

Image may be representation.  
See specifications for product details.

## MURD530T4G

Manufacturer Part Number	<b>MURD530T4G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MURD530T4G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	DIODE GEN PURP 300V 5A DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	<b>MURD530.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**



MURD530T4G - onsemi.New Original in Stock. Download Linear Technology MURD530T4G datasheet/specifications on AllelcoElec.com.  
Request a quote for MURD530T4G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MURD530T4G Tech Specifications  
MURD530T4G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Voltage - Forward (Vf) (Max) @ If	1.05 V @ 5 A	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	300 V	Operating Temperature - Junction	-55°C ~ 175°C
Technology	Standard	Mounting Type	Surface Mount
Supplier Device Package	DPAK	Current - Reverse Leakage @ Vr	5 µA @ 300 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	5A
Series	SWITCHMODE™	Capacitance @ Vr, F	-
Reverse Recovery Time (trr)	50 ns	Base Product Number	MURD530

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MURD530T4G

Product Attribute				
Part Number	MURD530T4G	MURD320T4	MURD550PFT4G	MURD310T4
Manufacturer	onsemi	onsemi	onsemi	onsemi
Series	SWITCHMODE™	SWITCHMODE™	SWITCHMODE™	SWITCHMODE™
Current - Average Rectified (Io)	5A	3A	5A	3A
Reverse Recovery Time (trr)	50 ns	35 ns	95 ns	35 ns
Voltage - Forward (Vf) (Max) @ If	1.05 V @ 5 A	950 mV @ 3 A	1.15 V @ 5 A	950 mV @ 3 A
Capacitance @ Vr, F	-	-	-	-
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63
Operating Temperature - Junction	-55°C ~ 175°C	-	-65°C ~ 175°C	-65°C ~ 175°C
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Supplier Device Package	DPAK	DPAK	DPAK	DPAK
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	300 V	200 V	520 V	100 V
Base Product Number	MURD530	MURD32	MURD55	MURD31
Technology	Standard	Standard	Standard	Standard
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Reverse Leakage @ Vr	5 µA @ 300 V	5 µA @ 200 V	5 µA @ 520 V	5 µA @ 100 V

### MURD530T4G Datasheet PDF

Download MURD530T4G pdf datasheets and onsemi documentation for MURD530T4G - onsemi.

#### Datasheets

[MURD530.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### PCN Obsolescence/ EOL


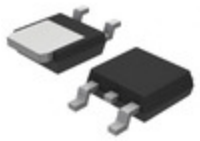
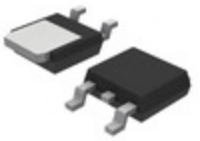
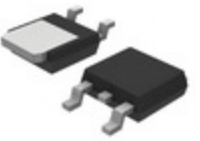
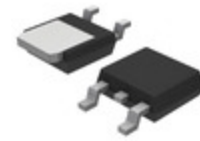













[Obsolete Notice 15/Dec/2022.pdf](#)

#### PCN Assembly/Origin

[MBRDx/MURDx/MURHDx 20/Jan/2023.pdf](#)

### Customers Also Interested in

## Recommended Products

					
<b>MURD340T3G</b> AMI Semiconductor/onsemi	<b>MURD320T4</b> onsemi DIODE ULTRA FAST 3A 200V DPAK	<b>MURD550PFT4G</b> onsemi DIODE GEN PURP 520V 5A DPAK	<b>MURD310T4</b> onsemi DIODE GEN PURP 100V 3A DPAK	<b>MURD620CT</b> onsemi DIODE ARRAY GP 200V 3A DPAK	<b>MURD320T4 MOS</b> MOTOROLA
					
<b>MURD620CTT4</b> AMI Semiconductor/onsemi	<b>MURD620CT</b> Vishay General Semiconductor - Diodes Division DIODE ARRAY GP 200V 6A DPAK	<b>MURD330T4G</b> onsemi DIODE GEN PURP 300V 3A DPAK	<b>MURD320G</b> AMI Semiconductor/onsemi	<b>MURD320T4G</b> onsemi DIODE GEN PURP 200V 3A DPAK	<b>MURD550PFT4</b> onsemi DIODE GEN PURP 520V 5A DPAK
					
<b>MURD610CTT4G</b> AMI Semiconductor/onsemi	<b>MURD320</b> ON	<b>MURD340T4G</b> onsemi DIODE GEN PURP 400V 3A DPAK	<b>MURD620CT MOS</b> IR	<b>MURD620CTG</b> onsemi DIODE ARRAY GP 200V 3A DPAK	<b>MURD310T4G</b> AMI Semiconductor/onsemi

## 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.

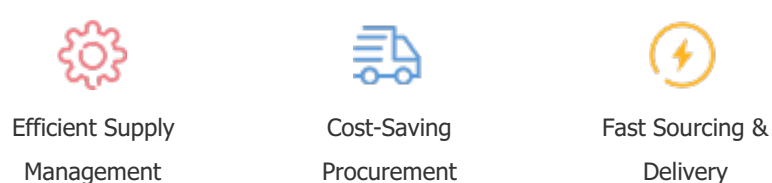
## Payment Support

The payment method can be chosen from the methods shown below:

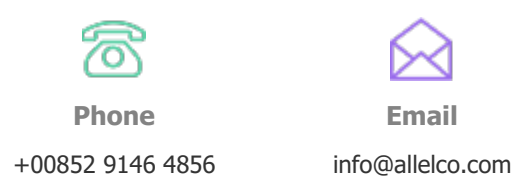
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



View More



## 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

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