

Image may be representation.
See specifications for product details.



NCV8605MN18T2G

Manufacturer Part Number	NCV8605MN18T2G
Manufacturer	onsemi
Allelco Part Number	32D-NCV8605MN18T2G
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR 1.8V 500MA 6DFN
Package	6-VDFN Exposed Pad
Data sheet	NCV8605,8606.pdf
	NCV8605,8606.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCV8605MN18T2G - onsemi.New Original in Stock. Download Linear Technology NCV8605MN18T2G datasheet/specifications on AllelcoElec.com.
Request a quote for NCV8605MN18T2G, please send us email: info@allelco.com

Specifications

NCV8605MN18T2G Tech Specifications
NCV8605MN18T2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	-
Voltage Dropout (Max)	0.3V @ 500mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	1.8V	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	Automotive, AEC-Q100	Current - Quiescent (Iq)	180 µA
Protection Features	Over Current, Over Temperature	Current - Output	500mA
Package / Case	6-VDFN Exposed Pad	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	NCV8605

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV8605MN18T2G

Product Attribute				
Part Number	NCV8605MN18T2G	NCV86601D33R2G	NCV8603SN33T1G	NCV86602BD50R2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Operating Temperature	-40°C ~ 125°C	-40°C ~ 150°C	-40°C ~ 125°C	-40°C ~ 150°C
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Number of Regulators	1	1	1	1
Current - Quiescent (Iq)	180 µA	30 µA	180 µA	30 µA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Control Features	-	Reset	Enable	Reset
Voltage Dropout (Max)	0.3V @ 500mA	-	0.23V @ 300mA	0.6V @ 150mA
Output Configuration	Positive	Positive	Positive	Positive
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	6-DFN (3x3.3)	8-SOIC	5-TSOP	8-SOIC
Current - Output	500mA	150mA	300mA	150mA
PSRR	-	60dB (100Hz)	62dB ~ 38dB (120Hz ~ 10kHz)	60dB (100Hz)
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Voltage - Output (Max)	-	-	-	-
Voltage - Input (Max)	6V	40V	6V	40V
Base Product Number	NCV8605	NCV86601	NCV8603	NCV86602
Output Type	Fixed	Fixed	Fixed	Fixed
Package / Case	6-VDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)	SOT-23-5 Thin, TSOT-23-5	8-SOIC (0.154", 3.90mm Width)
Voltage - Output (Min/Fixed)	1.8V	3.3V	3.3V	5V

NCV8605MN18T2G Datasheet PDF

Download NCV8605MN18T2G pdf datasheets and onsemi documentation for NCV8605MN18T2G - onsemi.

Datasheets

[NCV8605,8606.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

[Material Declaration NCV8605MN18T2G.pdf](#)

PCN Packaging




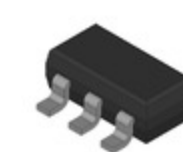



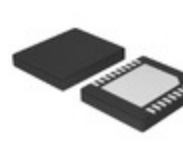


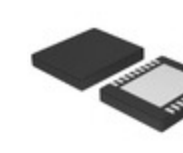

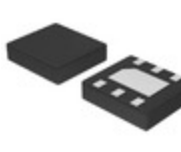

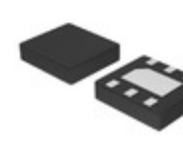
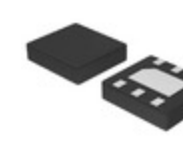

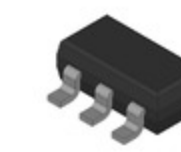
PCN Assembly/Origin

PCN Design/Specification

HTML Datasheet

Customers Also Interested in

Recommended Products

					
NCV86601D33R2G onsemi IC REG LINEAR 3.3V 150MA 8SOIC	NCV8603SN33T1G onsemi IC REG LINEAR 3.3V 300MA 5TSP	NCV86602BD50R2G onsemi IC REG LINEAR 5V 150MA 8SOIC	NCV8570SN18T1G onsemi IC REG LINEAR FIXED LDO REG	NCV8570BSN28T1G onsemi IC REG LINEAR 2.8V 200MA 5TSP	NCV86601DT50RK onsemi IC REG LINEAR 5V 150MA DPAK-5
					
NCV8570SN33T1G AMI Semiconductor/onsemi	NCV8614MNR2G onsemi IC REG LDO 5V/3.3V/ADJ 20QFN	NCV8570SN25T1G AMI Semiconductor/onsemi	NCV8570BSN30T1G onsemi IC REG LINEAR 3V 200MA 5TSP	NCV8614BMNR2G onsemi IC REG LDO 5V/3.3V/ADJ 20QFN	NCV8606MN28T2G onsemi IC REG LINEAR 2.8V 500MA 6DFN
					
NCV8605MN33T2G onsemi IC REG LINEAR 3.3V 500MA 6DFN	NCV8570SN30T1G AMI Semiconductor/onsemi	NCV8570MN180R2G onsemi IC REG LINEAR 1.8V 200MA 6DFN	NCV8623MN-50R2G onsemi IC REG LINEAR 5V 150MA 6DFN	NCV8570BSN33T1G onsemi IC REG LINEAR 3.3V 200MA 5TSP	NCV8570SN28T1G onsemi IC REG LINEAR FIXED LDO REG

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
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Contact us if you have any questions.

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