

Image may be representation.
See specifications for product details.



STLQ020J33R

Manufacturer Part Number	STLQ020J33R
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STLQ020J33R
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LIN 3.3V 200MA 4FLIPCHIP
Package	4-UFBGA, FCBGA
Data sheet	STLQ020.pdf
	STLQ020.pdf
RoHs Status	ROHS3 Compliant

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STLQ020J33R - STMicroelectronics.New Original in Stock. Download Linear Technology STLQ020J33R datasheet/specifications on AllelcoElec.com.
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Specifications

STLQ020J33R Tech Specifications

STLQ020J33R - 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)	3.3V	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 STLQ020J33R

Product Attribute				
Part Number	STLQ020J33R	STLQ015XG12R	STLQ50C50R	STLQ015XG28R
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	STLQ020	STLQ015	STLQ50	STLQ015
PSRR	52dB ~ 45dB (100Hz ~ 10kHz)	40dB ~ 15dB (1kHz ~ 100kHz)	30dB (120Hz)	40dB ~ 15dB (1kHz ~ 100kHz)
Voltage - Input (Max)	5.5V	5.5V	12V	5.5V
Output Configuration	Positive	Positive	Positive	Positive
Current - Output	200mA	150mA	50mA	150mA
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Voltage Dropout (Max)	0.16V @ 200mA	-	0.7V @ 50mA	0.3V @ 150mA
Current - Supply (Max)	150 µA	-	6 µA	-
Number of Regulators	1	1	1	1
Package / Case	4-UFBGA, FCBGA	SOT-563, SOT-666	5-TSSOP, SC-70-5, SOT-353	SOT-563, SOT-666
Control Features	Enable	Enable	-	Enable
Voltage - Output (Max)	-	-	-	-
Supplier Device Package	4-FlipChip (0.77x0.77)	SOT-666	SOT-323-5	SOT-666
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Current - Quiescent (Iq)	1 µA	2.4 µA	5 µA	2.4 µA
Series	-	-	-	-
Output Type	Fixed	Fixed	Fixed	Fixed
Voltage - Output (Min/Fixed)	3.3V	1.2V	5V	2.8V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

STLQ020J33R Datasheet PDF

Download STLQ020J33R pdf datasheets and STMicroelectronics documentation for STLQ020J33R - STMicroelectronics.

Datasheets

[STLQ020.pdf](#)

PCN Packaging

[Label 17/Jan/2019.pdf](#)

HTML Datasheet



 STLQ020.pdf

PCN Assembly/Origin

 Test Site Transfer 03/Dec/2021.pdf

Customers Also Interested in

Recommended Products

					
STLQ015XG12R STMicroelectronics IC REG LINEAR 1.2V 150MA SOT666	STLS2F01-1 STMicroelectronics	STLQ50C50R STMicroelectronics IC REG LINEAR 5V 50MA SOT323-5	STLQ015XG28R STMicroelectronics IC REG LINEAR 2.8V 150MA SOT666	STLQ020J18R STMicroelectronics IC REG LIN 1.8V 200MA 4FLIPCHIP	STLQ020C18R STMicroelectronics IC REG LIN 1.8V 200MA SOT323-5
					
STLQ015M33R STMicroelectronics IC REG LINEAR 3.3V 150MA SOT23-5	STLS2F02-1 STMicroelectronics	STLQ50C25R STMicroelectronics IC REG LINEAR 2.5V 50MA SOT323-5	STLQ50C18R STMicroelectronics IC REG LINEAR 1.8V 50MA SOT323-5	STLQ015XG31R STMicroelectronics IC REG LINEAR 3.1V 150MA SOT666	STLQ020PUR STMicroelectronics IC REG LINEAR POS ADJ 200MA 6DFN
					
STLQ015M30R STMicroelectronics IC REG LINEAR 3V 150MA SOT23-5	STLQ50C-R STMicroelectronics IC REG LIN POS ADJ 50MA SOT323-5	STLQ015XG15R STMicroelectronics IC REG LINEAR 1.5V 150MA SOT666	STLQ020J25R STMicroelectronics IC REG LIN 2.5V 200MA 4FLIPCHIP	STLQ015XG33R STMicroelectronics IC REG LINEAR 3.3V 150MA SOT666	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.

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Certifications & Memberships



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