



Image may be representation.
See specifications for product details.



NCV7703BD2R2G

Manufacturer Part Number	NCV7703BD2R2G
Manufacturer	onsemi
Allelco Part Number	32D-NCV7703BD2R2G
ECAD Model	Request Free CAD Models
Parts Description	IC HALF BRIDGE DRVR 500MA 14SOIC
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
	NCV7703B.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCV7703BD2R2G - onsemi.New Original in Stock. Download Linear Technology NCV7703BD2R2G datasheet/specifications on AllelcoElec.com.
Request a quote for NCV7703BD2R2G, please send us email: info@allelco.com

Specifications

NCV7703BD2R2G Tech Specifications

NCV7703BD2R2G - 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 NCV7703BD2R2G

Product Attribute				
Part Number	NCV7703BD2R2G	NCV7703CD2R2G	NCV7703D2R2G	NCV7707DQR2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Package / Case	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	36-BFSOP (0.295", 7.50mm Width) Exposed Pad
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	-
Load Type	Inductive	Inductive	Inductive	-
Base Product Number	NCV7703	NCV7703	NCV7703	NCV7707
Current - Output / Channel	500mA	1.1A	500mA	-
Series	-	-	-	-
Features	-	-	-	-
Voltage - Supply	3V ~ 5.25V	3.15V ~ 5.25V	3V ~ 5.25V	5.5V ~ 28V
Current - Peak Output	1A	-	1A	-
Supplier Device Package	14-SOIC	14-SOIC	14-SOIC	36-SSOP-EP
Rds On (Typ)	800mOhm LS, 800mOhm HS	800mOhm LS, 800mOhm HS	800mOhm LS, 800mOhm HS	-
Technology	Power MOSFET	Power MOSFET	Power MOSFET	-
Interface	SPI	SPI	SPI	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Configuration	Half Bridge (3)	Half Bridge (3)	Half Bridge (3)	-
Voltage - Load	5.5V ~ 40V	5.5V ~ 40V	5.5V ~ 40V	-
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Applications	DC Motors, General Purpose	DC Motors, General Purpose	DC Motors, General Purpose	Automotive

NCV7703BD2R2G Datasheet PDF

Download NCV7703BD2R2G pdf datasheets and onsemi documentation for NCV7703BD2R2G - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

 NCV7703B.pdf

Customers Also Interested in

Recommended Products



NCV7707DQR2G
onsemi
IC DRIVER HALF BRIDGE HEX



NCV7683DQR2G
onsemi
IC LED DRVR LIN PWM 100MA 24SSOP



NCV7680Q3
AMI Semiconductor/onsemi



NCV7708BDR2G
AMI Semiconductor/onsemi



NCV7703CD2R2G
onsemi
IC HALF BRIDGE DRVR 1.1A 14SOIC



NCV7703D2R2G
onsemi
IC HALF BRIDGE DRVR 500MA 14SOIC



NCV7691D10R2G
onsemi
IC LED DRIVER PS PWM 8SOIC



NCV7703BDR2G
AMI Semiconductor/onsemi



NCV7705DQR2G
onsemi
IC MOTOR DRIVER 5.5V 36SSOP



NCV7707DQBR2G
onsemi
IC DRIVER HALF BRIDGE 36SSOP



NCV7692D10R2G
onsemi
IC LED DRIVER PS PWM 8SOIC



NCV7708BDW
AMI Semiconductor/onsemi



NCV7684DQR2G
AMI Semiconductor / ON Semiconductor
12 CH I2C LED DRVR



NCV7692D10A0TG
AMI Semiconductor/onsemi



NCV7702
AMI Semiconductor/onsemi



NCV7685DQR2G
onsemi
IC LED DRVR LIN PWM 55MA 24SSOP



NCV7708BDWR
AMI Semiconductor/onsemi



NCV7702BDWR2G
onsemi
IC MTR DRVR BIPOLAR 7-16V 24SOIC

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

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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