



Image may be representation.  
See specifications for product details.



## STLQ015M12R

Manufacturer Part Number	<b>STLQ015M12R</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-STLQ015M12R
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 1.2V 150MA SOT23-5
Package	SC-74A, SOT-753
Data sheet	STLQ015M12R.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

STLQ015M12R - STMicroelectronics.New Original in Stock. Download Linear Technology STLQ015M12R datasheet/specifications on AllelcoElec.com.  
Request a quote for STLQ015M12R, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

STLQ015M12R Tech Specifications  
STLQ015M12R - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	Fixed
Voltage Dropout (Max)	0.3V @ 150mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	1.2V	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)	2.4 µA
Series	-	Current - Quiescent (Iq)	1.7 µA
Protection Features	Over Current, Over Temperature	Current - Output	150mA
Package / Case	SC-74A, SOT-753	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	STLQ015
PSRR	40dB ~ 15dB (1kHz ~ 100kHz)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STLQ015M12R

Product Attribute				
Part Number	STLQ015M12R	STLQ015M33R	STLQ015XG15R	STLQ015XG31R
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage Dropout (Max)	0.3V @ 150mA	0.3V @ 150mA	0.3V @ 150mA	0.3V @ 150mA
Package / Case	SC-74A, SOT-753	SC-74A, SOT-753	SOT-563, SOT-666	SOT-563, SOT-666
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	-40°C ~ 125°C
Base Product Number	STLQ015	STLQ015	STLQ015	STLQ015
Series	-	-	-	-
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Supplier Device Package	SOT-23-5	SOT-23-5	SOT-666	SOT-666
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Control Features	Enable	Enable	Enable	Enable
Current - Supply (Max)	2.4 µA	2.4 µA	-	-
Output Configuration	Positive	Positive	Positive	Positive
Voltage - Output (Max)	-	-	-	-
Output Type	Fixed	Fixed	Fixed	Fixed
Number of Regulators	1	1	1	1
Current - Quiescent (Iq)	1.7 µA	1.7 µA	2.4 µA	2.4 µA
PSRR	40dB ~ 15dB (1kHz ~ 100kHz)	40dB ~ 15dB (1kHz ~ 100kHz)	40dB ~ 15dB (1kHz ~ 100kHz)	40dB ~ 15dB (1kHz ~ 100kHz)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	1.2V	3.3V	1.5V	3.1V
Current - Output	150mA	150mA	150mA	150mA

### STLQ015M12R Datasheet PDF

Download STLQ015M12R pdf datasheets and STMicroelectronics documentation for STLQ015M12R - STMicroelectronics.

#### PCN Packaging










2.73KHz.pdf

#### PCN Assembly/Origin

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## Customers Also Interested in

### Recommended Products

 life.augmented				 life.augmented	 life.augmented
<b>STLM75DS2</b> STMicroelectronics	<b>STLQ015M33R</b> STMicroelectronics IC REG LINEAR 3.3V 150MA SOT23-5	<b>STLQ015XG15R</b> STMicroelectronics IC REG LINEAR 1.5V 150MA SOT666	<b>STLM75DS2F</b> STMicroelectronics SENSOR DIGITAL -55C-125C 8MSOP	<b>STLM75M2</b> STMicroelectronics	<b>STLNBP10L</b> STMicroelectronics
 life.augmented					
<b>STLM317P</b> STMicroelectronics	<b>STLQ015XG31R</b> STMicroelectronics IC REG LINEAR 3.1V 150MA SOT666	<b>STLM75M2F</b> STMicroelectronics SENSOR DIGITAL -55C-125C 8SO	<b>STLQ015XG12R</b> STMicroelectronics IC REG LINEAR 1.2V 150MA SOT666	<b>STLQ015XG33R</b> STMicroelectronics IC REG LINEAR 3.3V 150MA SOT666	<b>STLQ015M18R</b> STMicroelectronics IC REG LINEAR 1.8V 150MA SOT23-5
	 life.augmented				
<b>STLQ015M28R</b> STMicroelectronics IC REG LINEAR 2.8V 150MA SOT23-5	<b>STLM339N</b> STMicroelectronics	<b>STLQ015XG28R</b> STMicroelectronics IC REG LINEAR 2.8V 150MA SOT666	<b>STLQ020C18R</b> STMicroelectronics IC REG LIN 1.8V 200MA SOT323-5	<b>STLM20W87F</b> STMicroelectronics SENSOR ANALOG -55C-130C SOT323-5	<b>STLQ015M30R</b> STMicroelectronics IC REG LINEAR 3V 150MA 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

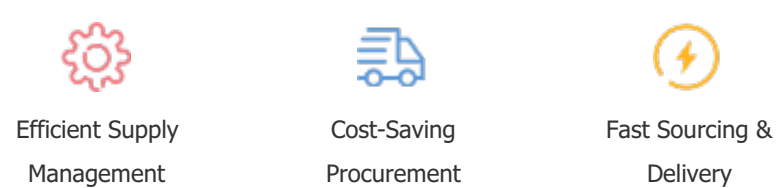
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### 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 -



Contact us if you have any questions.



### Certifications & Memberships



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