



Image may be representation.
See specifications for product details.



LDLN025M18R

Manufacturer Part Number	LDLN025M18R
Manufacturer	STMicroelectronics
Allelco Part Number	32D-LDLN025M18R
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 1.8V 250MA SOT23-5
Package	SC-74A, SOT-753
Data sheet	Power Management Handheld,Portable Guide.pdf LDLN025.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

LDLN025M18R - STMicroelectronics.New Original in Stock. Download Linear Technology LDLN025M18R datasheet/specifications on AllelcoElec.com.
Request a quote for LDLN025M18R, please send us email: info@allelco.com

Specifications

LDLN025M18R Tech Specifications

LDLN025M18R - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	Fixed
Voltage Dropout (Max)	0.2V @ 250mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	1.8V	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	SOT-23-5	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	SC-74A, SOT-753	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 LDLN025M18R

Product Attribute				
Part Number	LDLN025M18R	LDLN025J12R	LDLN025M33R	LDLN025J28R
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Output Type	Fixed	Fixed	Fixed	Fixed
Current - Quiescent (Iq)	25 µA	25 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 - Supply (Max)	425 µA	425 µA	425 µA	425 µA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Control Features	Enable	Enable	Enable	Enable
Base Product Number	LDLN025	LDLN025	LDLN025	LDLN025
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Series	-	-	-	-
Current - Output	250mA	250mA	250mA	250mA
Package / Case	SC-74A, SOT-753	4-XFBGA, FCBGA	SC-74A, SOT-753	4-XFBGA, FCBGA
Voltage Dropout (Max)	0.2V @ 250mA	0.2V @ 250mA	0.2V @ 250mA	0.2V @ 250mA
PSRR	80dB ~ 60dB (100Hz ~ 100KHz)	80dB ~ 60dB (100Hz ~ 100KHz)	80dB ~ 60dB (100Hz ~ 100KHz)	80dB ~ 60dB (100Hz ~ 100KHz)
Protection Features	Over Current, Over Temperature, Short Circuit, Soft Start	Over Current, Over Temperature, Short Circuit, Soft Start	Over Current, Over Temperature, Short Circuit, Soft Start	Over Current, Over Temperature, Short Circuit, Soft Start
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	1.8V	1.2V	3.3V	2.8V
Supplier Device Package	SOT-23-5	4-FlipChip (0.63x0.63)	SOT-23-5	4-FlipChip
Voltage - Output (Max)	-	-	-	-
Output Configuration	Positive	Positive	Positive	Positive
Number of Regulators	1	1	1	1

LDLN025M18R Datasheet PDF

Download LDLN025M18R pdf datasheets and STMicroelectronics documentation for LDLN025M18R - STMicroelectronics.

HTML Datasheet

[Power Management Handheld,Portable Guide.pdf](#)

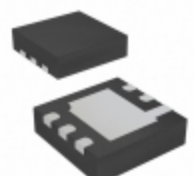
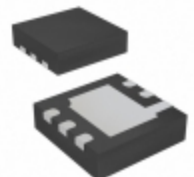
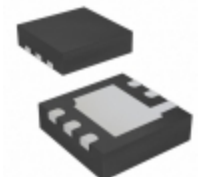
[LDLN025.pdf](#)

PCN Assembly/Origin



Customers Also Interested in

Recommended Products

**LDLN025J12R**STMicroelectronics
IC REG LIN 1.2V 250MA 4FLIPCHIP**LDLN025M33R**STMicroelectronics
IC REG LINEAR 3.3V 250MA SOT23-5**LDLN025J28R**STMicroelectronics
IC REG LIN 2.8V 250MA 4FLIPCHIP**LDLN025M28R**STMicroelectronics
IC REG LINEAR 2.8V 250MA SOT23-5**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**LDLN025M25R**STMicroelectronics
IC REG LINEAR 2.5V 250MA SOT23-5**LDLN015PU30R**STMicroelectronics
IC REG LINEAR 3V 150MA 6DFN**LDLN025J30R**STMicroelectronics
IC REG LINEAR 3V 250MA 4FLIPCHIP**LDLN025PU29R**STMicroelectronics
IC REG LINEAR 2.9V 250MA 4DFN**LDLN025J33R**STMicroelectronics
IC REG LIN 3.3V 250MA 4FLIPCHIP**LDLN025J18R**STMicroelectronics
IC REG LIN 1.8V 250MA 4FLIPCHIP**LDLN025J2925R**STMicroelectronics
IC REG LIN 2.925V 250MA 4FLIPCHIP**LDLN015PU33R**STMicroelectronics
IC REG LINEAR 3.3V 150MA 6DFN**LDLN025J32R**STMicroelectronics
IC REG LIN 3.2V 250MA 4FLIPCHIP**LDLN015PU25R**STMicroelectronics
IC REG LINEAR 2.5V 150MA 6DFN**LDLN025PU275R**STMicroelectronics
IC REG LIN 2.75V 250MA 4FLIPCHIP

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 Alleco 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.



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