



Image may be representation.
See specifications for product details.



L7812ACD2T-TR

Manufacturer Part Number	L7812ACD2T-TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L7812ACD2T-TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 12V 1.5A D2PAK
Package	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Data sheet	L78.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

L7812ACD2T-TR - STMicroelectronics.New Original in Stock. Download Linear Technology L7812ACD2T-TR datasheet/specifications on AllelcoElec.com.
Request a quote for L7812ACD2T-TR, please send us email: info@allelco.com

Specifications

L7812ACD2T-TR Tech Specifications

L7812ACD2T-TR - 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	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 ² Pak (2 Leads + Tab), TO-263AB	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	L7812

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L7812ACD2T-TR

Product Attribute				
Part Number	L7812ACD2T-TR	L7812ACV	L7810CV	L7812ABD2T
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Base Product Number	L7812	L7812	L7810	L7812
Output Type	Fixed	Fixed	Fixed	Fixed
Voltage Dropout (Max)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount
Current - Output	1.5A	1.5A	1.5A	1.5A
Series	-	-	-	-
Supplier Device Package	D2PAK	TO-220	TO-220	D2PAK
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-220-3	TO-220-3	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Control Features	-	-	-	-
Current - Quiescent (Iq)	6 mA	6 mA	8 mA	6 mA
Output Configuration	Positive	Positive	Positive	Positive
Voltage - Input (Max)	35V	35V	35V	35V
Operating Temperature	0°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C	-40°C ~ 125°C
Voltage - Output (Max)	-	-	-	-
Protection Features	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit
Voltage - Output (Min/Fixed)	12V	12V	10V	12V
Number of Regulators	1	1	1	1
PSRR	60dB (120Hz)	60dB (120Hz)	55dB (120Hz)	60dB (120Hz)
Package	Tape & Reel (TR)	Tube	Tube	Tube

L7812ACD2T-TR Datasheet PDF

Download L7812ACD2T-TR pdf datasheets and STMicroelectronics documentation for L7812ACD2T-TR - STMicroelectronics.

PCN Packaging

Mult Dev Inner Box Chg 9/Dec/2021.pdf



















HTML Datasheet

L78.pdf

PCN Design/Specification

Customers Also Interested in

Recommended Products

 L7812ACV STMicroelectronics IC REG LINEAR 12V 1.5A TO220AB	 L7812C2T STMicroelectronics	 L7810CV STMicroelectronics IC REG LINEAR 10V 1.5A TO220AB	 L7812ABD2T STMicroelectronics IC REG LINEAR 12V 1.5A D2PAK	 L7812ABD2T-TR STMicroelectronics IC REG LINEAR 12V 1.5A D2PAK	 L7812AC2T STMicroelectronics
 L7812ACV-DG STMicroelectronics IC REG LINEAR 12V 1.5A	 L7812AB STMicroelectronics	 L7812CD2T-TR MOS STMicroelectronics	 L7812CD2T SOT STMicroelectronics	 L7812ABV STMicroelectronics IC REG LINEAR 12V 1.5A TO220AB	 L7812CD2T STMicroelectronics IC REG LINEAR 12V 1.5A D2PAK
 L7812ABV-DG STMicroelectronics IC REG LINEAR 12V 1.5A TO220	 L7812CD2T-TR STMicroelectronics IC REG LINEAR 12V 1.5A D2PAK	 L7812AB2T STMicroelectronics	 L7812ACD2T STMicroelectronics IC REG LINEAR 12V 1.5A D2PAK	 L7812 MOS STMicroelectronics	 L7812CD2T MOS STMicroelectronics

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
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Contact us if you have any questions.

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