

Image may be representation.
See specifications for product details.



SMS05CT1G

Manufacturer Part Number	SMS05CT1G
Manufacturer	onsemi
Allelco Part Number	32D-SMS05CT1G
ECAD Model	Request Free CAD Models
Parts Description	TVS DIODE 5VWM 14.5VC 6TSOP
Package	SOT-23-6 Thin, TSOT-23-6
Data sheet	SMS05C, 12C, 15C, 24C.pdf SMS05C, 12C, 15C, 24C.pdf
RoHs Status	ROHS3 Compliant

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SMS05CT1G - onsemi. New Original in Stock. Download Linear Technology SMS05CT1G datasheet/specifications on AllelcoElec.com.
Request a quote for SMS05CT1G, please send us email: info@allelco.com

Specifications

SMS05CT1G Tech Specifications

SMS05CT1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Power - Peak Pulse	350W
Voltage - Reverse Standoff (Typ)	5V (Max)	Package / Case	SOT-23-6 Thin, TSOT-23-6
Voltage - Clamping (Max) @ Ipp	14.5V	Package	Tape & Reel (TR)
Voltage - Breakdown (Min)	6.2V	Operating Temperature	-40°C ~ 150°C (TJ)
Unidirectional Channels	5	Mounting Type	Surface Mount
Type	Zener	Current - Peak Pulse (10/1000µs)	24A (8/20µs)
Supplier Device Package	6-TSOP	Capacitance @ Frequency	260pF @ 1MHz
Series	-	Base Product Number	SMS05
Power Line Protection	No	Applications	General Purpose

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi SMS05CT1G

Product Attribute				
Part Number	SMS05CT1G	SMS05.TCT	SMS05C.TCT	SMS05T1G
Manufacturer	onsemi	Semtech Corporation	Semtech Corporation	onsemi
Power - Peak Pulse	350W	350W	300W	350W
Type	Zener	Zener	Zener	Zener
Series	-	SMS	SMS	-
Voltage - Clamping (Max) @ Ipp	14.5V	14.5V	14.5V	15.5V
Base Product Number	SMS05	SMS05	SMS05	SMS05
Power Line Protection	No	No	No	No
Operating Temperature	-40°C ~ 150°C (TJ)	-55°C ~ 125°C (TJ)	-55°C ~ 125°C (TJ)	-55°C ~ 150°C (TJ)
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Breakdown (Min)	6.2V	6V	6V	6V
Package / Case	SOT-23-6 Thin, TSOT-23-6	SOT-23-6	SOT-23-6	SC-74, SOT-457
Capacitance @ Frequency	260pF @ 1MHz	325pF @ 1MHz	325pF @ 1MHz	250pF @ 1MHz
Voltage - Reverse Standoff (Typ)	5V (Max)	5V (Max)	5V (Max)	5V
Unidirectional Channels	5	4	5	4
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Peak Pulse (10/1000µs)	24A (8/20µs)	24A (8/20µs)	24A (8/20µs)	23A (8/20µs)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	6-TSOP	SOT-23-6	SOT-23-6	SC-74

SMS05CT1G Datasheet PDF

Download SMS05CT1G pdf datasheets and onsemi documentation for SMS05CT1G - onsemi.

Datasheets

[SMS05C, 12C, 15C, 24C.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)



















[Material Declaration SMS05CT1G.pdf](#)

HTML Datasheet

[SMS05C, 12C, 15C, 24C.pdf](#)

Customers Also Interested in

Recommended Products

					
SMS-R200-1.0 Isabellenhuetten USA RES 0.2 OHM 1% 5W 2512	SMS05.TCT Semtech Corporation TVS DIODE 5VWM 14.5VC SOT23-6	SMS04.TC Semtech	SMS1100 Diotec Semiconductor DIODE SCHOT 100V 1A MELF DO213AB	SMS0610 SECOS	SMS05C.TC Semtech
					
SMS1130 SIANO	SMS05C.TCT Semtech Corporation TVS DIODE 5VWM 14.5VC SOT23-6	SMS1046-00 AI	SMS05T1G onsemi TVS DIODE 5VWM 15.5VC SC74	SMS1130T SIANO	SMS05C PROTEK
					
SMS1130-EM SIANO	SMS1010 SIANO	SMS03.TCT Semtech	SMS03.TC Semtech	SMS1043-999 AI	SMS05.TC Semtech

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.



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-  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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