

Image may be representation.  
See specifications for product details.



## NSR0620P2T5G

Manufacturer Part Number	<b>NSR0620P2T5G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NSR0620P2T5G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE SCHOTTKY 20V 500MA SOD923
Package	SOD-923
Data sheet	<b>NSR0620P2T5G.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

NSR0620P2T5G - onsemi.New Original in Stock. Download Linear Technology NSR0620P2T5G datasheet/specifications on AllelcoElec.com.  
Request a quote for NSR0620P2T5G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NSR0620P2T5G Tech Specifications

NSR0620P2T5G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	SOD-923
Voltage - Forward (Vf) (Max) @ If	520 mV @ 500 mA	Package	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	20 V	Operating Temperature - Junction	-55°C ~ 125°C
Technology	Schottky	Mounting Type	Surface Mount
Supplier Device Package	SOD-923	Current - Reverse Leakage @ Vr	9 µA @ 20 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io)	500mA
Series	-	Capacitance @ Vr, F	12pF @ 1V, 1MHz
Reverse Recovery Time (trr)	4 ns	Base Product Number	NSR0620

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NSR0620P2T5G

Product Attribute				
Part Number	NSR0620P2T5G	NSR07540SLT1G	NSR0620SP2T5G	NSR05F40NXT5G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Forward (Vf) (Max) @ If	520 mV @ 500 mA	535 mV @ 1.5 A	520 mV @ 500 mA	460 mV @ 500 mA
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)
Reverse Recovery Time (trr)	4 ns	-	-	-
Series	-	-	-	-
Technology	Schottky	Schottky	Schottky	Schottky
Mounting Type	Surface Mount	Surface Mount	-	Surface Mount
Base Product Number	NSR0620	NSR07540	NSR0620	NSR05
Package / Case	SOD-923	TO-236-3, SC-59, SOT-23-3	-	0402 (1006 Metric)
Voltage - DC Reverse (Vr) (Max)	20 V	40 V	20 V	40 V
Supplier Device Package	SOD-923	SOT-23-3 (TO-236)	-	2-DSN (1x0.6), (0402)
Operating Temperature - Junction	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	150°C (Max)
Capacitance @ Vr, F	12pF @ 1V, 1MHz	170pF @ 0V, 1MHz	-	-
Current - Reverse Leakage @ Vr	9 µA @ 20 V	100 µA @ 40 V	9 µA @ 20 V	75 µA @ 40 V
Current - Average Rectified (Io)	500mA	1.5A	500mA	500mA

### NSR0620P2T5G Datasheet PDF

Download NSR0620P2T5G pdf datasheets and onsemi documentation for NSR0620P2T5G - onsemi.

#### Datasheets

[NSR0620P2T5G.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)








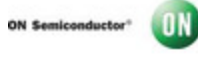








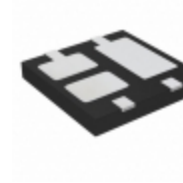

#### PCN Design/Specification

[Mult Devices Tape Design 06/Mar/2018.pdf](#)

[Case Outline Update 01/Sep/2020.pdf](#)

### Customers Also Interested in

#### Recommended Products

					
<b>NSR07540SLT1G</b> onsemi DIODE SCHOTTKY 40V 1.5A SOT23-3	<b>NSR0620SP2T5G</b> onsemi DIODE SCHOTTKY 20V 500MA SOD923	<b>NSR05F40NXT5G</b> onsemi DIODE SCHOTTKY 40V 500MA 2DSN	<b>NSR0530PZT5G</b> AMI Semiconductor/onsemi	<b>NSR05T30XV2T5G</b> onsemi DIODE SCHOTTKY 30V 500MA SOD523	<b>NSR10F20NXT5G</b> onsemi DIODE SCHOTTKY 20V 1A 2DSN
					
<b>NSR1020MW2T3G</b> onsemi DIODE SCHOTTKY 20V 1A SOD323	<b>NSR05F30NXT5G</b> onsemi DIODE SCHOTTKY 30V 500MA 2DSN	<b>NSR05T30P2T5G</b> onsemi DIODE SCHOTTKY 30V 500MA SOD923	<b>NSR10F30NXT5G</b> onsemi DIODE SCHOTTKY 30V 1A 2DSN	<b>NSR05T40P2T5G</b> onsemi DIODE SCHOTTKY 40V 500MA SOD923	<b>NSR05T40XV2T5G</b> onsemi DIODE SCHOTTKY 40V 500MA SOD523
					
<b>NSR05F20NXT5G</b> onsemi DIODE SCHOTTKY 20V 500MA 2DSN	<b>NSR1030QMUTWG</b> onsemi BRIDGE RECT 1PHASE 30V 1A 4UDFN	<b>NSR05F40NXT5</b> AMI Semiconductor/onsemi	<b>NSR1020MW2T1G</b> onsemi DIODE SCHOTTKY 20V 1A SOD323	<b>NSR1030QMUTAG</b> onsemi BRIDGE RECT 1PHASE 30V 1A 4UDFN	<b>NSR05F30NRT5G</b> Sanyo DIODE SCHOTTKY 30V 500MA 2DSN

## 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.

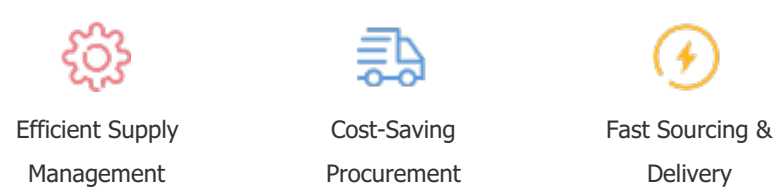
Contact us if you have any questions.

## Payment Support

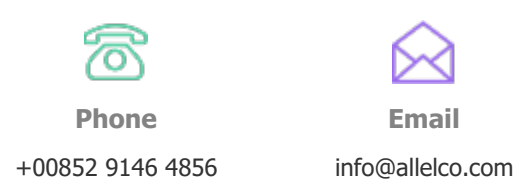
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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