



Image may be representation.
See specifications for product details.



LF25CDT

Manufacturer Part Number	LF25CDT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-LF25CDT
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR 2.5V 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

LF25CDT - STMicroelectronics.New Original in Stock. Download Linear Technology LF25CDT datasheet/specifications on AllelcoElec.com.
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Specifications

LF25CDT Tech Specifications

LF25CDT - 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)	2.5V	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	-	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	Tube	Base Product Number	LF25
PSRR	82dB ~ 65dB (120Hz ~ 10kHz)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics LF25CDT

Product Attribute				
Part Number	LF25CDT	LF25ABDT	LF25ABDT-TR	LF27CDT-TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Current - Supply (Max)	12 mA	12 mA	12 mA	12 mA
Voltage - Output (Max)	-	-	-	-
Output Type	Fixed	Fixed	Fixed	Fixed
Number of Regulators	1	1	1	1
PSRR	82dB ~ 65dB (120Hz ~ 10kHz)	82dB ~ 65dB (120Hz ~ 10kHz)	82dB ~ 65dB (120Hz ~ 10kHz)	82dB ~ 65dB (120Hz ~ 10kHz)
Supplier Device Package	DPAK	DPAK	DPAK	DPAK
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
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)	2.5V	2.5V	2.5V	2.7V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Output	500mA	500mA	500mA	500mA
Voltage - Input (Max)	16V	16V	16V	16V
Current - Quiescent (Iq)	1 mA	1 mA	1 mA	1 mA
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Base Product Number	LF25	LF25	LF25	LF27
Control Features	-	-	-	-
Voltage Dropout (Max)	0.7V @ 500mA	0.7V @ 500mA	0.7V @ 500mA	0.7V @ 500mA
Series	-	-	-	-
Package	Tube	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Output Configuration	Positive	Positive	Positive	Positive

LF25CDT Datasheet PDF








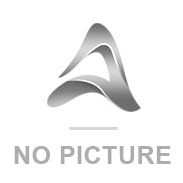

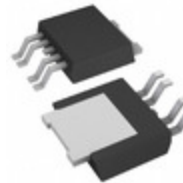





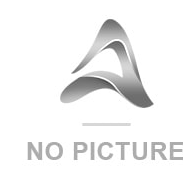
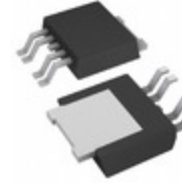

Download LF25CDT pdf datasheets and STMicroelectronics documentation for LF25CDT - STMicroelectronics.

Datasheets

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

					
LF25ABDT STMicroelectronics IC REG LINEAR 2.5V 500MA DPAK	LF25ABDT-TR STMicroelectronics IC REG LINEAR 2.5V 500MA DPAK	LF27CDT-TR STMicroelectronics IC REG LINEAR 2.7V 500MA DPAK	LF256N STMicroelectronics	LF257DT STMicroelectronics	LF25AB MOS STMicroelectronics
					
LF25CPT STMicroelectronics IC REG LINEAR 2.5V 500MA PPAK	LF28F640BFN N/A	LF25ABV STMicroelectronics IC REG LINEAR 2.5V 500MA TO220AB	LF25ABPT-TR STMicroelectronics IC REG LINEAR 2.5V 500MA PPAK	LF25ABDT-TR MOS STMicroelectronics	LF25CV STMicroelectronics IC REG LINEAR 2.5V 500MA TO220AB
					
LF257N NS	LF25CDT-TR STMicroelectronics IC REG LINEAR 2.5V 500MA DPAK	LF27ABDT STMicroelectronics IC REG LINEAR 2.7V 500MA DPAK	LF257H NS	LF25CPT-TR STMicroelectronics IC REG LINEAR 2.5V 500MA PPAK	LF27CDT STMicroelectronics IC REG LINEAR 2.7V 500MA DPAK

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:



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