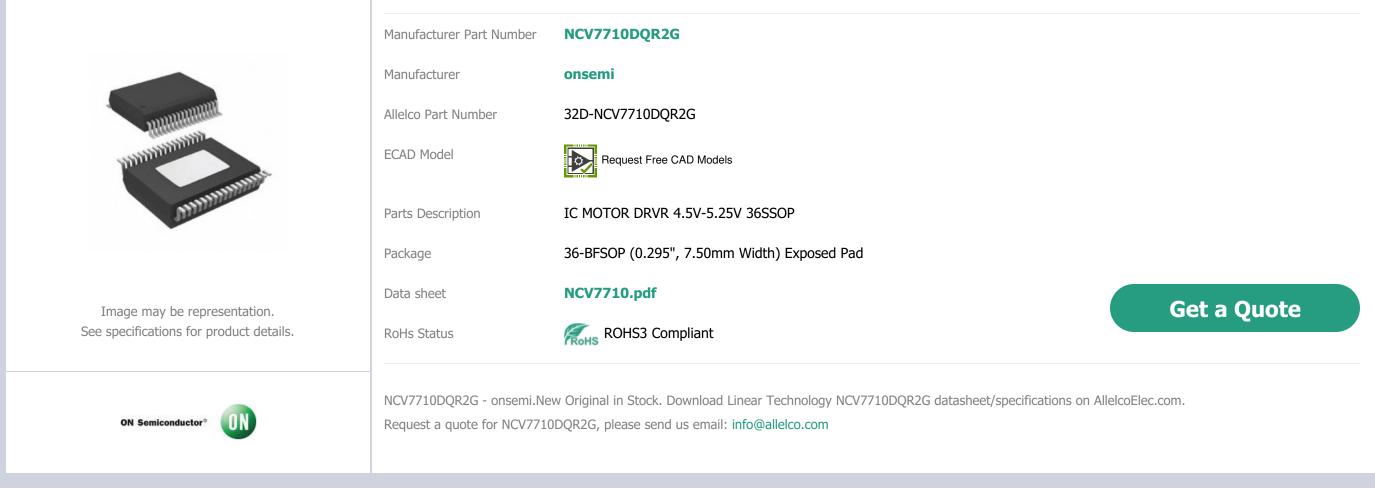


NCV7710DQR2G



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	$8V \sim 18V$	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	and an and a second sec	Att Hilling	And All All All	in the second
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	

HTML Datasheet



Customers Also Interested in

Recommended Products





NCV7721D2R2G

onsemi IC HALF BRIDGE DRIVER 3A 14SOIC

NCV7708FDQR2G

onsemi

IC MOTOR DRVR 3.15V-5.25V

24SSOP

NCV7708BDWR

AMI Semiconductor/onsemi



onsemi IC MOTOR DRIVER 24SSOP



NCV7707DQR2G

onsemi IC DRIVER HALF BRIDGE HEX

NCV7720DQR2G

onsemi

IC MOTOR DRVR 3.15V-5.25V

24SSOP



NCV7719DQAR2G

onsemi IC MOTOR DRIVER 24SSOP

NCV7708BDWR2G

onsemi

IC DRIVER HALF BRIDGE HEX

28SOIC



NCV7708CDWR2G

onsemi IC MOTOR DRIVER 3V-5.25V 28SOIC

onsemi IC HALF BRIDGE DRIVER DUAL

NCV7708EDWR2G

28SOI







NCV7708BDR2G

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NCV7719DQR2G

onsemi IC MOTOR DRVR 3.15V-5.25V 24SSOP









NCV7718DPR2G

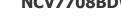
onsemi IC MOTOR DRVR 3.15V-5.25V 24SSOP

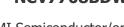


AMI Semiconductor/onsemi





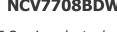




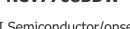








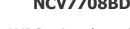












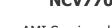


















NCV7723DQBR2G

IC HALF BRIDGE DRVR 500MA 24SSOP

onsemi 24SSOP

NCV7718BDQR2G



IC MOTOR DRVR 3.15V-5.25V



onsemi



NCV7708FDWR2G





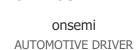
NCV7718CDPR2G

onsemi

IC MOTOR DRIVER 24SSOP

ON







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
America	Brazil	7
	Germany	5
Europe	United Kingdom	4
	Italy	5
Oceania	Australia	6
Oceania	New Zealand	7
Asia	India	6
Asia	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.

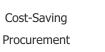


Your Faithful Supply Chain Partner -

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Efficient Supply Management



Fast Sourcing & Delivery

4

Certifications & Memberships



Contact us if you have any questions.

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View More



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