

Image may be representation.  
See specifications for product details.



## MURS230T3G

Manufacturer Part Number	<b>MURS230T3G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MURS230T3G
ECAD Model	Request Free CAD Models
Parts Description	DIODE GEN PURP 300V 2A SMB
Package	DO-214AA, SMB
Data sheet	<b>MURS230, 240 T3.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MURS230T3G - onsemi.New Original in Stock. Download Linear Technology MURS230T3G datasheet/specifications on AllelcoElec.com.  
Request a quote for MURS230T3G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MURS230T3G Tech Specifications

MURS230T3G - 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	1.3 V @ 2 A	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	300 V	Operating Temperature - Junction	-65°C ~ 175°C
Technology	Standard	Mounting Type	Surface Mount
Supplier Device Package	SMB	Current - Reverse Leakage @ Vr	5 µA @ 300 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	2A
Series	-	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	65 ns	Base Product Number	MURS230

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MURS230T3G

Product Attribute				
Part Number	MURS230T3G	MURS260-E3/52T	MURS205T3G	MURS220T3
Manufacturer	onsemi	Vishay General Semiconductor - Diodes Division	onsemi	onsemi
Current - Average Rectified (Io)	2A	2A	2A	2A
Capacitance @ Vr, F	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Forward (Vf) (Max) @ If	1.3 V @ 2 A	1.45 V @ 2 A	940 mV @ 2 A	950 mV @ 2 A
Supplier Device Package	SMB	DO-214AA (SMB)	SMB	SMB
Current - Reverse Leakage @ Vr	5 µA @ 300 V	5 µA @ 600 V	2 µA @ 50 V	2 µA @ 200 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	MURS230	MURS260	MURS205	MURS22
Package / Case	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB
Series	-	-	-	-
Technology	Standard	Standard	Standard	Standard
Operating Temperature - Junction	-65°C ~ 175°C	-65°C ~ 175°C	-60°C ~ 175°C	-
Voltage - DC Reverse (Vr) (Max)	300 V	600 V	50 V	200 V
Reverse Recovery Time (trr)	65 ns	75 ns	30 ns	35 ns

### MURS230T3G Datasheet PDF

Download MURS230T3G pdf datasheets and onsemi documentation for MURS230T3G - onsemi.

#### Datasheets

[MURS230, 240 T3.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)


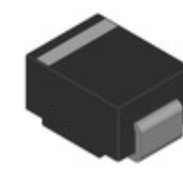
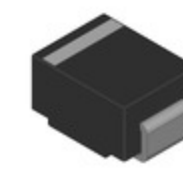

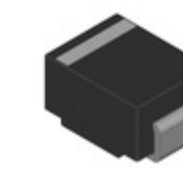

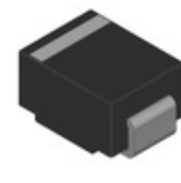
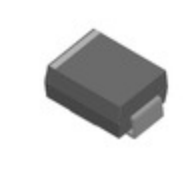

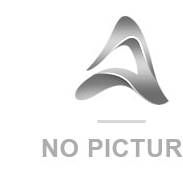
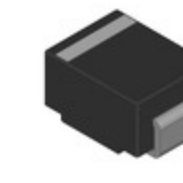
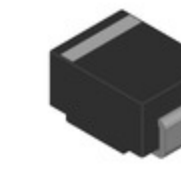
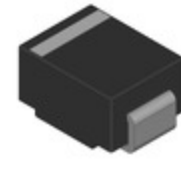
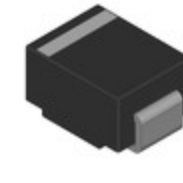

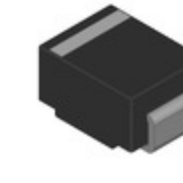
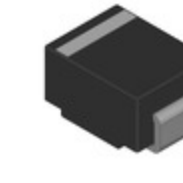
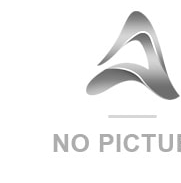
[onsemi RoHS.pdf](#)

#### PCN Assembly/Origin

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

### Customers Also Interested in

#### Recommended Products

 <b>MURS260-E3/52T</b> Vishay General Semiconductor - Diodes Division DIODE GEN PURP 600V 2A DO214AA	 <b>MURS205T3G</b> onsemi DIODE GEN PURP 50V 2A SMB	 <b>MURS220T3</b> onsemi DIODE ULTRA FAST 2A 200V SMB	 <b>MURS215T3G</b> AMI Semiconductor/onsemi	 <b>MURS260T3</b> onsemi DIODE GEN PURP 600V 2A SMB	 <b>MURS240-E3/52T</b> Vishay General Semiconductor - Diodes Division DIODE GEN PURP 400V 2A DO214AA
 <b>MURS240T3G</b> onsemi DIODE GEN PURP 400V 2A SMB	 <b>MURS240</b> Yangjie Technology SMB 400V 2.0A Diodes Rectifier	 <b>MURS260-E3S/5BT</b> Electro-Films (EFI) / Vishay	 <b>MURS205</b> GS	 <b>MURS160T3</b> onsemi DIODE ULTRA FAST 1A 600V SMB	 <b>MURS220T3G</b> onsemi DIODE GEN PURP 200V 2A SMB
 <b>MURS210T3</b> onsemi DIODE GEN PURP 100V 2A SMB	 <b>MURS210T3G</b> onsemi DIODE GEN PURP 100V 2A SMB	 <b>MURS260-M3/52T</b> Vishay General Semiconductor - Diodes Division DIODE GEN PURP 600V 2A DO214AA	 <b>MURS260T3G</b> onsemi DIODE GEN PURP 600V 2A SMB	 <b>MURS160T3G</b> onsemi DIODE GEN PURP 600V 1A SMB	 <b>MURS260-A-56L-2</b> GULFSEMI

## 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

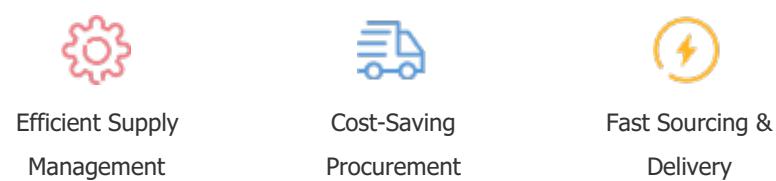
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

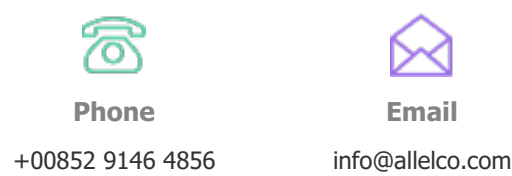
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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