

Image may be representation.  
See specifications for product details.



## NCP565D2T33R4G

Manufacturer Part Number **NCP565D2T33R4G**

Manufacturer **onsemi**

Allelco Part Number **32D-NCP565D2T33R4G**

ECAD Model PCB Symbol, Footprint & 3D Mode

Parts Description **IC REG LINEAR 3.3V 1.5A D2PAK**

Package **TO-263-3, D<sup>2</sup>Pak (2 Leads + Tab), TO-263AB**

Data sheet **NCP/NCV565.pdf**

**NCP/NCV565.pdf**

RoHs Status **ROHS3 Compliant**

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NCP565D2T33R4G - onsemi.New Original in Stock. Download Linear Technology NCP565D2T33R4G datasheet/specifications on AllelcoElec.com.

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## Specifications

NCP565D2T33R4G Tech Specifications

NCP565D2T33R4G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	85dB ~ 75db (120Hz ~ 1kHz)
Voltage Dropout (Max)	-	Output Type	Fixed
Voltage - Output (Min/Fixed)	3.3V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	9V	Number of Regulators	1
Supplier Device Package	D2PAK-3	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	3 mA
Protection Features	Over Current, Over Temperature	Current - Output	1.5A
Package / Case	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	NCP565

## Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP565D2T33R4G

Product Attribute				
Part Number	NCP565D2T33R4G	NCP563SQ30T1	NCP565D2TR4G	NCP565ST12T3G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Output (Min/Fixed)	3.3V	3V	0.9V	1.2V
Package / Case	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	SC-82A, SOT-343	TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA	TO-261-4, TO-261AA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 125°C
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Control Features	-	-	-	-
Current - Output	1.5A	80mA	1.5A	1.5A
Voltage - Output (Max)	-	-	7.7V	-
Voltage - Input (Max)	9V	6V	9V	9V
Current - Quiescent (Iq)	3 mA	1 µA	3 mA	3 mA
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Series	-	-	-	-
Number of Regulators	1	1	1	1
Voltage Dropout (Max)	-	0.35V @ 80mA	1.3V @ 1.5A	-
Output Configuration	Positive	Positive	Positive	Positive
Base Product Number	NCP565	NCP563	NCP565	NCP565
Supplier Device Package	D2PAK-3	SC-82AB	D2PAK-5	SOT-223 (TO-261)
Output Type	Fixed	Fixed	Adjustable	Fixed
PSRR	85dB ~ 75db (120Hz ~ 1kHz)	-	85dB ~ 75db (120Hz ~ 1kHz)	85dB ~ 75db (120Hz ~ 1kHz)

## NCP565D2T33R4G Datasheet PDF

Download NCP565D2T33R4G pdf datasheets and onsemi documentation for NCP565D2T33R4G - onsemi.

### Datasheets

[NCP/NCV565.pdf](#)

### Environmental Information

[onsemi REACH.pdf](#)








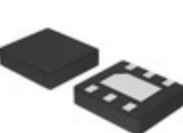










[onsemi RoHS.pdf](#)

[Material Declaration NCP565D2T33R4G.pdf](#)

### HTML Datasheet

## Customers Also Interested in

### Recommended Products

 <b>NCP563SQ30T1</b> onsemi IC REG LINEAR 3V 80MA SC82AB	 <b>NCP565D2TR4G</b> onsemi IC REG LIN POS ADJ 1.5A D2PAK-5	 <b>NCP565ST12T3G</b> onsemi IC REG LINEAR 1.2V 1.5A SOT223	 <b>NCP565D2T12R4G</b> onsemi IC REG LINEAR 1.2V 1.5A D2PAK	 <b>NCP5661DT33RKG</b> onsemi IC REG LINEAR 3.3V 1A DPAK-5	 <b>NCP563SQ25T1G</b> onsemi IC REG LINEAR 2.5V 80MA SC82AB
 <b>NCP563SQ28T1G</b> onsemi IC REG LINEAR 2.8V 80MA SC82AB	 <b>NCP565MN33T2G</b> onsemi IC REG LINEAR 3.3V 1.5A 6DFN	 <b>NCP565D2T33G</b> onsemi IC REG LINEAR 3.3V 1.5A D2PAK	 <b>NCP565MNADJT2G</b> onsemi IC REG LINEAR POS ADJ 1.5A 6DFN	 <b>NCP563SQ30T1G</b> onsemi IC REG LINEAR 3V 80MA SC82AB	 <b>NCP565MN28T2G</b> onsemi IC REG LINEAR 2.8V 1.5A 6DFN
 <b>NCP565D2TG</b> onsemi IC REG LIN POS ADJ 1.5A D2PAK-5	 <b>NCP5661DT12RKG</b> onsemi IC REG LINEAR 1.2V 1A DPAK-5	 <b>NCP563SQ33T1G</b> onsemi IC REG LINEAR 3.3V 80MA SC82AB	 <b>NCP565D2TR4</b> onsemi IC REG LIN POS ADJ 1.5A D2PAK-5	 <b>NCP565D2T12G</b> onsemi IC REG LINEAR 1.2V 1.5A D2PAK	 <b>NCP563SQ27T1</b> onsemi IC REG LINEAR 2.7V 80MA SC82AB

## 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.

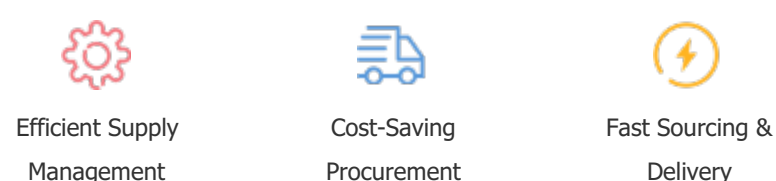
### Payment Support

The payment method can be chosen from the methods shown below:

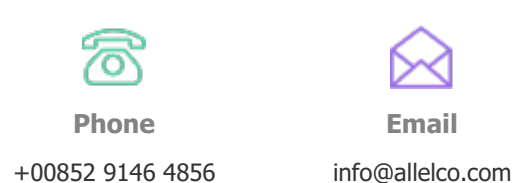
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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