

Image may be representation.
See specifications for product details.



MURS160T3G

Manufacturer Part Number	MURS160T3G
Manufacturer	onsemi
Allelco Part Number	32D-MURS160T3G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE GEN PURP 600V 1A SMB
Package	DO-214AA, SMB
Data sheet	MURS120T3G, SURS_NRVUS8120T3G Series.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MURS160T3G - onsemi.New Original in Stock. Download Linear Technology MURS160T3G datasheet/specifications on AllelcoElec.com.
Request a quote for MURS160T3G, please send us email: info@allelco.com

Specifications

MURS160T3G Tech Specifications
MURS160T3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	DO-214AA, SMB
Voltage - Forward (Vf) (Max) @ If	1.25 V @ 1 A	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	600 V	Operating Temperature - Junction	-65°C ~ 175°C
Technology	Standard	Mounting Type	Surface Mount
Supplier Device Package	SMB	Current - Reverse Leakage @ Vr	5 µA @ 600 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	1A
Series	-	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	75 ns	Base Product Number	MURS160

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MURS160T3G

Product Attribute				
Part Number	MURS160T3G	MURS160T3	MURS205T3G	MURS160HE3_A/H
Manufacturer	onsemi	onsemi	onsemi	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)
Operating Temperature - Junction	-65°C ~ 175°C	-	-60°C ~ 175°C	-65°C ~ 175°C
Capacitance @ Vr, F	-	-	-	-
Voltage - Forward (Vf) (Max) @ If	1.25 V @ 1 A	1.25 V @ 1 A	940 mV @ 2 A	1.25 V @ 1 A
Current - Average Rectified (Io)	1A	2A	2A	2A
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	SMB	SMB	SMB	DO-214AA (SMB)
Technology	Standard	Standard	Standard	Standard
Package / Case	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB
Reverse Recovery Time (trr)	75 ns	75 ns	30 ns	75 ns
Series	-	-	-	Automotive, AEC-Q101
Voltage - DC Reverse (Vr) (Max)	600 V	600 V	50 V	600 V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Reverse Leakage @ Vr	5 µA @ 600 V	5 µA @ 600 V	2 µA @ 50 V	5 µA @ 600 V
Base Product Number	MURS160	MURS16	MURS205	MURS160

MURS160T3G Datasheet PDF

Download MURS160T3G pdf datasheets and onsemi documentation for MURS160T3G - onsemi.

Datasheets

[MURS120T3G, SURS_NRVUS8120T3G Series.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Assembly/Origin

[Mult Dev Site Chgs 3/Nov/2020.pdf](#)

Customers Also Interested in

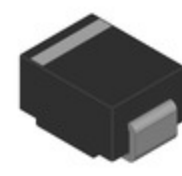
Recommended Products

**MURS160T3**onsemi
DIODE ULTRA FAST 1A 600V SMB**MURS205**

GS

**MURS160-M3**

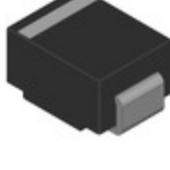
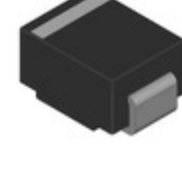
Electro-Films (EFI) / Vishay

**MURS205T3G**onsemi
DIODE GEN PURP 50V 2A SMB**MURS160HE3_A/H**Vishay General Semiconductor -
Diodes Division
DIODE GEN PURP 600V 2A DO214AA**MURS220T3G**onsemi
DIODE GEN PURP 200V 2A SMB**MURS230T3G**onsemi
DIODE GEN PURP 300V 2A SMB**MURS220T3**onsemi
DIODE ULTRA FAST 2A 200V SMB**MURS160-E3/52T**Vishay General Semiconductor -
Diodes Division
DIODE GEN PURP 600V 2A DO214AA**MURS160-M3/52T**Vishay General Semiconductor -
Diodes Division
DIODE GEN PURP 600V 1A DO214AA**MURS160/5**

Electro-Films (EFI) / Vishay

**MURS160-F**

LITEON

**MURS240**Yangjie Technology
SMB 400V 2.0A Diodes Rectifier**MURS210T3**onsemi
DIODE GEN PURP 100V 2A SMB**MURS160-E3/5BT**Vishay General Semiconductor -
Diodes Division
DIODE GEN PURP 600V 2A DO214AA**MURS210T3G**onsemi
DIODE GEN PURP 100V 2A SMB**MURS215T3G**

AMI Semiconductor/onsemi

**MURS160-E3/58T**

Electro-Films (EFI) / Vishay

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



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