



Image may be representation.
See specifications for product details.



LDLN030G33R

Manufacturer Part Number	LDLN030G33R
Manufacturer	STMicroelectronics
Allelco Part Number	32D-LDLN030G33R
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG LIN 3.3V 300MA TSOT23-5
Package	SOT-23-5 Thin, TSOT-23-5
Data sheet	LDLN030 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

LDLN030G33R - STMicroelectronics.New Original in Stock. Download Linear Technology LDLN030G33R datasheet/specifications on AllelcoElec.com.
Request a quote for LDLN030G33R, please send us email: info@allelco.com

Specifications

LDLN030G33R Tech Specifications

LDLN030G33R - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	Fixed
Voltage Dropout (Max)	0.23V @ 300mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	3.3V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	5.5V	Mounting Type	Surface Mount
Supplier Device Package	TSOT-23-5	Current - Supply (Max)	360 µA
Series	-	Current - Quiescent (Iq)	30 µA
Protection Features	Over Current, Over Temperature	Current - Output	300mA
Package / Case	SOT-23-5 Thin, TSOT-23-5	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	LDLN030
PSRR	70dB ~ 53dB (100Hz ~ 10kHz)		

Parts with Similar Specifications

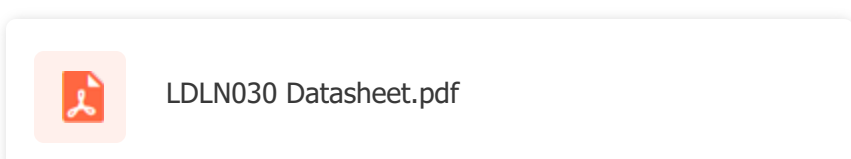
The three parts on the right have similar specifications to STMicroelectronics LDLN030G33R

Product Attribute				
Part Number	LDLN030G33R	LDLN025J28R	LDLN025PU18R	LDLN025PU29R
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Current - Output	300mA	250mA	250mA	250mA
Supplier Device Package	TSOT-23-5	4-FlipChip	4-DFN (1x1)	4-DFN (1x1)
Voltage - Output (Max)	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Package / Case	SOT-23-5 Thin, TSOT-23-5	4-XFBGA, FCBGA	4-XDFN Exposed Pad	4-XDFN Exposed Pad
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature, Short Circuit, Soft Start	Over Current, Over Temperature, Short Circuit, Soft Start	Over Current, Over Temperature, Short Circuit, Soft Start
Voltage Dropout (Max)	0.23V @ 300mA	0.2V @ 250mA	0.25V @ 250mA	0.25V @ 250mA
PSRR	70dB ~ 53dB (100Hz ~ 10kHz)	80dB ~ 60dB (100Hz ~ 100kHz)	80dB ~ 60dB (100Hz ~ 100kHz)	80dB ~ 60dB (100Hz ~ 100kHz)
Output Configuration	Positive	Positive	Positive	Positive
Current - Quiescent (Iq)	30 µA	25 µA	25 µA	25 µA
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Current - Supply (Max)	360 µA	425 µA	425 µA	425 µA
Series	-	-	-	-
Control Features	Enable	Enable	Enable	Enable
Voltage - Output (Min/Fixed)	3.3V	2.8V	1.8V	2.9V
Output Type	Fixed	Fixed	Fixed	Fixed
Number of Regulators	1	1	1	1
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	LDLN030	LDLN025	LDLN025	LDLN025

LDLN030G33R Datasheet PDF

Download LDLN030G33R pdf datasheets and STMicroelectronics documentation for LDLN030G33R - STMicroelectronics.

HTML Datasheet



Customers Also Interested in

Recommended Products



LDLN025J28R

STMicroelectronics
IC REG LIN 2.8V 250MA 4FLIPCHIP



LDLN025PU18R

STMicroelectronics
IC REG LINEAR 1.8V 250MA 4DFN



LDLN025PU29R

STMicroelectronics
IC REG LINEAR 2.9V 250MA 4DFN



LDLN025M25R

STMicroelectronics
IC REG LINEAR 2.5V 250MA SOT23-5



LDLN025PU275R

STMicroelectronics
IC REG LIN 2.75V 250MA 4FLIPCHIP



LDLN025M45R

STMicroelectronics
IC REG LINEAR 4.5V 250MA SOT23-5



LDLN025M18R

STMicroelectronics
IC REG LINEAR 1.8V 250MA SOT23-5



LDLN025J2925R

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IC REG LIN 2.925V 250MA 4FLIPCHIP



LDLN025J32R

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IC REG LIN 3.2V 250MA 4FLIPCHIP



LDLN025M33R

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IC REG LINEAR 3.3V 250MA SOT23-5



LDLN025J18R

STMicroelectronics
IC REG LIN 1.8V 250MA 4FLIPCHIP



LDLN025PU32R

STMicroelectronics
IC REG LINEAR 3.2V 250MA 4DFN



LDLN025M28R

STMicroelectronics
IC REG LINEAR 2.8V 250MA SOT23-5



LDLN025J33R

STMicroelectronics
IC REG LIN 3.3V 250MA 4FLIPCHIP



LDLN025J12R

STMicroelectronics
IC REG LIN 1.2V 250MA 4FLIPCHIP



LDLN025PU33R

STMicroelectronics
IC REG LINEAR 3.3V 250MA 4DFN



LDLN025J30R

STMicroelectronics
IC REG LINEAR 3V 250MA 4FLIPCHIP



LDLN025PU25R

STMicroelectronics
IC REG LINEAR 2.5V 250MA 4DFN

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



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info@allelco.com

Certifications & Memberships



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