



Image may be representation.
See specifications for product details.



NCV8668ABD150R2G

Manufacturer Part Number	NCV8668ABD150R2G
Manufacturer	onsemi
Allelco Part Number	32D-NCV8668ABD150R2G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG LINEAR 5V 150MA 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	NCV8668.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCV8668ABD150R2G - onsemi.New Original in Stock. Download Linear Technology NCV8668ABD150R2G datasheet/specifications on AllelcoElec.com.
Request a quote for NCV8668ABD150R2G, please send us email: info@allelco.com

Specifications

NCV8668ABD150R2G Tech Specifications
NCV8668ABD150R2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Type	Fixed
Voltage Dropout (Max)	0.6V @ 150mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	5V	Operating Temperature	-40°C ~ 150°C
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	40V	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Current - Supply (Max)	44 µA
Series	Automotive, AEC-Q100	Current - Quiescent (Iq)	43 µA
Protection Features	Over Current, Over Temperature, Reverse Polarity	Current - Output	150mA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Control Features	Enable, Reset, Watchdog
Package	Tape & Reel (TR)	Base Product Number	NCV8668
PSRR	60dB (100Hz)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV8668ABD150R2G

Product Attribute				
Part Number	NCV8668ABD150R2G	NCV8664ST50T3G	NCV8664D50R2G	NCV8664DT33RKG
Manufacturer	onsemi	onsemi	onsemi	onsemi
PSRR	60dB (100Hz)	67dB (100Hz)	67dB (100Hz)	67dB (100Hz)
Operating Temperature	-40°C ~ 150°C	-40°C ~ 150°C	-40°C ~ 150°C	-40°C ~ 150°C
Base Product Number	NCV8668	NCV8664	NCV8664	NCV8664
Voltage - Output (Max)	-	-	-	-
Output Configuration	Positive	Positive	Positive	Positive
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Quiescent (Iq)	43 µA	29 µA	29 µA	29 µA
Voltage - Input (Max)	40V	45V	45V	45V
Voltage - Output (Min/Fixed)	5V	5V	5V	3.3V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Output	150mA	150mA	150mA	150mA
Package / Case	8-SOIC (0.154", 3.90mm Width)	TO-261-4, TO-261AA	8-SOIC (0.154", 3.90mm Width)	TO-252-3, DPAK (2 Leads + Tab), SC-63
Protection Features	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature, Reverse Polarity, Short Circuit	Over Current, Over Temperature, Reverse Polarity, Short Circuit	Over Current, Over Temperature, Reverse Polarity, Short Circuit
Number of Regulators	1	1	1	1
Control Features	Enable, Reset, Watchdog	-	-	-
Voltage Dropout (Max)	0.6V @ 150mA	0.6V @ 150mA	0.6V @ 150mA	1.266V @ 150mA
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Supplier Device Package	8-SOIC	SOT-223 (TO-261)	8-SOIC	DPAK
Current - Supply (Max)	44 µA	30 µA	30 µA	30 µA
Output Type	Fixed	Fixed	Fixed	Fixed

NCV8668ABD150R2G Datasheet PDF

Download NCV8668ABD150R2G pdf datasheets and onsemi documentation for NCV8668ABD150R2G - onsemi.

Datasheets

[NCV8668.pdf](#)




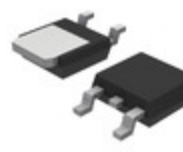





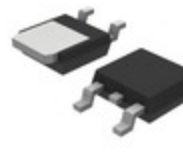








Environmental Information

[onsemi RoHS.pdf](#)

 EOL/Fab Site 04/Oct/2021.pdf

Customers Also Interested in

Recommended Products

 NCV8664DT50R AMI Semiconductor/onsemi	 NCV8664ST50T3G onsemi IC REG LINEAR 5V 150MA SOT223	 NCV8664D50R2G onsemi IC REG LINEAR 5V 150MA 8SOIC	 NCV8664DT33RKG onsemi IC REG LINEAR 3.3V 150MA DPAK	 NCV8674DS120R4G onsemi IC REG LINEAR 12V 350MA D2PAK	 NCV8665DS50R4G onsemi IC REG LINEAR 5V 150MA D2PAK-5
 NCV8668ABD133R2G onsemi IC REG LINEAR 3.3V 150MA 8SOIC	 NCV8664ST33T3G onsemi IC REG LINEAR 3.3V 150MA SOT223	 NCV8674DS50GR4G AMI Semiconductor/onsemi	 NCV8664DT50RKG onsemi IC REG LINEAR 5V 150MA DPAK	 NCV8675-5.0 AMI Semiconductor/onsemi	 NCV8668ABPD50R2G onsemi IC REG LINEAR 5V 150MA 8SOIC
 NCV8664CST50T3G##QI	 NCV8674DS50GG AMI Semiconductor/onsemi	 NCV8674DS50R4G onsemi IC REG LINEAR 5V 350MA D2PAK-3	 NCV8665D50R2G onsemi IC REG LINEAR 5V 150MA 8SOIC	 NCV8674DS120G onsemi IC REG LINEAR 12V 350MA D2PAK	 NCV8668ABPD33R2G onsemi IC REG LINEAR 3.3V 150MA 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

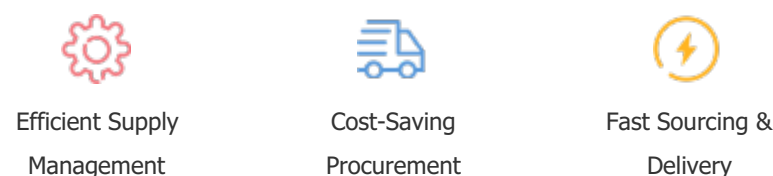
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

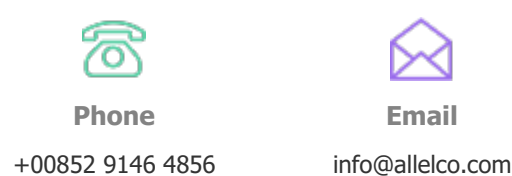
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



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