



Image may be representation.  
See specifications for product details.



## LDK120M25R

Manufacturer Part Number	<b>LDK120M25R</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-LDK120M25R
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 2.5V 200MA SOT23-5
Package	SC-74A, SOT-753
Data sheet	LDK120M25R.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

LDK120M25R - STMicroelectronics.New Original in Stock. Download Linear Technology LDK120M25R datasheet/specifications on AllelcoElec.com.  
Request a quote for LDK120M25R, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

LDK120M25R Tech Specifications

LDK120M25R - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	Fixed
Voltage Dropout (Max)	0.3V @ 200mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	2.5V	Operating Temperature	-40°C ~ 125°C
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)	100 µA
Series	-	Current - Quiescent (Iq)	60 µA
Protection Features	Over Current, Over Temperature	Current - Output	200mA
Package / Case	SC-74A, SOT-753	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	LDK120
PSRR	55dB (120Hz ~ 10kHz)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics LDK120M25R

Product Attribute				
Part Number	LDK120M25R	<b>LDK120DM33R</b>	<b>LDK120PU18R</b>	<b>LDK120M12R</b>
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package / Case	SC-74A, SOT-753	SC-74A, SOT-753	6-XDFN	SC-74A, SOT-753
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Output Type	Fixed	Fixed	Fixed	Fixed
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Current - Supply (Max)	100 µA	100 µA	100 µA	100 µA
Base Product Number	LDK120	LDK120	LDK120	LDK120
Current - Output	200mA	200mA	200mA	200mA
Voltage Dropout (Max)	0.3V @ 200mA	0.3V @ 200mA	0.3V @ 200mA	0.3V @ 200mA
Voltage - Output (Min/Fixed)	2.5V	3.3V	1.8V	1.2V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Output Configuration	Positive	Positive	Positive	Positive
Control Features	Enable	Enable	Enable	Enable
Voltage - Output (Max)	-	-	-	-
Supplier Device Package	SOT-23-5	SOT-23-5	6-DFN (1.2x1.3)	SOT-23-5
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Regulators	1	1	1	1
Current - Quiescent (Iq)	60 µA	60 µA	60 µA	60 µA
PSRR	55dB (120Hz ~ 10kHz)	55dB (120Hz ~ 10kHz)	55dB (120Hz ~ 10kHz)	55dB (120Hz ~ 10kHz)

### LDK120M25R Datasheet PDF

Download LDK120M25R pdf datasheets and STMicroelectronics documentation for LDK120M25R - STMicroelectronics.

#### PCN Packaging

[Moisture Barrier Bag 09/May/2016.pdf](#)

#### PCN Assembly/Origin

[New Lead-Frame 01/Sep/2020.pdf](#)

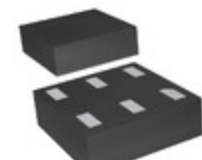
## Customers Also Interested in

### Recommended Products



#### LDK120DM33R

STMicroelectronics  
IC REG LINEAR 3.3V 200MA SOT23-5



#### LDK120PU18R

STMicroelectronics  
IC REG LINEAR 1.8V 200MA 6DFN



#### LDK120M12R

STMicroelectronics  
IC REG LINEAR 1.2V 200MA SOT23-5



#### LDK120C35R

STMicroelectronics  
IC REG LIN 3.5V 200MA SOT323-5



#### LDK130C10R

STMicroelectronics  
IC REG LINEAR 1V 300MA SOT323-5



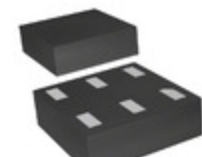
#### LDK120M08R

STMicroelectronics  
IC REG LINEAR 0.8V 200MA SOT23-5



#### LDK120M10R

STMicroelectronics  
IC REG LINEAR 1V 200MA SOT23-5



#### LDK120PU30R

STMicroelectronics  
IC REG LINEAR 3V 200MA 6DFN



#### LDK120M18R

STMicroelectronics  
IC REG LINEAR 1.8V 200MA SOT23-5



#### LDK120C33R

STMicroelectronics  
IC REG LIN 3.3V 200MA SOT323-5



#### LDK130C-R

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IC REG LIN POS ADJ 300MA SOT323



#### LDK120M11R

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IC REG LINEAR 1.1V 200MA SOT23-5



#### LDK120M32R

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IC REG LINEAR 3.2V 200MA SOT23-5



#### LDK120M15R

STMicroelectronics  
IC REG LINEAR 1.5V 200MA SOT23-5



#### LDK120M30R

STMicroelectronics  
IC REG LINEAR 3V 200MA SOT23-5



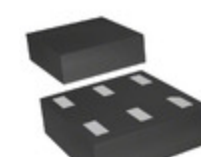
#### LDK130C12R

STMicroelectronics  
IC REG LINEAR 1.2 300MA SOT323-5



#### LDK120PU-R

STMicroelectronics  
IC REG LINEAR POS ADJ 200MA 6DFN



#### LDK120PU08R

STMicroelectronics  
IC REG LINEAR 0.8V 200MA 6DFN

## 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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### Certifications & Memberships



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