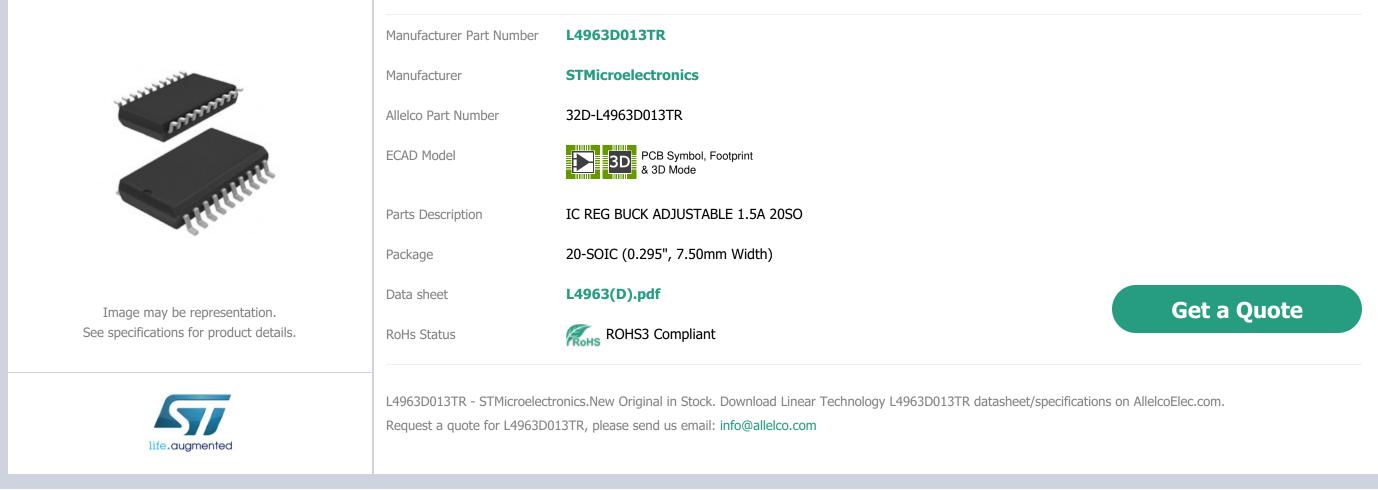


# L4963D013TR



# **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	anna anna anna anna anna anna anna ann			
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

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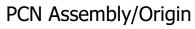
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## L4963D013TR Datasheet PDF

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

## PCN Packaging





Mult Devices 19/Jun/2018.pdf

## HTML Datasheet

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## **Customers Also Interested in**

### **Recommended Products**



L4962EA STMicroelectronics



IC REG BUCK ADJ 1.5A 7HEPTAWATT



L4969URD

STMicroelectronics IC INTERFACE SPECIALIZED 20SO



L4969URDTR-E

STMicroelectronics IC INTERFACE SPECIALIZED 20SO



L4962A

STMicroelectronics



L4972A STMicroelectronics IC REG BUCK ADJUSTABLE 2A 20DIP



**L4970A** STMicroelectronics

IC REG BUCK ADJ 10A 15MULTIWATT



L4971D STMicroelectronics IC REG BUCK ADJ 1.5A 16SOIC



L4962EH

STMicroelectronics



L4969URTR-E

STMicroelectronics IC INTFACE SPECIALIZED 20PWRSOIC



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



L4960H

STMicroelectronics

IC REG BUCK ADJ 2.5A 7HEPTAWATT

L4969URTR

STMicroelectronics IC INTFACE SPECIALIZED 20PWRSOIC



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 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		
America	Brazil	7		
	Germany	5		
Europe	United Kingdom	4		
	Italy	5		
Oceania	Australia	6		
Oceania	New Zealand	7		
Asia	India	6		
noia	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

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### Contact us if you have any questions.



## Certifications & Memberships







**Phone** +00852 9146 4856 Email info@allelco.com

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