

Image may be representation.
See specifications for product details.



L7824CV

Manufacturer Part Number	L7824CV
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L7824CV
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 24V 1.5A TO220AB
Package	TO-220-3
Data sheet	L78.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

L7824CV - STMicroelectronics. New Original in Stock. Download Linear Technology L7824CV datasheet/specifications on AllelcoElec.com.
Request a quote for L7824CV, please send us email: info@allelco.com

Specifications

L7824CV Tech Specifications

L7824CV - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	PSRR	50dB (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)	8 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 L7824CV

Product Attribute				
Part Number	L7824CV	L7824ABV-DG	L7824ABV	L7824CT
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tube	Tube	Tube	Bulk
Voltage Dropout (Max)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)
Control Features	-	-	-	-
Package / Case	TO-220-3	TO-220-3	TO-220-3	TO-204AA, TO-3
Supplier Device Package	TO-220	TO-220	TO-220	TO-3
Output Type	Fixed	Fixed	Fixed	Fixed
PSRR	50dB (120Hz)	54dB (120Hz)	54dB (120Hz)	50dB (120Hz)
Protection Features	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit
Operating Temperature	0°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	0°C ~ 125°C
Number of Regulators	1	1	1	1
Base Product Number	L7824	L7824	L7824	L7824
Voltage - Output (Min/Fixed)	24V	24V	24V	24V
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Current - Quiescent (Iq)	8 mA	6 mA	6 mA	8 mA
Series	-	-	-	-
Current - Output	1.5A	1.5A	1.5A	1.5A
Voltage - Output (Max)	-	-	-	-
Voltage - Input (Max)	40V	40V	40V	40V
Output Configuration	Positive	Positive	Positive	Positive

L7824CV Datasheet PDF

Download L7824CV pdf datasheets and STMicroelectronics documentation for L7824CV - STMicroelectronics.

PCN Packaging

Box Label Chg 28/Jul/2016.pdf

HTML Datasheet



















L78.pdf

PCN Design/Specification

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

 L7824ABV-DG STMicroelectronics IC REG LINEAR 24V 1.5A TO220	 L7824CDT-TR STMicroelectronics	 L7820CV/KIA7820AP-U KEC	 L7824T STMicroelectronics	 L7824ABV STMicroelectronics IC REG LINEAR 24V 1.5A TO220AB	 L78L05/TR HGSEMI
 L7824CT STMicroelectronics IC REG LINEAR 24V 1.5A TO3	 L7852CV STMicroelectronics	 L7824CV-DG STMicroelectronics IC REG LINEAR 24V 1.5A TO220	 L7885CV STMicroelectronics IC REG LINEAR 8.5V 1.5A TO220AB	 L78L05A UMW SOP8 LINEAR VOLTAGE REGULATORS ( L7838CV STMicroelectronics
 L78L05 HGF	 L7824CP STMicroelectronics IC REG LINEAR 24V 1.5A TO220FP	 L7824CD2T-TR STMicroelectronics IC REG LINEAR 24V 1.5A D2PAK	 L7824ABD2T-TR STMicroelectronics IC REG LINEAR 24V 1.5A D2PAK	 L7824ACV STMicroelectronics IC REG LINEAR 24V 1.5A TO220AB	 L7824ABV1Z 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 info@allelco.com
--	--

Certifications & Memberships



View More

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com