

Image may be representation.
See specifications for product details.



NSVRB521S30T1G

Manufacturer Part Number	NSVRB521S30T1G
Manufacturer	onsemi
Allelco Part Number	32D-NSVRB521S30T1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE SCHOTTKY 30V 200MA SOD523
Package	SC-79, SOD-523
Data sheet	RB521S30.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NSVRB521S30T1G - onsemi.New Original in Stock. Download Linear Technology NSVRB521S30T1G datasheet/specifications on AllelcoElec.com.
Request a quote for NSVRB521S30T1G, please send us email: info@allelco.com

Specifications

NSVRB521S30T1G Tech Specifications
NSVRB521S30T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	500 mV @ 200 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	30 µA @ 10 V
Supplier Device Package	SOD-523	Current - Average Rectified (Io)	200mA
Speed	Small Signal =< 200mA (Io), Any Speed	Capacitance @ Vr, F	-
Series	-	Base Product Number	NSVRB521
Package / Case	SC-79, SOD-523		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NSVRB521S30T1G

Product Attribute				
Part Number	NSVRB521S30T1G	NSVR0240V2T1G	NSVR0240HT1G	NSVR1020MW2T1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - DC Reverse (Vr) (Max)	30 V	40 V	40 V	20 V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	SOD-523	SOD-523	SOD-323	SOD-323
Base Product Number	NSVRB521	NSVR0240	NSVR0240	NSVR1020
Capacitance @ Vr, F	-	4pF @ 5V, 1MHz	4pF @ 5V, 1MHz	29pF @ 5V, 1MHz
Voltage - Forward (Vf) (Max) @ If	500 mV @ 200 mA	700 mV @ 200 mA	710 mV @ 200 mA	540 mV @ 1 A
Series	-	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101
Operating Temperature - Junction	-55°C ~ 125°C	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C
Package / Case	SC-79, SOD-523	SC-79, SOD-523	SC-76, SOD-323	SC-76, SOD-323
Technology	Schottky	Schottky	Schottky	Schottky
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Speed	Small Signal =< 200mA (Io), Any Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Current - Reverse Leakage @ Vr	30 µA @ 10 V	10 µA @ 40 V	10 µA @ 40 V	40 µA @ 15 V
Current - Average Rectified (Io)	200mA	250mA	250mA	1A

NSVRB521S30T1G Datasheet PDF

Download NSVRB521S30T1G pdf datasheets and onsemi documentation for NSVRB521S30T1G - onsemi.

Datasheets

[RB521S30.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Design/Specification

[Cancellation 05/Aug/2021.pdf](#)

[Mult Changes 09/Sep/2020.pdf](#)

PCN Packaging

[Taping Option Devices 24/Sep/2019.pdf](#)

Customers Also Interested in

Recommended Products



NSVTB60BDW1T1G
onsemi
TRANS NPN/PNP COMBO SC88-6



NSVMUN5336DW1T1G
onsemi
COMPLEMENTARY DIGITAL TRA



NSVR0240V2T1G
onsemi
DIODE SCHOTTKY 40V 250MA SOD523



NSVR0240HT1G
onsemi
DIODE SCHOTTKY 40V 250MA SOD323



NSVR1020MW2T1G
onsemi
DIODE SCHOTTKY 20V 1A SOD323



NSVR0520V2T1G
onsemi
DIODE SCHOTTKY 20V 500MA SOD523



NSVT3904DXV6T1G
onsemi
TRANS 2NPN 40V 0.2A SOT563



NSVUMC3NT1G
onsemi
TRANS NPN/PNP PREBIAS 0.15W SC88



NSVUMC2NT1G
onsemi
TRANS NPN/PNP PREBIAS 0.15W SC70



NSVRB751S40T1G
onsemi
DIODE SCHOTTKY 30V 30MA SOD523



NSVR0340HT1G
onsemi
DIODE SCHOTTKY 40V 250MA SOD323



NSVR0320XV6T1G
onsemi
DIODE SCHOTTKY 23V 1A SOT563



NSVR0170HT1G
onsemi
DIODE SCHOTTKY 70V 70MA SOD323



NSVPZTA92T1G
onsemi
TRANS PNP 300V 0.5A SOT223



NSVRB751V40T1G
onsemi
DIODE SCHOTTKY 30V 30MA SOD323



NSVR0320MW2T1G
onsemi
DIODE SCHOTTKY 20V 1A SOD323



NSVT30010MXV6T1G
onsemi
TRANS 2PNP 30V 0.1A SOT563



NSVT489AMT1G
onsemi
TRANS NPN 30V 2A 6TSOP

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

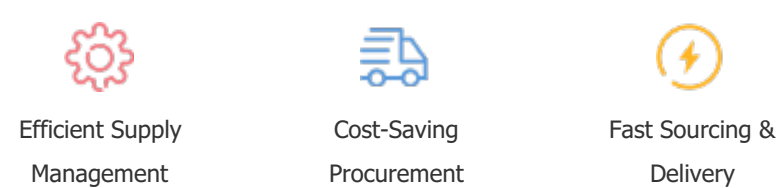
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

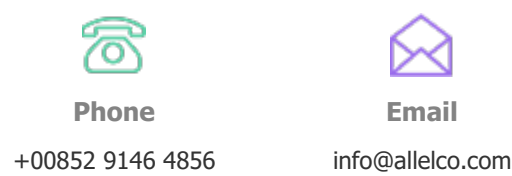
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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