



Image may be representation.
See specifications for product details.



L7824ACV

Manufacturer Part Number	L7824ACV
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L7824ACV
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG LINEAR 24V 1.5A TO220AB
Package	TO-220-3
Data sheet	L78.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

L7824ACV - STMicroelectronics. New Original in Stock. Download Linear Technology L7824ACV datasheet/specifications on AllelcoElec.com.
Request a quote for L7824ACV, please send us email: info@allelco.com

Specifications

L7824ACV Tech Specifications

L7824ACV - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	PSRR	54dB (120Hz)
Voltage Dropout (Max)	2V @ 1A (Typ)	Output Type	Fixed
Voltage - Output (Min/Fixed)	24V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	0°C ~ 125°C
Voltage - Input (Max)	40V	Number of Regulators	1
Supplier Device Package	TO-220	Mounting Type	Through Hole
Series	-	Current - Quiescent (Iq)	6 mA
Protection Features	Over Temperature, Short Circuit	Current - Output	1.5A
Package / Case	TO-220-3	Control Features	-
Package	Tube	Base Product Number	L7824

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L7824ACV

Product Attribute				
Part Number	L7824ACV	L7824CD2T-TR	L7824ABD2T-TR	L7824ABV-DG
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Operating Temperature	0°C ~ 125°C	0°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
PSRR	54dB (120Hz)	50dB (120Hz)	54dB (120Hz)	54dB (120Hz)
Series	-	-	-	-
Control Features	-	-	-	-
Output Configuration	Positive	Positive	Positive	Positive
Supplier Device Package	TO-220	D2PAK	D2PAK	TO-220
Output Type	Fixed	Fixed	Fixed	Fixed
Voltage Dropout (Max)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)
Number of Regulators	1	1	1	1
Current - Quiescent (Iq)	6 mA	8 mA	6 mA	6 mA
Package / Case	TO-220-3	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-220-3
Mounting Type	Through Hole	Surface Mount	Surface Mount	Through Hole
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Current - Output	1.5A	1.5A	1.5A	1.5A
Base Product Number	L7824	L7824	L7824	L7824
Voltage - Input (Max)	40V	40V	40V	40V
Protection Features	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit
Voltage - Output (Min/Fixed)	24V	24V	24V	24V
Voltage - Output (Max)	-	-	-	-

L7824ACV Datasheet PDF

Download L7824ACV pdf datasheets and STMicroelectronics documentation for L7824ACV - STMicroelectronics.

HTML Datasheet

[L78.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products



L7824ABV1Z
STMicroelectronics



L7820CV/KIA7820AP-U
KEC



L7824CD2T-TR
STMicroelectronics
IC REG LINEAR 24V 1.5A D2PAK



L7824CDT-TR
STMicroelectronics



L7824ABD2T-TR
STMicroelectronics
IC REG LINEAR 24V 1.5A D2PAK



L7824ABV-DG
STMicroelectronics
IC REG LINEAR 24V 1.5A TO220



L7818CV
STMicroelectronics
IC REG LINEAR 18V 1.5A TO220AB



L7818CV-DG
STMicroelectronics
IC REG LINEAR 18V 1.5A TO220



L7824CT
STMicroelectronics
IC REG LINEAR 24V 1.5A TO3



L7824CV-DG
STMicroelectronics
IC REG LINEAR 24V 1.5A TO220



L7820CD2T
STMicroelectronics



L7824CV
STMicroelectronics
IC REG LINEAR 24V 1.5A TO220AB



L7818CD2T
STMicroelectronics



L7824CP
STMicroelectronics
IC REG LINEAR 24V 1.5A TO220FP



L7824T
STMicroelectronics



L7820CV
STMicroelectronics
IC REG LINEAR 20V 1.5A TO220AB



L7838CV
STMicroelectronics



L7824ABV
STMicroelectronics
IC REG LINEAR 24V 1.5A TO220AB

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.



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Email
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Certifications & Memberships



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