

Image may be representation.
See specifications for product details.



L7812ABV-DG

Manufacturer Part Number	L7812ABV-DG
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L7812ABV-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

Get a Quote

L7812ABV-DG - STMicroelectronics.New Original in Stock. Download Linear Technology L7812ABV-DG datasheet/specifications on AllelcoElec.com.
Request a quote for L7812ABV-DG, please send us email: info@allelco.com

Specifications

L7812ABV-DG Tech Specifications
L7812ABV-DG - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	PSRR	60dB (120Hz)
Voltage Dropout (Max)	2V @ 1A (Typ)	Output Type	Fixed
Voltage - Output (Min/Fixed)	12V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	35V	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	L7812

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L7812ABV-DG

Product Attribute				
Part Number	L7812ABV-DG	L7812ACV-DG	L7812ABD2T	L7812ACD2T-TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Number of Regulators	1	1	1	1
Current - Quiescent (Iq)	6 mA	6 mA	6 mA	6 mA
Series	-	-	-	-
PSRR	60dB (120Hz)	60dB (120Hz)	60dB (120Hz)	60dB (120Hz)
Package	Tube	Tube	Tube	Tape & Reel (TR)
Package / Case	TO-220-3	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
Voltage - Output (Min/Fixed)	12V	12V	12V	12V
Base Product Number	L7812	L7812	L7812	L7812
Output Type	Fixed	Fixed	Fixed	Fixed
Operating Temperature	-40°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
Voltage - Output (Max)	-	-	-	-
Voltage Dropout (Max)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)
Supplier Device Package	TO-220	TO-220	D2PAK	D2PAK
Current - Output	1.5A	1.5A	1.5A	1.5A
Voltage - Input (Max)	35V	35V	35V	35V
Output Configuration	Positive	Positive	Positive	Positive
Control Features	-	-	-	-
Mounting Type	Through Hole	Through Hole	Surface Mount	Surface Mount

L7812ABV-DG Datasheet PDF

Download L7812ABV-DG pdf datasheets and STMicroelectronics documentation for L7812ABV-DG - STMicroelectronics.

HTML Datasheet

[L78.pdf](#)

PCN Design/Specification

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

[HBIP40 Technology Junction Capacitor 5/Nov/2015.pdf](#)

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

 L7812AC2T STMicroelectronics	 L780S05-FA AMI Semiconductor/onsemi	 L7812ACV-DG STMicroelectronics IC REG LINEAR 12V 1.5A	 L7812ABD2T STMicroelectronics IC REG LINEAR 12V 1.5A D2PAK	 L7810CDT-TR STMicroelectronics	 L7812CD2T MOS STMicroelectronics
 L7812ACD2T-TR STMicroelectronics IC REG LINEAR 12V 1.5A D2PAK	 L7810CV STMicroelectronics IC REG LINEAR 10V 1.5A TO220AB	 L7812ACD2T STMicroelectronics IC REG LINEAR 12V 1.5A D2PAK	 L7812AB2T STMicroelectronics	 L7812ABV STMicroelectronics IC REG LINEAR 12V 1.5A TO220AB	 L780S05-FA MOS AMI Semiconductor/onsemi
 L7812C2T STMicroelectronics	 L7812 MOS STMicroelectronics	 L7812ACV STMicroelectronics IC REG LINEAR 12V 1.5A TO220AB	 L7812AB STMicroelectronics	 L7812ABD2T-TR STMicroelectronics IC REG LINEAR 12V 1.5A D2PAK	 L7812CD2T 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 -

-  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