

Image may be representation.  
See specifications for product details.



## NCV59748MLADJTBG

Manufacturer Part Number	<b>NCV59748MLADJTBG</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NCV59748MLADJTBG
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LIN POS ADJ 1.5A 10DFNW
Package	10-VDFN Exposed Pad
Data sheet	<b>NCV59748.pdf</b>
	<b>NCV59748.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

NCV59748MLADJTBG - onsemi.New Original in Stock. Download Linear Technology NCV59748MLADJTBG datasheet/specifications on AllelcoElec.com.  
Request a quote for NCV59748MLADJTBG, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NCV59748MLADJTBG Tech Specifications  
NCV59748MLADJTBG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	75dB (1kHz)
Voltage Dropout (Max)	0.165V @ 1.5A	Output Type	Adjustable
Voltage - Output (Min/Fixed)	0.8V	Output Configuration	Positive
Voltage - Output (Max)	3.6V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	5.5V	Number of Regulators	1
Supplier Device Package	10-DFNW (3x3)	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100	Current - Output	1.5A
Protection Features	Over Current, Over Temperature	Control Features	Enable
Package / Case	10-VDFN Exposed Pad	Base Product Number	NCV59748
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV59748MLADJTBG

Product Attribute				
Part Number	NCV59748MLADJTBG	NCV59151DS50R4G	NCV59749MNADJTBG	NCV59151DS18R4G
Manufacturer	onsemi	onsemi	onsemi	onsemi
PSRR	75dB (1kHz)	-	60dB ~ 30dB (1kHz ~ 300kHz)	-
Supplier Device Package	10-DFNW (3x3)	D2PAK-5	20-QFN (5x5)	D2PAK-5
Number of Regulators	1	1	1	1
Control Features	Enable	Enable, Error Flag	Enable, Power Good, Soft Start	Enable, Error Flag
Base Product Number	NCV59748	NCV59151	NCV59749	NCV59151
Voltage - Output (Min/Fixed)	0.8V	5V	0.8V	1.8V
Voltage - Input (Max)	5.5V	13.5V	5.5V	13.5V
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	10-VDFN Exposed Pad	TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA	20-VQFN Exposed Pad	TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA
Current - Output	1.5A	1.5A	3A	1.5A
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature, Reverse Polarity	Current Limit, Thermal Shutdown	Over Current, Over Temperature, Reverse Polarity
Voltage Dropout (Max)	0.165V @ 1.5A	0.5V @ 1.5A	0.28V @ 3A	0.5V @ 1.5A
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Type	Adjustable	Fixed	Adjustable	Fixed
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C	-40°C ~ 125°C (TJ)	-40°C ~ 125°C
Voltage - Output (Max)	3.6V	-	3.6V	-
Output Configuration	Positive	Positive	Positive	Positive

### NCV59748MLADJTBG Datasheet PDF

Download NCV59748MLADJTBG pdf datasheets and onsemi documentation for NCV59748MLADJTBG - onsemi.

#### Datasheets

[NCV59748.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)









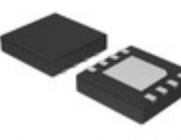
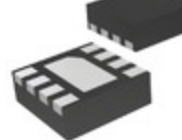
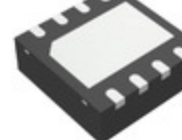

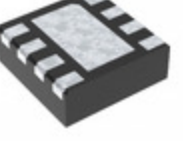
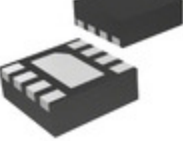




[Material Declaration NCV59748MLADJTBG.pdf](#)

#### HTML Datasheet

[NCV59748.pdf](#)

## Customers Also Interested in

### Recommended Products

 <b>NCV59151DS50R4G</b> onsemi IC REG LINEAR 5V 1.5A D2PAK-5	 <b>NCV59749MNADJTBG</b> onsemi IC REG LINEAR POS ADJ 3A 20QFN	 <b>NCV59151DS18R4G</b> onsemi IC REG LINEAR 1.8V 1.5A D2PAK-5	 <b>NCV59748MWADJTBG</b> onsemi IC REG LINEAR POS ADJ 1.5A 10DFN	 <b>NCV57200DR2G</b> onsemi ISOLATED COMPACT IGBT GATE DRIVE	 <b>NCV612SQ15T2G</b> onsemi IC REG LINEAR 1.5V 100MA SC88A
 <b>NCV59744MNADJTBG</b> onsemi IC REG LINEAR POS ADJ 3A 20QFN	 <b>NCV59152DSADJR4G</b> onsemi IC REG LIN POS ADJ 1.5A D2PAK-5	 <b>NCV59152MNADJTYG</b> onsemi IC REG LINEAR POS ADJ 1.5A 8DFN	 <b>NCV6323DMTAATBG</b> onsemi IC REG BUCK ADJUSTABLE 2A 8WDFN	 <b>NCV59800BMNADJTBG</b> onsemi IC REG LINEAR POS ADJ 1A 8DFN	 <b>NCV612SQ33T2G</b> onsemi IC REG LINEAR 3.3V 100MA SC88A
 <b>NCV6323BMTAAWTBG</b> onsemi IC REG BUCK ADJUSTABLE 2A 8WDFNW	 <b>NCV6323BMTAATBG</b> onsemi IC REG BUCK ADJUSTABLE 2A 8WDFN	 <b>NCV57302DSADJR4G</b> onsemi IC REG LINEAR POS ADJ 3A D2PAK-5	 <b>NCV612SQ33T1G</b> onsemi IC REG LINEAR 3.3V 100MA SC88A	 <b>NCV571SN12T1G</b> onsemi IC REG LINEAR 1.2V 150MA 5TSOP	 <b>NCV59302DSADJR4G</b> onsemi IC REG LINEAR POS ADJ 3A D2PAK-5

## 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



[View More](#)

### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@allelco.com