



Image may be representation.
See specifications for product details.



SM15T18CA

Manufacturer Part Number	SM15T18CA
Manufacturer	STMicroelectronics
Allelco Part Number	32D-SM15T18CA
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TVS DIODE 15.3VWM 32.5VC SMC
Package	DO-214AB, SMC
Data sheet	SM15T.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SM15T18CA - STMicroelectronics.New Original in Stock. Download Linear Technology SM15T18CA datasheet/specifications on AllelcoElec.com.
Request a quote for SM15T18CA, please send us email: info@allelco.com

Specifications

SM15T18CA Tech Specifications
SM15T18CA - STMicroelectronics technical specifications, attributes, parameters

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

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics SM15T18CA

Product Attribute				
Part Number	SM15T18CA	SM15T200CA	SM15T220A	SM15T15A-E3/57T
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	Vishay General Semiconductor - Diodes Division
Voltage - Clamping (Max) @ Ipp	32.5V	353V	388V	21.2V
Base Product Number	SM15T18	SM15T200	SM15T220	SM15T15
Bidirectional Channels	1	1	-	-
Type	Zener	Zener	Zener	Zener
Supplier Device Package	SMC	SMC	SMC	DO-214AB (SMCJ)
Voltage - Reverse Standoff (Typ)	15.3V	171V	188V	12.8V
Power - Peak Pulse	1500W (1.5kW)	1500W (1.5kW)	1500W (1.5kW)	1500W (1.5kW)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Peak Pulse (10/1000µs)	308A (8/20µs)	28A (8/20µs)	26A (8/20µs)	71A
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)
Voltage - Breakdown (Min)	17.1V	190V	209V	14.3V
Power Line Protection	No	No	No	No
Package / Case	DO-214AB, SMC	DO-214AB, SMC	DO-214AB, SMC	DO-214AB, SMC
Series	SM15T, TRANSIL™	SM15T, TRANSIL™	SM15T, TRANSIL™	SM15T, TransZorb®
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Capacitance @ Frequency	-	-	-	-

SM15T18CA Datasheet PDF

Download SM15T18CA pdf datasheets and STMicroelectronics documentation for SM15T18CA - 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



SM15T15CA-E3/57

Electro-Films (EFI) / Vishay

SM15T200CA

STMicroelectronics
TVS DIODE 171VWM 353VC SMC

SM15T220A

STMicroelectronics
TVS DIODE 188VWM 388VC SMC

SM15T15A-E3/57

Electro-Films (EFI) / Vishay

SM15T15A-E3/57T

Vishay General Semiconductor -
Diodes Division
TVS DIODE 12.8VWM 21.2VC
DO214AB

SM15T220CA

STMicroelectronics
TVS DIODE 188VWM 388VC SMC



SM15T18A-TR

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SM15T15A-E3/9AT

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Diodes Division
TVS DIODE 12.8VWM 21.2VC
DO214AB

SM15T15A-TR

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SM15T1G

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TVS DIODE 15VWM 24VC SOT23-3



SM15T18CA-TR

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Electro-Films (EFI) / Vishay

SM15T15CA

STMicroelectronics
TVS DIODE 12.8VWM 27.2VC SMC

SM15T220CA-E3/9AT

Vishay General Semiconductor -
Diodes Division
TVS DIODE 188VWM 328VC
DO214AB

SM15T16A

SUNMATE

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

Contact us if you have any questions.



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Certifications & Memberships



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