

Image may be representation.
See specifications for product details.



NCV4949ADR2G

Manufacturer Part Number	NCV4949ADR2G
Manufacturer	onsemi
Allelco Part Number	32D-NCV4949ADR2G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG LINEAR 5V 100MA 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	NCV4949A.pdf NCV4949A.pdf
RoHs Status	ROHS3 Compliant

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NCV4949ADR2G - onsemi.New Original in Stock. Download Linear Technology NCV4949ADR2G datasheet/specifications on AllelcoElec.com.
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Specifications

NCV4949ADR2G Tech Specifications

NCV4949ADR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Type	Fixed
Voltage Dropout (Max)	0.5V @ 100mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	5V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	28V	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Current - Supply (Max)	5 mA
Series	-	Current - Quiescent (Iq)	260 µA
Protection Features	Over Temperature, Short Circuit	Current - Output	100mA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Control Features	Reset Output
Package	Tape & Reel (TR)	Base Product Number	NCV4949
PSRR	-		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV4949ADR2G

Product Attribute				
Part Number	NCV4949ADR2G	NCV47711PDAJR2G	NCV4949APDR2G	NCV47721PAAJR2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Control Features	Reset Output	Enable	Reset	Enable, Error Flag
Voltage - Output (Max)	-	20V	-	20V
Voltage - Output (Min/Fixed)	5V	5V	5V	3.3V
Output Configuration	Positive	Positive	Positive	Positive
Current - Output	100mA	350mA	100mA	200mA
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C	-40°C ~ 125°C	-40°C ~ 150°C (TJ)
Output Type	Fixed	Adjustable	Fixed	Adjustable
Voltage - Input (Max)	28V	40V	28V	40V
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width) Exposed Pad	8-SOIC (0.154", 3.90mm Width) Exposed Pad	14-TSSOP (0.173", 4.40mm Width) Exposed Pad
Current - Quiescent (Iq)	260 µA	230 µA	260 µA	1 mA
Voltage Dropout (Max)	0.5V @ 100mA	0.5V @ 150mA	0.5V @ 100mA	0.5V @ 200mA
Current - Supply (Max)	5 mA	50 mA	5 mA	15 mA
Protection Features	Over Temperature, Short Circuit	Over Current, Over Temperature, Reverse Polarity	Over Temperature, Short Circuit	Over Current, Over Temperature, Reverse Polarity
PSRR	-	70dB (100Hz)	-	80dB (100Hz)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	NCV4949	NCV47711	NCV4949	NCV47721
Supplier Device Package	8-SOIC	8-SOIC-EP	8-SOIC-EP	14-TSSOP-EP
Series	-	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Regulators	1	1	1	1

NCV4949ADR2G Datasheet PDF

Download NCV4949ADR2G pdf datasheets and onsemi documentation for NCV4949ADR2G - onsemi.

Datasheets

[NCV4949A.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

[Material Declaration NCV4949ADR2G.pdf](#)

PCN Packaging

 MSL1 Pkg Chg 20/Dec/2018.pdf

HTML Datasheet

 NCV4949A.pdf

PCN Design/Specification


















 NCV4949A/D Datasheet Update 29/Oct/2014.pdf

PCN Obsolescence/ EOL

 NCV4949ADR2G EOL 24/Jan/2019.pdf

Customers Also Interested in

Recommended Products

					
NCV47711PDAJR2G	NCV4949APDR2G	NCV47721PAAJR2G	NCV47822PAAJR2G	NCV47711DAJR2G	NCV4948DR2G
onsemi IC REG LIN POS ADJ 350MA 8SOIC	onsemi IC REG LINEAR 5V 100MA 8SOIC	onsemi IC REG LIN POS ADJ 200MA 14TSSOP	onsemi IC PWR SWITCH BIPOLAR 1:1 14TSSOP	onsemi IC REG LIN POS ADJ 350MA 8SOIC	onsemi IC REG CTRLR BCK/PSH-PULL 16SOIC
					
NCV47823PAAJR2G	NCV4949DR2G	NCV47710PDAJR2G	NCV500SN185T1G	NCV500SN18T1G	NCV47821PAAJR2G
onsemi IC PWR SWITCH BIPOLAR 1:2 14TSSOP	onsemi IC REG LINEAR 5V 100MA 8SOIC	onsemi IC REG LIN POS ADJ 350MA 8SOIC	onsemi IC REG LINEAR 1.85V 150MA 5TSSOP	onsemi IC REG LINEAR 1.8V 150MA 5TSSOP	onsemi IC REG LIN POS ADJ 200MA 14TSSOP
					
NCV47710DAJR2G	NCV500SN28T1G	NCV4949PDR2G	NCV4949DR2	NCV4949CDR2G	NCV4949DWR2G
onsemi IC REG LIN POS ADJ 350MA 8SOIC	onsemi IC REG LINEAR 2.8V 150MA 5TSSOP	onsemi IC REG LINEAR 5V 100MA 8SOIC	onsemi IC REG LINEAR 5V 100MA 8SOIC	onsemi IC REG LINEAR 5V 100MA 8SOIC	onsemi IC REG LINEAR 5V 100MA 20SOIC

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

Contact us if you have any questions.

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Certifications & Memberships



View More

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