



Image may be representation.  
See specifications for product details.



## L7805ACD2T

Manufacturer Part Number	<b>L7805ACD2T</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-L7805ACD2T
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 5V 1.5A D2PAK
Package	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB
Data sheet	<b>L78.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

L7805ACD2T - STMicroelectronics.New Original in Stock. Download Linear Technology L7805ACD2T datasheet/specifications on AllelcoElec.com.  
Request a quote for L7805ACD2T, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

L7805ACD2T Tech Specifications

L7805ACD2T - 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	0°C ~ 125°C
Voltage - Input (Max)	35V	Number of Regulators	1
Supplier Device Package	D2PAK	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	6 mA
Protection Features	Over Temperature, Short Circuit	Current - Output	1.5A
Package / Case	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	Control Features	-
Package	Tube	Base Product Number	L7805

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L7805ACD2T

Product Attribute				
Part Number	L7805ACD2T	<b>L7805ACD2T-TR</b>	<b>L7805ACP</b>	<b>L7805ABV-DG</b>
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage - Input (Max)	35V	35V	35V	35V
Package	Tube	Tape & Reel (TR)	Tube	Tube
Protection Features	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit
Output Type	Fixed	Fixed	Fixed	Fixed
Current - Quiescent (Iq)	6 mA	6 mA	6 mA	6 mA
Output Configuration	Positive	Positive	Positive	Positive
Voltage - Output (Min/Fixed)	5V	5V	5V	5V
Base Product Number	L7805	L7805	L7805	L7805
Supplier Device Package	D2PAK	D2PAK	TO-220FP	TO-220
Package / Case	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	TO-220-3
Voltage Dropout (Max)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)
Voltage - Output (Max)	-	-	-	-
Current - Output	1.5A	1.5A	1.5A	1.5A
Series	-	-	-	-
Operating Temperature	0°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C	-40°C ~ 125°C
PSRR	68dB (120Hz)	68dB (120Hz)	68dB (120Hz)	68dB (120Hz)
Control Features	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Through Hole	Through Hole
Number of Regulators	1	1	1	1

### L7805ACD2T Datasheet PDF

Download L7805ACD2T pdf datasheets and STMicroelectronics documentation for L7805ACD2T - STMicroelectronics.

HTML Datasheet



### Customers Also Interested in

### Recommended Products



**L7805ABT**  
STMicroelectronics



**L7805ABV/7805BT**  
ST/ON



**L7805ACUTR**  
STMicroelectronics



**L7805ACD13TR**  
STMicroelectronics



**L7805ABV3**  
STMicroelectronics



**L7805ACD2T-TR**  
STMicroelectronics  
IC REG LINEAR 5V 1.5A D2PAK



**L7805AB2T**  
STMicroelectronics



**L7805ACP**  
STMicroelectronics  
IC REG LINEAR 5V 1.5A TO220FP



**L7805ABV-DG**  
STMicroelectronics  
IC REG LINEAR 5V 1.5A TO220



**L7805ABP**  
STMicroelectronics  
IC REG LINEAR 5V 1.5A TO220FP



**L7805ACV**  
STMicroelectronics  
IC REG LINEAR 5V 1.5A TO220AB



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



**L7805C-V**  
STMicroelectronics



**L7805ABD2T**  
STMicroelectronics  
IC REG LINEAR 5V 1.5A D2PAK



**L7805C2T**  
STMicroelectronics



**L7805C**  
STMicroelectronics



**L7805ABV**  
STMicroelectronics  
IC REG LINEAR 5V 1.5A TO220AB



**L7805ABD2T-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.



## 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



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