



Image may be representation.  
See specifications for product details.



## NCV7724DQBR2G

Manufacturer Part Number	<b>NCV7724DQBR2G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NCV7724DQBR2G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC HALF BRIDGE DRVR 1.1A 24SSOP
Package	24-LSSOP (0.154", 3.90mm Width) Exposed Pad
Data sheet	<b>NCV7724B.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

NCV7724DQBR2G - onsemi.New Original in Stock. Download Linear Technology NCV7724DQBR2G datasheet/specifications on AllelcoElec.com.  
Request a quote for NCV7724DQBR2G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NCV7724DQBR2G Tech Specifications  
NCV7724DQBR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Supply	3.15V ~ 5.25V	Mounting Type	Surface Mount
Voltage - Load	3.15V ~ 5.25V	Load Type	Inductive, Capacitive
Technology	NMOS	Interface	Logic, PWM, SPI, Serial
Supplier Device Package	24-SSOP-EP	Features	Charge Pump
Series	Automotive, AEC-Q100	Fault Protection	Over Current, Over Temperature, UVLO
Rds On (Typ)	800mOhm LS, 800mOhm HS	Current - Peak Output	1.1A
Package / Case	24-LSSOP (0.154", 3.90mm Width) Exposed Pad	Current - Output / Channel	1.1A
Package	Tape & Reel (TR)	Base Product Number	NCV7724
Output Configuration	Half Bridge (8)	Applications	DC Motors, General Purpose

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV7724DQBR2G

Product Attribute				
Part Number	NCV7724DQBR2G	<b>NCV7726DQBR2G</b>	<b>NCV7723DQBR2G</b>	<b>NCV7726DQAR2G</b>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Features	Charge Pump	Charge Pump	Charge Pump	Charge Pump
Current - Output / Channel	1.1A	500mA	500mA	500mA
Voltage - Load	3.15V ~ 5.25V	5.5V ~ 32V	5.5V ~ 32V	5.5V ~ 32V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	NCV7724	NCV7726	NCV7723	NCV7726
Voltage - Supply	3.15V ~ 5.25V	3.15V ~ 5.25V	3.15V ~ 5.25V	3.15V ~ 5.25V
Interface	Logic, PWM, SPI, Serial	Logic, SPI	Logic, PWM, SPI	Logic, SPI
Current - Peak Output	1.1A	1.1A	1.1A	1.1A
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Applications	DC Motors, General Purpose	DC Motors, General Purpose	DC Motors, General Purpose	DC Motors, General Purpose
Load Type	Inductive, Capacitive	Inductive	Capacitive and Resistive	Inductive
Output Configuration	Half Bridge (8)	Half Bridge (12)	Half Bridge (3)	Half Bridge (12)
Fault Protection	Over Current, Over Temperature, UVLO	Over Current, Over Temperature, Over Voltage, UVLO	Over Current, Over Temperature, Over Voltage, UVLO	Over Current, Over Temperature, Over Voltage, UVLO
Supplier Device Package	24-SSOP-EP	24-SSOP-EP	24-SSOP-EP	24-SSOP-EP
Rds On (Typ)	800mOhm LS, 800mOhm HS	850mOhm LS, 850mOhm HS	800mOhm LS, 800mOhm HS	850mOhm LS, 850mOhm HS
Technology	NMOS	NMOS	NMOS	NMOS
Package / Case	24-LSSOP (0.154", 3.90mm Width) Exposed Pad	24-LSSOP (0.154", 3.90mm Width) Exposed Pad	24-LSSOP (0.154", 3.90mm Width) Exposed Pad	24-LSSOP (0.154", 3.90mm Width) Exposed Pad

### NCV7724DQBR2G Datasheet PDF

Download NCV7724DQBR2G pdf datasheets and onsemi documentation for NCV7724DQBR2G - onsemi.

#### Datasheets

[NCV7724B.pdf](#)








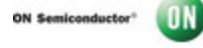







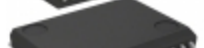


#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

## Customers Also Interested in

### Recommended Products

 <b>NCV7726DQBR2G</b> onsemi IC HALF BRIDGE DRVR 500MA 24SSOP	 <b>NCV7754DPR2G</b> onsemi IC PWR DRIVER N-CHAN 1:8 24SSOP	 <b>NCV7723DQBR2G</b> onsemi IC HALF BRIDGE DRVR 500MA 24SSOP	 <b>NCV7729BPPR2G</b> onsemi IC MTR DRV BIPOLAR 3-5.5V 20PSOP	 <b>NCV7726DQAR2G</b> onsemi IC HALF BRIDGE DRVR 500MA 24SSOP	 <b>NCV7718DPR2G</b> onsemi IC MOTOR DRVR 3.15V-5.25V 24SSOP
 <b>NCV7805ABD2TR4G</b> onsemi IC REG LINEAR 5V 1A D2PAK	 <b>NCV7728DPR2G</b> onsemi IC HALF BRIDGE DRVR 550MA 24SSOP	 <b>NCV7805BD2T</b> onsemi IC REG LINEAR 5V 1A D2PAK	 <b>NCV7805BD2TG</b> onsemi IC REG LINEAR 5V 1A D2PAK	 <b>NCV7719DQR2G</b> onsemi IC MOTOR DRVR 3.15V-5.25V 24SSOP	 <b>NCV7720DQAR2G</b> onsemi IC MOTOR DRIVER 24SSOP
 <b>NCV7721D2R2G</b> onsemi IC HALF BRIDGE DRIVER 3A 14SOIC	 <b>NCV7719DQAR2G</b> onsemi IC MOTOR DRIVER 24SSOP	 <b>NCV7718CDPR2G</b> onsemi IC MOTOR DRIVER 24SSOP	 <b>NCV7718BDQR2G</b> onsemi IC MOTOR DRVR 3.15V-5.25V 24SSOP	 <b>NCV7720DQR2G</b> onsemi IC MOTOR DRVR 3.15V-5.25V 24SSOP	 <b>NCV7725DQBR2G</b> onsemi IC HALF BRIDGE DRVR 500MA 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

Contact us if you have any questions.

-  Phone  
+00852 9146 4856
-  Email  
info@allelco.com

### Certifications & Memberships



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