

Image may be representation.
See specifications for product details.



STLQ020PUR

Manufacturer Part Number	STLQ020PUR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STLQ020PUR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG LINEAR POS ADJ 200MA 6DFN
Package	6-VDFDN Exposed Pad
Data sheet	STLQ020.pdf
	STLQ020.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

STLQ020PUR - STMicroelectronics.New Original in Stock. Download Linear Technology STLQ020PUR datasheet/specifications on AllelcoElec.com.
Request a quote for STLQ020PUR, please send us email: info@allelco.com

Specifications

STLQ020PUR Tech Specifications

STLQ020PUR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	Adjustable
Voltage Dropout (Max)	0.2V @ 200mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	0.8V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Output (Max)	4.5V	Number of Regulators	1
Voltage - Input (Max)	5.5V	Mounting Type	Surface Mount
Supplier Device Package	6-DFN (2x2)	Current - Supply (Max)	150 µA
Series	-	Current - Quiescent (Iq)	1 µA
Protection Features	Over Current, Over Temperature	Current - Output	200mA
Package / Case	6-VDFDN Exposed Pad	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	STLQ020
PSRR	60dB ~ 40dB (100Hz ~ 10kHz)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STLQ020PUR

Product Attribute				
Part Number	STLQ020PUR	STLQ015XG33R	STLQ020C18R	STLQ50C33R
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Output Configuration	Positive	Positive	Positive	Positive
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Type	Adjustable	Fixed	Fixed	Fixed
Base Product Number	STLQ020	STLQ015	STLQ020	STLQ50
Supplier Device Package	6-DFN (2x2)	SOT-666	SOT-323-5	SOT-323-5
Control Features	Enable	Enable	Enable	-
Current - Output	200mA	150mA	200mA	50mA
Voltage - Output (Min/Fixed)	0.8V	3.3V	1.8V	3.3V
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C	-40°C ~ 125°C (TJ)	-40°C ~ 125°C
Voltage - Input (Max)	5.5V	5.5V	5.5V	12V
Current - Quiescent (Iq)	1 µA	2.4 µA	1 µA	5 µA
Current - Supply (Max)	150 µA	-	150 µA	6 µA
Series	-	-	-	-
Voltage Dropout (Max)	0.2V @ 200mA	0.3V @ 150mA	0.16V @ 200mA	0.7V @ 50mA
Voltage - Output (Max)	4.5V	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
PSRR	60dB ~ 40dB (100Hz ~ 10kHz)	40dB ~ 15dB (1kHz ~ 100kHz)	52dB ~ 45dB (100Hz ~ 10kHz)	30dB (120Hz)
Number of Regulators	1	1	1	1
Package / Case	6-VDFDN Exposed Pad	SOT-563, SOT-666	5-TSSOP, SC-70-5, SOT-353	5-TSSOP, SC-70-5, SOT-353

STLQ020PUR Datasheet PDF

Download STLQ020PUR pdf datasheets and STMicroelectronics documentation for STLQ020PUR - STMicroelectronics.

Datasheets

STLQ020.pdf



















HTML Datasheet

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 Assembly Site 19/Jan/2023.pdf

Customers Also Interested in

Recommended Products

					
STLQ015XG33R STMicroelectronics IC REG LINEAR 3.3V 150MA SOT666	STLQ020C18R STMicroelectronics IC REG LIN 1.8V 200MA SOT323-5	STLQ50C33R STMicroelectronics IC REG LINEAR 3.3V 50MA SOT323-5	STLQ015XG28R STMicroelectronics IC REG LINEAR 2.8V 150MA SOT666	STLQ50C-R STMicroelectronics IC REG LIN POS ADJ 50MA SOT323-5	STLQ50C18R STMicroelectronics IC REG LINEAR 1.8V 50MA SOT323-5
					
STLQ50C25R STMicroelectronics IC REG LINEAR 2.5V 50MA SOT323-5	STLS2F01-1 STMicroelectronics	STLQ015M33R STMicroelectronics IC REG LINEAR 3.3V 150MA SOT323-5	STLQ015XG31R STMicroelectronics IC REG LINEAR 3.1V 150MA SOT666	STLQ015XG12R STMicroelectronics IC REG LINEAR 1.2V 150MA SOT666	STLQ020J33R STMicroelectronics IC REG LIN 3.3V 200MA 4FLIPCHIP
					
STLS2F02-1 STMicroelectronics	STLQ50C50R STMicroelectronics IC REG LINEAR 5V 50MA SOT323-5	STLS2F02/04-LP STMicroelectronics	STLQ015XG15R STMicroelectronics IC REG LINEAR 1.5V 150MA SOT666	STLQ020J18R STMicroelectronics IC REG LIN 1.8V 200MA 4FLIPCHIP	STLQ020J25R STMicroelectronics IC REG LIN 2.5V 200MA 4FLIPCHIP

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
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Contact us if you have any questions.

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Certifications & Memberships



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Contact us

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