

Image may be representation.
See specifications for product details.



L7987TR

Manufacturer Part Number	L7987TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L7987TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG BUCK ADJ 3A 16HTSSOP
Package	16-TSSOP (0.173", 4.40mm Width) Exposed Pad
Data sheet	L7987.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

L7987TR - STMicroelectronics.New Original in Stock. Download Linear Technology L7987TR datasheet/specifications on AllelcoElec.com.
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Specifications

L7987TR Tech Specifications

L7987TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	0.8V	Output Type	Adjustable
Voltage - Output (Max)	61V	Output Configuration	Positive
Voltage - Input (Min)	4.5V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Input (Max)	61V	Number of Outputs	1
Topology	Buck	Mounting Type	Surface Mount
Synchronous Rectifier	No	Function	Step-Down
Supplier Device Package	16-HTSSOP	Frequency - Switching	250kHz ~ 1.5MHz
Series	-	Current - Output	3A
Package / Case	16-TSSOP (0.173", 4.40mm Width) Exposed Pad	Base Product Number	L7987

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L7987TR

Product Attribute				
Part Number	L7987TR	L7985ATR	L7987LTR	L7986ATR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Input (Min)	4.5V	4.5V	4.5V	4.5V
Current - Output	3A	2A	2A	3A
Output Configuration	Positive	Positive	Positive	Positive
Voltage - Output (Min/Fixed)	0.8V	0.6V	0.8V	0.6V
Synchronous Rectifier	No	No	No	No
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	16-TSSOP (0.173", 4.40mm Width) Exposed Pad	8-SOIC (0.154", 3.90mm Width) Exposed Pad	16-TSSOP (0.173", 4.40mm Width) Exposed Pad	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Function	Step-Down	Step-Down	Step-Down	Step-Down
Series	-	-	-	-
Topology	Buck	Buck	Buck	Buck
Supplier Device Package	16-HTSSOP	8-HSOP	16-HTSSOP	8-HSOP
Voltage - Input (Max)	61V	38V	61V	38V
Frequency - Switching	250kHz ~ 1.5MHz	250kHz ~ 1MHz	250kHz ~ 1.5MHz	250kHz ~ 1MHz
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Voltage - Output (Max)	61V	38V	61V	38V
Base Product Number	L7987	L7985	L7987	L7986
Number of Outputs	1	1	1	1

L7987TR Datasheet PDF

Download L7987TR pdf datasheets and STMicroelectronics documentation for L7987TR - STMicroelectronics.

PCN Packaging

Material Barrier Bag 17/Dec/2020.pdf

PCN Assembly/Origin

Introduction of subcontractor 06/Sep/2021.pdf

HTML Datasheet

Customers Also Interested in

Recommended Products



L7985ATR

STMicroelectronics
IC REG BUCK ADJUSTABLE 2A
8HSOP



L79L05ABZ

STMicroelectronics
IC REG LINEAR -5V 100MA TO92-3



L7987LTR

STMicroelectronics
IC REG BUCK ADJ 2A 16HTSSOP



L79L05ABZ-AP

STMicroelectronics
IC REG LINEAR -5V 100MA TO92-3



L79L05ABD13TR

STMicroelectronics
IC REG LINEAR -5V 100MA 8SO



L79L05

HGF



L79L05ACD13TR

STMicroelectronics
IC REG LINEAR -5V 100MA 8SO



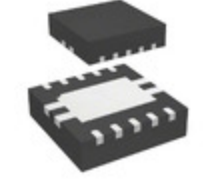
L7986ATR

STMicroelectronics
IC REG BUCK ADJUSTABLE 3A
8HSOP



L7985TR

STMicroelectronics
IC REG BUCK ADJUSTABLE 2A



L7986TR

STMicroelectronics
IC REG BUCK ADJUSTABLE 3A



L7986A

STMicroelectronics
IC REG BUCK ADJUSTABLE 3A
8HSOP



L79L05ACD

STMicroelectronics
IC REG LINEAR -5V 100MA 8SO



L7986TA

STMicroelectronics
IC REG BUCK ADJUSTABLE 3A
8HSOP



L7985A

STMicroelectronics
IC REG BUCK ADJUSTABLE 2A
8HSOP



L79L05ABUTR

STMicroelectronics
IC REG LINEAR -5V 100MA SOT89-3



L7987L

STMicroelectronics
IC REG BUCK ADJ 2A 16HTSSOP



L79L05ABD

STMicroelectronics
IC REG LINEAR -5V 100MA 8SO



L7986TATR

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

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Email

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Certifications & Memberships



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