



Image may be representation.
See specifications for product details.



LD2981ABM33TR

Manufacturer Part Number	LD2981ABM33TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-LD2981ABM33TR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG LINEAR 3.3V 100MA SOT23-5
Package	SC-74A, SOT-753
Data sheet	LD2981(AB,C)xx.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

LD2981ABM33TR - STMicroelectronics.New Original in Stock. Download Linear Technology LD2981ABM33TR datasheet/specifications on AllelcoElec.com.
Request a quote for LD2981ABM33TR, please send us email: info@allelco.com

Specifications

LD2981ABM33TR Tech Specifications
LD2981ABM33TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	Fixed
Voltage Dropout (Max)	0.375V @ 100mA	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	SOT-23-5	Current - Supply (Max)	2.6 mA
Series	-	Current - Quiescent (Iq)	150 µA
Protection Features	Over Current, Over Temperature	Current - Output	100mA
Package / Case	SC-74A, SOT-753	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	LD2981
PSRR	63dB (1kHz)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics LD2981ABM33TR

Product Attribute				
Part Number	LD2981ABM33TR	LD2981ABM25TR	LD2981ABM30TR	LD2981ABM50TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage - Input (Max)	16V	16V	16V	16V
Number of Regulators	1	1	1	1
Base Product Number	LD2981	LD2981	LD2981	LD2981
Package / Case	SC-74A, SOT-753	SC-74A, SOT-753	SC-74A, SOT-753	SC-74A, SOT-753
Voltage - Output (Min/Fixed)	3.3V	2.5V	3V	5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Configuration	Positive	Positive	Positive	Positive
Series	-	-	-	-
PSRR	63dB (1kHz)	63dB (1kHz)	63dB (1kHz)	63dB (1kHz)
Supplier Device Package	SOT-23-5	SOT-23-5	SOT-23-5	SOT-23-5
Output Type	Fixed	Fixed	Fixed	Fixed
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Current - Quiescent (Iq)	150 µA	150 µA	150 µA	150 µA
Current - Supply (Max)	2.6 mA	2.6 mA	2.6 mA	2.6 mA
Current - Output	100mA	100mA	100mA	100mA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage Dropout (Max)	0.375V @ 100mA	0.375V @ 100mA	0.375V @ 100mA	0.375V @ 100mA
Voltage - Output (Max)	-	-	-	-
Control Features	Enable	Enable	Enable	Enable

LD2981ABM33TR Datasheet PDF

Download LD2981ABM33TR pdf datasheets and STMicroelectronics documentation for LD2981ABM33TR - STMicroelectronics.

PCN Packaging

[Moisture Barrier Bag 09/May/2016.pdf](#)

[Box Label Chg 28/Jul/2016.pdf](#)

PCN Assembly/Origin

[New Lead-Frame 01/Sep/2020.pdf](#)



LD2981(AB,C)xx.pdf

Customers Also Interested in

Recommended Products

**LD2981ABM25TR**STMicroelectronics
IC REG LINEAR 2.5V 100MA SOT23-5**LD2981ABM30TR**STMicroelectronics
IC REG LINEAR 3V 100MA SOT23-5**LD2981ABM25R/LPD**

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**LD2981ABM50TR**STMicroelectronics
IC REG LINEAR 5V 100MA SOT23-5**LD2981ABU50TR**STMicroelectronics
IC REG LINEAR 5V 100MA SOT89-3**LD2981ABM25R/2PD**

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**LD2981ABU33TRG2**

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**LD2980CU18TR**STMicroelectronics
IC REG LINEAR 1.8V 50MA SOT89-3**LD2981ABU50**

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**LD2981ABM25R/VM1**

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**LD2981CM18TR**STMicroelectronics
IC REG LINEAR 1.8V 100MA SOT23-5**LD2981ABM40TR**

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**LD2981CM30TR**STMicroelectronics
IC REG LINEAR 3V 100MA SOT23-5**LD2980CM50TR**STMicroelectronics
IC REG LINEAR 5V 50MA SOT23-5**LD2980CU50TR**STMicroelectronics
IC REG LINEAR 5V 50MA SOT89-3**LD2981ABM28TR**

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**LD2981ABU33TR**STMicroelectronics
IC REG LINEAR 3.3V 100MA SOT89-3**LD2981ABU25TR**

STMicroelectronics

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

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com