com.  
Request a quote for SM15T33A, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

SM15T33A Tech Specifications

SM15T33A - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Power - Peak Pulse	1500W (1.5kW)
Voltage - Reverse Standoff (Typ)	28.2V	Package / Case	DO-214AB, SMC
Voltage - Clamping (Max) @ Ipp	59V	Package	Tape & Reel (TR)
Voltage - Breakdown (Min)	31.4V	Operating Temperature	-55°C ~ 150°C (TJ)
Unidirectional Channels	1	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	169A (8/20µs)
Supplier Device Package	SMC	Capacitance @ Frequency	-
Series	SM15T, TRANSIL™	Base Product Number	SM15T33
Power Line Protection	No	Applications	General Purpose

## Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics SM15T33A

Product Attribute				
Part Number	SM15T33A	<b>SM15T30CA</b>	<b>SM15T33CA</b>	<b>SM15T30CAY</b>
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Power - Peak Pulse	1500W (1.5kW)	1500W (1.5kW)	1500W (1.5kW)	1500W (1.5kW)
Voltage - Clamping (Max) @ Ipp	59V	53.5V	59V	53.5V
Voltage - Breakdown (Min)	31.4V	28.5V	31.4V	28.5V
Type	Zener	Zener	Zener	Zener
Applications	General Purpose	General Purpose	General Purpose	Automotive
Voltage - Reverse Standoff (Typ)	28.2V	25.6V	28.2V	25.6V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Peak Pulse (10/1000µs)	169A (8/20µs)	187A (8/20µs)	169A (8/20µs)	187A (8/20µs)
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Package / Case	DO-214AB, SMC	DO-214AB, SMC	DO-214AB, SMC	DO-214AB, SMC
Unidirectional Channels	1	-	-	-
Base Product Number	SM15T33	SM15T30	SM15T33	SM15T30
Series	SM15T, TRANSIL™	SM15T, TRANSIL™	SM15T, TRANSIL™	Automotive, AEC-Q101, SM15TY, TRANSIL™
Capacitance @ Frequency	-	-	-	-
Supplier Device Package	SMC	SMC	SMC	SMC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Power Line Protection	No	No	No	No

## SM15T33A Datasheet PDF

Download SM15T33A pdf datasheets and STMicroelectronics documentation for SM15T33A - STMicroelectronics.

### PCN Packaging

[Box Label Chg 28/Jul/2016.pdf](#)

### 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



**SM15T30CA**

STMicroelectronics  
TVS DIODE 25.6VWM 53.5VC SMC



**SM15T33CA-E3/57**

Electro-Films (EFI) / Vishay



**SM15T30CA-E3/57**

Electro-Films (EFI) / Vishay



**SM15T27CA-TR**

STMicroelectronics



**SM15T33A-TR**

STMicroelectronics



**SM15T33CA**

STMicroelectronics  
TVS DIODE 28.2VWM 59VC SMC



**SM15T30CA-TR**

STMicroelectronics



**SM15T30A-TR**

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**SM15T30A**

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TVS DIODE 25.6VWM 53.5VC SMC



**SM15T36A**

STMicroelectronics  
TVS DIODE 30.8VWM 64.3VC SMC



**SM15T30A-E3/9AT**

Vishay General Semiconductor -  
Diodes Division  
TVS DIODE 25.6VWM 41.5VC  
DO214AB



**SM15T33A-E3/57**

Electro-Films (EFI) / Vishay



**SM15T36A-E3/57T**

Vishay General Semiconductor -  
Diodes Division  
TVS DIODE 30.8VWM 49.9VC  
DO214AB



**SM15T27CA-E3/57**

Electro-Films (EFI) / Vishay



**SM15T33AY**

STMicroelectronics  
TVS DIODE 28.2VWM 59VC SMC



**SM15T33CA-E3/57T**

Vishay General Semiconductor -  
Diodes Division  
TVS DIODE 28.2VWM 45.7VC  
DO214AB



**SM15T30A-E3/57**

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 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 -



Efficient Supply  
Management



Cost-Saving  
Procurement



Fast Sourcing &  
Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@alleco.com

## Certifications & Memberships



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