

Image may be representation.
See specifications for product details.



L7812CV-DG

Manufacturer Part Number	L7812CV-DG
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L7812CV-DG
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 12V 1.5A TO220
Package	TO-220-3
Data sheet	L78.pdf
RoHs Status	ROHS3 Compliant

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L7812CV-DG - STMicroelectronics. New Original in Stock. Download Linear Technology L7812CV-DG datasheet/specifications on AllelcoElec.com.
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Specifications

L7812CV-DG Tech Specifications

L7812CV-DG - 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-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	L7812

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L7812CV-DG

Product Attribute				
Part Number	L7812CV-DG	L7812CD2T	L7815ABP	L7812CD2T-TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Supplier Device Package	TO-220	D2PAK	TO-220FP	D2PAK
Package / Case	TO-220-3	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-220-3 Full Pack	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Voltage - Input (Max)	35V	35V	35V	35V
Current - Quiescent (Iq)	8 mA	8 mA	6 mA	8 mA
Voltage - Output (Min/Fixed)	12V	12V	15V	12V
PSRR	55dB (120Hz)	55dB (120Hz)	58dB (120Hz)	55dB (120Hz)
Control Features	-	-	-	-
Voltage Dropout (Max)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)
Operating Temperature	0°C ~ 125°C	0°C ~ 125°C	-40°C ~ 125°C	0°C ~ 125°C
Protection Features	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit
Output Type	Fixed	Fixed	Fixed	Fixed
Series	-	-	-	-
Current - Output	1.5A	1.5A	1.5A	1.5A
Mounting Type	Through Hole	Surface Mount	Through Hole	Surface Mount
Voltage - Output (Max)	-	-	-	-
Number of Regulators	1	1	1	1
Base Product Number	L7812	L7812	L7815	L7812
Output Configuration	Positive	Positive	Positive	Positive
Package	Tube	Tube	Tube	Tape & Reel (TR)

L7812CV-DG Datasheet PDF

Download L7812CV-DG pdf datasheets and STMicroelectronics documentation for L7812CV-DG - STMicroelectronics.

HTML Datasheet

[L78.pdf](#)

PCN Design/Specification





[Mult Dev Adv Material Notice 8/Apr/2019.pdf](#)

[Back Metal Conversion 21/Jun/2016.pdf](#)

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

					
L7812CD2T STMicroelectronics IC REG LINEAR 12V 1.5A D2PAK	L7815ABP STMicroelectronics IC REG LINEAR 15V 1.5A TO220FP	L7812CD2T-TR STMicroelectronics IC REG LINEAR 12V 1.5A D2PAK	L7815ACV STMicroelectronics IC REG LINEAR 15V 1.5A TO220AB	L7815ABD2T-TR STMicroelectronics IC REG LINEAR 15V 1.5A D2PAK	L7812CP STMicroelectronics IC REG LINEAR 12V 1.5A TO220FP
					
L7812CV/AT STMicroelectronics	L7815ABV STMicroelectronics IC REG LINEAR 15V 1.5A TO220AB	L7812CV STMicroelectronics IC REG LINEAR 12V 1.5A TO220AB	L7812CDT-TR STMicroelectronics	L7815ABV-DG STMicroelectronics IC REG LINEAR 15V 1.5A TO220	L7815ACV-DG STMicroelectronics IC REG LINEAR 15V 1.5A TO220
					
L7812CT STMicroelectronics IC REG LINEAR 12V 1.5A TO3	L7815ACD2T-TR STMicroelectronics IC REG LINEAR 15V 1.5A D2PAK	L7812CV UMW 1.2A FIXED 12V~12V POSITIVE 1 35	L7812CD2T MOS STMicroelectronics	L7812CD2T-TR MOS STMicroelectronics	L7812CD2T SOT 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:
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Efficient Supply Management	Cost-Saving Procurement	Fast Sourcing & Delivery

Contact us if you have any questions.

	
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Certifications & Memberships



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