



Image may be representation.  
See specifications for product details.



## NCV7703D2R2G

Manufacturer Part Number	<b>NCV7703D2R2G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NCV7703D2R2G
ECAD Model	Request Free CAD Models
Parts Description	IC HALF BRIDGE DRVR 500MA 14SOIC
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>

**Get a Quote**

NCV7703D2R2G - onsemi.New Original in Stock. Download Linear Technology NCV7703D2R2G datasheet/specifications on AllelcoElec.com.  
Request a quote for NCV7703D2R2G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NCV7703D2R2G Tech Specifications

NCV7703D2R2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Supply	3V ~ 5.25V	Mounting Type	Surface Mount
Voltage - Load	5.5V ~ 40V	Load Type	Inductive
Technology	Power MOSFET	Interface	SPI
Supplier Device Package	14-SOIC	Features	-
Series	-	Fault Protection	Current Limiting, ESD, Over Temperature, Over Voltage, UVLO
Rds On (Typ)	800mOhm LS, 800mOhm HS	Current - Peak Output	1A
Package / Case	14-SOIC (0.154", 3.90mm Width)	Current - Output / Channel	500mA
Package	Tape & Reel (TR)	Base Product Number	NCV7703
Output Configuration	Half Bridge (3)	Applications	DC Motors, General Purpose

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV7703D2R2G

Product Attribute				
Part Number	NCV7703D2R2G	NCV7703CD2R2G	NCV7703BD2R2G	NCV7702BDWR2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Fault Protection	Current Limiting, ESD, Over Temperature, Over Voltage, UVLO	Current Limiting, ESD, Over Temperature, Over Voltage, UVLO	Current Limiting, ESD, Over Temperature, Over Voltage, UVLO	-
Rds On (Typ)	800mOhm LS, 800mOhm HS	800mOhm LS, 800mOhm HS	800mOhm LS, 800mOhm HS	-
Technology	Power MOSFET	Power MOSFET	Power MOSFET	Bipolar
Current - Peak Output	1A	-	1A	-
Supplier Device Package	14-SOIC	14-SOIC	14-SOIC	24-SOIC
Voltage - Supply	3V ~ 5.25V	3.15V ~ 5.25V	3V ~ 5.25V	7V ~ 16V
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 125°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Output / Channel	500mA	1.1A	500mA	-
Load Type	Inductive	Inductive	Inductive	-
Series	-	-	-	-
Applications	DC Motors, General Purpose	DC Motors, General Purpose	DC Motors, General Purpose	Automotive
Interface	SPI	SPI	SPI	Parallel
Features	-	-	-	-
Voltage - Load	5.5V ~ 40V	5.5V ~ 40V	5.5V ~ 40V	7V ~ 16V
Base Product Number	NCV7703	NCV7703	NCV7703	NCV7702
Package / Case	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	24-SOIC (0.295", 7.50mm Width)
Output Configuration	Half Bridge (3)	Half Bridge (3)	Half Bridge (3)	Half Bridge (4)

### NCV7703D2R2G Datasheet PDF

Download NCV7703D2R2G pdf datasheets and onsemi documentation for NCV7703D2R2G - onsemi.

#### Datasheets

Cylindrical Battery Holders.pdf


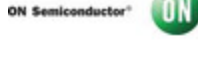
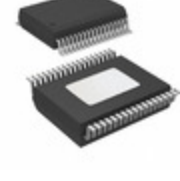

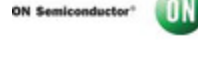













#### Environmental Information

onsemi RoHS.pdf

onsemi REACH.pdf

## Customers Also Interested in

### Recommended Products

 <b>NCV7702BDWR2G</b> onsemi IC MTR DRVR BIPOLAR 7-16V 24SOIC	 <b>NCV7692D10A0TG</b> AMI Semiconductor/onsemi	 <b>NCV7705DQR2G</b> onsemi IC MOTOR DRIVER 5.5V 36SSOP	 <b>NCV7708CDWR2G</b> onsemi IC MOTOR DRIVER 3V-5.25V 28SOIC	 <b>NCV7707DQB-600TG</b> AMI Semiconductor/onsemi	 <b>NCV7703CD2R2G</b> onsemi IC HALF BRIDGE DRVR 1.1A 14SOIC
 <b>NCV7703BD2R2G</b> onsemi IC HALF BRIDGE DRVR 500MA 14SOIC	 <b>NCV7708BDWR</b> AMI Semiconductor/onsemi	 <b>NCV7692D10R2G</b> onsemi IC LED DRIVER PS PWM 8SOIC	 <b>NCV7702</b> AMI Semiconductor/onsemi	 <b>NCV7703BDR2G</b> AMI Semiconductor/onsemi	 <b>NCV7707DQBR2G</b> onsemi IC DRIVER HALF BRIDGE 36SSOP
 <b>NCV7707DQR2G</b> onsemi IC DRIVER HALF BRIDGE HEX	 <b>NCV7708BDWR2G</b> onsemi IC DRIVER HALF BRIDGE HEX 28SOIC	 <b>NCV7691D10R2G</b> onsemi IC LED DRIVER PS PWM 8SOIC	 <b>NCV7685DQR2G</b> onsemi IC LED DRVR LIN PWM 55MA 24SSOP	 <b>NCV7708BDW</b> AMI Semiconductor/onsemi	 <b>NCV7708BDR2G</b> AMI Semiconductor/onsemi

## 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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### Certifications & Memberships



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