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See specifications for product details.



NCV890200PDR2G

Manufacturer Part Number **NCV890200PDR2G**

Manufacturer **onsemi**

Allelco Part Number **32D-NCV890200PDR2G**

ECAD Model Request Free CAD Models

Parts Description **IC REG BUCK ADJUSTABLE 2A 8SOIC**

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

Data sheet **Cylindrical Battery Holders.pdf**

NCV890200.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

NCV890200PDR2G - onsemi.New Original in Stock. Download Linear Technology NCV890200PDR2G datasheet/specifications on AllelcoElec.com.
Request a quote for NCV890200PDR2G, please send us email: info@allelco.com

Specifications

NCV890200PDR2G Tech Specifications

NCV890200PDR2G - 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	2A
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	Base Product Number	NCV890200

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV890200PDR2G

Product Attribute				
Part Number	NCV890200PDR2G	NCV890130MWTXG	NCV890230PDR2G	NCV891330PD33R2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Topology	Buck	Buck	Buck	Buck
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Synchronous Rectifier	No	No	No	No
Voltage - Input (Max)	36V	36V	36V	36V
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	8-VDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width) Exposed Pad	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Voltage - Output (Max)	34V	34V	34V	-
Function	Step-Down	Step-Down	Step-Down	Step-Down
Series	-	-	-	Automotive, AEC-Q100
Supplier Device Package	8-SOIC-EP	8-DFN (3x3)	8-SOIC-EP	8-SOIC-EP
Voltage - Input (Min)	4.5V	4.5V	4.5V	3.7V
Base Product Number	NCV890200	NCV890130	NCV890230	NCV891330
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Current - Output	2A	1.2A	2A	3A
Frequency - Switching	2MHz	2MHz	2MHz	2MHz
Voltage - Output (Min/Fixed)	0.8V	0.8V	0.8V	3.3V
Output Type	Adjustable	Adjustable	Adjustable	Fixed
Output Configuration	Positive	Positive	Positive	Positive
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Number of Outputs	1	1	1	1

NCV890200PDR2G Datasheet PDF

Download NCV890200PDR2G pdf datasheets and onsemi documentation for NCV890200PDR2G - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration NCV890200PDR2G.pdf](#)

PCN Obsolescence/ EOL

 Cylindrical Battery Holders.pdf

PCN Assembly/Origin


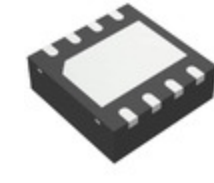


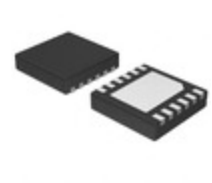
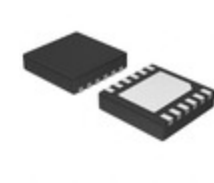
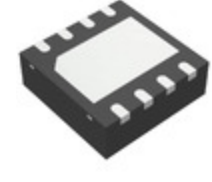
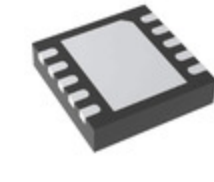

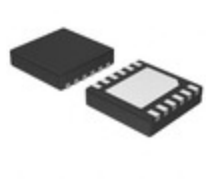







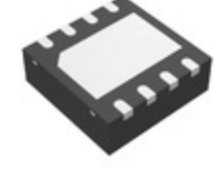
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HTML Datasheet

 NCV890200.pdf

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 NCV890430MW50TXG onsemi IC REG BCK PWM SIGNAL 600MA 8DFN	 NCV896530MWATXG onsemi IC REG BUCK ADJ 1.6A DL 10DFN	 NCV887720D1R2G onsemi IC REG CTRLR BOOST 8SOIC	 NCV890204MWR2G onsemi IC REG BUCK ADJUSTABLE 2A 12DFN	 NCV890100PDR2G onsemi IC REG BUCK ADJ 1.2A 8SOIC	 NCV887601D1R2G onsemi IC REG CTRLR BOOST 8SOIC
 NCV891330PD50R2G onsemi IC REG BUCK 5V 3A 8SOIC	 NCV891330PD38R2G onsemi IC REG BUCK 3.8V 3A 8SOIC	 NCV887711D1R2G onsemi IC REG CTRLR BOOST 8SOIC	 NCV8881PWR2G onsemi IC REG TRIPLE BUCK/LINEAR 16SOIC	 NCV891330PD40R2G onsemi IC REG BUCK 4V 3A 8SOIC	 NCV890100MWTXG 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

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.




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

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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