

Image may be representation.  
See specifications for product details.



## LDK120C08R

Manufacturer Part Number	<b>LDK120C08R</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-LDK120C08R
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LIN 0.8V 200MA SOT323-5
Package	5-TSSOP, SC-70-5, SOT-353
Data sheet	LDK120C08R.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

LDK120C08R - STMicroelectronics.New Original in Stock. Download Linear Technology LDK120C08R datasheet/specifications on AllelcoElec.com.  
Request a quote for LDK120C08R, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

LDK120C08R Tech Specifications

LDK120C08R - 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)	0.8V	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-323-5	Current - Supply (Max)	100 µA
Series	-	Current - Quiescent (Iq)	60 µA
Protection Features	Over Current, Over Temperature	Current - Output	200mA
Package / Case	5-TSSOP, SC-70-5, SOT-353	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 LDK120C08R

Product Attribute				
Part Number	LDK120C08R	<b>LDK120C33R</b>	<b>LDK120C29R</b>	<b>LDK120C30R</b>
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Number of Regulators	1	1	1	1
Voltage Dropout (Max)	0.3V @ 200mA	0.3V @ 200mA	0.3V @ 200mA	0.3V @ 200mA
Voltage - Output (Max)	-	-	-	-
Output Configuration	Positive	Positive	Positive	Positive
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	0.8V	3.3V	2.9V	3V
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Series	-	-	-	-
Current - Quiescent (Iq)	60 µA	60 µA	60 µA	60 µA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Control Features	Enable	Enable	Enable	Enable
Current - Supply (Max)	100 µA	100 µA	100 µA	100 µA
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Current - Output	200mA	200mA	200mA	200mA
Supplier Device Package	SOT-323-5	SOT-323-5	SOT-323-5	SOT-323-5
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Base Product Number	LDK120	LDK120	LDK120	LDK120
Package / Case	5-TSSOP, SC-70-5, SOT-353	5-TSSOP, SC-70-5, SOT-353	5-TSSOP, SC-70-5, SOT-353	5-TSSOP, SC-70-5, SOT-353
PSRR	55dB (120Hz ~ 10kHz)	55dB (120Hz ~ 10kHz)	55dB (120Hz ~ 10kHz)	55dB (120Hz ~ 10kHz)
Output Type	Fixed	Fixed	Fixed	Fixed

### LDK120C08R Datasheet PDF

Download LDK120C08R pdf datasheets and STMicroelectronics documentation for LDK120C08R - STMicroelectronics.

#### PCN Packaging



















2.73KHz.pdf

#### PCN Assembly/Origin

Stamped Lead Frames Source 20/Mar/2014.pdf

## Customers Also Interested in

### Recommended Products

					
<b>LDK120C33R</b> STMicroelectronics IC REG LIN 3.3V 200MA SOT323-5	<b>LDK120C29R</b> STMicroelectronics IC REG LINEAR 2.9V200MA SOT323-5	<b>LDK120C30R</b> STMicroelectronics IC REG LINEAR 3V 200MA SOT323-5	<b>LDK120C10R</b> STMicroelectronics IC REG LINEAR 1V 200MA SOT323-5	<b>LDK120C11R</b> STMicroelectronics IC REG LIN 1.1V 200MA SOT323-5	<b>LDK120DM33R</b> STMicroelectronics IC REG LINEAR 3.3V 200MA SOT23-5
					
<b>LDK120C32R</b> STMicroelectronics IC REG LIN 3.2V 200MA SOT323-5	<b>LDK120C25R</b> STMicroelectronics IC REG LIN 2.5V 200MA SOT323-5	<b>LDK120C35R</b> STMicroelectronics IC REG LIN 3.5V 200MA SOT323-5	<b>LDK120C12R</b> STMicroelectronics IC REG LIN 1.2V 200MA SOT323-5	<b>LDK105BBJ475MV-F</b> TAIYO	<b>LDK120C15R</b> STMicroelectronics IC REG LIN 1.5V 200MA SOT323-5
					
<b>LDK107BBJ226MA-R</b> TAIYO	<b>LDK120C28R</b> STMicroelectronics IC REG LIN 2.8V 200MA SOT323-5	<b>LDK120C18R</b> STMicroelectronics IC REG LIN 1.8V 200MA SOT323-5	<b>LDK120C-R</b> STMicroelectronics IC REG LIN POS ADJ 200MA SOT323	<b>LDK120M-R</b> STMicroelectronics IC REG LIN POS ADJ 200MA SOT23-5	<b>LDK105CBJ106MVL</b> TAIYO

## 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

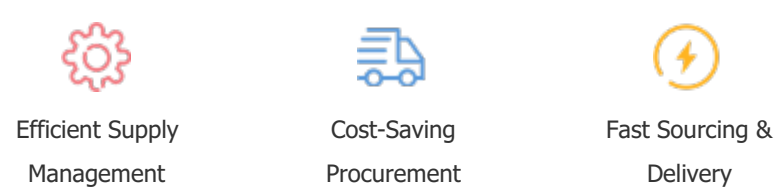
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### 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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