

Image may be representation.
See specifications for product details.



NSR0530P2T5G

Manufacturer Part Number	NSR0530P2T5G
Manufacturer	onsemi
Allelco Part Number	32D-NSR0530P2T5G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE SCHOTTKY 30V 500MA SOD923
Package	SOD-923
Data sheet	NSR0530P2T5G.pdf
RoHs Status	ROHS3 Compliant

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NSR0530P2T5G - onsemi.New Original in Stock. Download Linear Technology NSR0530P2T5G datasheet/specifications on AllelcoElec.com.
Request a quote for NSR0530P2T5G, please send us email: info@allelco.com

Specifications

NSR0530P2T5G Tech Specifications

NSR0530P2T5G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	620 mV @ 500 mA	Operating Temperature - Junction	-55°C ~ 125°C
Voltage - DC Reverse (Vr) (Max)	30 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	200 µA @ 30 V
Supplier Device Package	SOD-923	Current - Average Rectified (Io)	500mA
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	10pF @ 1V, 1MHz
Series	-	Base Product Number	NSR0530
Package / Case	SOD-923		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NSR0530P2T5G

Product Attribute				
Part Number	NSR0530P2T5G	NSR0320XV6T1G	NSR05F20NXT5G	NSR0340P2T5G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Supplier Device Package	SOD-923	SOT-563	2-DSN (1x0.6), (0402)	SOD-923
Voltage - Forward (Vf) (Max) @ If	620 mV @ 500 mA	500 mV @ 900 mA	430 mV @ 500 mA	560 mV @ 200 mA
Base Product Number	NSR0530	NSR0320	NSR05	NSR0340
Technology	Schottky	Schottky	Schottky	Schottky
Operating Temperature - Junction	-55°C ~ 125°C	125°C (Max)	150°C (Max)	-55°C ~ 125°C
Current - Reverse Leakage @ Vr	200 µA @ 30 V	50 µA @ 15 V	75 µA @ 20 V	20 µA @ 40 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	SOD-923	SOT-563, SOT-666	0402 (1006 Metric)	SOD-923
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Small Signal =< 200mA (Io), Any Speed
Current - Average Rectified (Io)	500mA	1A	500mA	200mA
Series	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - DC Reverse (Vr) (Max)	30 V	23 V	20 V	40 V
Capacitance @ Vr, F	10pF @ 1V, 1MHz	35pF @ 5V, 1MHz	-	4pF @ 5V, 1MHz

NSR0530P2T5G Datasheet PDF

Download NSR0530P2T5G pdf datasheets and onsemi documentation for NSR0530P2T5G - onsemi.

Datasheets

[NSR0530P2T5G.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Design/Specification

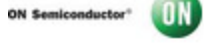

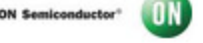

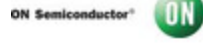













[Mult Devices Tape Design 06/Mar/2018.pdf](#)

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

Customers Also Interested in

Recommended Products



NSR0320XV6T1G onsemi DIODE SCHOTTKY 23V 1A SOT563 	NSR05F20NXT5G onsemi DIODE SCHOTTKY 20V 500MA 2DSN 	NSR0340P2T5G onsemi DIODE SCHOTTKY 40V 200MA SOD923 	NSR0340V2T1G onsemi DIODE SCHOTTKY 40V 250MA SOD523 	NSR0320MW2T3G onsemi DIODE SCHOTTKY 20V 1A SOD323 	NSR0520V2T1G onsemi DIODE SCHOTTKY 20V 500MA SOD523 
NSR05F30NXT5G onsemi DIODE SCHOTTKY 30V 500MA 2DSN 	NSR0340HT1G onsemi DIODE SCHOTTKY 40V 250MA SOD323 	NSR0530P2T5G AMI Semiconductor/onsemi 	NSR05T40P2T5G onsemi DIODE SCHOTTKY 40V 500MA SOD923 	NSR05F40NXT5G onsemi DIODE SCHOTTKY 40V 500MA 2DSN 	NSR0320XV6T1 onsemi DIODE SCHOTTKY 23V 1A SOT563 
NSR0320X268 KEXIN 	NSR05T30XV2T5G onsemi DIODE SCHOTTKY 30V 500MA SOD523 	NSR05F30NRT5G Sanyo DIODE SCHOTTKY 30V 500MA 2DSN 	NSR05T30P2T5G onsemi DIODE SCHOTTKY 30V 500MA SOD923 	NSR0530HT1G onsemi DIODE SCHOTTKY 30V 500MA SOD323 	NSR040A0X43Z ABB Power Electronics Inc. DC DC CONVERTER 0.6-5V 200W 

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
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Certifications & Memberships



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