

Image may be representation.  
See specifications for product details.



## L78L12ABD-TR

Manufacturer Part Number	<b>L78L12ABD-TR</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-L78L12ABD-TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 12V 100MA 8SO
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
	<b>L78L Datasheet.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

L78L12ABD-TR - STMicroelectronics. New Original in Stock. Download Linear Technology L78L12ABD-TR datasheet/specifications on AllelcoElec.com.  
Request a quote for L78L12ABD-TR, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

L78L12ABD-TR Tech Specifications

L78L12ABD-TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	Fixed
Voltage Dropout (Max)	-	Output Configuration	Positive
Voltage - Output (Min/Fixed)	12V	Operating Temperature	-40°C ~ 125°C
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	35V	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Current - Supply (Max)	6.5 mA
Series	-	Current - Quiescent (Iq)	6 mA
Protection Features	Over Current, Over Temperature, Short Circuit	Current - Output	100mA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	L78L12
PSRR	42dB (120Hz)		

## Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L78L12ABD-TR

Product Attribute				
Part Number	L78L12ABD-TR	<b>L78L12ACZ-TR</b>	<b>L78L09ACUTR</b>	<b>L78L09ACZ-AP</b>
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Protection Features	Over Current, Over Temperature, Short Circuit	Over Current, Over Temperature, Short Circuit	Over Current, Over Temperature, Short Circuit	Over Current, Over Temperature, Short Circuit
Operating Temperature	-40°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C
PSRR	42dB (120Hz)	42dB (120Hz)	44dB (120Hz)	44dB (120Hz)
Voltage - Input (Max)	35V	35V	30V	30V
Base Product Number	L78L12	L78L12	L78L09	L78L09
Supplier Device Package	8-SOIC	TO-92-3	SOT-89-3	TO-92-3
Mounting Type	Surface Mount	Through Hole	Surface Mount	Through Hole
Voltage Dropout (Max)	-	-	-	-
Current - Output	100mA	100mA	100mA	100mA
Series	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Cut Tape (CT)
Output Type	Fixed	Fixed	Fixed	Fixed
Package / Case	8-SOIC (0.154", 3.90mm Width)	TO-226-3, TO-92-3 (TO-226AA) Formed Leads	TO-243AA	TO-226-3, TO-92-3 (TO-226AA) Formed Leads
Current - Supply (Max)	6.5 mA	6.5 mA	6 mA	6 mA
Current - Quiescent (Iq)	6 mA	6 mA	5.5 mA	5.5 mA
Voltage - Output (Max)	-	-	-	-
Number of Regulators	1	1	1	1
Control Features	-	-	-	-
Voltage - Output (Min/Fixed)	12V	12V	9V	9V
Output Configuration	Positive	Positive	Positive	Positive

## L78L12ABD-TR Datasheet PDF

Download L78L12ABD-TR pdf datasheets and STMicroelectronics documentation for L78L12ABD-TR - STMicroelectronics.

### Datasheets











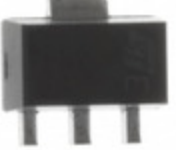







[Cylindrical Battery Holders.pdf](#)

### HTML Datasheet

[L78L Datasheet.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>L78L12ACZ-TR</b> STMicroelectronics IC REG LINEAR 12V 100MA TO92-3	<b>L78L09ACUTR</b> STMicroelectronics IC REG LINEAR 9V 100MA SOT89-3	<b>L78L09ACZ-AP</b> STMicroelectronics IC REG LINEAR 9V 100MA TO92-3	<b>L78L12ACUTR</b> STMicroelectronics IC REG LINEAR 12V 100MA SOT89-3	<b>L78L12</b> HGF NO PICTURE	<b>L78L10ACUTR</b> STMicroelectronics IC REG LINEAR 10V 100MA SOT89-3
					
<b>L78L12ACZ</b> STMicroelectronics IC REG LINEAR 12V 100MA TO92-3	<b>L78L12ACD13TR</b> STMicroelectronics IC REG LINEAR 12V 100MA 8SO	<b>L78L09CD13TR</b> STMicroelectronics IC REG LINEAR 9V 100MA 8SO	<b>L78L12CD13TR</b> STMicroelectronics IC REG LINEAR 12V 100MA 8SO	<b>L78L12ABUTR</b> STMicroelectronics IC REG LINEAR 12V 100MA SOT89-3	<b>L78L09ACZ</b> STMicroelectronics IC REG LINEAR 9V 100MA TO92-3
					
<b>L78L12ACZ-AP</b> STMicroelectronics IC REG LINEAR 12V 100MA TO92-3	<b>L78L09ACZ-TR</b> STMicroelectronics IC REG LINEAR 9V 100MA TO92-3	<b>L78L09CD</b> STMicroelectronics life.augmented	<b>L78L12ABZ</b> STMicroelectronics IC REG LINEAR 12V 100MA TO92-3	<b>L78L12ACU</b> ALJ NO PICTURE	<b>L78L09ACU</b> STMicroelectronics life.augmented

## 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

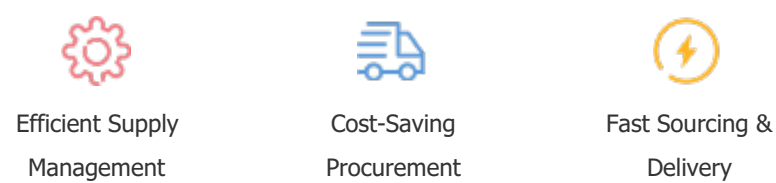
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

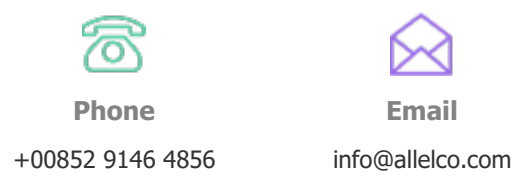
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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