



Image may be representation.
See specifications for product details.



L7824CT

Manufacturer Part Number	L7824CT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L7824CT
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR 24V 1.5A TO3
Package	TO-204AA, TO-3
Data sheet	L78.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

L7824CT - STMicroelectronics.New Original in Stock. Download Linear Technology L7824CT datasheet/specifications on AllelcoElec.com.
Request a quote for L7824CT, please send us email: info@allelco.com

Specifications

L7824CT Tech Specifications
L7824CT - 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-3	Mounting Type	Through Hole
Series	-	Current - Quiescent (Iq)	8 mA
Protection Features	Over Temperature, Short Circuit	Current - Output	1.5A
Package / Case	TO-204AA, TO-3	Control Features	-
Package	Bulk	Base Product Number	L7824

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L7824CT

Product Attribute				
Part Number	L7824CT	L7824CV-DG	L7824CP	L7824ACV
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Current - Output	1.5A	1.5A	1.5A	1.5A
Current - Quiescent (Iq)	8 mA	8 mA	8 mA	6 mA
Output Configuration	Positive	Positive	Positive	Positive
Voltage - Input (Max)	40V	40V	40V	40V
Base Product Number	L7824	L7824	L7824	L7824
Voltage - Output (Max)	-	-	-	-
Series	-	-	-	-
Package	Bulk	Tube	Tube	Tube
Operating Temperature	0°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C
Control Features	-	-	-	-
Voltage - Output (Min/Fixed)	24V	24V	24V	24V
Package / Case	TO-204AA, TO-3	TO-220-3	TO-220-3 Full Pack	TO-220-3
PSRR	50dB (120Hz)	50dB (120Hz)	50dB (120Hz)	54dB (120Hz)
Number of Regulators	1	1	1	1
Protection Features	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit
Output Type	Fixed	Fixed	Fixed	Fixed
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Voltage Dropout (Max)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)
Supplier Device Package	TO-3	TO-220	TO-220FP	TO-220

L7824CT Datasheet PDF

Download L7824CT pdf datasheets and STMicroelectronics documentation for L7824CT - STMicroelectronics.

HTML Datasheet


















L78.pdf

PCN Obsolescence/ EOL

Metal Package Devices 17/Jun/2013.pdf

Customers Also Interested in

Recommended Products

					
L7824CV-DG STMicroelectronics IC REG LINEAR 24V 1.5A TO220	L7824CP STMicroelectronics IC REG LINEAR 24V 1.5A TO220FP	L7824ACV STMicroelectronics IC REG LINEAR 24V 1.5A TO220AB	L7820CV STMicroelectronics IC REG LINEAR 20V 1.5A TO220AB	L7824ABV STMicroelectronics IC REG LINEAR 24V 1.5A TO220AB	L7824CDT-TR STMicroelectronics
					
L7820CV/KIA7820AP-U KEC	L7824CV STMicroelectronics IC REG LINEAR 24V 1.5A TO220AB	L7852CV STMicroelectronics	L7824ABV-DG STMicroelectronics IC REG LINEAR 24V 1.5A TO220	L7824T STMicroelectronics	L7885CV STMicroelectronics IC REG LINEAR 8.5V 1.5A TO220AB
					
L7824CD2T-TR STMicroelectronics IC REG LINEAR 24V 1.5A D2PAK	L7824ABV1Z STMicroelectronics	L7824ABD2T-TR STMicroelectronics IC REG LINEAR 24V 1.5A D2PAK	L78L05/TR HGSEMI	L78L05 HGF	L7838CV 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.



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