



Image may be representation.  
See specifications for product details.



## MC33275DT-3.3RKG

Manufacturer Part Number **MC33275DT-3.3RKG**

Manufacturer **onsemi**

Allelco Part Number 32D-MC33275DT-3.3RKG

ECAD Model PCB Footprint and Symbol

Parts Description **IC REG LINEAR 3.3V 300MA DPAK**

Package **TO-252-3, DPak (2 Leads + Tab), SC-63**

Data sheet **MC33275, NCV33275.pdf**

**MC33275, NCV33275.pdf**

RoHs Status **ROHS3 Compliant**

**Get a Quote**

MC33275DT-3.3RKG - onsemi.New Original in Stock. Download Linear Technology MC33275DT-3.3RKG datasheet/specifications on AllelcoElec.com.  
Request a quote for MC33275DT-3.3RKG, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MC33275DT-3.3RKG Tech Specifications  
MC33275DT-3.3RKG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	75dB (120Hz)
Voltage Dropout (Max)	0.5V @ 300mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	3.3V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	13V	Number of Regulators	1
Supplier Device Package	DPAK	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	200 µA
Protection Features	Over Current, Over Temperature	Current - Output	300mA
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	MC33275

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC33275DT-3.3RKG

Product Attribute				
Part Number	MC33275DT-3.3RKG	MC33275DT-3.0	MC33275DT-2.5	MC33275ST-2.5T3G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Output Type	Fixed	Fixed	Fixed	Fixed
Base Product Number	MC33275	MC33275	MC33275	MC33275
Current - Quiescent (Iq)	200 µA	200 µA	200 µA	200 µA
Output Configuration	Positive	Positive	Positive	Positive
Voltage - Output (Max)	-	-	-	-
PSRR	75dB (120Hz)	75dB (120Hz)	75dB (120Hz)	75dB (120Hz)
Current - Output	300mA	300mA	300mA	300mA
Control Features	-	-	-	-
Supplier Device Package	DPAK	DPAK	DPAK	SOT-223 (TO-261)
Voltage - Output (Min/Fixed)	3.3V	3V	2.5V	2.5V
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Voltage Dropout (Max)	0.5V @ 300mA	0.5V @ 300mA	0.5V @ 300mA	0.5V @ 300mA
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-261-4, TO-261AA
Voltage - Input (Max)	13V	13V	13V	13V
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Regulators	1	1	1	1
Series	-	-	-	-

### MC33275DT-3.3RKG Datasheet PDF

Download MC33275DT-3.3RKG pdf datasheets and onsemi documentation for MC33275DT-3.3RKG - onsemi.

#### Datasheets

[MC33275, NCV33275.pdf](#)

#### Environmental Information



















[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### HTML Datasheet

## Customers Also Interested in

### Recommended Products

					
<b>MC33275DT-3.0</b> onsemi IC REG LINEAR 3V 300MA DPAK	<b>MC33275DT-2.5</b> onsemi IC REG LINEAR 2.5V 300MA DPAK	<b>MC33275ST-2.5T3G</b> onsemi IC REG LINEAR 2.5V 300MA SOT223	<b>MC33275DT-3.3G</b> onsemi IC REG LINEAR 3.3V 300MA DPAK	<b>MC33275D-3.3G</b> onsemi IC REG LINEAR 3.3V 300MA 8SOIC	<b>MC33275DT-5.0</b> onsemi IC REG LINEAR 5V 300MA DPAK
					
<b>MC33275ST-3.3T3G</b> onsemi IC REG LINEAR 3.3V 300MA SOT223	<b>MC33275ST-5.0T3G</b> onsemi IC REG LINEAR 5V 300MA SOT223	<b>MC33275D-3.3R2G</b> onsemi IC REG LINEAR 3.3V 300MA 8SOIC	<b>MC33275D-5.0R2G</b> onsemi IC REG LINEAR 5V 300MA 8SOIC	<b>MC33275DT-3.0RKG</b> onsemi IC REG LINEAR 3V 300MA DPAK	<b>MC33275DT-5.0RKG</b> onsemi IC REG LINEAR 5V 300MA DPAK
					
<b>MC33275DT-2.5RKG</b> onsemi IC REG LINEAR 2.5V 300MA DPAK	<b>MC33275ST-5.0T3</b> onsemi IC REG LINEAR 5V 300MA SOT223	<b>MC33275D-5.0G</b> onsemi IC REG LINEAR 5V 300MA 8SOIC	<b>MC33275DT-1.8RKG</b> AMI Semiconductor/onsemi	<b>MC33275DT-5.0RK</b> onsemi IC REG LINEAR 5V 300MA DPAK	<b>MC33275ST-3.0T3G</b> onsemi IC REG LINEAR 3V 300MA SOT223

## 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.

 Phone +00852 9146 4856	 Email info@allelco.com
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### Certifications & Memberships



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