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See specifications for product details.



NRVBS540T3G

Manufacturer Part Number	NRVBS540T3G
Manufacturer	onsemi
Allelco Part Number	32D-NRVBS540T3G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE SCHOTTKY 40V 5A SMC
Package	DO-214AB, SMC
Data sheet	SMC Pkg Drawing.pdf MBRS540T3.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NRVBS540T3G - onsemi.New Original in Stock. Download Linear Technology NRVBS540T3G datasheet/specifications on AllelcoElec.com.
Request a quote for NRVBS540T3G, please send us email: info@allelco.com

Specifications

NRVBS540T3G Tech Specifications

NRVBS540T3G - 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 @ 5 A	Operating Temperature - Junction	-65°C ~ 150°C
Voltage - DC Reverse (Vr) (Max)	40 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	300 µA @ 40 V
Supplier Device Package	SMC	Current - Average Rectified (Io)	5A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	Automotive, AEC-Q101	Base Product Number	NRVBS540
Package / Case	DO-214AB, SMC		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NRVBS540T3G

Product Attribute				
Part Number	NRVBS540T3G	NRVHP140SFT3G	NRVBS330T3G	NRVBSS16GHE
Manufacturer	onsemi	onsemi	onsemi	onsemi
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 1A (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Base Product Number	NRVBS540	NRVHP140	NRVBS330	NRVBSS16
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Capacitance @ Vr, F	-	-	-	43pF @ 4V, 1MHz
Operating Temperature - Junction	-65°C ~ 150°C	-65°C ~ 175°C	-65°C ~ 150°C	-55°C ~ 150°C
Voltage - Forward (Vf) (Max) @ If	500 mV @ 5 A	1.4 V @ 2 A	500 mV @ 3 A	680 mV @ 1 A
Technology	Schottky	Standard	Schottky	Schottky
Package / Case	DO-214AB, SMC	SOD-123F	DO-214AB, SMC	2-SMD, Flat Lead
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101
Current - Average Rectified (Io)	5A	1A	3A	1A
Voltage - DC Reverse (Vr) (Max)	40 V	400 V	30 V	60 V
Current - Reverse Leakage @ Vr	300 µA @ 40 V	500 nA @ 400 V	2 mA @ 40 V	50 µA @ 60 V
Supplier Device Package	SMC	SOD-123FL	SMC	SOD-323HE
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

NRVBS540T3G Datasheet PDF

Download NRVBS540T3G pdf datasheets and onsemi documentation for NRVBS540T3G - onsemi.

Datasheets

[SMC Pkg Drawing.pdf](#)

[MBRS540T3.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Design/Specification

[403AC case 27/Feb/2017.pdf](#)

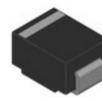
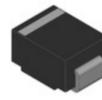
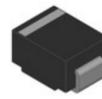
[NRVBSx/SBRS8340T3G 29/Jun/2022.pdf](#)

PCN Assembly/Origin

[Mult Devices Assembly 07/Mar/2018.pdf](#)

Customers Also Interested in

Recommended Products

**NRVHP140SFT3G**onsemi
DIODE GEN PURP 400V 1A
SOD123FL**NRVBS330T3G**onsemi
DIODE SCHOTTKY 30V 3A SMC**NRVBS16HE**onsemi
DIODE SCHOTTKY 60V 1A SOD323HE**NRVBS410LT3G**onsemi
DIODE SCHOTTKY 10V 4A SMB**NRVHP120SFT3G**onsemi
DIODE GEN PURP 200V 1A
SOD123FL**NRVHPM220T3G**onsemi
DIODE GEN PURP 200V 2A
POWERMITE**NRVBS24T3G**onsemi
DIODE SCHOTTKY 40V 2A SMB**NRVBS3201T3G**onsemi
DIODE SCHOTTKY 200V 3A SMC**NRVBS360BT3G**onsemi
DIODE SCHOTTKY 60V 3A SMB**NRVBS4201T3G**onsemi
DIODE SCHOTTKY 200V 4A SMC**NRVBS360T3G**onsemi
DIODE SCHOTTKY 60V 3A SMC**NRVHP220SFT3G**onsemi
DIODE GEN PURP 200V 2A
SOD123FL**NRVBS3200T3G**onsemi
DIODE SCHOTTKY 200V 3A SMB**NRVHPM120T3G**onsemi
DIODE GEN PURP 200V 1A
POWERMITE**NRVHPRS1MFA**onsemi
DIODE GP 1KV 800MA SOD123FL**NRVBS26T3G**onsemi
DIODE SCHOTTKY 60V 2A SMB**NRVBS3200T3G-VF01**onsemi
DIODE SCHOTTKY 200V 3A SMB

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
ManagementCost-Saving
ProcurementFast Sourcing &
Delivery

Contact us if you have any questions.



Phone

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Certifications & Memberships



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