





# NSR05F30NXT5G

Manufacturer Part Number	<b>NSR05F30NXT5G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NSR05F30NXT5G
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	DIODE SCHOTTKY 30V 500MA 2DSN
Package	0402 (1006 Metric)
Data sheet	<a href="#">NSR05F30NXT5G.pdf</a>
RoHs Status	 ROHS3 Compliant



**Get a Quote**

NSR05F30NXT5G - onsemi.New Original in Stock. Download Linear Technology NSR05F30NXT5G datasheet/specifications on AllelcoElec.com.

Request a quote for NSR05F30NXT5G, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications





NSR05F30NXT5G Tech Specifications

NSR05F30NXT5G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	430 mV @ 500 mA	Operating Temperature - Junction	150°C (Max)
Voltage - DC Reverse (Vr) (Max)	30 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	75 µA @ 30 V
Supplier Device Package	2-DSN (1x0.6), (0402)	Current - Average Rectified (Io)	500mA
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	-	Base Product Number	NSR05
Package / Case	0402 (1006 Metric)		

## Parts with Similar Specifications


The three parts on the right have similar specifications to onsemi NSR05F30NXT5G

Product Attribute	 NO PICTURE			
Part Number	NSR05F30NXT5G	NSR05F30NRT5G	NSR0530P2T5G	NSR05T40P2T5G
Manufacturer	onsemi	Sanyo	onsemi	onsemi
Package / Case	0402 (1006 Metric)	0402 (1006 Metric)	SOD-923	SOD-923
Series	-	-	-	-
Technology	Schottky	Schottky	Schottky	Schottky
Current - Average Rectified (Io)	500mA	500mA	500mA	500mA
Current - Reverse Leakage @ Vr	75 µA @ 30 V	75 µA @ 30 V	200 µA @ 30 V	55 µA @ 40 V
Voltage - DC Reverse (Vr) (Max)	30 V	30 V	30 V	40 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	2-DSN (1x0.6), (0402)	2-DSN (1x0.6), (0402)	SOD-923	SOD-923
Voltage - Forward (Vf) (Max) @ If	430 mV @ 500 mA	430 mV @ 500 mA	620 mV @ 500 mA	700 mV @ 500 mA
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	NSR05	-	NSR0530	NSR05
Capacitance @ Vr, F	-	-	10pF @ 1V, 1MHz	29pF @ 4V, 1MHz
Operating Temperature - Junction	150°C (Max)	150°C (Max)	-55°C ~ 125°C	-55°C ~ 150°C


## NSR05F30NXT5G Datasheet PDF


Download NSR05F30NXT5G pdf datasheets and onsemi documentation for NSR05F30NXT5G - onsemi.

### Datasheets


 [NSR05F30NXT5G.pdf](#)

### Environmental Information


 [onsemi REACH.pdf](#)


 [onsemi RoHS.pdf](#)

### PCN Assembly/Origin

 [Mult Dev 11/Apr/2023.pdf](#)














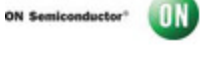




### PCN Packaging

 [Carrier Tape Update 05/Mar/2015.pdf](#)

 [Cold Seal Tape Material 03/Jul/2014.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>NSR05F30NRT5G</b> Sanyo DIODE SCHOTTKY 30V 500MA 2DSN	<b>NSR0530P2T5G</b> onsemi DIODE SCHOTTKY 30V 500MA SOD923	<b>NSR05T40P2T5G</b> onsemi DIODE SCHOTTKY 40V 500MA SOD923	<b>NSR0620SP2T5G</b> onsemi DIODE SCHOTTKY 20V 500MA SOD923	<b>NSR05T40XV2T5G</b> onsemi DIODE SCHOTTKY 40V 500MA SOD523	<b>NSR0620P2T5G</b> onsemi DIODE SCHOTTKY 20V 500MA SOD923
					
<b>NSR0520V2T1G</b> onsemi DIODE SCHOTTKY 20V 500MA SOD523	<b>NSR040A0X43Z</b> ABB Power Electronics Inc. DC DC CONVERTER 0.6-5V 200W	<b>NSR0340P2T5G</b> onsemi DIODE SCHOTTKY 40V 200MA SOD923	<b>NSR05F40NXT5G</b> onsemi DIODE SCHOTTKY 40V 500MA 2DSN	<b>NSR05T30P2T5G</b> onsemi DIODE SCHOTTKY 30V 500MA SOD923	<b>NSR0530HT1G</b> onsemi DIODE SCHOTTKY 30V 500MA SOD323
					
<b>NSR05T30XV2T5G</b> onsemi DIODE SCHOTTKY 30V 500MA SOD523	<b>NSR0530PZT5G</b> AMI Semiconductor/onsemi	<b>NSR1020MW2T1G</b> onsemi DIODE SCHOTTKY 20V 1A SOD323	<b>NSR0340V2T1G</b> onsemi DIODE SCHOTTKY 40V 250MA SOD523	<b>NSR05F20NXT5G</b> onsemi DIODE SCHOTTKY 20V 500MA 2DSN	<b>NSR07540SLT1G</b> onsemi DIODE SCHOTTKY 40V 1.5A SOT23-3

## 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.

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## Certifications & Memberships



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