

### L7805ABV

ECAD Model

Data sheet

Manufacturer Part Number L7805ABV

Manufacturer STMicroelectronics

Allelco Part Number 32D-L7805ABV

Parts Description IC REG LINEAR 5V 1.5A TO220AB

L78.pdf

PCB Symbol, Footprint & 3D Mode

Package TO-220-3

RoHs Status ROHS3 Compliant

Get a Quote



Image may be representation.

See specifications for product details.

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

# **Specifications**

L7805ABV Tech Specifications

L7805ABV - 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

Product Attribute				
Part Number	L7805ABV	L7805ABD2T	L7805ABD2T-TR	L7805ABP
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Output Configuration	Positive	Positive	Positive	Positive
Voltage - Output (Min/Fixed)	5V	5V	5V	5V
Voltage - Input (Max)	35V	35V	35V	35V
Supplier Device Package	TO-220	D2PAK	D <sup>2</sup> PAK	TO-220FP
Package	Tube	Tube	Tape & Reel (TR)	Tube
Voltage Dropout (Max)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)
Mounting Type	Through Hole	Surface Mount	Surface Mount	Through Hole
Current - Quiescent (Iq)	6 mA	6 mA	6 mA	6 mA
Series	-	-	-	-
Base Product Number	L7805	L7805	L7805	L7805
PSRR	68dB (120Hz)	68dB (120Hz)	68dB (120Hz)	68dB (120Hz)
Current - Output	1.5A	1.5A	1.5A	1.5A
Number of Regulators	1	1	1	1
Package / Case	TO-220-3	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	TO-220-3 Full Pack
Control Features	-	-	-	-
Protection Features	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit
Operating Temperature	-40°C ∼ 125°C	-40°C ~ 125°C	-40°C ∼ 125°C	-40°C ~ 125°C
Output Type	Fixed	Fixed	Fixed	Fixed
Voltage - Output (Max)	-	-	-	-

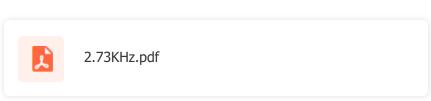
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# HTML Datasheet



## PCN Assembly/Origin



#### **Recommended Products**



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L7805ABD2T

STMicroelectronics IC REG LINEAR 5V 1.5A D2PAK



STMicroelectronics



STMicroelectronics

STMicroelectronics

L7805ABD2T-TR

STMicroelectronics IC REG LINEAR 5V 1.5A TO220FP

L7805ABP

L7805C-V STMicroelectronics







IC REG LINEAR 5V 1.5A D2PAK





L7805ACV

STMicroelectronics IC REG LINEAR 5V 1.5A TO220AB



L7805ACP

STMicroelectronics

IC REG LINEAR 5V 1.5A TO220FP

L7805ACUTR STMicroelectronics



L7805ABT

STMicroelectronics

STMicroelectronics IC REG LINEAR 5V 1.5A TO220

**L7805ABV-DG** 



L7805ACD2T-TR

STMicroelectronics IC REG LINEAR 5V 1.5A D2PAK







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L7805ABV/7805BT

ST/ON



L7805ABV3

STMicroelectronics

**L7805ACD13TR** 

STMicroelectronics



L7805C

STMicroelectronics



L7805ACV-DG STMicroelectronics IC REG LINEAR 5V 1.5A TO220



L7805ACD2T

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	
America	Brazil	7	
	Germany	5	
Europe	United Kingdom	4	
	Italy	5	
Oceania	Australia	6	
Oceania	New Zealand	7	
Asia	India	6	
ASIa	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**

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.

The payment method can be chosen from the methods shown below:











### Your Faithful Supply Chain Partner -



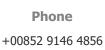














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# Certifications & Memberships













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