

SM6T36AY

Data sheet

Manufacturer Part Number SM6T36AY

Manufacturer STMicroelectronics

Allelco Part Number 32D-SM6T36AY

ECAD Model

PCB Symbol, Footprint
& 3D Mode

Parts Description TVS DIODE 30.8VWM 64.3VC SMB

SM6TY.pdf

Package DO-214AA, SMB

RoHs Status ROHS3 Compliant

Get a Quote



Image may be representation.

See specifications for product details.

SM6T36AY - STMicroelectronics.New Original in Stock. Download Linear Technology SM6T36AY datasheet/specifications on AllelcoElec.com.

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Specifications

SM6T36AY Tech Specifications

SM6T36AY - STMicroelectronics technical specifications, attributes, parameters

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Product Attribute	Attribute Value	Product Attribute	Attribute Value	
Manufacturer	STMicroelectronics	Power - Peak Pulse	600W	
Voltage - Reverse Standoff (Typ)	30.8V	Package / Case	DO-214AA, SMB	
Voltage - Clamping (Max) @ Ipp	64.3V	Package	Tape & Reel (TR)	
Voltage - Breakdown (Min)	34.2V	Operating Temperature	-55°C ~ 150°C (TJ)	
Unidirectional Channels	1	Mounting Type	Surface Mount	
Туре	Zener	Current - Peak Pulse (10/1000µs)	62A (8/20µs)	
Supplier Device Package	SMB (DO-214AA)	Capacitance @ Frequency	-	
Series	Automotive, AEC-Q101, SM6TY, TRANSIL™	Base Product Number	SM6T36	
Power Line Protection	No	Applications	Automotive	

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics SM6T36AY

Product Attribute				
Part Number	SM6T36AY	SM6T33CAY	SM6T36CA	SM6T36A-E3/52
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	Vishay General Semiconductor - Diodes Division
Power Line Protection	No	No	No	No
Supplier Device Package	SMB (DO-214AA)	SMB (DO-214AA)	SMB (DO-214AA)	DO-214AA (SMBJ)
Туре	Zener	Zener	Zener	Zener
Series	Automotive, AEC-Q101, SM6TY, TRANSIL™	Automotive, AEC-Q101, SM6TY, TRANSIL™	SM6T, TRANSIL™	SM6T, TransZorb®
Power - Peak Pulse	600W	600W	600W	600W
Capacitance @ Frequency	-	-	-	-
Voltage - Breakdown (Min)	34.2V	31.4V	34.2V	34.2V
Voltage - Clamping (Max) @ Ipp	64.3V	59V	64.3V	49.9V
Voltage - Reverse Standoff (Typ)	30.8V	28.2V	30.8V	30.8V
Base Product Number	SM6T36	SM6T33	SM6T36	SM6T36
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Unidirectional Channels	1	-	-	1
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Peak Pulse (10/1000μs)	62A (8/20µs)	68A (8/20µs)	62A (8/20µs)	12A
Package / Case	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB
Applications	Automotive	Automotive	General Purpose	General Purpose

SM6T36AY Datasheet PDF

Download SM6T36AY pdf datasheets and STMicroelectronics documentation for SM6T36AY - STMicroelectronics.

PCN Packaging

2.73KHz.pdf

PCN Assembly/Origin

2.73KHz.pdf

HTML Datasheet

SM6TY.pdf

Other Related Documents

Customers Also Interested in

Recommended Products



SM6T33CAY STMicroelectronics

TVS DIODE 28.2VWM 59VC SMB



STMicroelectronics TVS DIODE 30.8VWM 64.3VC SMB

SM6T36CA



SM6T36A-E3/52

Vishay General Semiconductor -**Diodes Division** TVS DIODE 30.8VWM 49.9VC DO214AA



SM6T33CA

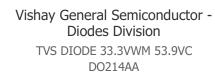
STMicroelectronics TVS DIODE 28.2VWM 59VC SMB



SM6T36A-TR

STMicroelectronics





SM6T39A-E3/52



SM6T36CAHE3/5B

Vishay General Semiconductor -**Diodes Division** TVS DIODE 30.8VWM 49.9VC DO214AA



SM6T36A/2

Electro-Films (EFI) / Vishay



SM6T33CA-E3

Electro-Films (EFI) / Vishay



SM6T33CA-TR

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SM6T36CA-E3/52

Vishay General Semiconductor -**Diodes Division** TVS DIODE 30.8VWM 49.9VC DO214AA



SM6T36A

STMicroelectronics TVS DIODE 30.8VWM 64.3VC SMB



SM6T36CAY

STMicroelectronics TVS DIODE 30.8VWM 64.3VC SMB



SM6T36AHE3/5B

Vishay General Semiconductor -**Diodes Division** TVS DIODE 30.8VWM 49.9VC DO214AA



SM6T36CAHE3/52

Vishay General Semiconductor -**Diodes Division** TVS DIODE 30.8VWM 49.9VC DO214AA



SM6T39A

STMicroelectronics TVS DIODE 33.3VWM 69.7VC SMB



SM6T33CA-E3/52

Vishay General Semiconductor -**Diodes Division** TVS DIODE 28.2VWM 45.7VC DO214AA



SM6T39A-E3/5B

Vishay General Semiconductor -**Diodes Division** TVS DIODE 33.3VWM 53.9VC DO214AA

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		
Oceania	Australia	6		
Oceania	New Zealand	7		
Asia	India	6		
noid	Japan	7		
Middle East	Israel	6		

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 -



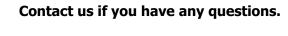




Procurement









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