



Image may be representation.
See specifications for product details.



L78M09CDT-TR

Manufacturer Part Number	L78M09CDT-TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L78M09CDT-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	L78M09CDT-TR.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

L78M09CDT-TR - STMicroelectronics.New Original in Stock. Download Linear Technology L78M09CDT-TR datasheet/specifications on AllelcoElec.com.
Request a quote for L78M09CDT-TR, please send us email: info@allelco.com

Specifications

L78M09CDT-TR Tech Specifications

L78M09CDT-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	0°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 L78M09CDT-TR

Product Attribute				
Part Number	L78M09CDT-TR	L78M10ACDT-TR	L78M10ABDT-TR	L78M09ACDT-TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage - Output (Min/Fixed)	9V	10V	10V	9V
Current - Output	500mA	500mA	500mA	500mA
Current - Quiescent (Iq)	6 mA	6 mA	6 mA	6 mA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
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-252-3, DPak (2 Leads + Tab), SC-63
Base Product Number	L78M09	L78M10	L78M10	L78M09
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
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Control Features	-	-	-	-
Voltage - Output (Max)	-	-	-	-
Operating Temperature	0°C ~ 125°C	0°C ~ 125°C	-40°C ~ 125°C	0°C ~ 125°C
Number of Regulators	1	1	1	1
Voltage - Input (Max)	35V	35V	35V	35V
Output Type	Fixed	Fixed	Fixed	Fixed
Supplier Device Package	DPAK	DPAK	DPAK	DPAK
Series	-	-	-	-
Output Configuration	Positive	Positive	Positive	Positive
Voltage Dropout (Max)	-	-	-	-

L78M09CDT-TR Datasheet PDF

Download L78M09CDT-TR pdf datasheets and STMicroelectronics documentation for L78M09CDT-TR - STMicroelectronics.

PCN Packaging

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

Reel Design Change 22/Aug/2022.pdf

PCN Assembly/Origin

Mult Dev Wire Chgs 11/Aug/2020.pdf

PCN Design/Specification



Customers Also Interested in

Recommended Products



L78M10ACDT-TR
STMicroelectronics
IC REG LINEAR 10V 500MA DPAK



L78M10ABDT-TR
STMicroelectronics
IC REG LINEAR 10V 500MA DPAK



L78M08T
AMI Semiconductor/onsemi



L78M09ACDT-TR
STMicroelectronics
IC REG LINEAR 9V 500MA DPAK



L78M09ACDT
STMicroelectronics



L78M09CV
STMicroelectronics
IC REG LINEAR 9V 500MA TO220AB



L78M09ABDT-TR
STMicroelectronics
IC REG LINEAR 9V 500MA DPAK



L78M09CDT
STMicroelectronics



L78M08T-TL-E
onsemi
IC REG LINEAR



L78M08CX
STMicroelectronics



L78M09T
AMI Semiconductor/onsemi



L78M10CDT
STMicroelectronics
IC REG LINEAR 10V 500MA DPAK



L78M08T-TL
AMI Semiconductor/onsemi



L78M09ABV
STMicroelectronics
IC REG LINEAR 9V 500MA TO220AB



L78M09CP
STMicroelectronics
IC REG LINEAR 9V 500MA TO220FP



L78M10CV
STMicroelectronics
IC REG LINEAR 10V 500MA TO220AB



L78M09CDT/78M09
STMicroelectronics



L78M09
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

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



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