

Image may be representation.
See specifications for product details.



NCV890100PDR2G

Manufacturer Part Number **NCV890100PDR2G**

Manufacturer **onsemi**

Allelco Part Number **32D-NCV890100PDR2G**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC REG BUCK ADJ 1.2A 8SOIC**

Package **8-SOIC (0.154', 3.90mm Width) Exposed Pad**

Data sheet [Cylindrical Battery Holders.pdf](#)

[NCV890100.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

NCV890100PDR2G - onsemi.New Original in Stock. Download Linear Technology NCV890100PDR2G datasheet/specifications on AllelcoElec.com.
Request a quote for NCV890100PDR2G, please send us email: info@allelco.com

Specifications

NCV890100PDR2G Tech Specifications

NCV890100PDR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	0.8V	Output Type	Adjustable
Voltage - Output (Max)	34V	Output Configuration	Positive
Voltage - Input (Min)	4.5V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Input (Max)	36V	Number of Outputs	1
Topology	Buck	Mounting Type	Surface Mount
Synchronous Rectifier	No	Function	Step-Down
Supplier Device Package	8-SOIC-EP	Frequency - Switching	2MHz
Series	-	Current - Output	1.2A
Package / Case	8-SOIC (0.154', 3.90mm Width) Exposed Pad	Base Product Number	NCV890100

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV890100PDR2G

Product Attribute				
Part Number	NCV890100PDR2G	NCV891330PD38R2G	NCV891330PD50R2G	NCV890200PDR2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Function	Step-Down	Step-Down	Step-Down	Step-Down
Voltage - Input (Min)	4.5V	3.7V	3.7V	4.5V
Voltage - Input (Max)	36V	36V	36V	36V
Frequency - Switching	2MHz	2MHz	2MHz	2MHz
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Voltage - Output (Max)	34V	-	-	34V
Supplier Device Package	8-SOIC-EP	8-SOIC-EP	8-SOIC-EP	8-SOIC-EP
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Output	1.2A	3A	3A	2A
Number of Outputs	1	1	1	1
Voltage - Output (Min/Fixed)	0.8V	3.8V	5V	0.8V
Output Configuration	Positive	Positive	Positive	Positive
Topology	Buck	Buck	Buck	Buck
Synchronous Rectifier	No	No	No	No
Base Product Number	NCV890100	NCV891330	NCV891330	NCV890200
Output Type	Adjustable	Fixed	Fixed	Adjustable
Package / Case	8-SOIC (0.154', 3.90mm Width) Exposed Pad	8-SOIC (0.154', 3.90mm Width) Exposed Pad	8-SOIC (0.154', 3.90mm Width) Exposed Pad	8-SOIC (0.154', 3.90mm Width) Exposed Pad
Series	-	Automotive, AEC-Q100	Automotive, AEC-Q100	-

NCV890100PDR2G Datasheet PDF

Download NCV890100PDR2G pdf datasheets and onsemi documentation for NCV890100PDR2G - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)


[Material Declaration NCV890100PDR2G.pdf](#)

PCN Obsolescence/ EOL

HTML Datasheet

Customers Also Interested in

Recommended Products

 NCV891330PD38R2G onsemi IC REG BUCK 3.8V 3A 8SOIC	 NCV887302D1R2G onsemi AUTOMOTIVE SWITCHER	 NCV891330PD50R2G onsemi IC REG BUCK 5V 3A 8SOIC	 NCV890200PDR2G onsemi IC REG BUCK ADJUSTABLE 2A 8SOIC	 NCV890100MWTXG onsemi IC REG BUCK ADJUSTABLE 1.2A 8DFN	 NCV887300D1R2G onsemi IC REG CTRLR BOOST 8SOIC
 NCV887701D1R2G onsemi IC REG CTRLR BOOST 8SOIC	 NCV887601D1R2G onsemi IC REG CTRLR BOOST 8SOIC	 NCV890204MWR2G onsemi IC REG BUCK ADJUSTABLE 2A 12DFN	 NCV890104MWR2G onsemi IC REG BUCK ADJ 1.2A 12DFN	 NCV887720D1R2G onsemi IC REG CTRLR BOOST 8SOIC	 NCV8881PWR2G onsemi IC REG TRIPLE BUCK/LINEAR 16SOIC
 NCV891330PD33R2G onsemi IC REG BUCK 3.3V 3A 8SOIC	 NCV887301D1R2G onsemi IC REG CTRLR BOOST 8SOIC	 NCV890430MW50TXG onsemi IC REG BCK PWM SIGNAL 600MA 8DFN	 NCV891330PD40R2G onsemi IC REG BUCK 4V 3A 8SOIC	 NCV887711D1R2G onsemi IC REG CTRLR BOOST 8SOIC	 NCV890130MWTXG onsemi IC REG BUCK ADJUSTABLE 1.2A 8DFN

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