

Image may be representation.
See specifications for product details.



L7805ABV-DG

Manufacturer Part Number	L7805ABV-DG
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L7805ABV-DG
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG LINEAR 5V 1.5A TO220
Package	TO-220-3
Data sheet	L78.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

L7805ABV-DG - STMicroelectronics.New Original in Stock. Download Linear Technology L7805ABV-DG datasheet/specifications on AllelcoElec.com.
Request a quote for L7805ABV-DG, please send us email: info@allelco.com

Specifications

L7805ABV-DG Tech Specifications
L7805ABV-DG - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	PSRR	68dB (120Hz)
Voltage Dropout (Max)	2V @ 1A (Typ)	Output Type	Fixed
Voltage - Output (Min/Fixed)	5V	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	L7805

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L7805ABV-DG

Product Attribute				
Part Number	L7805ABV-DG	L7805ACP	L7805ACV-DG	L7805ACV
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package / Case	TO-220-3	TO-220-3 Full Pack	TO-220-3	TO-220-3
PSRR	68dB (120Hz)	68dB (120Hz)	68dB (120Hz)	68dB (120Hz)
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Voltage - Output (Min/Fixed)	5V	5V	5V	5V
Series	-	-	-	-
Voltage - Output (Max)	-	-	-	-
Supplier Device Package	TO-220	TO-220FP	TO-220	TO-220
Number of Regulators	1	1	1	1
Voltage - Input (Max)	35V	35V	35V	35V
Output Configuration	Positive	Positive	Positive	Positive
Protection Features	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit
Operating Temperature	-40°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C
Base Product Number	L7805	L7805	L7805	L7805
Current - Output	1.5A	1.5A	1.5A	1.5A
Control Features	-	-	-	-
Voltage Dropout (Max)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)
Output Type	Fixed	Fixed	Fixed	Fixed
Current - Quiescent (Iq)	6 mA	6 mA	6 mA	6 mA
Package	Tube	Tube	Tube	Tube

L7805ABV-DG Datasheet PDF

Download L7805ABV-DG pdf datasheets and STMicroelectronics documentation for L7805ABV-DG - STMicroelectronics.

HTML Datasheet

[L78.pdf](#)

PCN Design/Specification

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

[New Die Design 09/Sep/2019.pdf](#)

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

 L7805ABV3 STMicroelectronics	 L7805ACP STMicroelectronics IC REG LINEAR 5V 1.5A TO220FP	 L7805ABV/7805BT ST/ON	 L7805ACV-DG STMicroelectronics IC REG LINEAR 5V 1.5A TO220	 L7805 MOS STMicroelectronics	 L7805ACV STMicroelectronics IC REG LINEAR 5V 1.5A TO220AB
 L7805ABD2T STMicroelectronics IC REG LINEAR 5V 1.5A D2PAK	 L7805ACD13TR STMicroelectronics	 L7805C STMicroelectronics	 L7805AB2T STMicroelectronics	 L7805ABT STMicroelectronics	 L7805C-V STMicroelectronics
 L7805ACD2T STMicroelectronics IC REG LINEAR 5V 1.5A D2PAK	 L7805ABP STMicroelectronics IC REG LINEAR 5V 1.5A TO220FP	 L7805ABV STMicroelectronics IC REG LINEAR 5V 1.5A TO220AB	 L7805ACUTR STMicroelectronics	 L7805ABD2T-TR STMicroelectronics IC REG LINEAR 5V 1.5A D2PAK	 L7805ACD2T-TR STMicroelectronics IC REG LINEAR 5V 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.



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-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone
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Certifications & Memberships



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