

Image may be representation.
See specifications for product details.



NCP606MNADJT2G

Manufacturer Part Number	NCP606MNADJT2G
Manufacturer	onsemi
Allelco Part Number	32D-NCP606MNADJT2G
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR POS ADJ 500MA 6DFN
Package	6-VDFN Exposed Pad
Data sheet	Cylindrical Battery Holders.pdf NCP605,606.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCP606MNADJT2G - onsemi.New Original in Stock. Download Linear Technology NCP606MNADJT2G datasheet/specifications on AllelcoElec.com.
Request a quote for NCP606MNADJT2G, please send us email: info@allelco.com

Specifications

NCP606MNADJT2G Tech Specifications
NCP606MNADJT2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	62dB ~ 40dB (120Hz ~ 10kHz)
Voltage Dropout (Max)	0.47V @ 500mA	Output Type	Adjustable
Voltage - Output (Min/Fixed)	1.25V	Output Configuration	Positive
Voltage - Output (Max)	5V	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 NCP606MNADJT2G

Product Attribute				
Part Number	NCP606MNADJT2G	NCP606MN30T2G	NCP612SQ28T1	NCP612SQ15T1
Manufacturer	onsemi	onsemi	onsemi	onsemi
Current - Quiescent (Iq)	180 µA	180 µA	90 µA	90 µA
Voltage - Output (Min/Fixed)	1.25V	3V	2.8V	1.5V
Current - Output	500mA	500mA	100mA	100mA
Protection Features	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Current, Over Temperature	Over Current, Over Temperature
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
PSRR	62dB ~ 40dB (120Hz ~ 10kHz)	-	-	-
Number of Regulators	1	1	1	1
Series	-	-	-	-
Control Features	Enable	Enable	Enable	Enable
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 85°C
Package / Case	6-VDFN Exposed Pad	6-VDFN Exposed Pad	5-TSSOP, SC-70-5, SOT-353	5-TSSOP, SC-70-5, SOT-353
Output Type	Adjustable	Fixed	Fixed	Fixed
Voltage - Input (Max)	6V	6V	6V	6V
Voltage - Output (Max)	5V	-	-	-
Voltage Dropout (Max)	0.47V @ 500mA	0.23V @ 500mA	0.38V @ 100mA	0.68V @ 100mA
Output Configuration	Positive	Positive	Positive	Positive
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	6-DFN (3x3.3)	6-DFN (3x3.3)	SC-88A (SC-70-5/SOT-353)	SC-88A (SC-70-5/SOT-353)
Base Product Number	NCP606	NCP606	NCP612	NCP612

NCP606MNADJT2G Datasheet PDF

Download NCP606MNADJT2G pdf datasheets and onsemi documentation for NCP606MNADJT2G - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration NCP606MNADJT2G.pdf](#)

PCN Packaging

2.73KHz.pdf

PCN Design/Specification

Case Outline 24/Aug/2020.pdf

NCP606MNADJT2G 29/Jun/2022.pdf

HTML Datasheet

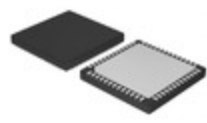
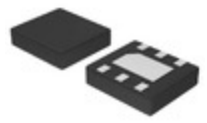


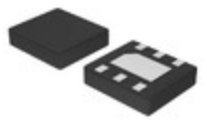


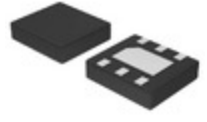








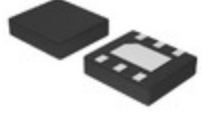

NCP605,606.pdf

PCN Assembly/Origin

Wafer Fab 29/Sep/2022.pdf

Customers Also Interested in

Recommended Products

 NCP6121S52MNR2G onsemi IC REG CTRLR VR12 2OUT 52QFN	 NCP606MN30T2G onsemi IC REG LINEAR 3V 500MA 6DFN	 NCP612SQ28T1 onsemi IC REG LINEAR 2.8V 100MA SC88A	 NCP612SQ15T1 onsemi IC REG LINEAR 1.5V 100MA SC88A	 NCP606MN50T2G onsemi IC REG LINEAR 5V 500MA 6DFN	 NCP612SQ27T1 onsemi IC REG LINEAR 2.7V 100MA SC88A
 NCP606MN18T2G onsemi IC REG LINEAR 1.8V 500MA 6DFN	 NCP605MN50T2G onsemi IC REG LINEAR 5V 500MA 6DFN	 NCP612SQ18T2G onsemi IC REG LINEAR 1.8V 100MA SC88A	 NCP612SQ18T1G onsemi IC REG LINEAR 1.8V 100MA SC88A	 NCP606MN33T2G onsemi IC REG LINEAR 3.3V 500MA 6DFN	 NCP612SQ28T1G onsemi IC REG LINEAR 2.8V 100MA SC88A
 NCP605MN25T2G onsemi IC REG LINEAR 2.5V 500MA 6DFN	 NCP606MN25T2G onsemi IC REG LINEAR 2.5V 500MA 6DFN	 NCP6121 AMI Semiconductor/onsemi	 NCP605MN18T2G onsemi IC REG LINEAR 1.8V 500MA 6DFN	 NCP605MN28T2G onsemi IC REG LINEAR 2.8V 500MA 6DFN	 NCP605MN33T2G onsemi IC REG LINEAR 3.3V 500MA 6DFN

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.



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 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

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