



Image may be representation.
See specifications for product details.



LM317MDT

Manufacturer Part Number	LM317MDT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-LM317MDT
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR POS ADJ 500MA DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

LM317MDT - STMicroelectronics.New Original in Stock. Download Linear Technology LM317MDT datasheet/specifications on AllelcoElec.com.
Request a quote for LM317MDT, please send us email: info@allelco.com

Specifications

LM317MDT Tech Specifications

LM317MDT - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	PSRR	80dB ~ 65dB (120Hz)
Voltage Dropout (Max)	-	Output Type	Adjustable
Voltage - Output (Min/Fixed)	1.2V	Output Configuration	Positive
Voltage - Output (Max)	37V	Operating Temperature	0°C ~ 125°C (TJ)
Voltage - Input (Max)	40V	Number of Regulators	1
Supplier Device Package	DPAK	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	10 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	Tube	Base Product Number	LM317

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics LM317MDT

Product Attribute				
Part Number	LM317MDT	LM317MDT	LM317MDT-TR	LM317MBDTRK
Manufacturer	STMicroelectronics	UMW	STMicroelectronics	onsemi
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Current - Quiescent (Iq)	10 mA	12 mA	10 mA	10 mA
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	0°C ~ 125°C (TJ)	0°C ~ 125°C (TJ)	0°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Input (Max)	40V	40V	40V	40V
Voltage - Output (Max)	37V	37V	37V	37V
Current - Output	500mA	1.5A	500mA	500mA
Output Configuration	Positive	Positive	Positive	Positive
PSRR	80dB ~ 65dB (120Hz)	75dB ~ 60dB (120Hz)	80dB ~ 65dB (120Hz)	80dB ~ 65dB (120Hz)
Series	-	-	-	-
Control Features	-	-	-	-
Base Product Number	LM317	-	LM317	LM317
Supplier Device Package	DPAK	TO-252 (DPAK)	DPAK	DPAK
Voltage Dropout (Max)	-	-	-	-
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
Voltage - Output (Min/Fixed)	1.2V	1.2V	1.2V	1.2V
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Number of Regulators	1	1	1	1

LM317MDT Datasheet PDF

Download LM317MDT pdf datasheets and STMicroelectronics documentation for LM317MDT - STMicroelectronics.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

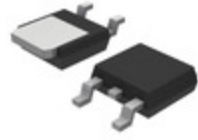
Recommended Products

**LM317MDT**

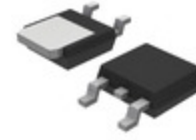
UMW
LINEAR VOLTAGE REGULATORS LOW
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**LM317MDT-TR**

STMicroelectronics
IC REG LINEAR POS ADJ 500MA
DPAK

**LM317MBDTRK**

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IC REG LINEAR POS ADJ 500MA
DPAK

**LM317MDTRKG**

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**LM317MDTX**

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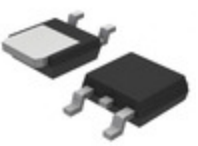
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IC REG LIN POS ADJ 500MA TO252-3

**LM317MDCY**

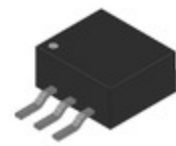
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**LM317MQDCYR**

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DPAK

**LM317MDT**

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**LM317MDTX**

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DPAK

**LM317MDCYR**

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**LM317MBSTT3G**

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IC REG LIN POS ADJ 500MA SOT223

**LM317LZG**

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IC REG LINEAR POS ADJ 100MA
TO92

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 Alleco 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.



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Management



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Fast Sourcing &
Delivery

Contact us if you have any questions.



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Certifications & Memberships



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