

Image may be representation.  
See specifications for product details.



## L7985TR

Manufacturer Part Number	<b>L7985TR</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-L7985TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG BUCK ADJUSTABLE 2A
Package	10-VDFN Exposed Pad
Data sheet	<b>L7985.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

L7985TR - STMicroelectronics.New Original in Stock. Download Linear Technology L7985TR datasheet/specifications on AllelcoElec.com.  
Request a quote for L7985TR, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

L7985TR Tech Specifications

L7985TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	Adjustable
Voltage - Output (Min/Fixed)	0.6V	Output Configuration	Positive
Voltage - Output (Max)	38V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Input (Min)	4.5V	Number of Outputs	1
Voltage - Input (Max)	38V	Mounting Type	Surface Mount
Topology	Buck	Function	Step-Down
Synchronous Rectifier	No	Frequency - Switching	250kHz ~ 1MHz
Series	-	Current - Output	2A
Package / Case	10-VDFN Exposed Pad	Base Product Number	L7985
Package	Tape & Reel (TR)		

## Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L7985TR

Product Attribute				
Part Number	L7985TR	L7981TR	L7981A	L7986TA
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
Topology	Buck	Buck	Buck	Buck
Number of Outputs	1	1	1	1
Output Configuration	Positive	Positive	Positive	Positive
Package / Case	10-VDFN Exposed Pad	8-VDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width) Exposed Pad	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Current - Output	2A	3A	3A	3A
Voltage - Output (Max)	38V	28V	28V	38V
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Function	Step-Down	Step-Down	Step-Down	Step-Down
Series	-	-	-	-
Frequency - Switching	250kHz ~ 1MHz	250kHz ~ 1MHz	250kHz ~ 1MHz	250kHz ~ 1MHz
Base Product Number	L7985	L7981	L7981	L7986
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Synchronous Rectifier	No	No	No	No
Voltage - Input (Min)	4.5V	4.5V	4.5V	4.5V
Voltage - Input (Max)	38V	28V	28V	38V
Voltage - Output (Min/Fixed)	0.6V	0.6V	0.6V	0.6V

## L7985TR Datasheet PDF

Download L7985TR pdf datasheets and STMicroelectronics documentation for L7985TR - STMicroelectronics.

### PCN Packaging

Material Barrier Bag 17/Dec/2020.pdf

CRP/14/8400 20/Mar/2014.pdf

### HTML Datasheet

L7985.pdf

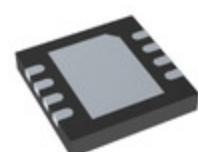
### PCN Design/Specification

IPD-IPC/13/7674 28/Nov/2014.pdf

 Assembly Site 19/Jan/2023.pdf

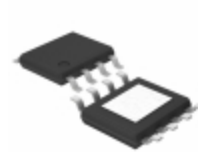
## Customers Also Interested in

### Recommended Products



**L7981TR**

STMicroelectronics  
IC REG BUCK ADJ 3A 8V FQFPN



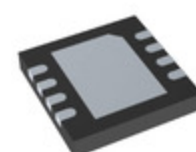
**L7981A**

STMicroelectronics  
IC REG BUCK ADJUSTABLE 3A 8HSOP



**L7986TA**

STMicroelectronics  
IC REG BUCK ADJUSTABLE 3A 8HSOP



**L7980TR**

STMicroelectronics  
IC REG BUCK ADJ 2A 8V FQFPN



**L79L05**

HGF



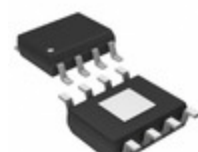
**L7987LTR**

STMicroelectronics  
IC REG BUCK ADJ 2A 16HTSSOP



**L7924CN**

STMicroelectronics



**L7986TATR**

STMicroelectronics  
IC REG BUCK ADJUSTABLE 3A 8HSOP



**L7987L**

STMicroelectronics  
IC REG BUCK ADJ 2A 16HTSSOP



**L7986TR**

STMicroelectronics  
IC REG BUCK ADJUSTABLE 3A



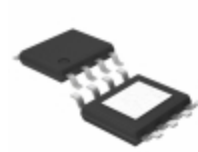
**L7924CV**

STMicroelectronics  
IC REG LINEAR -24V 1.5A TO220AB



**L7980ATR**

STMicroelectronics  
IC REG BUCK ADJUSTABLE 2A 8HSOP



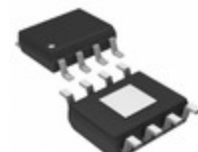
**L7981ATR**

STMicroelectronics  
IC REG BUCK ADJUSTABLE 3A 8HSOP



**L7985ATR**

STMicroelectronics  
IC REG BUCK ADJUSTABLE 2A 8HSOP



**L7986ATR**

STMicroelectronics  
IC REG BUCK ADJUSTABLE 3A 8HSOP



**L7985A**

STMicroelectronics  
IC REG BUCK ADJUSTABLE 2A 8HSOP



**L7987TR**

STMicroelectronics  
IC REG BUCK ADJ 3A 16HTSSOP



**L7986A**

STMicroelectronics  
IC REG BUCK ADJUSTABLE 3A 8HSOP

## 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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