



Image may be representation.
See specifications for product details.



LF33CDT-TR

Manufacturer Part Number	LF33CDT-TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-LF33CDT-TR
ECAD Model	PCB Footprint and Symbol
Parts Description	IC REG LINEAR 3.3V 500MA DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	LF33CDT-TR.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

LF33CDT-TR - STMicroelectronics. New Original in Stock. Download Linear Technology LF33CDT-TR datasheet/specifications on AllelcoElec.com.
Request a quote for LF33CDT-TR, please send us email: info@allelco.com

Specifications

LF33CDT-TR Tech Specifications

LF33CDT-TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	Fixed
Voltage Dropout (Max)	0.7V @ 500mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	3.3V	Operating Temperature	-40°C ~ 125°C
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	16V	Mounting Type	Surface Mount
Supplier Device Package	DPAK	Current - Supply (Max)	12 mA
Series	-	Current - Quiescent (Iq)	1 mA
Protection Features	Over Current, Over Temperature	Current - Output	500mA
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	LF33
PSRR	80dB ~ 65dB (120Hz ~ 65dB)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics LF33CDT-TR

Product Attribute				
Part Number	LF33CDT-TR	LF33CDT	LF33CPT-TR	LF33CV-DG
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage - Input (Max)	16V	16V	16V	16V
Output Type	Fixed	Fixed	Fixed	Fixed
PSRR	80dB ~ 65dB (120Hz ~ 65dB)	80dB ~ 65dB (120Hz ~ 65dB)	80dB ~ 65dB (120Hz ~ 65dB)	80dB ~ 65dB (120Hz ~ 65dB)
Base Product Number	LF33	LF33	LF33	LF33
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Current - Quiescent (Iq)	1 mA	1 mA	1 mA	1 mA
Control Features	-	-	Enable	-
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-5, DPak (4 Leads + Tab), TO-252AD	TO-220-3
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Series	-	-	-	-
Voltage - Output (Min/Fixed)	3.3V	3.3V	3.3V	3.3V
Voltage - Output (Max)	-	-	-	-
Output Configuration	Positive	Positive	Positive	Positive
Supplier Device Package	DPAK	DPAK	PPAK	TO-220
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Current - Supply (Max)	12 mA	12 mA	12 mA	12 mA
Number of Regulators	1	1	1	1
Voltage Dropout (Max)	0.7V @ 500mA	0.7V @ 500mA	0.7V @ 500mA	0.7V @ 500mA
Current - Output	500mA	500mA	500mA	500mA

LF33CDT-TR Datasheet PDF

Download LF33CDT-TR pdf datasheets and STMicroelectronics documentation for LF33CDT-TR - STMicroelectronics.

PCN Packaging













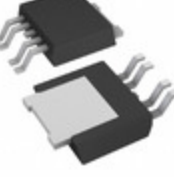



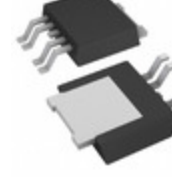
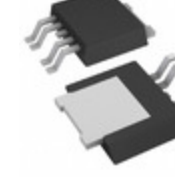
Mult Dev Inner Box Chg 9/Dec/2021.pdf

PCN Design/Specification

Back Metal Conversion 21/Jun/2016.pdf

Customers Also Interested in

Recommended Products

					
LF33CDT STMicroelectronics IC REG LINEAR 3.3V 500MA DPAK	LF3304QC Beacon EmbeddedWorks	LF33CPT-TR STMicroelectronics IC REG LINEAR 3.3V 500MA PPAK	LF33AB STMicroelectronics	LF33CV-DG STMicroelectronics IC REG LINEAR 3.3V 500MA TO220	LF3304QC-15 Beacon EmbeddedWorks
					
LF347BD Texas Instruments IC OPAMP JFET 4 CIRCUIT 14SOIC	LF33ABDT-TR/1HM STMicroelectronics	LF32B1907P47-N01 ZHENGYUAN	LF33CDT-TRY STMicroelectronics IC REG LINEAR 3.3V 500MA DPAK	LF33ABDT STMicroelectronics IC REG LINEAR 3.3V 500MA DPAK	LF33ABDT-TR STMicroelectronics IC REG LINEAR 3.3V 500MA DPAK
					
LF33CPT STMicroelectronics IC REG LINEAR 3.3V 500MA PPAK	LF33ABPT STMicroelectronics IC REG LINEAR 3.3V 500MA PPAK	LF33CV STMicroelectronics IC REG LINEAR 3.3V 500MA TO220AB	LF33CDT-TR MOS STMicroelectronics	LF33CPT-TRY STMicroelectronics IC REG LINEAR 3.3V 500MA PPAK	LF33ABPT-TR STMicroelectronics IC REG LINEAR 3.3V 500MA PPAK

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.

	
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