



Image may be representation.
See specifications for product details.



NCV8184PDR2G

Manufacturer Part Number **NCV8184PDR2G**

Manufacturer **onsemi**

Allelco Part Number **32D-NCV8184PDR2G**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC REG LINEAR POS ADJ 70MA 8SOIC**

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

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

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RoHs Status **ROHS3 Compliant**

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NCV8184PDR2G - onsemi.New Original in Stock. Download Linear Technology NCV8184PDR2G datasheet/specifications on AllelcoElec.com.
Request a quote for NCV8184PDR2G, please send us email: info@allelco.com

Specifications

NCV8184PDR2G Tech Specifications

NCV8184PDR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Type	Adjustable
Voltage Dropout (Max)	0.6V @ 60mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	Tracking	Operating Temperature	-40°C ~ 150°C
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	42V	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC-EP	Current - Supply (Max)	7 mA
Series	Automotive, AEC-Q100	Current - Quiescent (Iq)	20 µA
Protection Features	Over Temperature	Current - Output	70mA
Package / Case	8-SOIC (0.154', 3.90mm Width) Exposed Pad	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	NCV8184
PSRR	60dB (120Hz)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV8184PDR2G

Product Attribute				
Part Number	NCV8184PDR2G	NCV8184DR2	NCV8177AMX180TCG	NCV8187AMLE180TCG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Operating Temperature	-40°C ~ 150°C	-40°C ~ 150°C	-40°C ~ 125°C (TA)	150°C (TJ)
Current - Output	70mA	70mA	500mA	1.2A
Supplier Device Package	8-SOIC-EP	8-SOIC	4-XDFN (1x1)	8-DFNW (3x3)
Voltage Dropout (Max)	0.6V @ 60mA	0.6V @ 60mA	0.35V @ 500mA	0.335V @ 1.2A
Current - Supply (Max)	7 mA	7 mA	-	-
Output Configuration	Positive	Positive	Positive	Positive
Control Features	Enable	Enable	Enable	Enable, Power Good
Protection Features	Over Temperature	Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Package / Case	8-SOIC (0.154', 3.90mm Width) Exposed Pad	8-SOIC (0.154', 3.90mm Width)	4-XDFN Exposed Pad	8-VDFN Exposed Pad
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Number of Regulators	1	1	1	1
Voltage - Output (Max)	-	-	-	-
Output Type	Adjustable	Adjustable	Fixed	Fixed
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount, Wettable Flank
Current - Quiescent (Iq)	20 µA	20 µA	90 µA	45 µA
Voltage - Input (Max)	42V	42V	5.5V	5.5V
PSRR	60dB (120Hz)	60dB (120Hz)	75dB (1kHz)	75dB (1kHz)
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Base Product Number	NCV8184	NCV8184	NCV8177	NCV8187
Voltage - Output (Min/Fixed)	Tracking	Tracking	1.8V	1.8V

NCV8184PDR2G Datasheet PDF

Download NCV8184PDR2G pdf datasheets and onsemi documentation for NCV8184PDR2G - onsemi.

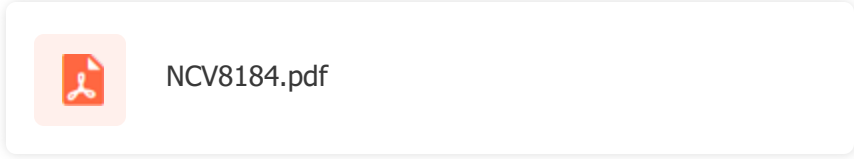
Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information


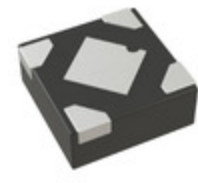
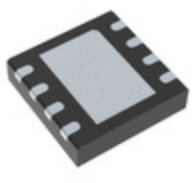
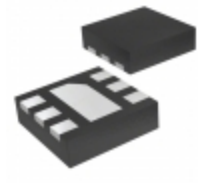

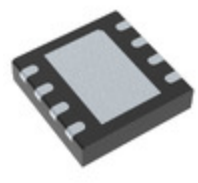
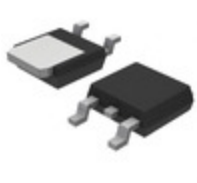
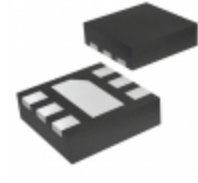




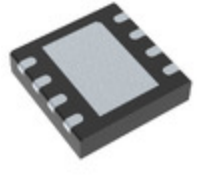

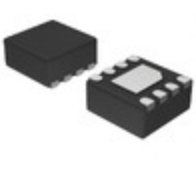
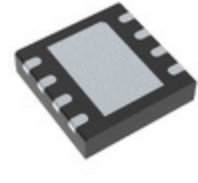
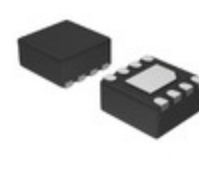
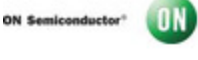
[onsemi RoHS.pdf](#)

[Material Declaration NCV8184PDR2G.pdf](#)



Customers Also Interested in

Recommended Products

 NCV8184DR2 onsemi IC REG LINEAR POS ADJ 70MA 8SOIC	 NCV8177AMX180TCG onsemi IC REG LINEAR 1.8V 500MA 4XDFN	 NCV8187AMLE180TCG onsemi 1.2A LDO REGULATOR, LOW DROPOUT	 NCV8187AMT180TAG onsemi IC REG LINEAR 1.8V 1.2A 6WDFN	 NCV8182CDTRKG onsemi IC REG LIN POS ADJ 200MA DPAK-5	 NCV8187AMLE280TCG onsemi 1.2A LDO REGULATOR, LOW DROPOUT
 NCV8401ADTRKG onsemi IC PWR DRIVER N-CHANNEL 1:1 DPAK	 NCV8187AMT330TAG onsemi IC REG LINEAR 3.3V 1.2A 6WDFN	 NCV8184DTRK onsemi IC REG LIN POS ADJ 70MA DPAK-5	 NCV8177AMX330TCG onsemi IC REG LINEAR 3.3V 500MA 4XDFN	 NCV8184DTRKG onsemi IC REG LIN POS ADJ 70MA DPAK-5	 NCV8177BMX330TCG onsemi IC REG LINEAR 3.3V 500MA 4XDFN
 NCV8187AMLEADJTCG onsemi IC REG LINEAR POS ADJ 1.2A 8DFNW	 NCV8184DR2G onsemi IC REG LINEAR POS ADJ 70MA 8SOIC	 NCV8186BMN330TAG onsemi IC REG LINEAR 3.3V 1A 8DFN	 NCV8187AMLE330TCG onsemi 1.2A LDO REGULATOR, LOW DROPOUT	 NCV8186AMN330TAG onsemi IC REG LINEAR 3.3V 1A 8DFN	 NCV8182DSR4 AMI Semiconductor/onsemi

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.




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