

Image may be representation.  
See specifications for product details.



## L78M09CV

Manufacturer Part Number	<b>L78M09CV</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-L78M09CV
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	<b>IC REG LINEAR 9V 500MA TO220AB</b>
Package	<b>TO-220-3</b>
Data sheet	L78M09CV.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

L78M09CV - STMicroelectronics.New Original in Stock. Download Linear Technology L78M09CV datasheet/specifications on AllelcoElec.com.  
Request a quote for L78M09CV, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

L78M09CV Tech Specifications  
L78M09CV - 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	0°C ~ 125°C
Voltage - Input (Max)	35V	Number of Regulators	1
Supplier Device Package	TO-220	Mounting Type	Through Hole
Series	-	Current - Quiescent (Iq)	6 mA
Protection Features	Over Current, Over Temperature, Short Circuit	Current - Output	500mA
Package / Case	TO-220-3	Control Features	-
Package	Tube	Base Product Number	L78M09

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L78M09CV

Product Attribute				
Part Number	L78M09CV	L78M08T-TL-E	L78M09ABDT-TR	L78M10ACDT-TR
Manufacturer	STMicroelectronics	onsemi	STMicroelectronics	STMicroelectronics
Output Type	Fixed	-	Fixed	Fixed
Control Features	-	-	-	-
Series	-	*	-	-
Current - Quiescent (Iq)	6 mA	-	6 mA	6 mA
Voltage Dropout (Max)	-	-	-	-
Base Product Number	L78M09	-	L78M09	L78M10
Protection Features	Over Current, Over Temperature, Short Circuit	-	Over Current, Over Temperature, Short Circuit	Over Current, Over Temperature, Short Circuit
Output Configuration	Positive	-	Positive	Positive
Voltage - Output (Min/Fixed)	9V	-	9V	10V
Current - Output	500mA	-	500mA	500mA
Supplier Device Package	TO-220	-	DPAK	DPAK
Voltage - Output (Max)	-	-	-	-
Number of Regulators	1	-	1	1
Voltage - Input (Max)	35V	-	35V	35V
Mounting Type	Through Hole	-	Surface Mount	Surface Mount
PSRR	56dB (120Hz)	-	56dB (120Hz)	56dB (120Hz)
Operating Temperature	0°C ~ 125°C	-	-40°C ~ 125°C	0°C ~ 125°C
Package	Tube	Bulk	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	TO-220-3	-	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63

### L78M09CV Datasheet PDF

Download L78M09CV pdf datasheets and STMicroelectronics documentation for L78M09CV - STMicroelectronics.

#### PCN Design/Specification

Mult Dev Adv Material Notice 8/Apr/2019.pdf



















Back Metal Conversion 21/Jun/2016.pdf

#### PCN Assembly/Origin

Mult Dev Assembly Chg 17/Feb/2020.pdf

### Customers Also Interested in

## Recommended Products

					
<b>L78M09T</b> AMI Semiconductor/onsemi	<b>L78M09TL-TL</b> AMI Semiconductor/onsemi	<b>L78M08T-TL-E</b> onsemi IC REG LINEAR	<b>L78M09ABDT-TR</b> STMicroelectronics IC REG LINEAR 9V 500MA DPAK	<b>L78M10ACDT-TR</b> STMicroelectronics IC REG LINEAR 10V 500MA DPAK	<b>L78M09CP</b> STMicroelectronics IC REG LINEAR 9V 500MA TO220FP
					
<b>L78M12</b> STMicroelectronics	<b>L78M09ACDT</b> STMicroelectronics	<b>L78M09CDT</b> STMicroelectronics	<b>L78M10ABDT-TR</b> STMicroelectronics IC REG LINEAR 10V 500MA DPAK	<b>L78M10CV</b> STMicroelectronics IC REG LINEAR 10V 500MA TO220AB	<b>L78M09CDT/78M09</b> STMicroelectronics
					
<b>L78M09ACDT-TR</b> STMicroelectronics IC REG LINEAR 9V 500MA DPAK	<b>L78M10CDT-TR</b> STMicroelectronics	<b>L78M09ABV</b> STMicroelectronics IC REG LINEAR 9V 500MA TO220AB	<b>L78M10CDT</b> STMicroelectronics IC REG LINEAR 10V 500MA DPAK	<b>L78M09CDT-TR</b> STMicroelectronics IC REG LINEAR 9V 500MA DPAK	<b>L78M09</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 -

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 Fast Sourcing & Delivery

Contact us if you have any questions.

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### Certifications & Memberships



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