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Image may be representation.

See specifications for product details.

### L7805ABV-DG

ECAD Model

Data sheet

Manufacturer Part Number L7805ABV-DG

Manufacturer STMicroelectronics

Allelco Part Number 32D-L7805ABV-DG

Parts Description IC REG LINEAR 5V 1.5A TO220

PCB Symbol, Footprint & 3D Mode

Package TO-220-3

RoHs Status ROHS3 Compliant

L78.pdf

L7805ABV-DG - STMicroelectronics.New Original in Stock. Download Linear Technology L7805ABV-DG datasheet/specifications on AllelcoElec.com.

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## **Specifications**

L7805ABV-DG Tech Specifications

L7805ABV-DG - STMicroelectronics technical specifications, attributes, parameters

L7605ABV-DG - STMICTOElectronics tecrifical 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**

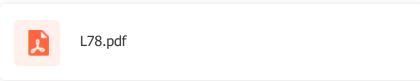
The three parts on the right have similar specifications to STMicroelectronics L7805ABV-DG

The time parts on the right have similar spi	pecifications 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
<b>Protection Features</b>	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



## PCN Design/Specification

Mult Dev Adv Material Notice 8/Apr/2019.pdf



New Die Design 09/Sep/2019.pdf

### **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





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L7805ABD2T

STMicroelectronics IC REG LINEAR 5V 1.5A D2PAK **L7805ACD13TR** 

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L7805ABV

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L7805ACUTR

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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		
America	Brazil	7		
	Germany	5		
Europe	United Kingdom	4		
	Italy	5		
Oceania	Australia	6		
Occariia	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

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 -







Delivery







Certifications & Memberships







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