



Image may be representation.  
See specifications for product details.



## LD1085D2T33R

Manufacturer Part Number	<b>LD1085D2T33R</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-LD1085D2T33R
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 3.3V 3A D2PAK
Package	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB
Data sheet	<b>LD1085xx.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

LD1085D2T33R - STMicroelectronics.New Original in Stock. Download Linear Technology LD1085D2T33R datasheet/specifications on AllelcoElec.com.  
Request a quote for LD1085D2T33R, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

LD1085D2T33R Tech Specifications

LD1085D2T33R - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	PSRR	72dB (120Hz)
Voltage Dropout (Max)	1.5V @ 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)	30V	Number of Regulators	1
Supplier Device Package	D2PAK	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	10 mA
Protection Features	Over Current, Over Temperature	Current - Output	3A
Package / Case	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	LD1085

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics LD1085D2T33R

Product Attribute				
Part Number	LD1085D2T33R	LD1085P	LD1085D2T18R	LD1085DT-R
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Base Product Number	LD1085	LD1085	LD1085	LD1085
Series	-	-	-	-
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Voltage - Output (Max)	-	28.5V	-	28.5V
Voltage - Output (Min/Fixed)	3.3V	1.25V	1.8V	1.25V
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Current - Quiescent (Iq)	10 mA	10 mA	10 mA	10 mA
Supplier Device Package	D2PAK	TO-220FP	D2PAK	DPAK
Current - Output	3A	3A	3A	3A
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Control Features	-	-	-	-
Output Configuration	Positive	Positive	Positive	Positive
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Output Type	Fixed	Adjustable	Fixed	Adjustable
Voltage - Input (Max)	30V	30V	30V	30V
Voltage Dropout (Max)	1.5V @ 3A	1.5V @ 3A	1.5V @ 3A	1.5V @ 3A
Number of Regulators	1	1	1	1
Package / Case	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	TO-220-3 Full Pack	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	TO-252-3, DPak (2 Leads + Tab), SC-63
PSRR	72dB (120Hz)	72dB (120Hz)	72dB (120Hz)	72dB (120Hz)

### LD1085D2T33R Datasheet PDF

Download LD1085D2T33R pdf datasheets and STMicroelectronics documentation for LD1085D2T33R - STMicroelectronics.

HTML Datasheet



### Customers Also Interested in

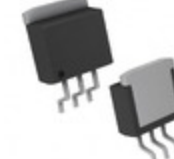
#### Recommended Products

**LD1085P**STMicroelectronics  
IC REG LINEAR POS ADJ 3A  
TO220FP**LD1085D2T18R**STMicroelectronics  
IC REG LINEAR 1.8V 3A D2PAK**LD1085D2T50TR**

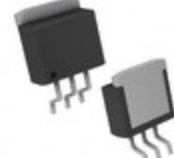
STMicroelectronics

**LD1085D2M33TR**

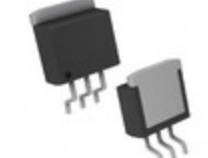
STMicroelectronics

**LD1085DT-R**STMicroelectronics  
IC REG LINEAR POS ADJ 3A DPAK**LD1085D2M-R**STMicroelectronics  
IC REG LINEAR POS ADJ 3A D2PAK-3**LD1085D2T**

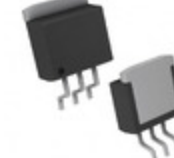
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**LD1085D2M18R**STMicroelectronics  
IC REG LINEAR 1.8V 3A D2PAK-3**LD1085D2M25**

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**LD1085D2M33R**STMicroelectronics  
IC REG LINEAR 3.3V 3A D2PAK-3**LD1085D2T15R**STMicroelectronics  
IC REG LINEAR 1.5V 3A D2PAK**LD1085V33**STMicroelectronics  
IC REG LINEAR 3.3V 3A TO220AB**LD1085V18**STMicroelectronics  
IC REG LINEAR 1.8V 3A TO220AB**LD1085V**STMicroelectronics  
IC REG LINEAR POS ADJ 3A TO220**LD1085V50**STMicroelectronics  
IC REG LINEAR 5V 3A TO220AB**LD1085DT33TR**

STMicroelectronics

**LD1085D2T-R**STMicroelectronics  
IC REG LINEAR POS ADJ 3A D2PAK**LD1085D2M25R**STMicroelectronics  
IC REG LINEAR 2.5V 3A D2PAK-3

## 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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