



Image may be representation.  
See specifications for product details.



## SM6T36AY

Manufacturer Part Number	<b>SM6T36AY</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-SM6T36AY
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	TVS DIODE 30.8VWM 64.3VC SMB
Package	DO-214AA, SMB
Data sheet	<b>SM6TY.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

SM6T36AY - STMicroelectronics.New Original in Stock. Download Linear Technology SM6T36AY datasheet/specifications on AllelcoElec.com.  
Request a quote for SM6T36AY, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

SM6T36AY Tech Specifications  
SM6T36AY - STMicroelectronics technical specifications, attributes, parameters

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
Type	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)
Type	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



SM6TY View All Specifications.pdf

## Customers Also Interested in

### Recommended Products



#### SM6T33CAAY

STMicroelectronics  
TVS DIODE 28.2VWM 59VC SMB



#### SM6T36CA

STMicroelectronics  
TVS DIODE 30.8VWM 64.3VC SMB



#### 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

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



#### 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



#### SM6T36CAAY

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 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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