



Image may be representation.  
See specifications for product details.



## L78M09ABDT-TR

Manufacturer Part Number	<b>L78M09ABDT-TR</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-L78M09ABDT-TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 9V 500MA DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	<b>L78MxxAB,AC.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

L78M09ABDT-TR - STMicroelectronics.New Original in Stock. Download Linear Technology L78M09ABDT-TR datasheet/specifications on AllelcoElec.com.  
Request a quote for L78M09ABDT-TR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

L78M09ABDT-TR Tech Specifications

L78M09ABDT-TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	PSRR	56dB (120Hz)
Voltage Dropout (Max)	-	Output Type	Fixed
Voltage - Output (Min/Fixed)	9V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	35V	Number of Regulators	1
Supplier Device Package	DPAK	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	6 mA
Protection Features	Over Current, Over Temperature, Short Circuit	Current - Output	500mA
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	L78M09

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L78M09ABDT-TR

Product Attribute				
Part Number	L78M09ABDT-TR	<b>L78M09ACDT-TR</b>	<b>L78M09CDT-TR</b>	L78M08CV
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Number of Regulators	1	1	1	1
Voltage - Output (Min/Fixed)	9V	9V	9V	8V
Operating Temperature	-40°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C
PSRR	56dB (120Hz)	56dB (120Hz)	56dB (120Hz)	56dB (120Hz)
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-220-3
Output Type	Fixed	Fixed	Fixed	Fixed
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	-
Output Configuration	Positive	Positive	Positive	Positive
Control Features	-	-	-	-
Base Product Number	L78M09	L78M09	L78M09	-
Voltage - Input (Max)	35V	35V	35V	35V
Voltage Dropout (Max)	-	-	-	-
Voltage - Output (Max)	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Series	-	-	-	-
Current - Output	500mA	500mA	500mA	500mA
Supplier Device Package	DPAK	DPAK	DPAK	TO-220AB
Current - Quiescent (Iq)	6 mA	6 mA	6 mA	6mA
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

### L78M09ABDT-TR Datasheet PDF

Download L78M09ABDT-TR pdf datasheets and STMicroelectronics documentation for L78M09ABDT-TR - STMicroelectronics.

#### Datasheets

[L78MxxAB,AC.pdf](#)

#### PCN Packaging

[Mult Dev Inner Box Chg 9/Dec/2021.pdf](#)















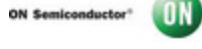
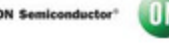


[Reel Design Change 22/Aug/2022.pdf](#)

#### PCN Design/Specification

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

					
<b>L78M09ACDT-TR</b> STMicroelectronics IC REG LINEAR 9V 500MA DPAK	<b>L78M09CDT-TR</b> STMicroelectronics IC REG LINEAR 9V 500MA DPAK	<b>L78M08T-TL</b> AMI Semiconductor/onsemi	<b>L78M08CV</b> STMicroelectronics IC REG LINEAR 8V 500MA TO220AB	<b>L78M09CV</b> STMicroelectronics IC REG LINEAR 9V 500MA TO220AB	<b>L78M09CDT</b> STMicroelectronics
					
<b>L78M09CDT/78M09</b> STMicroelectronics	<b>L78M09CP</b> STMicroelectronics IC REG LINEAR 9V 500MA TO220FP	<b>L78M08T</b> AMI Semiconductor/onsemi	<b>L78M09ABV</b> STMicroelectronics IC REG LINEAR 9V 500MA TO220AB	<b>L78M09</b> STMicroelectronics	<b>L78M08CV MOS</b> STMicroelectronics
					
<b>L78M08CDT-TR</b> STMicroelectronics IC REG LINEAR 8V 500MA DPAK	<b>L78M08CX</b> STMicroelectronics	<b>L78M08T-TL-E</b> onsemi IC REG LINEAR	<b>L78M09T</b> AMI Semiconductor/onsemi	<b>L78M09ACDT</b> STMicroelectronics	<b>L78M08CDT</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 -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
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Certifications & Memberships



View More

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