



Image may be representation.  
See specifications for product details.



## NCP59301DS33R4G

Manufacturer Part Number	<b>NCP59301DS33R4G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NCP59301DS33R4G
ECAD Model	PCB Footprint and Symbol
Parts Description	IC REG LINEAR 3.3V 3A D2PAK-5
Package	TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA
Data sheet	<b>NCP59300 Series.pdf</b> <b>NCP59300 Series.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

NCP59301DS33R4G - onsemi.New Original in Stock. Download Linear Technology NCP59301DS33R4G datasheet/specifications on AllelcoElec.com.  
Request a quote for NCP59301DS33R4G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NCP59301DS33R4G Tech Specifications  
NCP59301DS33R4G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	-
Voltage Dropout (Max)	0.5V @ 3A	Output Type	Fixed
Voltage - Output (Min/Fixed)	3.3V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	13.5V	Number of Regulators	1
Supplier Device Package	D2PAK-5	Mounting Type	Surface Mount
Series	-	Current - Output	3A
Protection Features	Over Current, Over Temperature, Reverse Polarity	Control Features	Enable, Error Flag
Package / Case	TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA	Base Product Number	NCP59301
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP59301DS33R4G

Product Attribute				
Part Number	NCP59301DS33R4G	NCP59151MN50TYG	NCP59744MN2ADJTBG	NCP59744MN1ADJTBG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Protection Features	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature	Over Current, Over Temperature
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Number of Regulators	1	1	1	1
Current - Output	3A	1.5A	3A	3A
Supplier Device Package	D2PAK-5	8-DFN (4x4)	20-QFN (5x5)	10-DFN (3x3)
Base Product Number	NCP59301	NCP59151	NCP59744	NCP59744
Output Type	Fixed	Fixed	Adjustable	Adjustable
Voltage Dropout (Max)	0.5V @ 3A	0.5V @ 1.5A	0.16V @ 3A	0.16V @ 3A
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
PSRR	-	-	72dB ~ 50dB (1kHz ~ 1MHz)	72dB ~ 50dB (1kHz ~ 1MHz)
Series	-	-	-	-
Control Features	Enable, Error Flag	Enable, Error Flag	Enable, Power Good, Soft Start	Enable, Power Good, Soft Start
Package / Case	TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA	8-VDFN Exposed Pad	20-VQFN Exposed Pad	10-VDFN Exposed Pad
Voltage - Input (Max)	13.5V	13.5V	5.5V	5.5V
Voltage - Output (Max)	-	-	3.6V	3.6V
Voltage - Output (Min/Fixed)	3.3V	5V	0.8V	0.8V
Output Configuration	Positive	Positive	Positive	Positive
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### NCP59301DS33R4G Datasheet PDF

Download NCP59301DS33R4G pdf datasheets and onsemi documentation for NCP59301DS33R4G - onsemi.

#### Datasheets

[NCP59300 Series.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

[Material Declaration NCP59301DS33R4G.pdf](#)

#### PCN Obsolescence/ EOL

[Mult Dev EOL 7/Jul/2021.pdf](#)


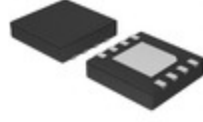


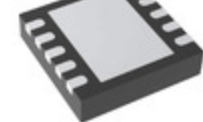













 Mult Dev Site Material Chg 20/May/2020.pdf

HTML Datasheet

 NCP59300 Series.pdf

**Customers Also Interested in**

**Recommended Products**

 <b>NCP5901DBR2G</b> AMI Semiconductor/onsemi	 <b>NCP59151MN50TYG</b> onsemi IC REG LINEAR 5V 1.5A 8DFN	 <b>NCP5901UTFG</b> AMI Semiconductor/onsemi	 <b>NCP59744MN2ADJTBG</b> onsemi IC REG LINEAR POS ADJ 3A 20QFN	 <b>NCP59744MN1ADJTBG</b> onsemi IC REG LINEAR POS ADJ 3A 10DFN	 <b>NCP59152DSADJR4G</b> onsemi IC REG LIN POS ADJ 1.5A D2PAK-5
 <b>NCP590MNVVTAG</b> onsemi IC REG LINEAR 3.3V/3.3V 8DFN	 <b>NCP59749MN2ADJTBG</b> onsemi IC REG LINEAR POS ADJ 3A 20QFN	 <b>NCP59302DSADJR4G</b> onsemi IC REG LINEAR POS ADJ 3A D2PAK-5	 <b>NCP5901BMNTBG</b> onsemi IC GATE DRVR HALF-BRIDGE 8DFN	 <b>NCP5901DR2G</b> onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	 <b>NCP59748MN2ADJTBG</b> onsemi IC REG LINEAR POS ADJ 1.5A 20QFN
 <b>NCP5911MNTBG</b> onsemi IC GATE DRVR HALF-BRIDGE 8DFN	 <b>NCP59744</b> AMI Semiconductor/onsemi	 <b>NCP59748MN1ADJTBG</b> onsemi IC REG LINEAR POS ADJ 1.5A 10DFN	 <b>NCP59301DS50R4G</b> onsemi IC REG LINEAR 5V 3A D2PAK-5	 <b>NCP59151MN33TYG</b> onsemi IC REG LINEAR 3.3V 1.5A 8DFN	 <b>NCP5901MNTBG</b> onsemi BUFFER/INVERTER BASED MOSFET DRI

**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
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**Contact us if you have any questions.**

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**Certifications & Memberships**



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**Contact us**

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