STLQ50C25R

Manufacturer Part Number	STLQ50C25R
Manufacturer	STMicroelectronics
Allelco Part Number	32D-STLQ50C25R
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG LINEAR 2.5V 50MA SOT323-5
Package	5-TSSOP, SC-70-5, SOT-353
Data sheet	STLQ50xx.pdf
RoHs Status	ROHS3 Compliant

Image may be representation.
See specifications for product details.

Get a Quote

STLQ50C25R - STMicroelectronics.New Original in Stock. Download Linear Technology STLQ50C25R datasheet/specifications on AllelcoElec.com.
Request a quote for STLQ50C25R, please send us email: info@allelco.com

Specifications

STLQ50C25R Tech Specifications
STLQ50C25R - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	Fixed
Voltage Dropout (Max)	0.7V @ 50mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	2.5V	Operating Temperature	-40°C ~ 125°C
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	12V	Mounting Type	Surface Mount
Supplier Device Package	SOT-323-5	Current - Supply (Max)	6 μA
Series	-	Current - Quiescent (Iq)	5 μA
Protection Features	Over Current, Over Temperature	Current - Output	50mA
Package / Case	5-TSSOP, SC-70-5, SOT-353	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	STLQ50
PSRR	30dB (120Hz)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics STLQ50C25R

Product Attribute				
Part Number	STLQ50C25R	STLQ50C18R	STLQ020C18R	STLQ015XG33R
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Output (Min/Fixed)	2.5V	1.8V	1.8V	3.3V
Output Type	Fixed	Fixed	Fixed	Fixed
Control Features	-	-	Enable	Enable
Base Product Number	STLQ50	STLQ50	STLQ020	STLQ015
Voltage - Input (Max)	12V	12V	5.5V	5.5V
PSRR	30dB (120Hz)	30dB (120Hz)	52dB ~ 45dB (100Hz ~ 10kHz)	40dB ~ 15dB (1kHz ~ 100kHz)
Current - Output	50mA	50mA	200mA	150mA
Current - Supply (Max)	6 μA	6 μA	150 μA	-
Current - Quiescent (Iq)	5 μA	5 μA	1 μA	2.4 μA
Output Configuration	Positive	Positive	Positive	Positive
Series	-	-	-	-
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C (TJ)	-40°C ~ 125°C
Voltage - Output (Max)	-	-	-	-
Supplier Device Package	SOT-323-5	SOT-323-5	SOT-323-5	SOT-666
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Number of Regulators	1	1	1	1
Voltage Dropout (Max)	0.7V @ 50mA	0.7V @ 50mA	0.16V @ 200mA	0.3V @ 150mA
Package / Case	5-TSSOP, SC-70-5, SOT-353	5-TSSOP, SC-70-5, SOT-353	5-TSSOP, SC-70-5, SOT-353	SOT-563, SOT-666

STLQ50C25R Datasheet PDF

Download STLQ50C25R pdf datasheets and STMicroelectronics documentation for STLQ50C25R - STMicroelectronics.

PCN Packaging

📄 Moisture Barrier Bag 09/May/2016.pdf
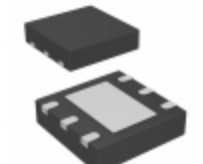
PCN Assembly/Origin

📄 Stamped Lead Frames Source 20/Mar/2014.pdf

HTML Datasheet

📄 STLQ50xx.pdf

◾ Customers Also Interested in

Recommended Products

STLQ50C18R	**STLQ020C18R**	**STLQ015XG33R**	**STLT19**	**STLQ020J33R**	**STLQ020J18R**
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
IC REG LINEAR 1.8V 50MA SOT323-5	IC REG LIN 1.8V 200MA SOT323-5	IC REG LINEAR 3.3V 150MA SOT666		IC REG LIN 3.3V 200MA 4FLIPCHIP	IC REG LIN 1.8V 200MA 4FLIPCHIP

STLQ50C50R	**STLQ015XG28R**	**STLQ50C-R**	**STLQ020PUR**	**STLS2E02**	**STLS2F02/04-LP**
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
IC REG LINEAR 5V 50MA SOT323-5	IC REG LINEAR 2.8V 150MA SOT666	IC REG LIN POS ADJ 50MA SOT323-5	IC REG LINEAR POS ADJ 200MA 6DFN		

STLS2F02-1	**STLQ50C33R**	**STLUX285A**	**STLQ020J25R**	**STLQ015XG31R**	**STLS2F01-1**
STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
	IC REG LINEAR 3.3V 50MA SOT323-5	IC DIGITAL CTLR PWM 28TSSOP	IC REG LIN 2.5V 200MA 4FLIPCHIP	IC REG LINEAR 3.1V 150MA SOT666	

◾ 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.

EAST WEST BANK
MasterCard
VISA
WESTERN UNION
PayPal

Your Faithful Supply Chain Partner -

Efficient Supply Management

Cost-Saving Procurement

Fast Sourcing & Delivery

Contact us if you have any questions.

📞 Phone
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✉ Email
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Certifications & Memberships

ISO ISO 13485:2016 MEDICAL DEVICES QUALITY MANAGEMENT
ISO 9001:2015 CERTIFIED COMPANY
ISO 14001:2015 CERTIFIED COMPANY
ISO 28000:2007 Supply Chain Security Management
IPC Member
SMTA Surface Mount Technology Association

View More

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