



Image may be representation.
See specifications for product details.



NSR02F30NXT5G

Manufacturer Part Number	NSR02F30NXT5G
Manufacturer	onsemi
Allelco Part Number	32D-NSR02F30NXT5G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE SCHOTTKY 30V 200MA 2DSN
Package	0201 (0603 Metric)
Data sheet	NSR02F30NXT5G.pdf
RoHs Status	ROHS3 Compliant

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NSR02F30NXT5G - onsemi.New Original in Stock. Download Linear Technology NSR02F30NXT5G datasheet/specifications on AllelcoElec.com.
Request a quote for NSR02F30NXT5G, please send us email: info@allelco.com

Specifications

NSR02F30NXT5G Tech Specifications

NSR02F30NXT5G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	550 mV @ 200 mA	Operating Temperature - Junction	125°C (Max)
Voltage - DC Reverse (Vr) (Max)	30 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	50 µA @ 30 V
Supplier Device Package	2-DSN (0.60x0.30)	Current - Average Rectified (Io)	200mA
Speed	Small Signal =< 200mA (Io), Any Speed	Capacitance @ Vr, F	7pF @ 5V, 1MHz
Series	-	Base Product Number	NSR02
Package / Case	0201 (0603 Metric)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NSR02F30NXT5G

Product Attribute				
Part Number	NSR02F30NXT5G	NSR0240P2T5G	NSR02L30NXT5G	NSR0240MX2T5G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Supplier Device Package	2-DSN (0.60x0.30)	SOD-923	2-DSN (0.60x0.30)	2-X2DFN (1x0.6)
Package / Case	0201 (0603 Metric)	SOD-923	0201 (0603 Metric)	2-XDFN
Current - Reverse Leakage @ Vr	50 µA @ 30 V	5 µA @ 40 V	3 µA @ 30 V	5 µA @ 40 V
Current - Average Rectified (Io)	200mA	200mA	200mA	200mA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Speed	Small Signal =< 200mA (Io), Any Speed	Small Signal =< 200mA (Io), Any Speed	Small Signal =< 200mA (Io), Any Speed	Fast Recovery =< 500ns, > 200mA (Io)
Voltage - Forward (Vf) (Max) @ If	550 mV @ 200 mA	600 mV @ 200 mA	580 mV @ 200 mA	600 mV @ 200 mA
Technology	Schottky	Schottky	Schottky	Schottky
Voltage - DC Reverse (Vr) (Max)	30 V	40 V	30 V	40 V
Series	-	-	-	-
Base Product Number	NSR02	NSR0240	NSR02	NSR0240
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature - Junction	125°C (Max)	-55°C ~ 150°C	150°C (Max)	-55°C ~ 150°C
Capacitance @ Vr, F	7pF @ 5V, 1MHz	7pF @ 1V, 1MHz	7pF @ 5V, 1MHz	7pF @ 1V, 1MHz

NSR02F30NXT5G Datasheet PDF

Download NSR02F30NXT5G pdf datasheets and onsemi documentation for NSR02F30NXT5G - onsemi.

Datasheets

[NSR02F30NXT5G.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Assembly/Origin

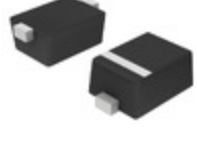

















[Mult Dev 11/Apr/2023.pdf](#)

PCN Design/Specification

[FPCN21451X – Correction 02/Nov/2016.pdf](#)

Customers Also Interested in

Recommended Products

 NSR0240P2T5G onsemi DIODE SCHOTTKY 40V 200MA SOD923	 NSR02L30NXT5G onsemi DIODE SCHOTTKY 30V 200MA 2DSN	 NSR0240MX2T5G onsemi DIODE SCHOTTKY 40V 200MA 2X2DFN	 NSR0320MW2T1G onsemi DIODE SCHOTTKY 20V 1A SOD323	 NSR0240HT1G onsemi DIODE SCHOTTKY 40V 250MA SOD323	 NSR0320XV6T1 onsemi DIODE SCHOTTKY 23V 1A SOT563
 NSR0240HT1G-7 Diodes Incorporated	 NSR0240MX2T5G onsemi DIODE SCHOTTKY 40V 200MA 2X2DFN	 NSR0320MW2T1G-7 Diodes Incorporated	 NSR0230P2T5G onsemi DIODE SCHOTTKY 30V 200MA SOD923	 NSR0240V2T5G onsemi DIODE SCHOTTKY 40V 250MA SOD523	 NSR0320 AMI Semiconductor/onsemi
 NSR02F30MX2T5G onsemi DIODE SCHOTTKY 30V 200MA 2X3DFN	 NSR0240V2T1G onsemi DIODE SCHOTTKY 40V 250MA SOD523	 NSR0320MW2T3G onsemi DIODE SCHOTTKY 20V 1A SOD323	 NSR0320MW2T AMI Semiconductor/onsemi	 NSR0320X268 KEXIN	 NSR0320XV6T1G onsemi DIODE SCHOTTKY 23V 1A SOT563

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
+00852 9146 4856


Email
info@allelco.com

Certifications & Memberships








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