

Image may be representation.
See specifications for product details.



L7812CP

Manufacturer Part Number	L7812CP
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L7812CP
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 12V 1.5A TO220FP
Package	TO-220-3 Full Pack
Data sheet	L78.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

L7812CP - STMicroelectronics.New Original in Stock. Download Linear Technology L7812CP datasheet/specifications on AllelcoElec.com.
Request a quote for L7812CP, please send us email: info@allelco.com

Specifications

L7812CP Tech Specifications

L7812CP - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	PSRR	55dB (120Hz)
Voltage Dropout (Max)	2V @ 1A (Typ)	Output Type	Fixed
Voltage - Output (Min/Fixed)	12V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	0°C ~ 125°C
Voltage - Input (Max)	35V	Number of Regulators	1
Supplier Device Package	TO-220FP	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 Full Pack	Control Features	-
Package	Tube	Base Product Number	L7812

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L7812CP

Product Attribute				
Part Number	L7812CP	L7815ABD2T-TR	L7815ABP	L7812ACV
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage - Output (Min/Fixed)	12V	15V	15V	12V
Base Product Number	L7812	L7815	L7815	L7812
Output Type	Fixed	Fixed	Fixed	Fixed
Output Configuration	Positive	Positive	Positive	Positive
PSRR	55dB (120Hz)	58dB (120Hz)	58dB (120Hz)	60dB (120Hz)
Package / Case	TO-220-3 Full Pack	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-220-3 Full Pack	TO-220-3
Voltage - Input (Max)	35V	35V	35V	35V
Control Features	-	-	-	-
Operating Temperature	0°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	0°C ~ 125°C
Package	Tube	Tape & Reel (TR)	Tube	Tube
Supplier Device Package	TO-220FP	D2PAK	TO-220FP	TO-220
Number of Regulators	1	1	1	1
Current - Output	1.5A	1.5A	1.5A	1.5A
Protection Features	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit
Current - Quiescent (Iq)	8 mA	6 mA	6 mA	6 mA
Voltage - Output (Max)	-	-	-	-
Voltage Dropout (Max)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)
Series	-	-	-	-
Mounting Type	Through Hole	Surface Mount	Through Hole	Through Hole

L7812CP Datasheet PDF

Download L7812CP pdf datasheets and STMicroelectronics documentation for L7812CP - STMicroelectronics.

HTML Datasheet



Customers Also Interested in

Recommended Products



L7812CD2T SOT
STMicroelectronics



L7812C2T
STMicroelectronics



L7812CV/AT
STMicroelectronics

L7815ABD2T-TR
STMicroelectronics
IC REG LINEAR 15V 1.5A D2PAK

L7815ABP
STMicroelectronics
IC REG LINEAR 15V 1.5A TO220FP

L7812ACV
STMicroelectronics
IC REG LINEAR 12V 1.5A TO220AB



L7812CD2T-TR MOS
STMicroelectronics



L7812CDT-TR
STMicroelectronics



L7812C-V
STMicroelectronics



L7812CV
STMicroelectronics
IC REG LINEAR 12V 1.5A TO220AB

L7812CT
STMicroelectronics
IC REG LINEAR 12V 1.5A TO3

L7812CD2T
STMicroelectronics
IC REG LINEAR 12V 1.5A D2PAK



L7812CV-DG
STMicroelectronics
IC REG LINEAR 12V 1.5A TO220



L7812CD2T MOS
STMicroelectronics



L7812CV
UMW
1.2A FIXED 12V~12V POSITIVE 1 35



L7815ABV
STMicroelectronics
IC REG LINEAR 15V 1.5A TO220AB



L7812ACV-DG
STMicroelectronics
IC REG LINEAR 12V 1.5A



L7812CD2T-TR
STMicroelectronics
IC REG LINEAR 12V 1.5A D2PAK

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

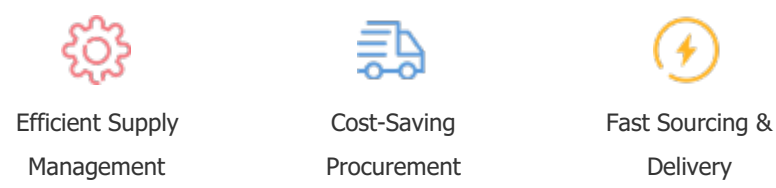
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

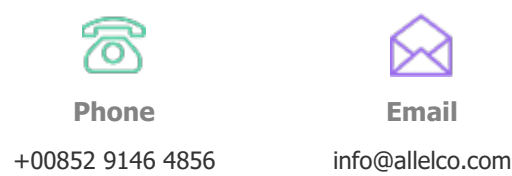
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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