

Image may be representation.
See specifications for product details.

NCV78723MW0R2G

Manufacturer Part Number	NCV78723MW0R2G
Manufacturer	onsemi
Allelco Part Number	32D-NCV78723MW0R2G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC LED DRVR RGLTR PWM 1.6A 24QFN
Package	24-VQFN Exposed Pad
Data sheet	NCV78723MW0R2G.pdf
RoHs Status	ROHS3 Compliant

Get a Quote



NCV78723MW0R2G - onsemi.New Original in Stock. Download Linear Technology NCV78723MW0R2G datasheet/specifications on AllelcoElec.com.
Request a quote for NCV78723MW0R2G, please send us email: info@allelco.com

Specifications

NCV78723MW0R2G Tech Specifications
NCV78723MW0R2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Supply (Min)	3.05V	Number of Outputs	2
Voltage - Supply (Max)	3.6V	Mounting Type	Surface Mount, Wettable Flank
Voltage - Output	8V ~ 67V	Internal Switch(s)	Yes
Type	DC DC Regulator	Frequency	10MHz
Topology	Step-Down (Buck), Step-Up (Boost)	Dimming	PWM
Supplier Device Package	24-QFN (5x5)	Current - Output / Channel	1.6A
Series	Automotive, AEC-Q100	Base Product Number	NCV78723
Package / Case	24-VQFN Exposed Pad	Applications	Automotive
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV78723MW0R2G

Product Attribute				
Part Number	NCV78723MW0R2G	NCV78763DQ6AR2G	NCV78763MW4R2G	NCV78825DQ0R2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Supplier Device Package	24-QFN (5x5)	36-SSOP-EP	32-QFN (5x5)	36-SSOP-EP
Package / Case	24-VQFN Exposed Pad	36-BFSOP (0.295", 7.50mm Width) Exposed Pad	32-VFQFN Exposed Pad	36-BFSOP (0.295", 7.50mm Width) Exposed Pad
Topology	Step-Down (Buck), Step-Up (Boost)	Step-Down (Buck), Step-Up (Boost)	Step-Down (Buck), Step-Up (Boost)	Step-Down (Buck)
Dimming	PWM	PWM	PWM	Analog, PWM
Number of Outputs	2	2	2	2
Series	Automotive, AEC-Q100	-	Automotive, AEC-Q100	Automotive, AEC-Q100
Applications	Automotive	Automotive	Automotive	Automotive, Lighting
Current - Output / Channel	1.6A	1.6A	1.6A	3A (Switch)
Internal Switch(s)	Yes	Yes	Yes	Yes
Type	DC DC Regulator	DC DC Regulator	DC DC Regulator	DC DC Regulator
Voltage - Output	8V ~ 67V	-	-	67V
Mounting Type	Surface Mount, Wettable Flank	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Min)	3.05V	4V	4V	6V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Supply (Max)	3.6V	40V	40V	67V
Base Product Number	NCV78723	NCV78763	NCV78763	NCV78825
Frequency	10MHz	-	8MHz	350kHz
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)

NCV78723MW0R2G Datasheet PDF

Download NCV78723MW0R2G pdf datasheets and onsemi documentation for NCV78723MW0R2G - onsemi.

Environmental Information

[onsemi RoHS.pdf](#)

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[Material Declaration NCV78723MW0R2G.pdf](#)

PCN Obsolescence/ EOL

[Cylindrical Battery Holders.pdf](#)




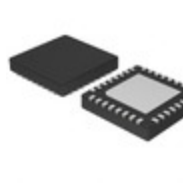

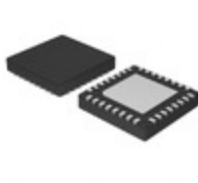

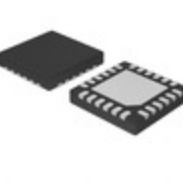
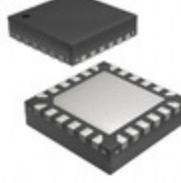

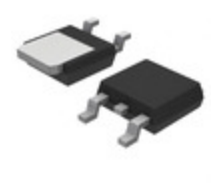



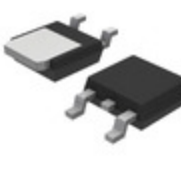



PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

 Tester Platform 21/Jun/2019.pdf

Customers Also Interested in

Recommended Products

					
NCV78763DQ6AR2G onsemi IC LED DRV RGLTR PWM 1.6A 36SSOP	NCV78L08ABDR2G onsemi IC REG LINEAR 8V 100MA 8SOIC	NCV7812BTG onsemi IC REG LINEAR 12V 1A TO220AB	NCV78763MW4R2G onsemi IC LED DRV RGLTR PWM 1.6A 32QFN	NCV78825DQ0R2G onsemi NCV78825DQ0R2G	NCV78763MW0R2G onsemi IC LED DRV RGLTR PWM 1.6A 32QFN
					
NCV7809BD2TR4G onsemi IC REG LINEAR 9V 1A D2PAK	NCV78702MW0R2G onsemi IC LED DRV CTRLR PWM 50MA 24QFN	NCV78723MW2R2G onsemi IC LED DRV RGLTR PWM 1.6A 24QFN	NCV78763DQ9R2G onsemi IC LED DRV RGLTR PWM 1.6A 36SSOP	NCV7808BDTG onsemi IC REG LINEAR 8V 1A DPAK	NCV7812BD2TR4G onsemi IC REG LINEAR 12V 1A D2PAK
					
NCV78L05ABDR2G onsemi IC REG LINEAR 5V 100MA 8SOIC	NCV7808BD2TR4G onsemi IC REG LINEAR 8V 1A D2PAK	NCV7808BDTRKG onsemi IC REG LINEAR 8V 1A DPAK	NCV7808BD2TR4 onsemi IC REG POS VOLT 1A 8V D2PAK	NCV78L05ABDR2 onsemi IC REG LINEAR 5V 100MA 8SOIC	NCV78763DQ0BR2G onsemi IC LED DRV RGLTR PWM 1.6A 36SSOP

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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 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

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