



Image may be representation.
See specifications for product details.



L9960T-TR

Manufacturer Part Number	L9960T-TR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L9960T-TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC HALF BRIDGE DRIVER PWRSSO36
Package	36-PowerBFSOP (0.295", 7.50mm Width)
Data sheet	L9960(T).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

L9960T-TR - STMicroelectronics.New Original in Stock. Download Linear Technology L9960T-TR datasheet/specifications on AllelcoElec.com.
Request a quote for L9960T-TR, please send us email: info@allelco.com

Specifications

L9960T-TR Tech Specifications

L9960T-TR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 170°C (TJ)
Voltage - Supply	4.5V ~ 5.5V	Mounting Type	Surface Mount
Voltage - Load	4.5V ~ 28V	Load Type	Inductive, Capacitive, Resistive
Technology	Power MOSFET	Interface	SPI
Supplier Device Package	PowerSSO-36 EPD	Features	Slew Rate Controlled
Series	Automotive, AEC-Q100	Fault Protection	Over Temperature, Short Circuit
Rds On (Typ)	400mOhm LS + HS	Current - Peak Output	-
Package / Case	36-PowerBFSOP (0.295", 7.50mm Width)	Current - Output / Channel	-
Package	Tape & Reel (TR)	Base Product Number	L9960
Output Configuration	Half Bridge (2)	Applications	General Purpose

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L9960T-TR

Product Attribute				
Part Number	L9960T-TR	L9959U-TR-D	L9959T-TR-D	L9960TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Series	Automotive, AEC-Q100	-	-	Automotive, AEC-Q100
Package / Case	36-PowerBFSOP (0.295", 7.50mm Width)	36-PowerFSOP (0.295", 7.50mm Width)	36-PowerFSOP (0.295", 7.50mm Width)	36-PowerBFSOP (0.295", 7.50mm Width)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Output / Channel	-	3A	3A	-
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Current - Peak Output	-	-	-	-
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V
Interface	SPI	SPI	SPI	SPI
Base Product Number	L9960	L9959	L9959	L9960
Output Configuration	Half Bridge (2)	Half Bridge (2)	Half Bridge (2)	Half Bridge (2)
Load Type	Inductive, Capacitive, Resistive	Inductive, Capacitive, Resistive	Inductive, Capacitive, Resistive	Inductive, Capacitive, Resistive
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Technology	Power MOSFET	PMOS	PMOS	Power MOSFET
Supplier Device Package	PowerSSO-36 EPD	PowerSSO-36 EPD	PowerSSO-36 EPD	PowerSSO-36 EPD
Voltage - Load	4.5V ~ 28V	5V ~ 28V	5V ~ 28V	4.5V ~ 28V
Fault Protection	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit
Rds On (Typ)	400mOhm LS + HS	-	-	400mOhm LS + HS
Features	Slew Rate Controlled	-	-	Slew Rate Controlled
Operating Temperature	-40°C ~ 170°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 170°C (TJ)

L9960T-TR Datasheet PDF

Download L9960T-TR pdf datasheets and STMicroelectronics documentation for L9960T-TR - STMicroelectronics.

PCN Packaging

Material Barrier Bag 17/Dec/2020.pdf

PCN Assembly/Origin

Mult Devices Testing 10/May/2018.pdf

HTML Datasheet

Customers Also Interested in

Recommended Products



L9959T
STMicroelectronics



L9997ND
STMicroelectronics



L9997D013TR
STMicroelectronics



L9966C-TR
STMicroelectronics



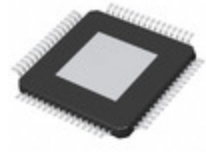
L9959U-TR-D
STMicroelectronics
IC HALF BRIDGE DRVR 3A
PWRSSO36



L9959S-D
STMicroelectronics



L9959T-TR
STMicroelectronics



L9963E-TR
STMicroelectronics
AUTOMOTIVE CHIP FOR BATTERY
MANA



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IC HALF BRIDGE DRVR 3A
PWRSSO36



L9960TR
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IC HALF BRIDGE DRIVER PWRSSO36



L9959S-TR-D
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IC HALF BRIDGE DRVR 3A PWRSSO-
24



L9959S-TR
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L995LPGC-D2
AMERI



L9960T
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IC HALF BRIDGE DRIVER PWRSSO36



L9966CB-TR
STMicroelectronics
FLEXINPUT IC FOR AUTOMOTIVE
APPL



L9997ND013TR
STMicroelectronics
IC MOTOR DRIVER 7V-16.5V 2050



L9959T-D
STMicroelectronics



L9997D
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

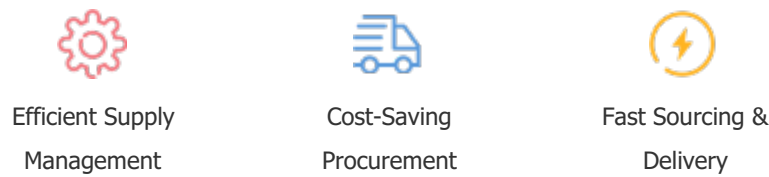
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

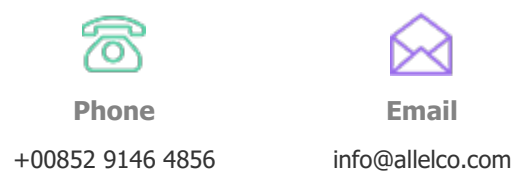
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



View More

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