

Image may be representation.  
See specifications for product details.



## NCP606MN33T2G

Manufacturer Part Number	<b>NCP606MN33T2G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NCP606MN33T2G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 3.3V 500MA 6DFN
Package	6-VDFN Exposed Pad
Data sheet	<b>NCP605,606.pdf</b> <b>NCP605,606.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

NCP606MN33T2G - onsemi. New Original in Stock. Download Linear Technology NCP606MN33T2G datasheet/specifications on AllelcoElec.com.  
Request a quote for NCP606MN33T2G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NCP606MN33T2G Tech Specifications  
NCP606MN33T2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	-
Voltage Dropout (Max)	0.22V @ 500mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	3.3V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	6V	Number of Regulators	1
Supplier Device Package	6-DFN (3x3.3)	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	180 µA
Protection Features	Over Temperature, Short Circuit	Current - Output	500mA
Package / Case	6-VDFN Exposed Pad	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	NCP606

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP606MN33T2G

Product Attribute				
Part Number	NCP606MN33T2G	<b>NCP606MN25T2G</b>	<b>NCP612SQ2T1</b>	<b>NCP605MN33T2G</b>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 125°C
Package / Case	6-VDFN Exposed Pad	6-VDFN Exposed Pad	5-TSSOP, SC-70-5, SOT-353	6-VDFN Exposed Pad
PSRR	-	-	-	-
Voltage - Output (Min/Fixed)	3.3V	2.5V	2.7V	3.3V
Series	-	-	-	-
Current - Output	500mA	500mA	100mA	500mA
Number of Regulators	1	1	1	1
Voltage - Input (Max)	6V	6V	6V	6V
Current - Quiescent (Iq)	180 µA	180 µA	90 µA	180 µA
Output Type	Fixed	Fixed	Fixed	Fixed
Supplier Device Package	6-DFN (3x3.3)	6-DFN (3x3.3)	SC-88A (SC-70-5/SOT-353)	6-DFN (3x3.3)
Control Features	Enable	Enable	Enable	Enable
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Protection Features	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Current, Over Temperature	Over Temperature, Short Circuit
Base Product Number	NCP606	NCP606	NCP612	NCP605
Voltage Dropout (Max)	0.22V @ 500mA	0.25V @ 500mA	0.38V @ 100mA	0.22V @ 500mA
Voltage - Output (Max)	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Output Configuration	Positive	Positive	Positive	Positive

### NCP606MN33T2G Datasheet PDF

Download NCP606MN33T2G pdf datasheets and onsemi documentation for NCP606MN33T2G - onsemi.

#### Datasheets

[NCP605,606.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

[Material Declaration NCP606MN33T2G.pdf](#)

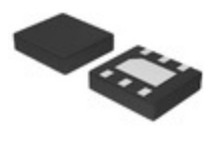

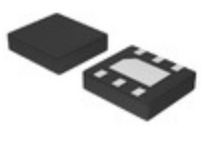

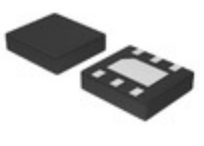

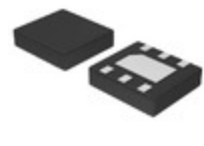

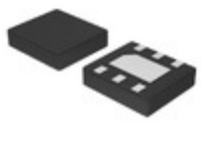





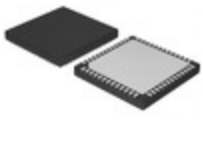



#### PCN Design/Specification

## HTML Datasheet

## PCN Assembly/Origin

## Customers Also Interested in

### Recommended Products

 <b>NCP606MN25T2G</b> onsemi IC REG LINEAR 2.5V 500MA 6DFN	 <b>NCP612SQ27T1</b> onsemi IC REG LINEAR 2.7V 100MA SC88A	 <b>NCP605MN33T2G</b> onsemi IC REG LINEAR 3.3V 500MA 6DFN	 <b>NCP603SN500T1G</b> onsemi IC REG LINEAR 5V 300MA 5TSOP	 <b>NCP606MN30T2G</b> onsemi IC REG LINEAR 3V 500MA 6DFN	 <b>NCP605MN18T2G</b> onsemi IC REG LINEAR 1.8V 500MA 6DFN
 <b>NCP605MN50T2G</b> onsemi IC REG LINEAR 5V 500MA 6DFN	 <b>NCP6121</b> AMI Semiconductor/onsemi	 <b>NCP606MN18T2G</b> onsemi IC REG LINEAR 1.8V 500MA 6DFN	 <b>NCP612SQ18T2G</b> onsemi IC REG LINEAR 1.8V 100MA SC88A	 <b>NCP612SQ15T1</b> onsemi IC REG LINEAR 1.5V 100MA SC88A	 <b>NCP603SNADJT1G</b> onsemi IC REG LIN POS ADJ 300MA 5TSOP
 <b>NCP606MNADJT2G</b> onsemi IC REG LINEAR POS ADJ 500MA 6DFN	 <b>NCP606MN50T2G</b> onsemi IC REG LINEAR 5V 500MA 6DFN	 <b>NCP6121S52MNR2G</b> onsemi IC REG CTRLR VR12 2OUT 52QFN	 <b>NCP605MN25T2G</b> onsemi IC REG LINEAR 2.5V 500MA 6DFN	 <b>NCP605MN28T2G</b> onsemi IC REG LINEAR 2.8V 500MA 6DFN	 <b>NCP612SQ18T1G</b> onsemi IC REG LINEAR 1.8V 100MA SC88A

## 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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