



Image may be representation.
See specifications for product details.



P6SMB33CAT3G

Manufacturer Part Number	P6SMB33CAT3G
Manufacturer	onsemi
Allelco Part Number	32D-P6SMB33CAT3G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TVS DIODE 28.2VWM 45.7VC SMB
Package	DO-214AA, SMB
Data sheet	P6SMB33CAT3G.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

P6SMB33CAT3G - onsemi.New Original in Stock. Download Linear Technology P6SMB33CAT3G datasheet/specifications on AllelcoElec.com.
Request a quote for P6SMB33CAT3G, please send us email: info@allelco.com

Specifications

P6SMB33CAT3G Tech Specifications

P6SMB33CAT3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	DO-214AA, SMB
Voltage - Reverse Standoff (Typ)	28.2V	Package	Bulk
Voltage - Clamping (Max) @ Ipp	45.7V	Operating Temperature	-65°C ~ 150°C (TJ)
Voltage - Breakdown (Min)	31.4V	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	13.2A
Supplier Device Package	SMB	Capacitance @ Frequency	305pF @ 1MHz
Series	P6SMB	Bidirectional Channels	1
Power Line Protection	No	Base Product Number	P6SMB
Power - Peak Pulse	600W	Applications	General Purpose

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi P6SMB33CAT3G

Product Attribute				
Part Number	P6SMB33CAT3G	P6SMB350A	P6SMB350CA	P6SMB33CA
Manufacturer	onsemi	Diotec Semiconductor	Diotec Semiconductor	Eaton - Electronics Division
Power - Peak Pulse	600W	600W	600W	600W
Current - Peak Pulse (10/1000µs)	13.2A	1.2A	1.2A	13.3A
Package / Case	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB
Capacitance @ Frequency	305pF @ 1MHz	-	-	-
Applications	General Purpose	General Purpose	General Purpose	Telecom
Supplier Device Package	SMB	DO-214AA (SMB)	DO-214AA (SMB)	SMB
Bidirectional Channels	1	-	1	1
Voltage - Clamping (Max) @ Ipp	45.7V	482V	482V	45.7V
Voltage - Reverse Standoff (Typ)	28.2V	300V	300V	28.2V
Package	Bulk	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Series	P6SMB	-	-	P6SMB
Voltage - Breakdown (Min)	31.4V	332V	332V	31.4V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Power Line Protection	No	No	No	No
Operating Temperature	-65°C ~ 150°C (TJ)	-50°C ~ 150°C (TJ)	-50°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Base Product Number	P6SMB	-	-	-
Type	Zener	Zener	Zener	Zener

Customers Also Interested in

Recommended Products

P6SMB350A Diotec Semiconductor TVS SMB 300V 600W UNI	P6SMB350CA Diotec Semiconductor TVS SMB 300V 600W BI	P6SMB33CA Eaton - Electronics Division TVS DIODE 28.2VWM 45.7VC SMB	P6SMB350CA Eaton - Electronics Division TVS DIODE 300VWM 482VC SMB	P6SMB33CA Meritek TVS DIODE 28.2VWM 45.7VC	P6SMB33CAHE3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 28.2VWM 45.7VC DO214AA
P6SMB33CAHE3_A/H Vishay General Semiconductor - Diodes Division TVS DIODE 28.2VWM 45.7VC	P6SMB33CAHE3/5B Vishay General Semiconductor - Diodes Division TVS DIODE 28.2VWM 45.7VC	P6SMB33CAT3G Littelfuse Inc. TVS DIODE 28.2VWM 45.7VC SMB	P6SMB350A Bourns Inc. TVS DIODE 300VWM 482VC DO214AA	P6SMB33CA Taiwan Semiconductor Corporation TVS DIODE 28.2VWM 45.7VC	P6SMB350A-E3/52 Vishay General Semiconductor - Diodes Division TVS DIODE 300VWM 482VC

DO214AA

**P6SMB350A**Meritek
TVS DIODE 299.3VWM 482VC

DO214AA

**P6SMB350A**Littelfuse Inc.
TVS DIODE 300VWM 482VC
DO214AA

DO214AA

**P6SMB33CA**Bourns Inc.
TVS DIODE 28.2VWM 45.7VC
DO214AA

DO214AA

**P6SMB33CA**Littelfuse Inc.
TVS DIODE 28.2VWM 45.7VC
DO214AA

DO214AA

**P6SMB350A**Eaton - Electronics Division
TVS DIODE 300VWM 482VC SMB

DO214AA

**P6SMB33CA**Yangzhou Yangjie Electronic
Technology Co.,Ltd
TVS DIODE 28.2VWM 45.7VC
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
	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@allelco.com

Certifications & Memberships



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ALLELCO LIMITED
WWW.ALLELCOELEC.COM

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com

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