



Image may be representation.  
See specifications for product details.



## SBAS20HT1G

Manufacturer Part Number	<b>SBAS20HT1G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-SBAS20HT1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE GEN PURP 200V 200MA SOD323
Package	SC-76, SOD-323
Data sheet	<b>BAS20HT1(G).pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

SBAS20HT1G - onsemi.New Original in Stock. Download Linear Technology SBAS20HT1G datasheet/specifications on AllelcoElec.com.  
Request a quote for SBAS20HT1G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

SBAS20HT1G Tech Specifications  
SBAS20HT1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	SC-76, SOD-323
Voltage - Forward (Vf) (Max) @ If	1.25 V @ 200 mA	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	200 V	Operating Temperature - Junction	-55°C ~ 150°C
Technology	Standard	Mounting Type	Surface Mount
Supplier Device Package	SOD-323	Current - Reverse Leakage @ Vr	1 µA @ 200 V
Speed	Small Signal =< 200mA (Io), Any Speed	Current - Average Rectified (Io)	200mA
Series	Automotive, AEC-Q101	Capacitance @ Vr, F	5pF @ 0V, 1MHz
Reverse Recovery Time (trr)	50 ns	Base Product Number	SBAS20

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi SBAS20HT1G

Product Attribute				
Part Number	SBAS20HT1G	SBAS16XV2T1G	SBAS116LT1G	SBAS21LT1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Current - Reverse Leakage @ Vr	1 µA @ 200 V	1 µA @ 100 V	5 nA @ 75 V	100 nA @ 200 V
Supplier Device Package	SOD-323	SOD-523	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)
Voltage - Forward (Vf) (Max) @ If	1.25 V @ 200 mA	1.25 V @ 150 mA	1.25 V @ 150 mA	1.25 V @ 200 mA
Series	Automotive, AEC-Q101	Automotive, AEC-Q100	-	-
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
Package / Case	SC-76, SOD-323	SC-79, SOD-523	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Average Rectified (Io)	200mA	200mA	200mA	200mA
Base Product Number	SBAS20	SBAS16	SBAS116	SBAS21
Reverse Recovery Time (trr)	50 ns	6 ns	3 µs	50 ns
Capacitance @ Vr, F	5pF @ 0V, 1MHz	2pF @ 0V, 1MHz	2pF @ 0V, 1MHz	5pF @ 0V, 1MHz
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	200 V	100 V	75 V	250 V
Technology	Standard	Standard	Standard	Standard
Operating Temperature - Junction	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C

### SBAS20HT1G Datasheet PDF

Download SBAS20HT1G pdf datasheets and onsemi documentation for SBAS20HT1G - onsemi.

#### Datasheets

[BAS20HT1\(G\).pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### PCN Assembly/Origin

[Multi Devices 06/Jun/2017.pdf](#)

### Customers Also Interested in

#### Recommended Products



**SBAS16XV2T1G**

onsemi  
DIODE GEN PURP 100V 200MA  
SOD523



**SBAS40-06LT1G**

onsemi  
DIODE ARRAY SCHOTTKY 40V  
SOT23



**SBAS21DW5T1G**

onsemi  
DIODE ARRAY GP 250V 200MA  
SC88A



**SBAS116LT1G**

onsemi  
DIODE GEN PURP 75V 200MA  
SOT23-3



**SBAS40-04LT1G**

onsemi  
DIODE ARRAY SCHOTTKY 40V  
SOT23



**SBAS16DXV6T1G**

Fairchild Semiconductor  
BAS16DXV6 - DUAL SWITCHING  
DIODE



**SBAS21LT1G**

onsemi  
DIODE GP 250V 200MA SOT23-3



**SBAS16DXV6T1G**

onsemi  
DIODE ARRAY GP 100V 200MA  
SOT563



**SBAS16LT3G**

onsemi  
DIODE GP 100V 200MA SOT23-3



**SBAS20LT1G**

onsemi  
DIODE GP 200V 200MA SOT23-3



**SBAS16LT1G**

onsemi  
DIODE GP 100V 200MA SOT23-3



**SBAS70-04LT1G**

onsemi  
DIODE SCHOTTKY 70V DUAL SOT23



**SBAS16WT1G**

onsemi  
DIODE GEN PURP 75V 200MA SC70-3



**SBAS21LT3G**

onsemi  
DIODE GP 250V 200MA SOT23-3



**SBAS40LT1G**

onsemi  
DIODE SCHOTTKY 40V 120MA  
SOT23-3



**SBAS21DW5T3G**

onsemi  
DIODE ARRAY 250V 200MA SC88A



**SBAS16HT1G**

onsemi  
DIODE GEN PURP 100V 200MA  
SOD323



**SBAS16HT3G**

onsemi  
DIODE GEN PURP 100V 200MA  
SOD323

**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**



[View More](#)

**Contact us**

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