

Image may be representation.
See specifications for product details.



NCV97310MW33R2G

Manufacturer Part Number	NCV97310MW33R2G
Manufacturer	onsemi
Allelco Part Number	32D-NCV97310MW33R2G
ECAD Model	Request Free CAD Models
Parts Description	IC REG QUAD BUCK/LNR SYNC 32QFN
Package	32-VFQFN Exposed Pad
Data sheet	NCV97310MW33R2G.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCV97310MW33R2G - onsemi.New Original in Stock. Download Linear Technology NCV97310MW33R2G datasheet/specifications on AllelcoElec.com.
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Specifications

NCV97310MW33R2G Tech Specifications
NCV97310MW33R2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Supplier Device Package	32-QFN (5x5)
w/Supervisor	No	Series	Automotive, AEC-Q100
w/Sequencer	No	Package / Case	32-VFQFN Exposed Pad
w/LED Driver	No	Package	Tape & Reel (TR)
Voltage/Current - Output 3	1.2V ~ 3.3V, 1.5A	Operating Temperature	-40°C ~ 105°C
Voltage/Current - Output 2	1.2V ~ 3.3V, 1.5A	Number of Outputs	4
Voltage/Current - Output 1	3.3V, 3A	Mounting Type	Surface Mount
Voltage - Supply	4.1V ~ 18V	Frequency - Switching	2MHz ~ 2.6MHz
Topology	Step-Down (Buck) Synchronous (2), Linear (LDO) (2)	Base Product Number	NCV97310

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV97310MW33R2G

Product Attribute				
Part Number	NCV97310MW33R2G	NCV97311MW50R2G	NCV97311MW50AR2G	NCV890130MWTXG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage/Current - Output 1	3.3V, 3A	5V, 3A	5V, 3A	-
Supplier Device Package	32-QFN (5x5)	32-QFN (5x5)	32-QFNW (5x5)	8-DFN (3x3)
Base Product Number	NCV97310	NCV97311	NCV97311	NCV890130
Voltage/Current - Output 2	1.2V ~ 3.3V, 1.5A	1.2V ~ 3.3V, 1.5A	1.2V ~ 3.3V, 1.5A	-
Package / Case	32-VFQFN Exposed Pad	32-VFQFN Exposed Pad	32-VFQFN Exposed Pad	8-VDFN Exposed Pad
Mounting Type	Surface Mount	Surface Mount	Surface Mount, Wettable Flank	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
w/Sequencer	No	No	No	-
Operating Temperature	-40°C ~ 105°C	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 150°C (TJ)
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	-
Topology	Step-Down (Buck) Synchronous (2), Linear (LDO) (2)	Step-Down (Buck) Synchronous (2), Linear (LDO) (2)	Step-Down (Buck) Synchronous (2), Linear (LDO) (2)	Buck
w/LED Driver	No	No	No	-
Frequency - Switching	2MHz ~ 2.6MHz	2MHz ~ 2.6MHz	2MHz ~ 2.6MHz	2MHz
Voltage - Supply	4.1V ~ 18V	4.1V ~ 18V	4.1V ~ 18V	-
Number of Outputs	4	4	4	1
Voltage/Current - Output 3	1.2V ~ 3.3V, 1.5A	1.2V ~ 3.3V, 1.5A	1.2V ~ 3.3V, 1.5A	-
w/Supervisor	No	No	No	-

NCV97310MW33R2G Datasheet PDF

Download NCV97310MW33R2G pdf datasheets and onsemi documentation for NCV97310MW33R2G - onsemi.

Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration NCV97310MW33R2G.pdf](#)

PCN Obsolescence/ EOL

[Cylindrical Battery Holders.pdf](#)

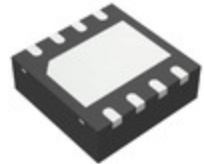

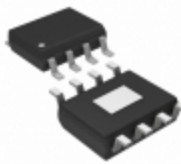
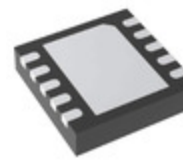

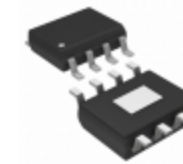

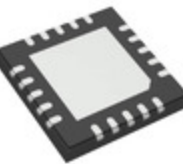
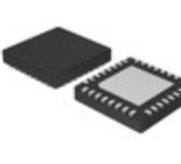
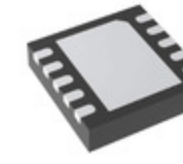

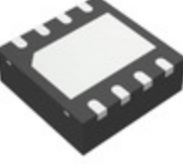
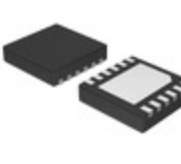
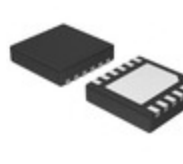

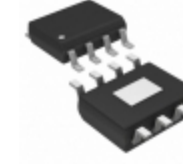
PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

PCN Assembly/Origin

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Recommended Products

					
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NCV898031D1R2G onsemi IC REG CTRLR BOOST/SEPIC 8SOIC	NCV97200MW33R2G onsemi IC PMIC MULTI-OUTPUT 20QFNW	NCV97311MW50R2G onsemi IC REG QUAD BUCK/LNR SYNC 32QFN	NCV97311MW50AR2G onsemi IC REG QUAD BUCK/LNR SYNC 32QFNW	NCV891334MW33R2G onsemi IC REG CTRLR BUCK 12DFN	NCV896530MWTXG onsemi IC REG BUCK ADJ 1.6A DL 10DFN
					
NCV891330PD38R2G onsemi IC REG BUCK 3.8V 3A 8SOIC	NCV890430MW50TXG onsemi IC REG BCK PWM SIGNAL 600MA 8DFN	NCV891334MW50R2G onsemi IC REG CTRLR BUCK 12DFN	NCV890204MWR2G onsemi IC REG BUCK ADJUSTABLE 2A 12DFN	NCV890200PDR2G onsemi IC REG BUCK ADJUSTABLE 2A 8SOIC	NCV890230PDR2G onsemi IC REG BUCK ADJUSTABLE 2A 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.



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Contact us if you have any questions.

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