

Image may be representation.
See specifications for product details.



LD39150PT-R

Manufacturer Part Number	LD39150PT-R
Manufacturer	STMicroelectronics
Allelco Part Number	32D-LD39150PT-R
ECAD Model	PCB Footprint and Symbol
Parts Description	IC REG LINEAR POS ADJ 1.5A PPAK
Package	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Data sheet	LD39150xx.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

LD39150PT-R - STMicroelectronics. New Original in Stock. Download Linear Technology LD39150PT-R datasheet/specifications on AllelcoElec.com.
Request a quote for LD39150PT-R, please send us email: info@allelco.com

Specifications

LD39150PT-R Tech Specifications
LD39150PT-R - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	PSRR	65dB ~ 55dB (120Hz ~ 1kHz)
Voltage Dropout (Max)	0.4V @ 1.5A	Output Type	Adjustable
Voltage - Output (Min/Fixed)	1.22V	Output Configuration	Positive
Voltage - Output (Max)	5V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	6V	Number of Regulators	1
Supplier Device Package	PPAK	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	2.5 mA
Protection Features	Over Current, Over Temperature	Current - Output	1.5A
Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	LD39150

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics LD39150PT-R

Product Attribute				
Part Number	LD39150PT-R	LD39200PU33R	LD39300PT33-R	LD39200PUR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Series	-	-	-	-
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature	Over Current, Over Temperature, Reverse Polarity
Number of Regulators	1	1	1	1
Control Features	-	Enable, Power Good	Enable	Enable, Power Good
Voltage - Output (Min/Fixed)	1.22V	3.3V	3.3V	0.5V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	6V	6V	6V	6V
Base Product Number	LD39150	LD39200	LD39300	LD39200
Voltage Dropout (Max)	0.4V @ 1.5A	0.25V @ 2A	0.4V @ 3A	0.25V @ 2A
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	PPAK	6-DFN (3x3)	PPAK	6-DFN (3x3)
Output Type	Adjustable	Fixed	Fixed	Adjustable
PSRR	65dB ~ 55dB (120Hz ~ 1kHz)	70dB ~ 40dB (1kHz ~ 1MHz)	65dB ~ 55dB (120Hz ~ 1kHz)	70dB ~ 40dB (1kHz ~ 1MHz)
Voltage - Output (Max)	5V	-	-	5.75V
Current - Quiescent (Iq)	2.5 mA	300 µA	5 µA	300 µA
Output Configuration	Positive	Positive	Positive	Positive
Current - Output	1.5A	2A	3A	2A
Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD	6-VDFN Exposed Pad	TO-252-5, DPak (4 Leads + Tab), TO-252AD	6-VDFN Exposed Pad

LD39150PT-R Datasheet PDF

Download LD39150PT-R pdf datasheets and STMicroelectronics documentation for LD39150PT-R - STMicroelectronics.

PCN Packaging

[Box Label Chg 28/Jul/2016.pdf](#)

[Mult Dev Inner Box Chg 9/Dec/2021.pdf](#)

PCN Assembly/Origin

[Mult Devices 02/Mar/2018.pdf](#)

HTML Datasheet

Customers Also Interested in

Recommended Products



LD39200PU33R
STMicroelectronics
IC REG LINEAR 3.3V 2A 6DFN



LD39300PT33-R
STMicroelectronics
IC REG LINEAR 3.3V 3A PPAK



LD39200PUR
STMicroelectronics
IC REG LINEAR POS ADJ 2A 6DFN



LD39300DT18-R
STMicroelectronics
IC REG LINEAR 1.8V 3A DPAK



LD39130SJ30R/F
STMicroelectronics
IC REG LINEAR 3V 300MA 4FLIPCHIP



LD39150PU-R
STMicroelectronics
IC REG LINEAR POS ADJ 1.5A 6DFN



LD39150PU33R
STMicroelectronics
IC REG LINEAR 3.3V 1.5A 6DFN



LD39130SJ25R
STMicroelectronics
IC REG LIN 2.5V 300MA 4FLIPCHIP



LD39150GRS-ADJ
HTC



LD39150DT33-R
STMicroelectronics
IC REG LINEAR 3.3V 1.5A DPAK



LD39130SJ33R
STMicroelectronics
IC REG LIN 3.3V 300MA 4FLIPCHIP



LD39150DT25-R
STMicroelectronics
IC REG LINEAR 2.5V 1.5A DPAK



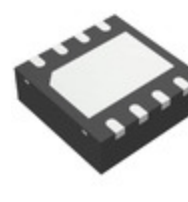
LD39300DT12-R
STMicroelectronics
IC REG LINEAR 1.22V 3A DPAK



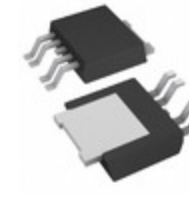
LD39300PT18-R
STMicroelectronics
IC REG LINEAR 1.8V 3A PPAK



LD39130SJ30R
STMicroelectronics
IC REG LINEAR 3V 300MA 4FLIPCHIP



LD39200DPUR
STMicroelectronics
IC REG LINEAR POS ADJ 2A 8DFN



LD39300PT-R
STMicroelectronics
IC REG LINEAR POS ADJ 3A PPAK



LD39130SJ19R/AP
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
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- Email
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Certifications & Memberships



View More

Contact us

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