



Image may be representation.
See specifications for product details.



SMUN5312DW1T1G

Manufacturer Part Number	SMUN5312DW1T1G
Manufacturer	onsemi
Allelco Part Number	32D-SMUN5312DW1T1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	TRANS NPN/PNP PREBIAS SOT363
Package	6-TSSOP, SC-88, SOT-363
Data sheet	MUN5312DW1, NSBC124EPDxx.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SMUN5312DW1T1G - onsemi.New Original in Stock. Download Linear Technology SMUN5312DW1T1G datasheet/specifications on AllelcoElec.com.
Request a quote for SMUN5312DW1T1G, please send us email: info@allelco.com

Specifications

SMUN5312DW1T1G Tech Specifications
SMUN5312DW1T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	6-TSSOP, SC-88, SOT-363
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	SC-88/SC70-6/SOT-363	DC Current Gain (hFE) (Min) @ Ic, Vce	60 @ 5mA, 10V
Series	-	Current - Collector Cutoff (Max)	500nA
Resistor - Emitter Base (R2)	22kOhms	Current - Collector (Ic) (Max)	100mA
Resistor - Base (R1)	22kOhms	Base Product Number	SMUN5312
Power - Max	187mW		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi SMUN5312DW1T1G

Product Attribute				
Part Number	SMUN5312DW1T1G	SMUN5232DW1T1G	SMUN5311DW1T3G	SMUN5335DW1T1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Supplier Device Package	SC-88/SC70-6/SOT-363	SC-88/SC70-6/SOT-363	SC-88/SC70-6/SOT-363	SC-88/SC70-6/SOT-363
DC Current Gain (hFE) (Min) @ Ic, Vce	60 @ 5mA, 10V	15 @ 5mA, 10V	35 @ 5mA, 10V	80 @ 5mA, 10V
Current - Collector Cutoff (Max)	500nA	500nA	500nA	500nA
Transistor Type	1 NPN, 1 PNP - Pre-Biased (Dual)	2 NPN - Pre-Biased (Dual)	1 NPN, 1 PNP - Pre-Biased (Dual)	1 NPN, 1 PNP - Pre-Biased (Dual)
Vce Saturation (Max) @ Ib, Ic	250mV @ 300µA, 10mA	250mV @ 1mA, 10mA	250mV @ 300µA, 10mA	250mV @ 300µA, 10mA
Resistor - Emitter Base (R2)	22kOhms	4.7kOhms	10kOhms	47kOhms
Voltage - Collector Emitter Breakdown (Max)	50V	50V	50V	50V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	6-TSSOP, SC-88, SOT-363	6-TSSOP, SC-88, SOT-363	6-TSSOP, SC-88, SOT-363	6-TSSOP, SC-88, SOT-363
Base Product Number	SMUN5312	SMUN5232	SMUN5311	SMUN5335
Resistor - Base (R1)	22kOhms	4.7kOhms	10kOhms	2.2kOhms
Frequency - Transition	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Power - Max	187mW	187mW	187mW	187mW
Series	-	-	Automotive, AEC-Q101	Automotive, AEC-Q101
Current - Collector (Ic) (Max)	100mA	100mA	100mA	100mA

SMUN5312DW1T1G Datasheet PDF

Download SMUN5312DW1T1G pdf datasheets and onsemi documentation for SMUN5312DW1T1G - onsemi.

Datasheets

[MUN5312DW1, NSBC124EPDxx.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

PCN Design/Specification



















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

PCN Assembly/Origin

[Mult Dev Wire Qual 29/Aug/2019.pdf](#)

Customers Also Interested in

Recommended Products

					
SMUN5232DW1T1G onsemi TRANS 2NPN PREBIAS 0.187W SOT363	SMUN5311DW1T3G onsemi TRANS NPN/PNP PREBIAS SOT363	SMUN5335DW1T1G onsemi TRANS NPN/PNP PREBIAS SOT363	SMUN5311DW1T1G onsemi TRANS PREBIAS 1NPN 1PNP 50V SC88	SMUN5216DW1T1G onsemi TRANS 2NPN PREBIAS 0.187W SOT363	SMUN5230DW1T1G onsemi TRANS 2NPN PREBIAS 0.187W SOT363
					
SMUN5311DW1T2G onsemi TRANS PREBIAS 1NPN 1PNP 50V SC88	SMUN5335DW1T2G onsemi TRANS NPN/PNP PREBIAS SOT363	SMUN5313DW1T1G onsemi TRANS PREBIAS 1NPN 1PNP 50V SC88	SMUN5233DW1T1G onsemi TRANS PREBIAS 2NPN 50V SC88	SMUN5214T1G onsemi TRANS PREBIAS NPN 50V SC70-3	SMUN5231DW1T1G onsemi TRANS 2NPN 50V 0.25W SC88
					
SMUN5215T1G Fairchild Semiconductor SMALL SIGNAL BIPOLAR TRANSISTOR,	SMUN5313DW1T3G onsemi TRANS NPN/PNP PREBIAS SOT363	SMUN5233T1G onsemi TRANS PREBIAS NPN 50V SC70-3	SMUN5235T1G-M02 onsemi NPN BIPOLAR DIGITAL TRANSISTOR (SMUN5215T1G onsemi TRANS PREBIAS NPN 50V SC70-3	SMUN5314DW1T1G onsemi TRANS PREBIAS 1NPN 1PNP 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.

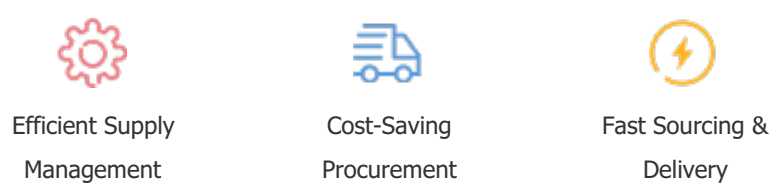
Payment Support

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



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