



Image may be representation.
See specifications for product details.



NSVBC144EPDXV6T1G

Manufacturer Part Number	NSVBC144EPDXV6T1G
Manufacturer	onsemi
Allelco Part Number	32D-NSVBC144EPDXV6T1G
ECAD Model	Request Free CAD Models
Parts Description	TRANS PREBIAS NPN/PNP 50V SOT563
Package	SOT-563, SOT-666
Data sheet	MUN5313DW1, NSBC144EPDxx.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NSVBC144EPDXV6T1G - onsemi.New Original in Stock. Download Linear Technology NSVBC144EPDXV6T1G datasheet/specifications on AllelcoElec.com.
Request a quote for NSVBC144EPDXV6T1G, please send us email: info@allelco.com

Specifications

NSVBC144EPDXV6T1G Tech Specifications
NSVBC144EPDXV6T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	SOT-563, SOT-666
Voltage - Collector Emitter Breakdown (Max)	50V	Package	Tape & Reel (TR)
Vce Saturation (Max) @ Ib, Ic	250mV @ 300µA, 10mA	Mounting Type	Surface Mount
Transistor Type	1 NPN, 1 PNP - Pre-Biased (Dual)	Frequency - Transition	-
Supplier Device Package	SOT-563	DC Current Gain (hFE) (Min) @ Ic, Vce	80 @ 5mA, 10V
Series	Automotive, AEC-Q101	Current - Collector Cutoff (Max)	500nA
Resistor - Emitter Base (R2)	47kOhms	Current - Collector (Ic) (Max)	100mA
Resistor - Base (R1)	47kOhms	Base Product Number	NSVBC144
Power - Max	500mW		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NSVBC144EPDXV6T1G

Product Attribute				
Part Number	NSVBC144EPDXV6T1G	NSVBC143ZPDXV6T5G	NSVBC114EDXV6T1G	NSVBC114YDXV6T1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Transistor Type	1 NPN, 1 PNP - Pre-Biased (Dual)	1 NPN, 1 PNP - Pre-Biased (Dual)	2 NPN - Pre-Biased (Dual)	2 NPN - Pre-Biased (Dual)
Base Product Number	NSVBC144	NSVBC143	NSVBC114	NSVBC114
Voltage - Collector Emitter Breakdown (Max)	50V	50V	50V	50V
Resistor - Base (R1)	47kOhms	4.7kOhms	10kOhms	10kOhms
Supplier Device Package	SOT-563	SOT-563	SOT-563	SOT-563
Current - Collector Cutoff (Max)	500nA	500nA	500nA	500nA
Power - Max	500mW	500mW	500mW	500mW
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	-	-
DC Current Gain (hFE) (Min) @ Ic, Vce	80 @ 5mA, 10V	80 @ 5mA, 10V	35 @ 5mA, 10V	80 @ 5mA, 10V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Collector (Ic) (Max)	100mA	100mA	100mA	100mA
Vce Saturation (Max) @ Ib, Ic	250mV @ 300µA, 10mA	250mV @ 1mA, 10mA	250mV @ 300µA, 10mA	250mV @ 300µA, 10mA
Resistor - Emitter Base (R2)	47kOhms	47kOhms	10kOhms	47kOhms
Frequency - Transition	-	-	-	-
Package / Case	SOT-563, SOT-666	SOT-563, SOT-666	SOT-563, SOT-666	SOT-563, SOT-666

NSVBC144EPDXV6T1G Datasheet PDF

Download NSVBC144EPDXV6T1G pdf datasheets and onsemi documentation for NSVBC144EPDXV6T1G - onsemi.

Datasheets

[MUN5313DW1, NSBC144EPDxx.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Assembly/Origin

[Mult Dev Assembly Chgs 3/Jul/2020.pdf](#)

PCN Design/Specification

[Carrier Tape 22/Aug/2017.pdf](#)

Customers Also Interested in

Recommended Products

NSVBC848CLT1G onsemi TRANS NPN 30V 0.1A SOT23-3	NSVBC850BLT1G onsemi TRANS NPN 45V 0.1A SOT23-3	NSVBC143ZPDXV6T5G onsemi TRANS PREBIAS NPN/PNP 50V SOT563	NSVBC114EDXV6T1G onsemi TRANS 2NPN BIAS BIPOLAR SOT563	NSVBAV99WT3G onsemi DIODE ARRAY GP 99V 200MA SC70	NSVBC114YDXV6T1G onsemi TRANS PREBIAS 2NPN 50V SOT563
NSVBC143ZPDXV6T1G onsemi TRANS PREBIAS NPN/PNP 50V SOT563	NSVBC847BTT1G onsemi TRANS NPN 45V 0.1A SC75 SOT416	NSVBC817-40WT1G onsemi TRANS NPN 45V 0.5A SC70-3	NSVBAV70TT1G onsemi DIODE ARRAY SW 100V 100MA SC75	NSVBC857BLT3G onsemi TRANS PNP 45V 0.1A SOT23-3	NSVBC817-16LT1G onsemi TRANS NPN 45V 0.5A SOT23-3
NSVBC124EPDXV6T1G onsemi SS SOT563 DUAL RSTR XSTR	NSVBC858BLT1G onsemi TRANS PNP 30V 0.1A SOT23-3	NSVBAV70TT3G onsemi DIODE ARRAY SW 100V 100MA SC75	NSVBC846BM3T5G onsemi TRANS NPN 65V 0.1A SOT723	NSVBCP53-16T3G onsemi TRANS PNP 80V 1.5A SOT223	NSVBC818-40LT1G onsemi TRANS NPN 25V 0.5A SOT23-3

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
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Contact us if you have any questions.

Phone +00852 9146 4856	Email info@allelco.com
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Certifications & Memberships



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