



Image may be representation.
See specifications for product details.



SBAS116LT1G

Manufacturer Part Number	SBAS116LT1G
Manufacturer	onsemi
Allelco Part Number	32D-SBAS116LT1G
ECAD Model	Request Free CAD Models
Parts Description	DIODE GEN PURP 75V 200MA SOT23-3
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	BAS116LT.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SBAS116LT1G - onsemi.New Original in Stock. Download Linear Technology SBAS116LT1G datasheet/specifications on AllelcoElec.com.
Request a quote for SBAS116LT1G, please send us email: info@allelco.com

Specifications

SBAS116LT1G Tech Specifications
SBAS116LT1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	TO-236-3, SC-59, SOT-23-3
Voltage - Forward (Vf) (Max) @ If	1.25 V @ 150 mA	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	75 V	Operating Temperature - Junction	-55°C ~ 150°C
Technology	Standard	Mounting Type	Surface Mount
Supplier Device Package	SOT-23-3 (TO-236)	Current - Reverse Leakage @ Vr	5 nA @ 75 V
Speed	Small Signal =< 200mA (Io), Any Speed	Current - Average Rectified (Io)	200mA
Series	-	Capacitance @ Vr, F	2pF @ 0V, 1MHz
Reverse Recovery Time (trr)	3 μs	Base Product Number	SBAS116

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi SBAS116LT1G

Product Attribute				
Part Number	SBAS116LT1G	SBAS20HT1G	SBAS16LT1G	SBAS20LT1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Forward (Vf) (Max) @ If	1.25 V @ 150 mA	1.25 V @ 200 mA	1.25 V @ 150 mA	1.25 V @ 200 mA
Package / Case	TO-236-3, SC-59, SOT-23-3	SC-76, SOD-323	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	SBAS116	SBAS20	SBAS16	SBAS20
Series	-	Automotive, AEC-Q101	Automotive, AEC-Q101	-
Supplier Device Package	SOT-23-3 (TO-236)	SOD-323	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)
Voltage - DC Reverse (Vr) (Max)	75 V	200 V	100 V	200 V
Current - Reverse Leakage @ Vr	5 nA @ 75 V	1 μA @ 200 V	1 μA @ 100 V	100 nA @ 150 V
Technology	Standard	Standard	Standard	Standard
Speed	Small Signal =< 200mA (Io), Any Speed	Small Signal =< 200mA (Io), Any Speed	Small Signal =< 200mA (Io), Any Speed	Small Signal =< 200mA (Io), Any Speed
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Capacitance @ Vr, F	2pF @ 0V, 1MHz	5pF @ 0V, 1MHz	2pF @ 0V, 1MHz	5pF @ 0V, 1MHz
Reverse Recovery Time (trr)	3 μs	50 ns	6 ns	50 ns
Operating Temperature - Junction	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C
Current - Average Rectified (Io)	200mA	200mA	200mA	200mA

SBAS116LT1G Datasheet PDF

Download SBAS116LT1G pdf datasheets and onsemi documentation for SBAS116LT1G - onsemi.

Datasheets

[BAS116LT.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Design/Specification



















[SOT23 27/Sep/2016.pdf](#)

PCN Assembly/Origin

[Compound Qual 14/Jun/2019.pdf](#)

Customers Also Interested in

Recommended Products

					
SBA5089Z RFMD	SBAS16DXV6T1G Fairchild Semiconductor BAS16DXV6 - DUAL SWITCHING DIODE	SBAS20HT1G onsemi DIODE GEN PURP 200V 200MA SOD323	SBAS16LT1G onsemi DIODE GP 100V 200MA SOT23-3	SBA5086Z RFMD	SBA530AF PANJIT
					
SBAS20LT1G onsemi DIODE GP 200V 200MA SOT23-3	SBAS16XV2T1G onsemi DIODE GEN PURP 100V 200MA SOD523	SBAS16WT1G onsemi DIODE GEN PURP 75V 200MA SC70-3	SBA5089 ITT	SBAS16HT3G onsemi DIODE GEN PURP 100V 200MA SOD323	SBAS16DXV6T1G onsemi DIODE ARRAY GP 100V 200MA SOT563
					
SBA5089ZSR SIRENZA	SBAS16LT3G onsemi DIODE GP 100V 200MA SOT23-3	SBA500AA80 SanRex Corporation THYRISTOR MODULE 800V 500A	SBA540AF PANJIT	SBAS16HT1G onsemi DIODE GEN PURP 100V 200MA SOD323	SBA5086 SIRENZA

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.

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Certifications & Memberships



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