



Image may be representation.
See specifications for product details.



NSVMSD42WT1G

Manufacturer Part Number	NSVMSD42WT1G
Manufacturer	onsemi
Allelco Part Number	32D-NSVMSD42WT1G
ECAD Model	Request Free CAD Models
Parts Description	TRANS NPN 300V 0.15A SC70-3
Package	SC-70, SOT-323
Data sheet	MSD42WT1,42T1.pdf
RoHs Status	ROHS3 Compliant

[Get a Quote](#)

NSVMSD42WT1G - onsemi.New Original in Stock. Download Linear Technology NSVMSD42WT1G datasheet/specifications on AllelcoElec.com.
Request a quote for NSVMSD42WT1G, please send us email: info@allelco.com

Specifications

NSVMSD42WT1G Tech Specifications

NSVMSD42WT1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Collector Emitter Breakdown (Max)	300 V	Operating Temperature	-55°C ~ 150°C (TJ)
Vce Saturation (Max) @ Ib, Ic	500mV @ 2mA, 20mA	Mounting Type	Surface Mount
Transistor Type	NPN	Frequency - Transition	-
Supplier Device Package	SC-70-3 (SOT323)	DC Current Gain (hFE) (Min) @ Ic, Vce	40 @ 30mA, 10V
Series	-	Current - Collector Cutoff (Max)	100nA (ICBO)
Power - Max	450 mW	Current - Collector (Ic) (Max)	150 mA
Package / Case	SC-70, SOT-323	Base Product Number	NSVMSD42

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NSVMSD42WT1G

Product Attribute				
Part Number	NSVMSD42WT1G	NSVMMBTA05LT1G	NSVMMBT6520LT1G	NSVMMUN2232LT1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-
Current - Collector Cutoff (Max)	100nA (ICBO)	100nA	50nA (ICBO)	500nA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	SC-70, SOT-323	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3
Current - Collector (Ic) (Max)	150 mA	500 mA	500 mA	100 mA
Series	-	-	Automotive, AEC-Q101	-
Transistor Type	NPN	NPN	PNP	NPN - Pre-Biased
Supplier Device Package	SC-70-3 (SOT323)	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)
Vce Saturation (Max) @ Ib, Ic	500mV @ 2mA, 20mA	250mV @ 10mA, 100mA	1V @ 5mA, 50mA	250mV @ 1mA, 10mA
Base Product Number	NSVMSD42	NSVMMBTA05	NSVMMBT6520	NSVMMUN2232
Power - Max	450 mW	225 mW	225 mW	246 mW
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Frequency - Transition	-	100MHz	200MHz	-
DC Current Gain (hFE) (Min) @ Ic, Vce	40 @ 30mA, 10V	100 @ 100mA, 1V	20 @ 50mA, 10V	15 @ 5mA, 10V
Voltage - Collector Emitter Breakdown (Max)	300 V	60 V	350 V	50 V

NSVMSD42WT1G Datasheet PDF

Download NSVMSD42WT1G pdf datasheets and onsemi documentation for NSVMSD42WT1G - onsemi.

Datasheets

[MSD42WT1,42T1.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

PCN Design/Specification

[Green Compound Update 04/Mar/2015.pdf](#)

Customers Also Interested in

Recommended Products



NSVMMUN2232LT1G
onsemi
TRANS PREBIAS NPN 50V SOT23-3



NSVMUN5211DW1T3G
onsemi
TRANS PREBIAS 2NPN 50V SC88



NSVMUN2212T1G
onsemi
TRANS PREBIAS NPN 50V SC59-3



NSVMMBTH10LT1G
onsemi
RF TRANS NPN 25V 650MHZ SOT23



NSVMUN5213DW1T3G
onsemi
TRANS NPN 50V DUAL BIPO SC88-6



NSVMMBTA05LT1G
onsemi
TRANS NPN 60V 0.5A SOT23-3



NSVMMUN2136LT1G
onsemi
TRANS PNP BIPOLAR SOT23



NSVMUN5137DW1T1G
onsemi
TRANS PREBIAS 2PNP 50V SC88



NSVMUN2237T1G
onsemi
TRANS PREBIAS NPN 0.23W SC59



NSVMMBT6520LT1G
onsemi
TRANS PNP 350V 0.5A SOT23-3



NSVMUN2112T1G
onsemi
TRANS PREBIAS PNP 50V SC59-3



NSVMMUN2235LT1G
onsemi
TRANS PREBIAS NPN 50V SOT23-3



NSVMUN5132T1G
onsemi
TRANS PREBIAS PNP 50V SC70-3



NSVMMUN2212LT1G
onsemi
TRANS PREBIAS NPN 50V SOT23-3



NSVMUN5212DW1T1G
onsemi
TRANS 2NPN PREBIAS 0.25W SOT363



NSVMMUN2133LT1G
onsemi
TRANS PREBIAS PNP 0.246W SOT23



NSVMMUN2112LT1G
onsemi
TRANS PREBIAS PNP 0.246W SOT23



NSVMUN5111DW1T3G
onsemi
TRANS PREBIAS 2PNP 50V SC88

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

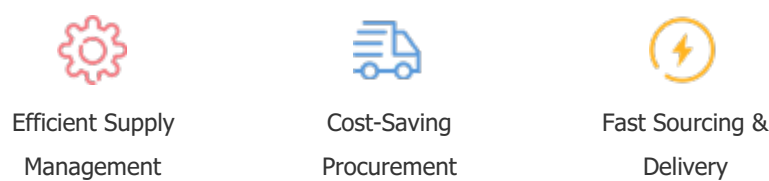
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

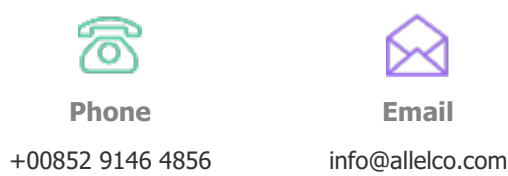
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)