



Image may be representation.
See specifications for product details.



SM15T15A

Manufacturer Part Number	SM15T15A
Manufacturer	STMicroelectronics
Allelco Part Number	32D-SM15T15A
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TVS DIODE 12.8VWM 27.2VC SMC
Package	DO-214AB, SMC
Data sheet	SM15T.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SM15T15A - STMicroelectronics.New Original in Stock. Download Linear Technology SM15T15A datasheet/specifications on AllelcoElec.com.
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Specifications

SM15T15A Tech Specifications

SM15T15A - 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)	12.8V	Package / Case	DO-214AB, SMC
Voltage - Clamping (Max) @ Ipp	27.2V	Package	Tape & Reel (TR)
Voltage - Breakdown (Min)	14.3V	Operating Temperature	-55°C ~ 150°C (TJ)
Unidirectional Channels	1	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	368A (8/20µs)
Supplier Device Package	SMC	Capacitance @ Frequency	-
Series	SM15T, TRANSIL™	Base Product Number	SM15T15
Power Line Protection	No	Applications	General Purpose

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics SM15T15A

Product Attribute				
Part Number	SM15T15A	SM15T18A	SM15T15CA	SM15T12CA
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Supplier Device Package	SMC	SMC	SMC	SMC
Voltage - Clamping (Max) @ Ipp	27.2V	32.5V	27.2V	21.7V
Voltage - Breakdown (Min)	14.3V	17.1V	14.3V	11.4V
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Current - Peak Pulse (10/1000µs)	368A (8/20µs)	308A (8/20µs)	368A (8/20µs)	461A (8/20µs)
Capacitance @ Frequency	-	-	-	-
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Power Line Protection	No	No	No	No
Package / Case	DO-214AB, SMC	DO-214AB, SMC	DO-214AB, SMC	DO-214AB, SMC
Type	Zener	Zener	Zener	Zener
Power - Peak Pulse	1500W (1.5kW)	1500W (1.5kW)	1500W (1.5kW)	1500W (1.5kW)
Unidirectional Channels	1	1	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Reverse Standoff (Typ)	12.8V	15.3V	12.8V	10.2V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	SM15T15	SM15T18	SM15T15	SM15T12
Series	SM15T, TRANSIL™	SM15T, TRANSIL™	SM15T, TRANSIL™	SM15T, TRANSIL™

SM15T15A Datasheet PDF

Download SM15T15A pdf datasheets and STMicroelectronics documentation for SM15T15A - STMicroelectronics.

PCN Assembly/Origin

Mult Dev Site Chg 14/Feb/2020.pdf

HTML Datasheet


SM15T.pdf

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Recommended Products

 SM15T12CA-E3/57 Electro-Films (EFI) / Vishay	 SM15T18A STMicroelectronics TVS DIODE 15.3VWM 32.5VC SMC	 SM15T15CA STMicroelectronics TVS DIODE 12.8VWM 27.2VC SMC	 SM15T150A-TR STMicroelectronics	 SM15T12CA STMicroelectronics TVS DIODE 10.2VWM 21.7VC SMC	 SM15T150CA STMicroelectronics TVS DIODE 128VWM 265VC SMC
 SM15T150CA-TR STMicroelectronics	 SM15T13A SUNMATE	 SM15T15A-E3/9AT Vishay General Semiconductor - Diodes Division TVS DIODE 12.8VWM 21.2VC DO214AB	 SM15T150A STMicroelectronics	 SM15T150A-E3/57T Vishay General Semiconductor - Diodes Division TVS DIODE 128VWM 207VC DO214AB	 SM15T15A-E3/57T Vishay General Semiconductor - Diodes Division TVS DIODE 12.8VWM 21.2VC DO214AB
 SM15T12CA-E3/57T Vishay General Semiconductor - Diodes Division TVS DIODE 10.2VWM 16.7VC DO214AB	 SM15T15CA-E3/57 Electro-Films (EFI) / Vishay	 SM15T15A-TR STMicroelectronics	 SM15T15A-E3/57 Electro-Films (EFI) / Vishay	 SM15T15CA-TR STMicroelectronics	 SM15T12CA-TR STMicroelectronics

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:
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