

Image may be representation.
See specifications for product details.



LD1117AS12TR

Manufacturer Part Number	LD1117AS12TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-LD1117AS12TR
ECAD Model	PCB Footprint and Symbol
Parts Description	IC REG LINEAR 1.2V 1A SOT223
Package	TO-261-4, TO-261AA
Data sheet	LD1117Axx.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

LD1117AS12TR - STMicroelectronics.New Original in Stock. Download Linear Technology LD1117AS12TR datasheet/specifications on AllelcoElec.com.
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Specifications

LD1117AS12TR Tech Specifications

LD1117AS12TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	PSRR	80dB (120Hz)
Voltage Dropout (Max)	1.3V @ 1A	Output Type	Fixed
Voltage - Output (Min/Fixed)	1.2V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	0°C ~ 125°C
Voltage - Input (Max)	15V	Number of Regulators	1
Supplier Device Package	SOT-223	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	10 mA
Protection Features	Over Current, Over Temperature	Current - Output	1A
Package / Case	TO-261-4, TO-261AA	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 LD1117AS12TR

Product Attribute				
Part Number	LD1117AS12TR	LD1117AV33	LD1117AS25TR	LD1117AS33TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Base Product Number	LD1117	LD1117	LD1117	LD1117
Voltage - Input (Max)	15V	15V	15V	15V
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Operating Temperature	0°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C
PSRR	80dB (120Hz)	75dB (120Hz)	80dB (120Hz)	75dB (120Hz)
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Output Configuration	Positive	Positive	Positive	Positive
Supplier Device Package	SOT-223	TO-220	SOT-223	SOT-223
Voltage - Output (Max)	-	-	-	-
Control Features	-	-	-	-
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Voltage - Output (Min/Fixed)	1.2V	3.3V	2.5V	3.3V
Current - Quiescent (Iq)	10 mA	10 mA	10 mA	10 mA
Number of Regulators	1	1	1	1
Current - Output	1A	1A	1A	1A
Series	-	-	-	-
Voltage Dropout (Max)	1.3V @ 1A	1.3V @ 1A	1.3V @ 1A	1.3V @ 1A
Package / Case	TO-261-4, TO-261AA	TO-220-3	TO-261-4, TO-261AA	TO-261-4, TO-261AA
Output Type	Fixed	Fixed	Fixed	Fixed

LD1117AS12TR Datasheet PDF

Download LD1117AS12TR pdf datasheets and STMicroelectronics documentation for LD1117AS12TR - STMicroelectronics.

PCN Packaging

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

[Mult Dev Carrier Tape Chg 2/Oct/2020.pdf](#)

PCN Assembly/Origin

[New lead-frame 22/Sep/2021.pdf](#)

HTML Datasheet

Customers Also Interested in

Recommended Products

 LD1117AV33 STMicroelectronics IC REG LINEAR 3.3V 1A TO220AB	 LD1117AL-ADJ-AA3-A-R UTC	 LD1117AL33ATG LD	 LD1117AL33 UTC	 LD1117AL-ADJ-A UTC	 LD1117AL-ADJ-AA3-AR GS
 LD1117AS25TR STMicroelectronics IC REG LINEAR 2.5V 1A SOT223	 LD1117AS12 STMicroelectronics	 LD1117AS33TR STMicroelectronics IC REG LINEAR 3.3V 1A SOT223	 LD1117AV18 STMicroelectronics IC REG LINEAR 1.8V 1A TO220AB	 LD1117AL25 UTC	 LD1117AL-ADJ-TN3-A-R UTC
 LD1117AV STMicroelectronics IC REG LINEAR POS ADJ 1A TO220	 LD1117AV50 STMicroelectronics	 LD1117ASTR STMicroelectronics IC REG LINEAR POS ADJ 1A SOT223	 LD1117AS18TR STMicroelectronics IC REG LINEAR 1.8V 1A SOT223	 LD1117AL-ADJ-AA3 UTC	 LD1117AS50TR MO&U/ST

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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