

Image may be representation.
See specifications for product details.



NCP170AXV180T2G

Manufacturer Part Number	NCP170AXV180T2G
Manufacturer	onsemi
Allelco Part Number	32D-NCP170AXV180T2G
ECAD Model	Request Free CAD Models
Parts Description	IC REG LIN 1.8V 150MA SOT563-6
Package	SOT-563, SOT-666
Data sheet	NCP170.pdf
	NCP170.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCP170AXV180T2G - onsemi.New Original in Stock. Download Linear Technology NCP170AXV180T2G datasheet/specifications on AllelcoElec.com.
Request a quote for NCP170AXV180T2G, please send us email: info@allelco.com

Specifications

NCP170AXV180T2G Tech Specifications
NCP170AXV180T2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	57dB (1kHz)
Voltage Dropout (Max)	0.48V @ 150mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	1.8V	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 NCP170AXV180T2G

Product Attribute				
Part Number	NCP170AXV180T2G	NCP170BMX180TCG	NCP170AXV300T2G	NCP176AMX330TCG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Current - Quiescent (Iq)	900 nA	900 nA	900 nA	90 µA
Operating Temperature	-40°C ~ 85°C (TJ)	-40°C ~ 85°C (TJ)	-40°C ~ 85°C (TJ)	-40°C ~ 85°C
Output Configuration	Positive	Positive	Positive	Positive
Base Product Number	NCP170	NCP170	NCP170	NCP176
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
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
Control Features	Enable	Enable	Enable	Enable
Supplier Device Package	SOT-563	4-XDFN (1x1)	SOT-563	6-XDFN (1.2x1.2)
Package / Case	SOT-563, SOT-666	4-XDFN Exposed Pad	SOT-563, SOT-666	6-XDFN Exposed Pad
Current - Output	150mA	150mA	150mA	500mA
Voltage Dropout (Max)	0.48V @ 150mA	0.48V @ 150mA	0.26V @ 150mA	0.165V @ 500ma
Output Type	Fixed	Fixed	Fixed	Fixed
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Voltage - Output (Min/Fixed)	1.8V	1.8V	3V	3.3V
Series	-	-	-	-
PSRR	57dB (1kHz)	57dB (1kHz)	47dB (1kHz)	75dB (1kHz)
Voltage - Output (Max)	-	-	-	-
Number of Regulators	1	1	1	1

NCP170AXV180T2G Datasheet PDF

Download NCP170AXV180T2G pdf datasheets and onsemi documentation for NCP170AXV180T2G - onsemi.

Datasheets

[NCP170.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

[Material Declaration NCP170AXV180T2G.pdf](#)




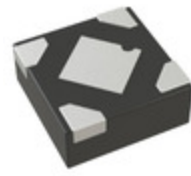
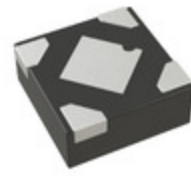






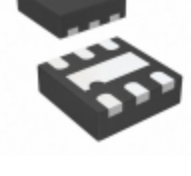



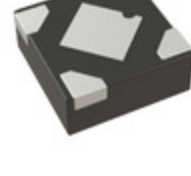
PCN Packaging

HTML Datasheet

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

					
NCP170BMX180TCG	NCP170AXV300T2G	NCP1680AAD1R2G	NCP176AMX330TCG	NCP177AMX110TCG	NCP170AMX280TCG
onsemi IC REG LINEAR 1.8V 150MA 4XDFN	onsemi IC REG LINEAR 3V 150MA SOT563-6	onsemi TOTEM POLE CRITICAL CONDUCTION M	onsemi IC REG LINEAR 3.3V 500MA 6XDFN	onsemi IC REG LINEAR 1.1V 500MA 4XDFN	onsemi IC REG LINEAR 2.8V 150MA 4XDFN
					
NCP1680ABD1R2G	NCP170AMX180TCG	NCP170ASN250T2G	NCP170AXV190T2G	NCP170AXV330T2G	NCP170ASN300T2G
onsemi TOTEM POLE CRITICAL CONDUCTION M	onsemi IC REG LINEAR 1.8V 150MA 4XDFN	onsemi IC REG LINEAR 2.5V 150MA 5TSOP	onsemi IC REG LIN 1.9V 150MA SOT563-6	onsemi IC REG LIN 3.3V 150MA SOT563-6	onsemi IC REG LINEAR 3V 150MA 5TSOP
					
NCP1729SN35T1	NCP176AMX180TCG	NCP167BMX330TBG	NCP170ASN330T2G	NCP1729SN35T1G	NCP177AMX180TCG
onsemi IC REG CHARG PUMP INV 50MA 6TSOP	onsemi IC REG LINEAR 1.8V 500MA 6XDFN	onsemi IC REG LINEAR 3.3V 700MA 4XDFN	onsemi IC REG LINEAR 3.3V 150MA 5TSOP	onsemi IC REG CHARG PUMP INV 50MA 6TSOP	onsemi IC REG LINEAR 1.8V 500MA 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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Certifications & Memberships



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