



Image may be representation.  
See specifications for product details.



## LE50ABZ

Manufacturer Part Number	<b>LE50ABZ</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-LE50ABZ
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR 5V 100MA TO92-3
Package	TO-226-3, TO-92-3 (TO-226AA)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	ROHS3 Compliant

Get a Quote

LE50ABZ - STMicroelectronics.New Original in Stock. Download Linear Technology LE50ABZ datasheet/specifications on AllelcoElec.com.  
Request a quote for LE50ABZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

LE50ABZ Tech Specifications

LE50ABZ - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	Fixed
Voltage Dropout (Max)	0.5V @ 100mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	5V	Operating Temperature	-40°C ~ 125°C
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	18V	Mounting Type	Through Hole
Supplier Device Package	TO-92-3	Current - Supply (Max)	3 mA
Series	-	Current - Quiescent (Iq)	1 mA
Protection Features	Over Current, Over Temperature	Current - Output	100mA
Package / Case	TO-226-3, TO-92-3 (TO-226AA)	Control Features	-
Package	Bulk	Base Product Number	LE50
PSRR	76dB ~ 60dB (120Hz ~ 10kHz)		

## Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics LE50ABZ

Product Attribute				
Part Number	LE50ABZ	LE50ABD	LE50CZ-AP	LE50CD
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Series	-	-	-	-
Current - Output	100mA	100mA	100mA	100mA
Mounting Type	Through Hole	Surface Mount	Through Hole	Surface Mount
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Voltage - Input (Max)	18V	18V	18V	18V
Voltage - Output (Min/Fixed)	5V	5V	5V	5V
PSRR	76dB ~ 60dB (120Hz ~ 10kHz)	76dB ~ 60dB (120Hz ~ 10kHz)	76dB ~ 60dB (120Hz ~ 10kHz)	76dB ~ 60dB (120Hz ~ 10kHz)
Package / Case	TO-226-3, TO-92-3 (TO-226AA)	8-SOIC (0.154", 3.90mm Width)	TO-226-3, TO-92-3 (TO-226AA) Formed Leads	8-SOIC (0.154", 3.90mm Width)
Control Features	-	Enable	-	Enable
Current - Quiescent (Iq)	1 mA	1 mA	1 mA	1 mA
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Current - Supply (Max)	3 mA	3 mA	3 mA	3 mA
Voltage - Output (Max)	-	-	-	-
Output Type	Fixed	Fixed	Fixed	Fixed
Base Product Number	LE50	LE50	LE50	LE50
Supplier Device Package	TO-92-3	8-SOIC	TO-92-3	8-SOIC
Package	Bulk	Tube	Tape & Box (TB)	Tube
Output Configuration	Positive	Positive	Positive	Positive
Number of Regulators	1	1	1	1
Voltage Dropout (Max)	0.5V @ 100mA	0.5V @ 100mA	0.5V @ 100mA	0.5V @ 100mA

## LE50ABZ Datasheet PDF

Download LE50ABZ pdf datasheets and STMicroelectronics documentation for LE50ABZ - STMicroelectronics.



















### Datasheets



Cylindrical Battery Holders.pdf

## Customers Also Interested in

### Recommended Products

 <b>LE50ABD</b> STMicroelectronics IC REG LINEAR 5V 100MA 8SO	 <b>LE57D121BTC</b> Microchip Technology IC TELECOM INTERFACE 44TQFP	 <b>LE57D111BTCT</b> Microchip Technology IC TELECOM INTERFACE 44TQFP	 <b>LE50CZ-AP</b> STMicroelectronics IC REG LINEAR 5V 100MA TO92-3	 <b>LE50AB</b> STMicroelectronics	 <b>LE57D121BTCT</b> Microchip Technology IC TELECOM INTERFACE 44TQFP
 <b>LE57D111DJC</b> LEGERITY	 <b>LE50CD</b> STMicroelectronics IC REG LINEAR 5V 100MA 8SO	 <b>LE50ACZ</b> STMicroelectronics	 <b>LE50CZ</b> STMicroelectronics IC REG LINEAR 5V 100MA TO92-3	 <b>LE57D111BTC</b> Microchip Technology IC TELECOM INTERFACE 44TQFP	 <b>LE57D111JC</b> LEGERITY
 <b>LE50ABD-TR</b> STMicroelectronics IC REG LINEAR 5V 100MA 8SO	 <b>LE50CZW3</b> STMicroelectronics	 <b>LE50ABD-TR1G</b> STMicroelectronics	 <b>LE50ABZW3</b> STMicroelectronics	 <b>LE50CD-TR</b> STMicroelectronics IC REG LINEAR 5V 100MA 8SO	 <b>LE50CD-TR1G</b> 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

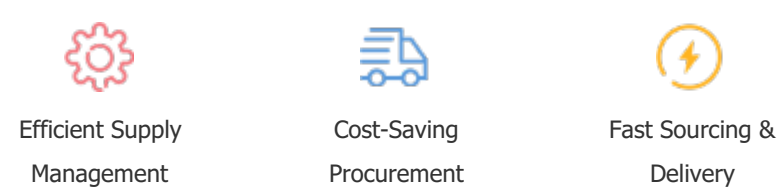
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

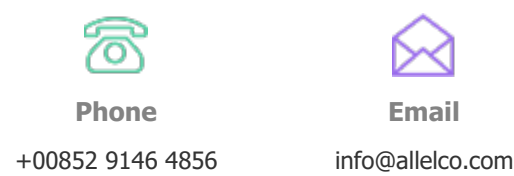
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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### Contact us

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