

Image may be representation.  
See specifications for product details.



## NCP170AXV330T2G

Manufacturer Part Number	<b>NCP170AXV330T2G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NCP170AXV330T2G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LIN 3.3V 150MA SOT563-6
Package	SOT-563, SOT-666
Data sheet	<b>NCP170.pdf</b>
	<b>NCP170.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

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NCP170AXV330T2G - onsemi.New Original in Stock. Download Linear Technology NCP170AXV330T2G datasheet/specifications on AllelcoElec.com.  
Request a quote for NCP170AXV330T2G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NCP170AXV330T2G Tech Specifications  
NCP170AXV330T2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	41dB (1kHz)
Voltage Dropout (Max)	0.25V @ 150mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	3.3V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 85°C (TJ)
Voltage - Input (Max)	5.5V	Number of Regulators	1
Supplier Device Package	SOT-563	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	900 nA
Protection Features	Over Current, Over Temperature	Current - Output	150mA
Package / Case	SOT-563, SOT-666	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	NCP170

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP170AXV330T2G

Product Attribute				
Part Number	NCP170AXV330T2G	NCP176AMX330TCG	NCP170AXV180T2G	NCP170AMX280TCG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Operating Temperature	-40°C ~ 85°C (TJ)	-40°C ~ 85°C	-40°C ~ 85°C (TJ)	-40°C ~ 85°C (TJ)
Voltage - Output (Min/Fixed)	3.3V	3.3V	1.8V	2.8V
Series	-	-	-	-
Output Type	Fixed	Fixed	Fixed	Fixed
Control Features	Enable	Enable	Enable	Enable
Output Configuration	Positive	Positive	Positive	Positive
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	SOT-563, SOT-666	6-XDFN Exposed Pad	SOT-563, SOT-666	4-XDFN Exposed Pad
Voltage - Output (Max)	-	-	-	-
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Supplier Device Package	SOT-563	6-XDFN (1.2x1.2)	SOT-563	4-XDFN (1x1)
Voltage Dropout (Max)	0.25V @ 150mA	0.165V @ 500ma	0.48V @ 150mA	0.3V @ 150mA
Current - Quiescent (Iq)	900 nA	90 µA	900 nA	900 nA
PSRR	41dB (1kHz)	75dB (1kHz)	57dB (1kHz)	40dB (1kHz)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Regulators	1	1	1	1
Current - Output	150mA	500mA	150mA	150mA
Base Product Number	NCP170	NCP176	NCP170	NCP170

### NCP170AXV330T2G Datasheet PDF

Download NCP170AXV330T2G pdf datasheets and onsemi documentation for NCP170AXV330T2G - onsemi.

#### Datasheets

[NCP170.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

[Material Declaration NCP170AXV330T2G.pdf](#)

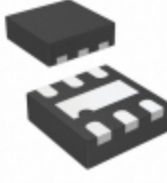














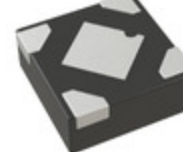


#### PCN Packaging

## HTML Datasheet

## PCN Assembly/Origin

## Customers Also Interested in

### Recommended Products

					
<b>NCP176AMX330TCG</b> onsemi IC REG LINEAR 3.3V 500MA 6XDFN	<b>NCP170AXV180T2G</b> onsemi IC REG LIN 1.8V 150MA SOT563-6	<b>NCP1800DM42R2</b> onsemi IC BATT CHG LI-ION 1CELL 8MICRO	<b>NCP170AMX280TCG</b> onsemi IC REG LINEAR 2.8V 150MA 4XDFN	<b>NCP177AMX330TCG</b> onsemi IC REG LINEAR 3.3V 500MA 4XDFN	<b>NCP177AMX110TCG</b> onsemi IC REG LINEAR 1.1V 500MA 4XDFN
					
<b>NCP1729SN35T1</b> onsemi IC REG CHARG PUMP INV 50MA 6TSOP	<b>NCP170AXV190T2G</b> onsemi IC REG LIN 1.9V 150MA SOT563-6	<b>NCP1729SN35T1G</b> onsemi IC REG CHARG PUMP INV 50MA 6TSOP	<b>NCP176AMX180TCG</b> onsemi IC REG LINEAR 1.8V 500MA 6XDFN	<b>NCP170AMX280TBG</b> onsemi IC REG LINEAR 2.8V 150MA 4XDFN	<b>NCP177AMX180TCG</b> onsemi IC REG LINEAR 1.8V 500MA 4XDFN
					
<b>NCP170ASN330T2G</b> onsemi IC REG LINEAR 3.3V 150MA 5TSOP	<b>NCP170ASN300T2G</b> onsemi IC REG LINEAR 3V 150MA 5TSOP	<b>NCP170ASN250T2G</b> onsemi IC REG LINEAR 2.5V 150MA 5TSOP	<b>NCP170BMX180TCG</b> onsemi IC REG LINEAR 1.8V 150MA 4XDFN	<b>NCP170AMX180TCG</b> onsemi IC REG LINEAR 1.8V 150MA 4XDFN	<b>NCP170AXV300T2G</b> onsemi IC REG LINEAR 3V 150MA SOT563-6

## 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 Alleco 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

Contact us if you have any questions.

-  Phone  
+00852 9146 4856
-  Email  
info@alleco.com

## Certifications & Memberships



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