

Image may be representation.
See specifications for product details.



BAS20HT1G

Manufacturer Part Number	BAS20HT1G
Manufacturer	onsemi
Allelco Part Number	32D-BAS20HT1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE GEN PURP 200V 200MA SOD323
Package	SC-76, SOD-323
Data sheet	BAS20HT1(G).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BAS20HT1G - onsemi.New Original in Stock. Download Linear Technology BAS20HT1G datasheet/specifications on AllelcoElec.com.
Request a quote for BAS20HT1G, please send us email: info@allelco.com

Specifications

BAS20HT1G Tech Specifications

BAS20HT1G - 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	-	Capacitance @ Vr, F	5pF @ 0V, 1MHz
Reverse Recovery Time (trr)	50 ns	Base Product Number	BAS20

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi BAS20HT1G

Product Attribute				
Part Number	BAS20HT1G	BAS20LT1G	BAS20W	BAS20-7-F
Manufacturer	onsemi	onsemi	Taiwan Semiconductor Corporation	Diodes Incorporated
Supplier Device Package	SOD-323	SOT-23-3 (TO-236)	SOT-323	SOT-23F
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	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	200 V	200 V	150 V	150 V
Base Product Number	BAS20	BAS20	BAS20	BAS20
Capacitance @ Vr, F	5pF @ 0V, 1MHz	5pF @ 0V, 1MHz	5pF @ 0V, 1MHz	5pF @ 0V, 1MHz
Current - Average Rectified (Io)	200mA	200mA	200mA	200mA
Current - Reverse Leakage @ Vr	1 µA @ 200 V	100 nA @ 150 V	100 nA @ 150 V	100 nA @ 150 V
Series	-	-	-	-
Voltage - Forward (Vf) (Max) @ If	1.25 V @ 200 mA	1.25 V @ 200 mA	1.25 V @ 100 mA	1.25 V @ 200 mA
Technology	Standard	Standard	Standard	Standard
Reverse Recovery Time (trr)	50 ns	50 ns	50 ns	50 ns
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature - Junction	-55°C ~ 150°C	-55°C ~ 150°C	125°C	-65°C ~ 150°C
Package / Case	SC-76, SOD-323	TO-236-3, SC-59, SOT-23-3	SC-70, SOT-323	SOT-23-3 Flat Leads

BAS20HT1G Datasheet PDF

Download BAS20HT1G pdf datasheets and onsemi documentation for BAS20HT1G - onsemi.

Datasheets

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

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Design/Specification



















[Copper Wire 08/Jun/2009.pdf](#)

PCN Assembly/Origin

[Mult Dev 25/Mar/2020.pdf](#)

Customers Also Interested in

Recommended Products

 BAS20LT1G onsemi DIODE GP 200V 200MA SOT23-3	 BAS20DW-7 Diodes Incorporated DIODE ARRAY GP 150V 200MA SOT363	 BAS20H AMI Semiconductor/onsemi	 BAS20W Taiwan Semiconductor Corporation SOT-323, 150V, 0.2A, SWITCHING D	 BAS20-7-F Diodes Incorporated DIODE GEN PURP 150V 200MA SOT23F	 BAS20TA ZETEX
 BAS2003A E6327 Cypress Semiconductor (Infineon Technologies)	 BAS20HT1 onsemi DIODE GEN PURP 200V 200MA SOD323	 BAS20W-7 Diodes Incorporated DIODE GEN PURP 150V 200MA SOT323	 BAS20 E-6327 Cypress Semiconductor (Infineon Technologies)	 BAS20 FSC FSC	 BAS21 E6327 Cypress Semiconductor (Infineon Technologies)
 BAS20-V-GS08 Electro-Films (EFI) / Vishay	 BAS20W-7-F Diodes Incorporated DIODE GEN PURP 150V 200MA SOT323	 BAS20-V-GS18 Electro-Films (EFI) / Vishay	 BAS20DWQ-13 Diodes Incorporated HIVOLT SWITCHING DIODE BVR > 100	 BAS20Q-13-F Diodes Incorporated DIODE GP 150V 200MA SOT23-3	 BAS20LT1 onsemi DIODE SWITCH 200MA 200V SOT23

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

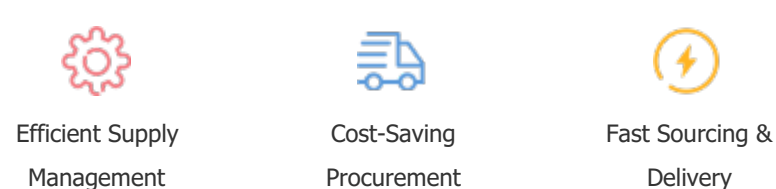
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

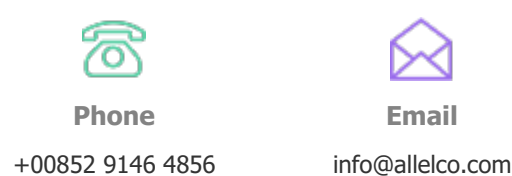
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)