



Image may be representation.
See specifications for product details.



LD1086D2T12TR

Manufacturer Part Number	LD1086D2T12TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-LD1086D2T12TR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG LINEAR 12V 1.5A D2PAK
Package	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Data sheet	LD1086.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

LD1086D2T12TR - STMicroelectronics.New Original in Stock. Download Linear Technology LD1086D2T12TR datasheet/specifications on AllelcoElec.com.
Request a quote for LD1086D2T12TR, please send us email: info@allelco.com

Specifications

LD1086D2T12TR Tech Specifications
LD1086D2T12TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	PSRR	71dB (120Hz)
Voltage Dropout (Max)	1.5V @ 1.5A	Output Type	Fixed
Voltage - Output (Min/Fixed)	12V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	30V	Number of Regulators	1
Supplier Device Package	D2PAK	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	10 mA
Protection Features	Over Current, Over Temperature	Current - Output	1.5A
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	LD1086

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics LD1086D2T12TR

Product Attribute				
Part Number	LD1086D2T12TR	LD1086D2T18TR	LD1086D2M33	LD1086D2T50TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Current - Quiescent (Iq)	10 mA	10 mA	10 mA	10 mA
Voltage - Output (Max)	-	-	-	-
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-4, D ² Pak (3 Leads + Tab), TO-263AA	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Output Type	Fixed	Fixed	Fixed	Fixed
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Supplier Device Package	D2PAK	D2PAK	D2PAK-3	D2PAK
Output Configuration	Positive	Positive	Positive	Positive
Control Features	-	-	-	-
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Regulators	1	1	1	1
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Voltage - Output (Min/Fixed)	12V	1.8V	3.3V	5V
PSRR	71dB (120Hz)	82dB (120Hz)	79dB (120Hz)	75dB (120Hz)
Base Product Number	LD1086	LD1086	LD1086	LD1086
Voltage - Input (Max)	30V	30V	30V	30V
Voltage Dropout (Max)	1.5V @ 1.5A	1.5V @ 1.5A	1.5V @ 1.5A	1.5V @ 1.5A
Current - Output	1.5A	1.5A	1.5A	1.5A

LD1086D2T12TR Datasheet PDF

Download LD1086D2T12TR pdf datasheets and STMicroelectronics documentation for LD1086D2T12TR - STMicroelectronics.

PCN Design/Specification

D2PAK Lead Modification 04/Oct/2013.pdf

HTML Datasheet

LD1086.pdf

PCN Obsolescence/ EOL



Customers Also Interested in

Recommended Products



LD1086D2T18TR
STMicroelectronics
IC REG LINEAR 1.8V 1.5A D2PAK



LD1086D2M50TR
STMicroelectronics



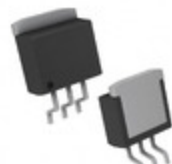
LD1086D2M33
STMicroelectronics
IC REG LINEAR 3.3V 1.5A D2PAK-3



LD1086D2T50TR
STMicroelectronics
IC REG LINEAR 5V 1.5A D2PAK



LD1086D2M25TR
STMicroelectronics



LD1086D2MTR
STMicroelectronics
IC REG LINEAR POS ADJ 1.5A D2PAK



LD1086D2T33TR
STMicroelectronics
IC REG LINEAR 3.3V 1.5A D2PAK



LD1086D2TTR
STMicroelectronics
IC REG LINEAR POS ADJ 1.5A D2PAK



LD1086D2T33
STMicroelectronics
IC REG LINEAR 3.3V 1.5A D2PAK



LD1086D2T18TR-E
STMicroelectronics



LD1086D2M80
STMicroelectronics



LD1086D2M18
STMicroelectronics



LD1086D2T25
STMicroelectronics



LD1086D2M33TR
STMicroelectronics
IC REG LINEAR 3.3V 1.5A D2PAK-3



LD1086D2M-TR
STMicroelectronics



LD1086D2M18TR
STMicroelectronics
IC REG LINEAR 1.8V 1.5A D2PAK-3



LD1086D2T25TR
STMicroelectronics
IC REG LINEAR 2.5V 1.5A D2PAK



LD1086D2T15R
STMicroelectronics
IC REG LINEAR 1.5V 1.5A D2PAK

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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