



Image may be representation.
See specifications for product details.



LDLN025PU33R

Manufacturer Part Number	LDLN025PU33R
Manufacturer	STMicroelectronics
Allelco Part Number	32D-LDLN025PU33R
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR 3.3V 250MA 4DFN
Package	4-XDFN Exposed Pad
Data sheet	LDLN025.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

LDLN025PU33R - STMicroelectronics.New Original in Stock. Download Linear Technology LDLN025PU33R datasheet/specifications on AllelcoElec.com.
Request a quote for LDLN025PU33R, please send us email: info@allelco.com

Specifications

LDLN025PU33R Tech Specifications

LDLN025PU33R - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	Fixed
Voltage Dropout (Max)	0.25V @ 250mA	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	4-DFN (1x1)	Current - Supply (Max)	425 µA
Series	-	Current - Quiescent (Iq)	25 µA
Protection Features	Over Current, Over Temperature, Short Circuit, Soft Start	Current - Output	250mA
Package / Case	4-XDFN Exposed Pad	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	LDLN025
PSRR	80dB ~ 60dB (100Hz ~ 100KHz)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics LDLN025PU33R

Product Attribute				
Part Number	LDLN025PU33R	LDLN030G33R	LDLN025PU32R	LDLN025J18R
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
PSRR	80dB ~ 60dB (100Hz ~ 100KHz)	70dB ~ 53dB (100Hz ~ 10kHz)	80dB ~ 60dB (100Hz ~ 100KHz)	80dB ~ 60dB (100Hz ~ 100KHz)
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Voltage - Output (Min/Fixed)	3.3V	3.3V	3.2V	1.8V
Package / Case	4-XDFN Exposed Pad	SOT-23-5 Thin, TSOT-23-5	4-XDFN Exposed Pad	4-XFBGA, FCBGA
Voltage Dropout (Max)	0.25V @ 250mA	0.23V @ 300mA	0.25V @ 250mA	0.2V @ 250mA
Number of Regulators	1	1	1	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	LDLN025	LDLN030	LDLN025	LDLN025
Protection Features	Over Current, Over Temperature, Short Circuit, Soft Start	Over Current, Over Temperature	Over Current, Over Temperature, Short Circuit, Soft Start	Over Current, Over Temperature, Short Circuit, Soft Start
Voltage - Output (Max)	-	-	-	-
Output Configuration	Positive	Positive	Positive	Positive
Output Type	Fixed	Fixed	Fixed	Fixed
Control Features	Enable	Enable	Enable	Enable
Supplier Device Package	4-DFN (1x1)	TSOT-23-5	4-DFN (1x1)	4-FlipChip
Current - Quiescent (Iq)	25 µA	30 µA	25 µA	25 µA
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Current - Output	250mA	300mA	250mA	250mA
Series	-	-	-	-
Current - Supply (Max)	425 µA	360 µA	425 µA	425 µA

LDLN025PU33R Datasheet PDF

Download LDLN025PU33R pdf datasheets and STMicroelectronics documentation for LDLN025PU33R - STMicroelectronics.

HTML Datasheet



Customers Also Interested in

Recommended Products



LDLN030G33R

STMicroelectronics
IC REG LIN 3.3V 300MA TSOT23-5



LDLN025PU32R

STMicroelectronics
IC REG LINEAR 3.2V 250MA 4DFN



LDLN025J18R

STMicroelectronics
IC REG LIN 1.8V 250MA 4FLIPCHIP



LDLN025J28R

STMicroelectronics
IC REG LIN 2.8V 250MA 4FLIPCHIP



LDLN025PU275R

STMicroelectronics
IC REG LIN 2.75V 250MA 4FLIPCHIP



LDLN025M33R

STMicroelectronics
IC REG LINEAR 3.3V 250MA SOT23-5



LDLN025PU29R

STMicroelectronics
IC REG LINEAR 2.9V 250MA 4DFN



LDLN025J2925R

STMicroelectronics
IC REG LIN 2.925V 250MA 4FLIPCHIP



LDLN025M18R

STMicroelectronics
IC REG LINEAR 1.8V 250MA SOT23-5



LDLN025J32R

STMicroelectronics
IC REG LIN 3.2V 250MA 4FLIPCHIP



LDLN025M28R

STMicroelectronics
IC REG LINEAR 2.8V 250MA SOT23-5



LDLN025J30R

STMicroelectronics
IC REG LINEAR 3V 250MA 4FLIPCHIP



LDLN025PU18R

STMicroelectronics
IC REG LINEAR 1.8V 250MA 4DFN



LDLN025M45R

STMicroelectronics
IC REG LINEAR 4.5V 250MA SOT23-5



LDLN025PU25R

STMicroelectronics
IC REG LINEAR 2.5V 250MA 4DFN



LDLN025J33R

STMicroelectronics
IC REG LIN 3.3V 250MA 4FLIPCHIP



LDLN025J12R

STMicroelectronics
IC REG LIN 1.2V 250MA 4FLIPCHIP



LDLN025M25R

STMicroelectronics
IC REG LINEAR 2.5V 250MA SOT23-5

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
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Email
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Certifications & Memberships



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