



Image may be representation.
See specifications for product details.



NCV2931ACDR2G

Manufacturer Part Number	NCV2931ACDR2G
Manufacturer	onsemi
Allelco Part Number	32D-NCV2931ACDR2G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LIN POS ADJ 100MA 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	LM2931, NCV2931 Series.pdf LM2931, NCV2931 Series.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCV2931ACDR2G - onsemi.New Original in Stock. Download Linear Technology NCV2931ACDR2G datasheet/specifications on AllelcoElec.com.
Request a quote for NCV2931ACDR2G, please send us email: info@allelco.com

Specifications

NCV2931ACDR2G Tech Specifications
NCV2931ACDR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Type	Adjustable
Voltage Dropout (Max)	0.6V @ 100mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	2.7V	Operating Temperature	-40°C ~ 125°C
Voltage - Output (Max)	29.5V	Number of Regulators	1
Voltage - Input (Max)	26V	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Current - Supply (Max)	6 mA
Series	Automotive, AEC-Q100	Current - Quiescent (Iq)	1 mA
Protection Features	Over Current, Over Temperature	Current - Output	100mA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	NCV2931
PSRR	-		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV2931ACDR2G

Product Attribute				
Part Number	NCV2931ACDR2G	NCV2931ACD2TR4G	NCV2931ADT5.0RKG	NCV2931AZ-5.0RAG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Output (Min/Fixed)	2.7V	2.7V	5V	5V
Output Configuration	Positive	Positive	Positive	Positive
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
PSRR	-	-	90dB (120Hz)	90dB (120Hz)
Current - Output	100mA	100mA	100mA	100mA
Number of Regulators	1	1	1	1
Voltage - Input (Max)	26V	26V	26V	26V
Package / Case	8-SOIC (0.154", 3.90mm Width)	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-226-3, TO-92-3 Long Body (Formed Leads)
Output Type	Adjustable	Adjustable	Fixed	Fixed
Base Product Number	NCV2931	NCV2931	NCV2931	NCV2931
Voltage Dropout (Max)	0.6V @ 100mA	0.6V @ 100mA	0.6V @ 100mA	0.6V @ 100mA
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Current - Supply (Max)	6 mA	6 mA	30 mA	30 mA
Voltage - Output (Max)	29.5V	29.5V	-	-
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Supplier Device Package	8-SOIC	D2PAK-3	DPAK	TO-92 (TO-226)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Quiescent (Iq)	1 mA	1 mA	1 mA	1 mA
Control Features	-	-	-	-

NCV2931ACDR2G Datasheet PDF

Download NCV2931ACDR2G pdf datasheets and onsemi documentation for NCV2931ACDR2G - onsemi.

Datasheets

[LM2931, NCV2931 Series.pdf](#)

Environmental Information


[onsemi RoHS.pdf](#)

[Material Declaration NCV2931ACDR2G.pdf](#)

PCN Packaging

 MSL1 Pkg Chg 20/Dec/2018.pdf


PCN Design/Specification

 Mold Compound Update 14/Jan/2015.pdf

HTML Datasheet


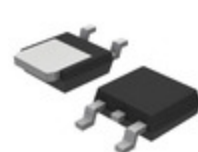
















 LM2931, NCV2931 Series.pdf

PCN Assembly/Origin

 Wafer Fab 01/Feb/2022.pdf

Customers Also Interested in

Recommended Products

 NCV2931ACD2TR4G onsemi IC REG LIN POS ADJ 100MA D2PAK-3	 NCV2931ADT5.0RKG onsemi IC REG LINEAR 5V 100MA DPAK	 NCV2903VDR2G onsemi IC COMPARATOR 2 GEN PUR 8SOIC	 NCV2931AZ-5.0RAG onsemi IC REG LINEAR 5V 100MA TO92-3	 NCV2904DR2G onsemi IC OPAMP GP 2 CIRCUIT 8SOIC	 NCV2904VDR2G onsemi IC OPAMP GP 2 CIRCUIT 8SOIC
 NCV2931AD-5.0R2G onsemi IC REG LINEAR 5V 100MA 8SOIC	 NCV2931AST-5T3G onsemi IC REG LINEAR 5V 100MA SOT223	 NCV2931AZ-5.0G onsemi IC REG LINEAR 5V 100MA TO92-3	 NCV2904DMR2 onsemi IC OPAMP DUAL SGL SUPP LP 8MICRO	 NCV2903DR2 onsemi IC COMP DUAL OFFSET LV 8SOIC	 NCV2931D-5.0R2G onsemi IC REG LINEAR 5V 100MA 8SOIC
 NCV2931CDR2G onsemi IC REG LIN POS ADJ 100MA 8SOIC	 NCV2903DR2G onsemi IC COMPARATOR 2 GEN PUR 8SOIC	 NCV2904DR2 onsemi IC OPAMP DUAL SGL SUPP LP 8SOIC	 NCV2904DMR2G onsemi IC OPAMP GP 2 CIRCUIT 8MSOP	 NCV2931AST-5.0T3 onsemi IC REG LINEAR 5V 100MA SOT223	 NCV2931AD-5.0R2 onsemi IC REG LINEAR 5V 100MA 8SOIC

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.

 Phone
+00852 9146 4856
 Email
info@allelco.com

Certifications & Memberships



[View More](#)

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com