



Image may be representation.
See specifications for product details.



LM317MDT-TR

Manufacturer Part Number	LM317MDT-TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-LM317MDT-TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR POS ADJ 500MA DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	LM217,317M Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

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

Specifications

LM317MDT-TR Tech Specifications

LM317MDT-TR - 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	Tape & Reel (TR)	Base Product Number	LM317

Parts with Similar Specifications

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

Product Attribute				
Part Number	LM317MDT-TR	LM317P	LM317MSTT3G	LM317S
Manufacturer	STMicroelectronics	STMicroelectronics	onsemi	Texas Instruments
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
Base Product Number	LM317	LM317	LM317	LM317
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Output Configuration	Positive	Positive	Positive	Positive
PSRR	80dB ~ 65dB (120Hz)	80dB ~ 65dB (120Hz)	80dB ~ 65dB (120Hz)	64dB (120Hz)
Control Features	-	-	-	-
Voltage Dropout (Max)	-	-	-	-
Voltage - Output (Min/Fixed)	1.2V	1.2V	1.2V	1.25V
Voltage - Input (Max)	40V	40V	40V	37V
Number of Regulators	1	1	1	1
Voltage - Output (Max)	37V	37V	37V	37V
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Bulk
Operating Temperature	0°C ~ 125°C (TJ)	0°C ~ 125°C	0°C ~ 125°C (TJ)	0°C ~ 125°C
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-220-3 Full Pack	TO-261-4, TO-261AA	TO-263-4, D ² Pak (3 Leads + Tab), TO-263AA
Supplier Device Package	DPAK	TO-220FP	SOT-223 (TO-261)	DDPAK/TO-263-3
Current - Quiescent (Iq)	10 mA	10 mA	10 mA	10 mA
Series	-	-	-	-
Current - Output	500mA	1.5A	500mA	1.5A
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount

LM317MDT-TR Datasheet PDF

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

Datasheets

[LM217,317M Datasheet.pdf](#)

PCN Packaging

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







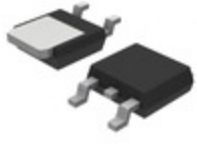

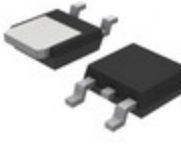



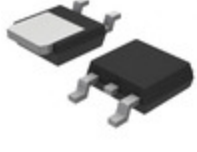





[Reel Design Change 22/Aug/2022.pdf](#)

PCN Design/Specification

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

 LM317P STMicroelectronics IC REG LIN POS ADJ 1.5A TO220FP	 LM317MSTT3G onsemi IC REG LIN POS ADJ 500MA SOT223	 LM317S Texas Instruments IC REG LINEAR ADJ POS STNDRD REG	 LM317MQDCYRG4 Texas Instruments IC REG LIN POS ADJ 500MA SOT223	 LM317MDTX onsemi IC REG LINEAR POS ADJ 500MA DPAK	 LM317MDCYR Texas Instruments IC REG LIN POS ADJ 500MA SOT223
 LM317MBDTRKG onsemi IC REG LINEAR POS ADJ 500MA DPAK	 LM317MDTX Fairchild Semiconductor IC REG LIN POS ADJ 500MA TO252	 LM317MBDTRK onsemi IC REG LINEAR POS ADJ 500MA DPAK	 LM317MBSTT3G onsemi IC REG LIN POS ADJ 500MA SOT223	 LM317MDT STMicroelectronics IC REG LINEAR POS ADJ 500MA DPAK	 LM317LZG onsemi IC REG LINEAR POS ADJ 100MA TO92
 LM317MDTRKG onsemi IC REG LINEAR POS ADJ 500MA DPAK	 LM317MDT onsemi IC REG LINEAR POS ADJ 500MA DPAK	 LM317MDCY Texas Instruments IC REG LIN POS ADJ 500MA SOT223	 LM317MDT UMW LINEAR VOLTAGE REGULATORS LOW CU	 LM317MQDCYR Texas Instruments IC REG LIN POS ADJ 500MA SOT223	 LM317MKVURG3 Texas Instruments IC REG LIN POS ADJ 500MA TO252-3

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.

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Certifications & Memberships



View More

Contact us

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