



Image may be representation.
See specifications for product details.



NCV7723DQBR2G

Manufacturer Part Number **NCV7723DQBR2G**

Manufacturer **onsemi**

Allelco Part Number **32D-NCV7723DQBR2G**

ECAD Model PCB Symbol, Footprint & 3D Mode

Parts Description **IC HALF BRIDGE DRVR 500MA 24SSOP**

Package **24-LSSOP (0.154", 3.90mm Width) Exposed Pad**

Data sheet **NCV7723B.pdf**

NCV7723B.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

NCV7723DQBR2G - onsemi.New Original in Stock. Download Linear Technology NCV7723DQBR2G datasheet/specifications on AllelcoElec.com.

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Specifications

NCV7723DQBR2G Tech Specifications

NCV7723DQBR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Supply	3.15V ~ 5.25V	Mounting Type	Surface Mount
Voltage - Load	5.5V ~ 32V	Load Type	Capacitive and Resistive
Technology	NMOS	Interface	Logic, PWM, SPI
Supplier Device Package	24-SSOP-EP	Features	Charge Pump
Series	Automotive, AEC-Q100	Fault Protection	Over Current, Over Temperature, Over Voltage, 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	500mA
Package	Tape & Reel (TR)	Base Product Number	NCV7723
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 NCV7723DQBR2G

Product Attribute				
Part Number	NCV7723DQBR2G	NCV7724DQBR2G	NCV7728DPR2G	NCV7726DQAR2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Supplier Device Package	24-SSOP-EP	24-SSOP-EP	24-SSOP	24-SSOP-EP
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	-	Automotive, AEC-Q100
Base Product Number	NCV7723	NCV7724	NCV7728	NCV7726
Current - Output / Channel	500mA	1.1A	550mA	500mA
Fault Protection	Over Current, Over Temperature, Over Voltage, UVLO	Over Current, Over Temperature, UVLO	Current Limiting, Over Temperature, Over Voltage, UVLO	Over Current, Over Temperature, Over Voltage, UVLO
Current - Peak Output	1.1A	1.1A	-	1.1A
Technology	NMOS	NMOS	Power MOSFET	NMOS
Package / Case	24-LSSOP (0.154", 3.90mm Width) Exposed Pad	24-LSSOP (0.154", 3.90mm Width) Exposed Pad	24-SSOP (0.154", 3.90mm Width)	24-LSSOP (0.154", 3.90mm Width) Exposed Pad
Interface	Logic, PWM, SPI	Logic, PWM, SPI, Serial	SPI	Logic, SPI
Applications	DC Motors, General Purpose	DC Motors, General Purpose	DC Motors, General Purpose	DC Motors, General Purpose
Voltage - Supply	3.15V ~ 5.25V	3.15V ~ 5.25V	3.15V ~ 5.25V	3.15V ~ 5.25V
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 125°C (TJ)
Load Type	Capacitive and Resistive	Inductive, Capacitive	Inductive	Inductive
Rds On (Typ)	800mOhm LS, 800mOhm HS	800mOhm LS, 800mOhm HS	10hm LS, 10hm HS	850mOhm LS, 850mOhm HS
Voltage - Load	5.5V ~ 32V	3.15V ~ 5.25V	5.5V ~ 28V	5.5V ~ 32V
Output Configuration	Half Bridge (3)	Half Bridge (8)	Half Bridge (6)	Half Bridge (12)
Features	Charge Pump	Charge Pump	-	Charge Pump
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

NCV7723DQBR2G Datasheet PDF

Download NCV7723DQBR2G pdf datasheets and onsemi documentation for NCV7723DQBR2G - onsemi.

Datasheets

[NCV7723B.pdf](#)

Environmental Information



















[onsemi REACH.pdf](#)

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 NCV7723B.pdf

Customers Also Interested in

Recommended Products

					
NCV7718DPR2G onsemi IC MOTOR DRVR 3.15V-5.25V 24SSOP	NCV7724DQBR2G onsemi IC HALF BRIDGE DRVR 1.1A 24SSOP	NCV7718BDQR2G onsemi IC MOTOR DRVR 3.15V-5.25V 24SSOP	NCV7754DPR2G onsemi IC PWR DRIVER N-CHAN 1:8 24SSOP	NCV7728DPR2G onsemi IC HALF BRIDGE DRVR 550MA 24SSOP	NCV7805ABD2TR4G onsemi IC REG LINEAR 5V 1A D2PAK
					
NCV7726DQAR2G onsemi IC HALF BRIDGE DRVR 500MA 24SSOP	NCV7719DQAR2G onsemi IC MOTOR DRIVER 24SSOP	NCV7805BD2T onsemi IC REG LINEAR 5V 1A D2PAK	NCV7718CDPR2G onsemi IC MOTOR DRIVER 24SSOP	NCV7710DQR2G onsemi IC MOTOR DRVR 4.5V-5.25V 36SSOP	NCV7729BPPR2G onsemi IC MTR DRV BIPOLAR 3-5.5V 20PSOP
					
NCV7720DQAR2G onsemi IC MOTOR DRIVER 24SSOP	NCV7725DQBR2G onsemi IC HALF BRIDGE DRVR 500MA 24SSOP	NCV7719DQR2G onsemi IC MOTOR DRVR 3.15V-5.25V 24SSOP	NCV7726DQBR2G onsemi IC HALF BRIDGE DRVR 500MA 24SSOP	NCV7721D2R2G onsemi IC HALF BRIDGE DRIVER 3A 14SOIC	NCV7720DQR2G 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.

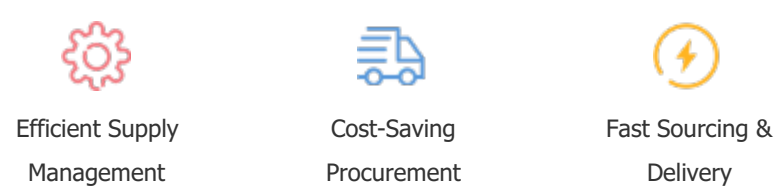
Payment Support

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 -



Contact us if you have any questions.



Certifications & Memberships



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Contact us

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