



Image may be representation.
See specifications for product details.



L4963D013TR

Manufacturer Part Number	L4963D013TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L4963D013TR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG BUCK ADJUSTABLE 1.5A 20SO
Package	20-SOIC (0.295", 7.50mm Width)
Data sheet	L4963(D).pdf
RoHs Status	ROHS3 Compliant

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Specifications

L4963D013TR Tech Specifications

L4963D013TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	5.1V	Output Type	Adjustable
Voltage - Output (Max)	36V	Output Configuration	Positive
Voltage - Input (Min)	9V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Input (Max)	46V	Number of Outputs	1
Topology	Buck	Mounting Type	Surface Mount
Synchronous Rectifier	No	Function	Step-Down
Supplier Device Package	20-SO	Frequency - Switching	42kHz ~ 83kHz
Series	-	Current - Output	1.5A
Package / Case	20-SOIC (0.295", 7.50mm Width)	Base Product Number	L4963

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L4963D013TR

Product Attribute				
Part Number	L4963D013TR	L4962EH/A	L4970A	L4972A
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package / Case	20-SOIC (0.295", 7.50mm Width)	Heptawatt-7 (Horizontal, Bent and Staggered Leads)	Multiwatt-15 (Vertical, Bent and Staggered Leads)	20-DIP (0.300", 7.62mm)
Package	Tape & Reel (TR)	Tube	Tube	Tube
Supplier Device Package	20-SO	7-HEPTAWATT	15-Multiwatt	20-PowerDIP
Voltage - Output (Min/Fixed)	5.1V	5.1V	5.1V	5.1V
Series	-	-	-	-
Number of Outputs	1	1	1	1
Voltage - Input (Min)	9V	9V	15V	15V
Voltage - Input (Max)	46V	46V	50V	50V
Frequency - Switching	42kHz ~ 83kHz	100kHz	200kHz	100kHz ~ 200kHz
Voltage - Output (Max)	36V	40V	40V	40V
Base Product Number	L4963	L4962	L4970	L4972
Synchronous Rectifier	No	No	No	No
Output Configuration	Positive	Positive	Positive	Positive
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Current - Output	1.5A	1.5A	10A	2A
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Topology	Buck	Buck	Buck	Buck
Mounting Type	Surface Mount	Through Hole	Through Hole	Through Hole
Function	Step-Down	Step-Down	Step-Down	Step-Down

L4963D013TR Datasheet PDF

Download L4963D013TR pdf datasheets and STMicroelectronics documentation for L4963D013TR - STMicroelectronics.

PCN Packaging

[Material Barrier Bag 17/Dec/2020.pdf](#)

[CRP/14/8400 20/Mar/2014.pdf](#)



















PCN Assembly/Origin

[Mult Devices 19/Jun/2018.pdf](#)

HTML Datasheet

Customers Also Interested in

Recommended Products

 L4962EA STMicroelectronics	 L4962EH/A STMicroelectronics IC REG BUCK ADJ 1.5A 7HEPTAWATT	 L4962A STMicroelectronics	 L4970A STMicroelectronics IC REG BUCK ADJ 10A 15MULTIWATT	 L4962EH STMicroelectronics	 L4969URTR-E STMicroelectronics IC INTFACE SPECIALIZED 20PWR5OIC
 L4969URD STMicroelectronics IC INTERFACE SPECIALIZED 20SO	 L4969URDTR-E STMicroelectronics IC INTERFACE SPECIALIZED 20SO	 L4972A STMicroelectronics IC REG BUCK ADJUSTABLE 2A 20DIP	 L4971D STMicroelectronics IC REG BUCK ADJ 1.5A 16SOIC	 L4960H STMicroelectronics IC REG BUCK ADJ 2.5A 7HEPTAWATT	 L4962E STMicroelectronics
 L4964HT STMicroelectronics IC REG BUCK ADJ 4A 15MULTIWATT	 L4971D013TR STMicroelectronics IC REG BUCK ADJ 1.5A 16SOIC	 L4962/A STMicroelectronics IC REG BUCK ADJ 1.5A 16DIP	 L4962E/A STMicroelectronics IC REG BUCK ADJ 1.5A 7HEPTAWATT	 L4969URTR STMicroelectronics IC INTFACE SPECIALIZED 20PWR5OIC	 L4963W STMicroelectronics IC REG BUCK ADJ 1.5A 18DIP

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 Alleco 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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