

Image may be representation.  
See specifications for product details.



## NCV8161ASN330T1G

Manufacturer Part Number	<b>NCV8161ASN330T1G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NCV8161ASN330T1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 3.3V 450MA 5TSOP
Package	SOT-23-5 Thin, TSOT-23-5
Data sheet	<b>NCV8161.pdf</b>
	<b>NCV8161.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

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NCV8161ASN330T1G - onsemi.New Original in Stock. Download Linear Technology NCV8161ASN330T1G datasheet/specifications on AllelcoElec.com.  
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### Specifications

NCV8161ASN330T1G Tech Specifications  
NCV8161ASN330T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	91dB ~ 48dB (100Hz ~ 100kHz)
Voltage Dropout (Max)	0.305V @ 450mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	3.3V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C (TA)
Voltage - Input (Max)	5.5V	Number of Regulators	1
Supplier Device Package	5-TSOP	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100	Current - Quiescent (Iq)	23 µA
Protection Features	Over Current, Over Temperature	Current - Output	450mA
Package / Case	SOT-23-5 Thin, TSOT-23-5	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	NCV8161

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV8161ASN330T1G

Product Attribute				
Part Number	NCV8161ASN330T1G	<b>NCV8160BMX280TBG</b>	<b>NCV8163AMX120TBG</b>	<b>NCV8161AMX290TBG</b>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Base Product Number	NCV8161	NCV8160	NCV8163	NCV8161
Supplier Device Package	5-TSOP	4-XDFN (1x1)	4-XDFN (1x1)	4-XDFN (1x1)
Control Features	Enable	Enable	Enable	Enable
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TA)
Current - Output	450mA	250mA	250mA	450mA
Voltage Dropout (Max)	0.305V @ 450mA	0.16V @ 250mA	-	-
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Number of Regulators	1	1	1	1
Voltage - Output (Min/Fixed)	3.3V	2.8V	1.2V	2.9V
PSRR	91dB ~ 48dB (100Hz ~ 100kHz)	91dB ~ 48dB (100Hz ~ 100kHz)	92dB ~ 60dB (100Hz ~ 100kHz)	91dB ~ 48dB (100Hz ~ 100kHz)
Package / Case	SOT-23-5 Thin, TSOT-23-5	4-XDFN Exposed Pad	4-XDFN Exposed Pad	4-XDFN Exposed Pad
Output Configuration	Positive	Positive	Positive	Positive
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Output Type	Fixed	Fixed	Fixed	Fixed
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Quiescent (Iq)	23 µA	23 µA	20 µA	23 µA
Voltage - Output (Max)	-	-	-	-

### NCV8161ASN330T1G Datasheet PDF

Download NCV8161ASN330T1G pdf datasheets and onsemi documentation for NCV8161ASN330T1G - onsemi.

#### Datasheets

[NCV8161.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)




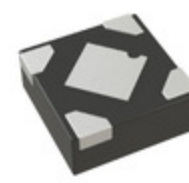
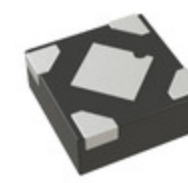



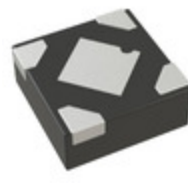


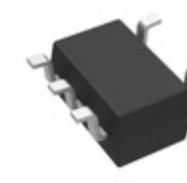


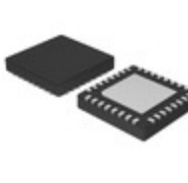
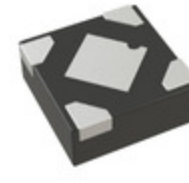
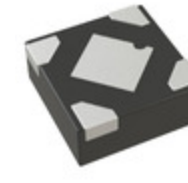
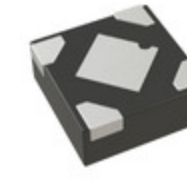
[Material Declaration NCV8161ASN330T1G.pdf](#)

#### PCN Assembly/Origin

HTML Datasheet

Customers Also Interested in

Recommended Products

 <b>NCV8160BMX280TBG</b> onsemi IC REG LINEAR 2.8V 250MA 4XDFN	 <b>NCV8163AMX120TBG</b> onsemi IC REG LINEAR 1.2V 250MA 4XDFN	 <b>NCV8161AMX290TBG</b> onsemi IC REG LINEAR 2.9V 450MA 4XDFN	 <b>NCV8163AMX250TBG</b> onsemi IC REG LINEAR 2.5V 250MA 4XDFN	 <b>NCV8163AMX280TBG</b> onsemi IC REG LINEAR 2.8V 250MA 4XDFN	 <b>NCV8160AMX180TBG</b> onsemi IC REG LINEAR 1.8V 250MA 4XDFN
 <b>NCV8160AMX330TBG</b> onsemi IC REG LINEAR 3.3V 250MA 4XDFN	 <b>NCV8161AMX330TBG</b> onsemi IC REG LINEAR 3.3V 450MA 4XDFN	 <b>NCV8163AMX330TBG</b> onsemi IC REG LINEAR 3.3V 250MA 4XDFN	 <b>NCV8161BSN280T1G</b> onsemi IC REG LINEAR 2.8V 450MA 5TSOP	 <b>NCV8160AMX280TBG</b> onsemi IC REG LINEAR 2.8V 250MA 4XDFN	 <b>NCV8161ASN300T1G</b> onsemi IC REG LINEAR 3V 450MA 5TSOP
 <b>NCV8161BSN300T1G</b> onsemi IC REG LINEAR 3V 450MA 5TSOP	 <b>NCV8163AMX180TBG</b> onsemi IC REG LINEAR 1.8V 250MA 4XDFN	 <b>NCV81599MWTXG</b> onsemi I2C CONFIGURABLE, 4-SWITCH BUCK	 <b>NCV8163AMX150TBG</b> onsemi IC REG LINEAR 1.5V 250MA 4XDFN	 <b>NCV8161AMX180TBG</b> onsemi IC REG LINEAR 1.8V 450MA 4XDFN	 <b>NCV8163AMX300TBG</b> onsemi IC REG LINEAR 3V 250MA 4XDFN

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.

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