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SM15T33A

ECAD Model

Package

RoHs Status

Manufacturer Part Number SM15T33A

Manufacturer STMicroelectronics

Allelco Part Number 32D-SM15T33A

Parts Description TVS DIODE 28.2VWM 59VC SMC

DO-214AB, SMC

ROHS3 Compliant

Data sheet SM15T.pdf

PCB Symbol, Footprint & 3D Mode

SM15T33A - STMicroelectronics.New Original in Stock. Download Linear Technology SM15T33A datasheet/specifications on AllelcoElec.com.

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Image may be representation.

See specifications for product details.

Specifications

SM15T33A Tech Specifications

SM15T33A - STMicroelectronics technical specifications, attributes, parameters

SHISTSSA STAIGIOGECTORICS Conficultoris, 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		
Туре	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

Part Number SMISTISIA					
Manufacture STMicroelectronics STMicroelectro	Product Attribute				
Power - Peak Pulse 1500W (15W) 1500W (15W) 1500W (15W) 1500W (15W) 1500W (15W) Voltage - Clampling (Max) @ 1pp 599 53.5Y 599 53.5Y Voltage - Breakdown (Min) 31.4V 28.5V 31.4V 28.5V Type Zenor Zenor Zenor Zenor Automotive Applications General Purpose General Purpose Automotive Voltage - Reverse Standoff (Typ) 26.7V 25.6V 26.7V 25.6V Package Tape & Rest (TR) 157A (8,20)e) 165A (8/20)e) 165A (8/20)e) 167A (8/20)e) <td>Part Number</td> <td>SM15T33A</td> <td>SM15T30CA</td> <td>SM15T33CA</td> <td>SM15T30CAY</td>	Part Number	SM15T33A	SM15T30CA	SM15T33CA	SM15T30CAY
Voltage - Clamping (Max) @ Ipp 59V 53.5V 59V 53.5V Voltage - Breakdown (Min) 31.4V 28.5V 21.4V 28.5V Type Zener Zener Zener Zener Zener Applications General Purpose General Purpose Automative Voltage - Reverse Standoff (Typ) 26.2V 25.6V 28.2V 25.6V Package Tape & Reel (TR) Tape & Reel (TR) Tape & Reel (TR) Tape & Reel (TR) Current - Peak Pulse (10/1000ps) 169A (8/20µs) 187A (8/20µs) 187A (8/20µs) 187A (8/20µs) Operating Temperature 55°C ~ 150°C (TD) -55°C ~ 150°C (TD) -55°C ~ 150°C (TD) -40°C ~ 150°C (TD) Package / Case DO 214AB, SMC DO 214AB, SMC DO 214AB, SMC DO 214AB, SMC Unidirectional Channels 1 - - - Series SM15T33 SM15T30 SM15T33 SM15T30 Series SM15T, TRANSIL™ SM15T, TRANSIL™ Automotive, AEC Q101, SM15TY, TRANSIL™ Capacitance @ Frequency - -	Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage - Breakdown (Min) 31.4V 28.5V 31.4V 28.5V Type Zener Zener Zener Zener Zener Zener Automotive Applications General Purpose General Purpose Automotive Automotive Voltage - Reverse Standoff (Typ) 28.2V 28.2V 25.6V Package Tape & Real (TR) Tape & Real (TR) Tape & Real (TR) Current - Peak Pulse (10/1000)ss) 169A (8/20µs) 187A (8/20µs) 187A (8/20µs) Operating Temperature 555°C ~ 150°C (TJ) -559°C ~ 150°C (TJ) -40°C ~ 150°C (TJ) Package / Case DO-214AB, SMC DO-214AB, SMC DO-214AB, SMC DO-214AB, SMC Unidar ectional Channels 1 - - - Base Product Number SM15T3 SM15T3 SM15T3 SM15T3 Series SM15T, TRANSIL** SM15T, TRANSIL** Automotive, AEC-Q101, SM15TY, TRANSIL** Capacitance @ Frequency - - - Supplier Device Package SMC SMC SMC	Power - Peak Pulse	1500W (1.5kW)	1500W (1.5kW)	1500W (1.5kW)	1500W (1.5kW)
Type Zener Automotive Applications General Purpose General Purpose Automotive 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 (10/1000ps) 169A (8/20ps) 187A (8/20	Voltage - Clamping (Max) @ Ipp	59V	53.5V	59V	53.5V
Applications General Purpose General Purpose General Purpose Automotive Voltage - Reverse Standoff (Typ) 28.2V 25.6V 28.2V 25.6V 28.2V 25.6V Package Tape & Reel (TR) Tape & R	Voltage - Breakdown (Min)	31.4V	28.5V	31.4V	28.5V
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) 169A (8/20µs) 187A (8/20µs) 187A (8/20µs) Operating Temperature -55°C ~ 150°C (TJ) -55°C ~ 150°C (TJ) -40°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 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	Туре	Zener	Zener	Zener	Zener
Package 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 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 Mounting Type Surface Mount Surface Mount Surface Mount Surface Mount	Applications	General Purpose	General Purpose	General Purpose	Automotive
Current - Peak Pulse (10/1000µs) 169A (8/20µs) 169A (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 SM15T33 SM15T30 Series SM15T, TRANSIL™ SM15T, TRANSIL™ SM15T, TRANSIL™ Automotive, AEC-Q101, SM15TY, TRANSIL™ Capacitance @ Frequency - - - Supplier Device Package SMC SMC SMC Mounting Type Surface Mount Surface Mount Surface Mount Surface Mount	Voltage - Reverse Standoff (Typ)	28.2V	25.6V	28.2V	25.6V
Operating Temperature -55°C ~ 150°C (TJ) -55°C ~ 150°C (TJ) -40°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™ Automotive, AEC-Q101, SM15TY, TRANSIL™ Capacitance @ Frequency - - - Supplier Device Package SMC SMC SMC Mounting Type Surface Mount Surface Mount Surface Mount Surface Mount	Package	Tape & Reel (TR)			
Package / Case DO-214AB, SMC SM15T33 SM15T30 SM15T30 SM15T30 SM15T30 SM15T30 SM15T, TRANSIL™ SM15T, TRANSIL™ Automotive, AEC-Q101, SM15TY, TRANSIL™ Capacitance @ Frequency	Current - Peak Pulse (10/1000μs)	169A (8/20μs)	187A (8/20μs)	169A (8/20μs)	187A (8/20μs)
Unidirectional Channels 1	Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Base Product Number SM15T33 SM15T30 SM15T30 SM15T33 SM15T30 SM15T, TRANSIL™ SM15T, TRANSIL™ SM15T, TRANSIL™ Capacitance © Frequency Supplier Device Package SMC SMC SMC SMC SMC SMC SMC SM	Package / Case	DO-214AB, SMC	DO-214AB, SMC	DO-214AB, SMC	DO-214AB, SMC
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	Unidirectional Channels	1	-	-	-
Capacitance @ Frequency Supplier Device Package SMC SMC SMC SMC SMC SMC SMC SM	Base Product Number	SM15T33	SM15T30	SM15T33	SM15T30
Supplier Device Package SMC SMC SMC SMC SMC SMC Mounting Type Surface Mount Surface Mount Surface Mount Surface Mount	Series	SM15T, TRANSIL™	SM15T, TRANSIL™	SM15T, TRANSIL™	Automotive, AEC-Q101, SM15TY, TRANSIL™
Mounting Type Surface Mount Surface Mount Surface Mount Surface Mount Surface Mount	Capacitance @ Frequency	-	-	-	-
	Supplier Device Package	SMC	SMC	SMC	SMC
Power Line Protection No No No	Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
	Power Line Protection	No	No	No	No

SM15T33A Datasheet PDF

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



SM15T27CA-E3/57

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SM15T33CA-E3/57T

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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 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			
America	Brazil	7			
	Germany	5			
Europe	United Kingdom	4			
	Italy	5			
Occaria	Australia	6			
Oceania	New Zealand	7			
Acia	India	6			
Asia	Japan	7			
Middle East	Israel	6			

Common Countries Logistic Time Reference

DHL & FedEx Shipment Charges Reference Shipment charges(KG) Reference DHL(USD\$) USD\$60.00 0.00kg-1.00kg 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 -



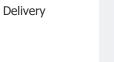




Procurement

Contact us if you have any questions.



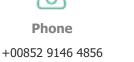












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