



Image may be representation.
See specifications for product details.

NCV7710DQR2G

Manufacturer Part Number	NCV7710DQR2G
Manufacturer	onsemi
Allelco Part Number	32D-NCV7710DQR2G
ECAD Model	Request Free CAD Models
Parts Description	IC MOTOR DRVR 4.5V-5.25V 36SSOP
Package	36-BFSOP (0.295", 7.50mm Width) Exposed Pad
Data sheet	NCV7710.pdf
RoHs Status	ROHS3 Compliant

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NCV7710DQR2G - onsemi.New Original in Stock. Download Linear Technology NCV7710DQR2G datasheet/specifications on AllelcoElec.com.
Request a quote for NCV7710DQR2G, please send us email: info@allelco.com

Specifications

NCV7710DQR2G Tech Specifications
NCV7710DQR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Supply	4.5V ~ 5.25V	Mounting Type	Surface Mount
Voltage - Load	8V ~ 18V	Motor Type - Stepper	-
Technology	Power MOSFET	Motor Type - AC, DC	Brushed DC
Supplier Device Package	36-SSOP	Interface	SPI
Step Resolution	-	Function	Driver - Fully Integrated, Control and Power Stage
Series	-	Current - Output	10A
Package / Case	36-BFSOP (0.295", 7.50mm Width) Exposed Pad	Base Product Number	NCV7710
Package	Tape & Reel (TR)	Applications	Automotive
Output Configuration	Half Bridge (2)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV7710DQR2G

Product Attribute				
Part Number	NCV7710DQR2G	NCV7720DQAR2G	NCV7719DQAR2G	NCV7708CDWR2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C	-40°C ~ 150°C (TJ)
Function	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage
Motor Type - Stepper	-	-	-	-
Technology	Power MOSFET	Power MOSFET	Power MOSFET	Power MOSFET
Voltage - Supply	4.5V ~ 5.25V	3.15V ~ 5.25V	3.15V ~ 5.25V	3V ~ 5.25V
Current - Output	10A	550mA	2A	500mA
Output Configuration	Half Bridge (2)	Half Bridge (10)	Half Bridge (8)	Half Bridge (6)
Motor Type - AC, DC	Brushed DC	-	Brushed DC	Brushed DC
Supplier Device Package	36-SSOP	24-SSOP-EP	24-SSOP-EP	28-SOIC
Voltage - Load	8V ~ 18V	5.5V ~ 28V	5.5V ~ 28V	5.5V ~ 40V
Applications	Automotive	General Purpose	General Purpose	DC Motors, General Purpose
Step Resolution	-	-	-	-
Series	-	Automotive, AEC-Q100	Automotive, AEC-Q100	-
Package / Case	36-BFSOP (0.295", 7.50mm Width) Exposed Pad	24-LSSOP (0.154", 3.90mm Width) Exposed Pad	24-LSSOP (0.154", 3.90mm Width) Exposed Pad	28-SOIC (0.295", 7.50mm Width)
Base Product Number	NCV7710	NCV7720	NCV7719	NCV7708
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Interface	SPI	SPI	SPI	SPI

NCV7710DQR2G Datasheet PDF

Download NCV7710DQR2G pdf datasheets and onsemi documentation for NCV7710DQR2G - onsemi.

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

PCN Obsolescence/ EOL

[EOL/Fab Site 04/Oct/2021.pdf](#)



















PCN Design/Specification

[Datasheet Update 25/Apr/2016.pdf](#)

 NCV7710.pdf

Customers Also Interested in

Recommended Products

 NCV7721D2R2G onsemi IC HALF BRIDGE DRIVER 3A 14SOIC	 NCV7720DQAR2G onsemi IC MOTOR DRIVER 24SSOP	 NCV7707DQR2G onsemi IC DRIVER HALF BRIDGE HEX	 NCV7719DQAR2G onsemi IC MOTOR DRIVER 24SSOP	 NCV7708CDWR2G onsemi IC MOTOR DRIVER 3V-5.25V 28SOIC	 NCV7708EDWR2G onsemi IC HALF BRIDGE DRIVER DUAL 28SOI
 NCV7708FDQR2G onsemi IC MOTOR DRVR 3.15V-5.25V 24SSOP	 NCV7718CDPR2G onsemi IC MOTOR DRIVER 24SSOP	 NCV7720DQR2G onsemi IC MOTOR DRVR 3.15V-5.25V 24SSOP	 NCV7708BDWR2G onsemi IC DRIVER HALF BRIDGE HEX 28SOIC	 NCV7719DQR2G onsemi IC MOTOR DRVR 3.15V-5.25V 24SSOP	 NCV7708BDR2G AMI Semiconductor/onsemi
 NCV7708BDWR AMI Semiconductor/onsemi	 NCV7708FDWR2G onsemi AUTOMOTIVE DRIVER	 NCV7718BDQR2G onsemi IC MOTOR DRVR 3.15V-5.25V 24SSOP	 NCV7723DQBR2G onsemi IC HALF BRIDGE DRVR 500MA 24SSOP	 NCV7708BDW AMI Semiconductor/onsemi	 NCV7718DPR2G onsemi IC MOTOR DRVR 3.15V-5.25V 24SSOP

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 -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
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Certifications & Memberships



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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