



Image may be representation.
See specifications for product details.



L9958XPTR

Manufacturer Part Number	L9958XPTR
Manufacturer	STMicroelectronics
Allelco Part Number	32D-L9958XPTR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC MOTOR DRVR BIPOLAR 24POWERSO
Package	24-PowerBSOP (0.295", 7.50mm Width)
Data sheet	L9958.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

L9958XPTR - STMicroelectronics.New Original in Stock. Download Linear Technology L9958XPTR datasheet/specifications on AllelcoElec.com.
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Specifications

L9958XPTR Tech Specifications
L9958XPTR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Supply	4.5V ~ 5.5V	Mounting Type	Surface Mount
Voltage - Load	4V ~ 28V	Motor Type - Stepper	Bipolar
Technology	CMOS	Motor Type - AC, DC	Brushed DC
Supplier Device Package	PowerSSO-24	Interface	SPI
Step Resolution	-	Function	Driver - Fully Integrated, Control and Power Stage
Series	-	Current - Output	8.6A
Package / Case	24-PowerBSOP (0.295", 7.50mm Width)	Base Product Number	L9958
Package	Tape & Reel (TR)	Applications	General Purpose
Output Configuration	Half Bridge (2)		

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics L9958XPTR

Product Attribute				
Part Number	L9958XPTR	L9958XP	L9958TR	L9958SBTR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Interface	SPI	SPI	SPI	SPI
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Current - Output	8.6A	8.6A	8.6A	8.6A
Function	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage	Driver - Fully Integrated, Control and Power Stage
Output Configuration	Half Bridge (2)	Half Bridge (2)	Half Bridge (2)	Half Bridge (2)
Motor Type - AC, DC	Brushed DC	Brushed DC	Brushed DC	Brushed DC
Applications	General Purpose	General Purpose	General Purpose	General Purpose
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Step Resolution	-	-	-	-
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V
Base Product Number	L9958	L9958	L9958	L9958
Motor Type - Stepper	Bipolar	Bipolar	Bipolar	Bipolar
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Technology	CMOS	CMOS	CMOS	CMOS
Series	-	-	-	-
Voltage - Load	4V ~ 28V	4V ~ 28V	4V ~ 28V	4V ~ 28V
Package / Case	24-PowerBSOP (0.295", 7.50mm Width)	24-PowerBSOP (0.295", 7.50mm Width)	20-PowerSOIC (0.433", 11.00mm Width)	16-PowerBSOP (0.370", 9.40mm Width)
Supplier Device Package	PowerSSO-24	PowerSSO-24	PowerSO-20	PowerSO-16™

L9958XPTR Datasheet PDF

Download L9958XPTR pdf datasheets and STMicroelectronics documentation for L9958XPTR - STMicroelectronics.

PCN Packaging

Material Barrier Bag 17/Dec/2020.pdf

PCN Design/Specification

APG-PTS/14/8573 11/Jul/2014.pdf

L9958 Datasheet Update 18/Dec/2013.pdf

















HTML Datasheet

L9958.pdf

 L9958XP 20/Feb/2018.pdf

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L9959S-D STMicroelectronics	L9959T STMicroelectronics	L9954LXP STMicroelectronics	L9958XP STMicroelectronics IC MOTOR DRVR BIPOLAR 24PWRSSO	L9959S-TR-D STMicroelectronics IC HALF BRIDGE DRVR 3A PWRSSO- 24	L9954XPTR STMicroelectronics IC DVR DOOR ACTUATOR PWRSSO-36
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L9959T-D STMicroelectronics	L9959S-TR STMicroelectronics	L9954LXPTR STMicroelectronics IC PTS SMARTPOWER	L9954XP STMicroelectronics IC DVR DOOR ACTUATOR PWRSSO-36	L9959T-TR-D STMicroelectronics IC HALF BRIDGE DRVR 3A PWRSSO36	L9959T-TR STMicroelectronics
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L9959U-TR-D STMicroelectronics IC HALF BRIDGE DRVR 3A PWRSSO36	L9953XPTR STMicroelectronics IC DVR DOOR ACTUATOR PWRSSO-36	L9958TR STMicroelectronics IC MTRDRV BIPLR 4.5-5.5V 20PWRSO	L9959S STMicroelectronics	L9958SBTR STMicroelectronics IC MTRDRV BIPLR 4.5-5.5V 16PWRSO	L9958SB STMicroelectronics IC MTRDRV BIPLR 4.5-5.5V 16PWRSO

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
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Contact us if you have any questions.

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Certifications & Memberships



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