



Image may be representation.
See specifications for product details.



LF50CDT-TRY

Manufacturer Part Number	LF50CDT-TRY
Manufacturer	STMicroelectronics
Allelco Part Number	32D-LF50CDT-TRY
ECAD Model	PCB Footprint and Symbol
Parts Description	IC REG LINEAR 5V 500MA DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	LF50CDT-TRY.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

LF50CDT-TRY - STMicroelectronics.New Original in Stock. Download Linear Technology LF50CDT-TRY datasheet/specifications on AllelcoElec.com.
Request a quote for LF50CDT-TRY, please send us email: info@allelco.com

Specifications

LF50CDT-TRY Tech Specifications

LF50CDT-TRY - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	Fixed
Voltage Dropout (Max)	1.3V @ 500mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	5V	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	Automotive, AEC-Q100	Current - Quiescent (Iq)	2 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	LF50
PSRR	76dB ~ 60dB (120Hz ~ 10kHz)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics LF50CDT-TRY

Product Attribute				
Part Number	LF50CDT-TRY	LF50ABV	LF50CDT	LF50ABPT-TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Current - Supply (Max)	12 mA	12 mA	12 mA	12 mA
Voltage - Output (Min/Fixed)	5V	5V	5V	5V
Current - Output	500mA	500mA	500mA	500mA
PSRR	76dB ~ 60dB (120Hz ~ 10kHz)	76dB ~ 60dB (120Hz ~ 10kHz)	76dB ~ 60dB (120Hz ~ 10kHz)	76dB ~ 60dB (120Hz ~ 10kHz)
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-220-3	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Base Product Number	LF50	LF50	LF50	LF50
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Current - Quiescent (Iq)	2 mA	1 mA	1 mA	1 mA
Output Type	Fixed	Fixed	Fixed	Fixed
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Voltage Dropout (Max)	1.3V @ 500mA	0.7V @ 500mA	0.7V @ 500mA	0.7V @ 500mA
Output Configuration	Positive	Positive	Positive	Positive
Supplier Device Package	DPAK	TO-220	DPAK	PPAK
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Voltage - Input (Max)	16V	16V	16V	16V
Control Features	-	-	-	Enable
Series	Automotive, AEC-Q100	-	-	-
Number of Regulators	1	1	1	1
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Voltage - Output (Max)	-	-	-	-

LF50CDT-TRY Datasheet PDF

Download LF50CDT-TRY pdf datasheets and STMicroelectronics documentation for LF50CDT-TRY - STMicroelectronics.

PCN Packaging

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

PCN Obsolescence/ EOL





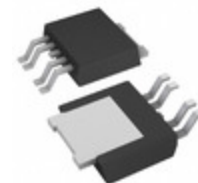




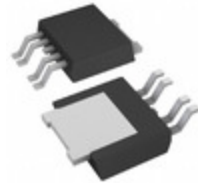


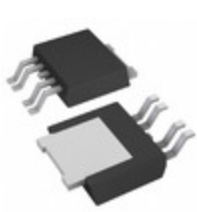





[EOL Notice 9/Nov/2022.pdf](#)



Mult Dev 08/Mar/2021.pdf

Customers Also Interested in

Recommended Products

					
LF50ABV STMicroelectronics IC REG LINEAR 5V 500MA TO220AB	LF50CDT STMicroelectronics IC REG LINEAR 5V 500MA DPAK	LF50BDT STMicroelectronics	LF50CDT-TR MOS STMicroelectronics	LF50ABPT-TR STMicroelectronics IC REG LINEAR 5V 500MA PPAK	LF50CV-DG STMicroelectronics IC REG LINEAR 5V 500MA TO220
					
LF50CP STMicroelectronics IC REG LINEAR 5V 500MA TO220FP	LF50CPT-TR MOS STMicroelectronics	LF50CDT-TR/LF50 STMicroelectronics	LF50ABPT STMicroelectronics IC REG LINEAR 5V 500MA PPAK	LF50CV STMicroelectronics IC REG LINEAR 5V 500MA TO220AB	LF50ABV-DG STMicroelectronics IC REG LINEAR 5V 500MA TO220
					
LF50CPT STMicroelectronics IC REG LINEAR 5V 500MA PPAK	LF50ACP STMicroelectronics IC REG LINEAR 5V 500MA TO220FP	LF510-S LEM USA, Inc. IGBT Module	LF50CDT-TR STMicroelectronics IC REG LINEAR 5V 500MA DPAK	LF50CPT-TRY STMicroelectronics IC REG LINEAR 5V 500MA PPAK	LF50CPT-TR STMicroelectronics IC REG LINEAR 5V 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.

	
Phone +00852 9146 4856	Email info@allelco.com

Certifications & Memberships



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Contact us

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