

Image may be representation.
See specifications for product details.



LD29150PT50R

Manufacturer Part Number	LD29150PT50R
Manufacturer	STMicroelectronics
Allelco Part Number	32D-LD29150PT50R
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG LINEAR 5V 1.5A PPAK
Package	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Data sheet	LD29150 xx.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

LD29150PT50R - STMicroelectronics.New Original in Stock. Download Linear Technology LD29150PT50R datasheet/specifications on AllelcoElec.com.
Request a quote for LD29150PT50R, please send us email: info@allelco.com

Specifications

LD29150PT50R Tech Specifications

LD29150PT50R - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	Fixed
Voltage Dropout (Max)	0.7V @ 1.5A	Output Configuration	Positive
Voltage - Output (Min/Fixed)	5V	Operating Temperature	-40°C ~ 125°C
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	14V	Mounting Type	Surface Mount
Supplier Device Package	PPAK	Current - Supply (Max)	80 mA
Series	-	Current - Quiescent (Iq)	180 µA
Protection Features	Over Current, Over Temperature	Current - Output	1.5A
Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	LD29150
PSRR	64dB (120Hz)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics LD29150PT50R

Product Attribute				
Part Number	LD29150PT50R	LD29300P2M33R	LD29150PTR	LD29150PT
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage Dropout (Max)	0.7V @ 1.5A	0.7V @ 3A	0.7V @ 1.5A	0.7V @ 1.5A
Base Product Number	LD29150	LD29300	LD29150	LD29150
Voltage - Input (Max)	14V	14V	14V	14V
Series	-	-	-	-
Control Features	Enable	-	Enable	Enable
Voltage - Output (Max)	-	-	13.3V	13.3V
Output Type	Fixed	Fixed	Adjustable	Adjustable
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD	TO-263-6, D ² Pak (5 Leads + Tab), TO-263BA	TO-252-5, DPak (4 Leads + Tab), TO-252AD	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Configuration	Positive	Positive	Positive	Positive
Number of Regulators	1	1	1	1
Current - Quiescent (Iq)	180 µA	50 mA	180 µA	180 µA
Voltage - Output (Min/Fixed)	5V	3.3V	1.23V	1.23V
Current - Output	1.5A	3A	1.5A	1.5A
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Supplier Device Package	PPAK	P2PAK-4	PPAK	PPAK
Current - Supply (Max)	80 mA	100 mA	80 mA	80 mA
PSRR	64dB (120Hz)	67dB (120Hz)	75dB (120Hz)	75dB (120Hz)

LD29150PT50R Datasheet PDF

Download LD29150PT50R pdf datasheets and STMicroelectronics documentation for LD29150PT50R - STMicroelectronics.

PCN Packaging

Mult Dev Inner Box Chg 9/Dec/2021.pdf

HTML Datasheet

LD29150 xx.pdf

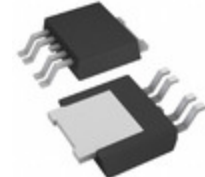
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Customers Also Interested in

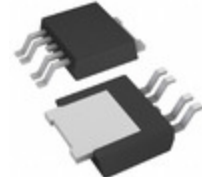
Recommended Products



LD29300P2M33R
STMicroelectronics
IC REG LINEAR 3.3V 3A P2PAK-4



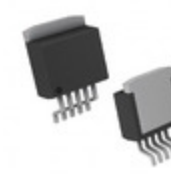
LD29150PTR
STMicroelectronics
IC REG LINEAR POS ADJ 1.5A PPAK



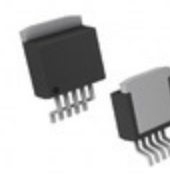
LD29150PT
STMicroelectronics
IC REG LINEAR POS ADJ 1.5A PPAK



LD29150DT50R MOS
LD29150DT50R



LD29300P2MTR
STMicroelectronics
IC REG LINEAR POS ADJ 3A P2PAK-4



LD29300P2M18R
STMicroelectronics
IC REG LINEAR 1.8V 3A P2PAK-4



LD29150V50
STMicroelectronics



LD29300D2M15
STMicroelectronics



LD29150PT25R
STMicroelectronics
IC REG LINEAR 2.5V 1.5A PPAK



LD29150PT18R
STMicroelectronics
IC REG LINEAR 1.8V 1.5A PPAK



LD29300D2M18R
STMicroelectronics
IC REG LINEAR 1.8V 3A D2PAK/A



LD29150DT80R
STMicroelectronics
IC REG LINEAR 8V 1.5A DPAK



LD29300D2T33R
STMicroelectronics
IC REG LINEAR 3.3V 3A D2PAK



LD29150PT33R
STMicroelectronics
IC REG LINEAR 3.3V 1.5A PPAK



LD29150V33
STMicroelectronics



LD29150P2T33R
STMicroelectronics
IC REG LINEAR 3.3V 1.5A P2PAK



LD29150PT15R
STMicroelectronics
IC REG LINEAR 1.5V 1.5A PPAK



LD29150PT50R MOS
STMicroelectronics

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
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Certifications & Memberships



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