

Image may be representation.
See specifications for product details.



STLQ020J25R

Manufacturer Part Number	STLQ020J25R
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STLQ020J25R
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG LIN 2.5V 200MA 4FLIPCHIP
Package	4-UFBGA, FCBGA
Data sheet	STLQ020.pdf STLQ020.pdf
RoHs Status	ROHS3 Compliant

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STLQ020J25R - STMicroelectronics.New Original in Stock. Download Linear Technology STLQ020J25R datasheet/specifications on AllelcoElec.com.
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Specifications

STLQ020J25R Tech Specifications

STLQ020J25R - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	Fixed
Voltage Dropout (Max)	0.16V @ 200mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	2.5V	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-FlipChip (0.77x0.77)	Current - Supply (Max)	150 µA
Series	-	Current - Quiescent (Iq)	1 µA
Protection Features	Over Current, Over Temperature	Current - Output	200mA
Package / Case	4-UFBGA, FCBGA	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	STLQ020
PSRR	52dB ~ 45dB (100Hz ~ 10kHz)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STLQ020J25R

Product Attribute				
Part Number	STLQ020J25R	STLQ020C18R	STLQ50C50R	STLQ50C-R
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package / Case	4-UFBGA, FCBGA	5-TSSOP, SC-70-5, SOT-353	5-TSSOP, SC-70-5, SOT-353	5-TSSOP, SC-70-5, SOT-353
Voltage - Output (Max)	-	-	-	11V
Current - Supply (Max)	150 µA	150 µA	6 µA	6 µA
Output Type	Fixed	Fixed	Fixed	Adjustable
Voltage - Input (Max)	5.5V	5.5V	12V	12V
Current - Output	200mA	200mA	50mA	50mA
Supplier Device Package	4-FlipChip (0.77x0.77)	SOT-323-5	SOT-323-5	SOT-323-5
PSRR	52dB ~ 45dB (100Hz ~ 10kHz)	52dB ~ 45dB (100Hz ~ 10kHz)	30dB (120Hz)	30dB (120Hz)
Base Product Number	STLQ020	STLQ020	STLQ50	STLQ50
Current - Quiescent (Iq)	1 µA	1 µA	5 µA	5 µA
Output Configuration	Positive	Positive	Positive	Positive
Number of Regulators	1	1	1	1
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C	-40°C ~ 125°C
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Control Features	Enable	Enable	-	-
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Voltage Dropout (Max)	0.16V @ 200mA	0.16V @ 200mA	0.7V @ 50mA	0.7V @ 50mA
Voltage - Output (Min/Fixed)	2.5V	1.8V	5V	1.22V
Series	-	-	-	-

STLQ020J25R Datasheet PDF

Download STLQ020J25R pdf datasheets and STMicroelectronics documentation for STLQ020J25R - STMicroelectronics.

Datasheets

STLQ020.pdf

HTML Datasheet

STLQ020.pdf



Test Site Transfer 03/Dec/2021.pdf

Customers Also Interested in

Recommended Products



STLQ020C18R

STMicroelectronics
IC REG LIN 1.8V 200MA SOT323-5



STLQ50C50R

STMicroelectronics
IC REG LINEAR 5V 50MA SOT323-5



STLQ50C-R

STMicroelectronics
IC REG LIN POS ADJ 50MA SOT323-5



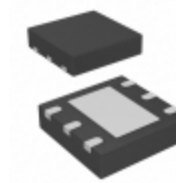
STLQ015XG15R

STMicroelectronics
IC REG LINEAR 1.5V 150MA SOT666



STLQ015M28R

STMicroelectronics
IC REG LINEAR 2.8V 150MA SOT23-5



STLQ020PUR

STMicroelectronics
IC REG LINEAR POS ADJ 200MA 6DFN



STLQ015XG12R

STMicroelectronics
IC REG LINEAR 1.2V 150MA SOT666



STLQ020J18R

STMicroelectronics
IC REG LIN 1.8V 200MA 4FLIPCHIP



STLQ015XG33R

STMicroelectronics
IC REG LINEAR 3.3V 150MA SOT666



STLQ50C25R

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IC REG LINEAR 2.5V 50MA SOT323-5



STLQ50C18R

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IC REG LINEAR 1.8V 50MA SOT323-5



STLS2F01-1

STMicroelectronics



STLQ015XG31R

STMicroelectronics
IC REG LINEAR 3.1V 150MA SOT666



STLQ015M30R

STMicroelectronics
IC REG LINEAR 3V 150MA SOT23-5



STLQ015M33R

STMicroelectronics
IC REG LINEAR 3.3V 150MA SOT23-5



STLQ015XG28R

STMicroelectronics
IC REG LINEAR 2.8V 150MA SOT666



STLQ020J33R

STMicroelectronics
IC REG LIN 3.3V 200MA 4FLIPCHIP



STLQ50C33R

STMicroelectronics
IC REG LINEAR 3.3V 50MA SOT323-5

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

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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