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See specifications for product details.



NCV8674DS120R4G

Manufacturer Part Number **NCV8674DS120R4G**

Manufacturer **onsemi**

Allelco Part Number **32D-NCV8674DS120R4G**

ECAD Model PCB Footprint and Symbol

Parts Description **IC REG LINEAR 12V 350MA D2PAK**

Package **TO-263-3, D²Pak (2 Leads + Tab), TO-263AB**

Data sheet **[Cylindrical Battery Holders.pdf](#)**
[NCV8674.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

NCV8674DS120R4G - onsemi.New Original in Stock. Download Linear Technology NCV8674DS120R4G datasheet/specifications on AllelcoElec.com.
Request a quote for NCV8674DS120R4G, please send us email: info@allelco.com

Specifications

NCV8674DS120R4G Tech Specifications
NCV8674DS120R4G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	67dB (100Hz)
Voltage Dropout (Max)	0.6V @ 350mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	12V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 150°C
Voltage - Input (Max)	45V	Number of Regulators	1
Supplier Device Package	D2PAK-3	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100	Current - Quiescent (Iq)	42 µA
Protection Features	Over Current, Over Temperature, Reverse Polarity, Short Circuit	Current - Output	350mA
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	NCV8674

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV8674DS120R4G

Product Attribute				
Part Number	NCV8674DS120R4G	NCV8668ABPD50R2G	NCV8668ABPD33R2G	NCV8664ST33T3G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Supplier Device Package	D2PAK-3	8-SOIC-EP	8-SOIC-EP	SOT-223 (TO-261)
Current - Output	350mA	150mA	150mA	150mA
Base Product Number	NCV8674	NCV8668	NCV8668	NCV8664
Voltage - Output (Max)	-	-	-	-
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	8-SOIC (0.154", 3.90mm Width) Exposed Pad	8-SOIC (0.154", 3.90mm Width) Exposed Pad	TO-261-4, TO-261AA
Control Features	-	Enable, Reset, Watchdog	Enable, Reset, Watchdog	-
Voltage Dropout (Max)	0.6V @ 350mA	0.6V @ 150mA	0.6V @ 150mA	1.266V @ 150mA
Operating Temperature	-40°C ~ 150°C	-40°C ~ 150°C	-40°C ~ 150°C	-40°C ~ 150°C
Output Configuration	Positive	Positive	Positive	Positive
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
PSRR	67dB (100Hz)	60dB (100Hz)	60dB (100Hz)	67dB (100Hz)
Protection Features	Over Current, Over Temperature, Reverse Polarity, Short Circuit	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature, Reverse Polarity, Short Circuit
Number of Regulators	1	1	1	1
Voltage - Input (Max)	45V	40V	40V	45V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Quiescent (Iq)	42 µA	43 µA	43 µA	29 µA
Voltage - Output (Min/Fixed)	12V	5V	3.3V	3.3V
Output Type	Fixed	Fixed	Fixed	Fixed

NCV8674DS120R4G Datasheet PDF

Download NCV8674DS120R4G pdf datasheets and onsemi documentation for NCV8674DS120R4G - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[Material Declaration NCV8674DS120R4G.pdf](#)

PCN Obsolescence/ EOL

 PD24582ZA 30-Mar-2022.pdf

HTML Datasheet



















 NCV8674.pdf

PCN Design/Specification

 Cylindrical Battery Holders.pdf

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Recommended Products

					
NCV8668ABPD50R2G	NCV8668ABPD33R2G	NCV8664ST33T3G	NCV8675DT50RKG	NCV8664ST50T3G	NCV8675DS50R4G
onsemi IC REG LINEAR 5V 150MA 8SOIC	onsemi IC REG LINEAR 3.3V 150MA 8SOIC	onsemi IC REG LINEAR 3.3V 150MA SOT223	onsemi IC REG LINEAR 5V 350MA DPAK-5	onsemi IC REG LINEAR 5V 150MA SOT223	onsemi IC REG LINEAR 5V 350MA D2PAK-5
					
NCV8665DS50R4G	NCV8702MX28TCG	NCV8674DS50GR4G	NCV8675-5.0	NCV8665D50R2G	NCV8668ABD133R2G
onsemi IC REG LINEAR 5V 150MA D2PAK-5	onsemi IC REG LINEAR 2.8V 200MA 6XDFN	AMI Semiconductor/onsemi	AMI Semiconductor/onsemi	onsemi IC REG LINEAR 5V 150MA 8SOIC	onsemi IC REG LINEAR 3.3V 150MA 8SOIC
					
NCV8674DS120G	NCV8668ABD150R2G	NCV8674DS50GG	NCV8702SN18T1G	NCV8674DS50R4G	NCV8702MX18TCG
onsemi IC REG LINEAR 12V 350MA D2PAK	onsemi IC REG LINEAR 5V 150MA 8SOIC	AMI Semiconductor/onsemi	onsemi IC REG LINEAR 1.8V 200MA 5TSOP	onsemi IC REG LINEAR 5V 350MA D2PAK-3	onsemi IC REG LINEAR 1.8V 200MA 6XDFN

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.

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The payment method can be chosen from the methods shown below:
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-  Efficient Supply Management
-  Cost-Saving Procurement
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