



Image may be representation.
See specifications for product details.



MURS320T3G

Manufacturer Part Number	MURS320T3G
Manufacturer	onsemi
Allelco Part Number	32D-MURS320T3G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE GEN PURP 200V 3A SMC
Package	DO-214AB, SMC
Data sheet	SMC Pkg Drawing.pdf MURS320/340/360T3G, SURS8320/40/60T3G(-VF01).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MURS320T3G - onsemi.New Original in Stock. Download Linear Technology MURS320T3G datasheet/specifications on AllelcoElec.com.
Request a quote for MURS320T3G, please send us email: info@allelco.com

Specifications

MURS320T3G Tech Specifications
MURS320T3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	DO-214AB, SMC
Voltage - Forward (Vf) (Max) @ If	875 mV @ 3 A	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	200 V	Operating Temperature - Junction	-65°C ~ 175°C
Technology	Standard	Mounting Type	Surface Mount
Supplier Device Package	SMC	Current - Reverse Leakage @ Vr	5 µA @ 200 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	3A
Series	-	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	35 ns	Base Product Number	MURS320

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MURS320T3G

Product Attribute				
Part Number	MURS320T3G	MURS320	MURS340HE3/57T	MURS320-E3/57T
Manufacturer	onsemi	Diodes Incorporated	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Technology	Standard	Standard	Standard	Standard
Reverse Recovery Time (trr)	35 ns	25 ns	75 ns	35 ns
Base Product Number	MURS320	-	MURS340	MURS320
Operating Temperature - Junction	-65°C ~ 175°C	-65°C ~ 175°C	-65°C ~ 175°C	-65°C ~ 175°C
Voltage - DC Reverse (Vr) (Max)	200 V	200 V	400 V	200 V
Voltage - Forward (Vf) (Max) @ If	875 mV @ 3 A	875 mV @ 3 A	1.28 V @ 3 A	875 mV @ 3 A
Capacitance @ Vr, F	-	45pF @ 4V, 1MHz	-	-
Package / Case	DO-214AB, SMC	DO-214AB, SMC	DO-214AB, SMC	DO-214AB, SMC
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Reverse Leakage @ Vr	5 µA @ 200 V	5 µA @ 200 V	10 µA @ 400 V	5 µA @ 200 V
Current - Average Rectified (Io)	3A	3A	3A	3A
Supplier Device Package	SMC	SMC	DO-214AB (SMC)	DO-214AB (SMC)
Series	-	-	Automotive, AEC-Q101	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

MURS320T3G Datasheet PDF

Download MURS320T3G pdf datasheets and onsemi documentation for MURS320T3G - onsemi.

Datasheets

- [SMC Pkg Drawing.pdf](#)
- [MURS320/340/360T3G, SURS8320/40/60T3G\(-VF01\).pdf](#)

Environmental Information

- [onsemi REACH.pdf](#)
- [onsemi RoHS.pdf](#)

PCN Design/Specification



















- [403AC case 27/Feb/2017.pdf](#)
- [Polarity Bar Mark Update 2/Dec/2016.pdf](#)

PCN Assembly/Origin

- [MURS3x0T3G 27/May/2022.pdf](#)

Customers Also Interested in

Recommended Products

 MURS320 Diodes Incorporated DIODE GEN PURP 200V 3A SMC TR 3K	 MURS340HE3/57T Vishay General Semiconductor - Diodes Division DIODE GEN PURP 400V 3A DO214AB	 MURS320-E3/57T Vishay General Semiconductor - Diodes Division DIODE GEN PURP 200V 3A DO214AB	 MURS320-ES/57T Electro-Films (EFI) / Vishay	 MURS340S-E3/52 Electro-Films (EFI) / Vishay	 MURS320 Yangjie Technology SMC 200V 3.0A Diodes Rectifier
 MURS320-13-F Diodes Incorporated DIODE GEN PURP 200V 3A SMC	 MURS340BG FIRST	 MURS340-E3/57T Vishay General Semiconductor - Diodes Division DIODE GEN PURP 400V 3A DO214AB	 MURS3100T3G AMI Semiconductor/onsemi	 MURS340-E3/9AT Vishay General Semiconductor - Diodes Division DIODE GEN PURP 400V 3A DO214AB	 MURS320/57 Electro-Films (EFI) / Vishay
 MURS320-E3 Electro-Films (EFI) / Vishay	 MURS340HE3/5BT Electro-Films (EFI) / Vishay	 MURS340 Yangjie Technology SMC 400V 3.0A Diodes Rectifier	 MURS340HE3_A/H Vishay General Semiconductor - Diodes Division DIODE GEN PURP 400V 3A DO214AB	 MURS320 SMC Diode Solutions DIODE GEN PURP 200V 3A SMC	 MURS320T3 onsemi DIODE ULTRA FAST 3A 200V SMC

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

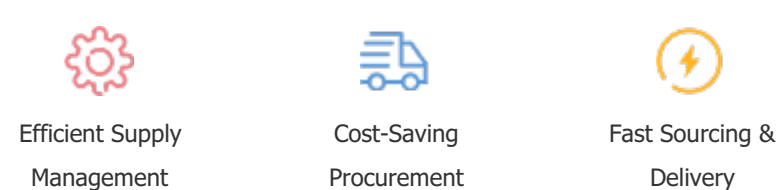
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

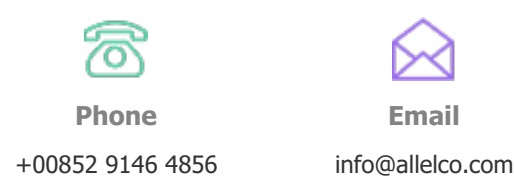
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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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