



Image may be representation.  
See specifications for product details.



## LD1117DT50TR

Manufacturer Part Number	<b>LD1117DT50TR</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-LD1117DT50TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 5V 800MA DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	<b>LD1117xx.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

LD1117DT50TR - STMicroelectronics.New Original in Stock. Download Linear Technology LD1117DT50TR datasheet/specifications on AllelcoElec.com.  
Request a quote for LD1117DT50TR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

LD1117DT50TR Tech Specifications

LD1117DT50TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	PSRR	75dB (120Hz)
Voltage Dropout (Max)	1.2V @ 800mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	5V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	0°C ~ 125°C
Voltage - Input (Max)	15V	Number of Regulators	1
Supplier Device Package	DPAK	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	10 mA
Protection Features	Over Current, Over Temperature	Current - Output	800mA
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	LD1117

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics LD1117DT50TR

Product Attribute				
Part Number	LD1117DT50TR	<b>LD1117DT33</b>	<b>LD1117DT28TR</b>	<b>LD1117DT33TR</b>
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Base Product Number	LD1117	LD1117	LD1117	LD1117
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63
Voltage - Output (Max)	-	-	-	-
Control Features	-	-	-	-
PSRR	75dB (120Hz)	75dB (120Hz)	75dB (120Hz)	75dB (120Hz)
Supplier Device Package	DPAK	DPAK	DPAK	DPAK
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Configuration	Positive	Positive	Positive	Positive
Current - Output	800mA	800mA	800mA	800mA
Voltage - Input (Max)	15V	15V	15V	15V
Voltage Dropout (Max)	1.2V @ 800mA	1.2V @ 800mA	1.2V @ 800mA	1.2V @ 800mA
Operating Temperature	0°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C
Series	-	-	-	-
Current - Quiescent (Iq)	10 mA	10 mA	10 mA	10 mA
Output Type	Fixed	Fixed	Fixed	Fixed
Number of Regulators	1	1	1	1
Voltage - Output (Min/Fixed)	5V	3.3V	2.85V	3.3V

### LD1117DT50TR Datasheet PDF

Download LD1117DT50TR pdf datasheets and STMicroelectronics documentation for LD1117DT50TR - STMicroelectronics.

#### PCN Packaging

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

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

#### HTML Datasheet



















[LD1117xx.pdf](#)

#### PCN Assembly/Origin

PCN Design/Specification

Customers Also Interested in

Recommended Products

 <b>LD1117DT33C</b> STMicroelectronics	 <b>LD1117DT50TCR</b> STMicroelectronics	 <b>LD1117DT33</b> STMicroelectronics IC REG LINEAR 3.3V 800MA DPAK	 <b>LD1117DTCTR</b> STMicroelectronics	 <b>LD1117DT33TR MOS</b> STMicroelectronics	 <b>LD1117DT28TR</b> STMicroelectronics IC REG LINEAR 2.85V 800MA DPAK
 <b>LD1117DT33TR</b> STMicroelectronics IC REG LINEAR 3.3V 800MA DPAK	 <b>LD1117DT35CTR</b> STMicroelectronics	 <b>LD1117DT50CTR</b> STMicroelectronics IC REG LINEAR 5V 800MA DPAK	 <b>LD1117DTR</b> STMicroelectronics IC REG LIN POS ADJ 800MA 8SOIC	 <b>LD1117DT50TR MOS</b> STMicroelectronics	 <b>LD1117DT33LTR</b> STMicroelectronics
 <b>LD1117DTC-R MOS</b> STMicroelectronics	 <b>LD1117DTTR</b> STMicroelectronics IC REG LINEAR POS ADJ 800MA DPAK	 <b>LD1117DTTR-E</b> STMicroelectronics	 <b>LD1117DT33CTR</b> STMicroelectronics IC REG LINEAR 3.3V 800MA DPAK	 <b>LD1117G-AD-AA3-A-R</b> UTC	 <b>LD1117DTC-R</b> STMicroelectronics IC REG LINEAR POS ADJ 800MA DPAK

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



View More

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