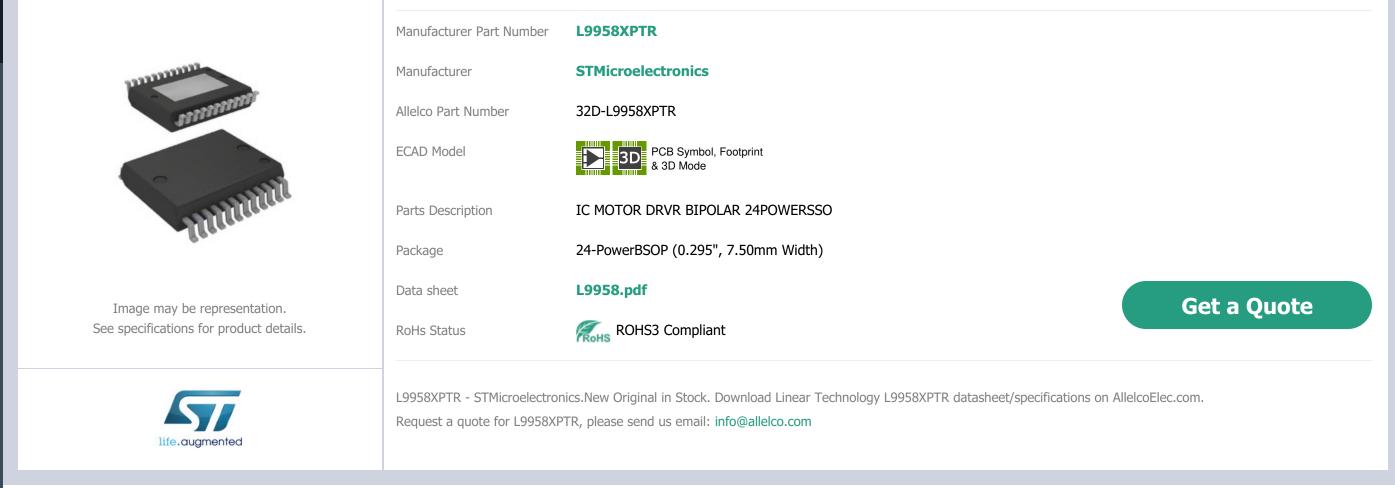


# L9958XPTR



# **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	annann Hildiddid	internet internet	life.augmented	All Hell
Part Number	L9958XPTR	L9958XP	L9958TR	L9958SBTR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Interface	SPI	SPI	SPI	SPI
Operating Temperature	-40°C ~ 150°C (TJ)			
Current - Output	8.6A	8.6A	8.6A	8.6A
Function	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

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Material Barrier Bag 17/Dec/2020.pdf

#### PCN Design/Specification



L9958 Datasheet Update 18/Dec/2013.pdf

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HTML Datasheet

#### PCN Assembly/Origin

2

L9958XP 20/Feb/2018.pdf

### **Customers Also Interested in**

#### **Recommended Products**



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L9959S-D STMicroelectronics

L9959T STMicroelectronics



L9954LXP

STMicroelectronics



L9958XP

STMicroelectronics IC MOTOR DRVR BIPOLAR 24POWERSSO



L9959S-TR-D

STMicroelectronics IC HALF BRIDGE DRVR 3A PWRSSO-24



**L9954XPTR** 

STMicroelectronics IC DVR DOOR ACTUATOR POWERSSO-36



L9959T-D

STMicroelectronics

L9959S-TR

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L9954LXPTR STMicroelectronics IC PTS SMARTPOWER



L9954XP

STMicroelectronics IC DVR DOOR ACTUATOR POWERSSO-36



L9959T-TR-D

STMicroelectronics IC HALF BRIDGE DRVR 3A PWRSSO36



L9959T-TR

STMicroelectronics



L9959U-TR-D STMicroelectronics

IC HALF BRIDGE DRVR 3A PWRSSO36



**L9953XPTR** STMicroelectronics IC DVR DOOR ACTUATOR POWERSSO-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



**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
Asia	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.

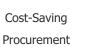


## Your Faithful Supply Chain Partner -

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Efficient Supply Management



Fast Sourcing & Delivery

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## Certifications & Memberships



Contact us if you have any questions.

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Phone	

+00852 9146 4856

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#### 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