

L9942XP1




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Part Number: [L9942XP1](#)

Manufacturer: [STMicroelectronics](#)

Description: IC MOTOR DRIVER SPI 24POWERSO

Data sheet:  [L9942](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

PRODUCT PARAMETER			
Part Number	L9942XP1	Manufacturer	STMicroelectronics
Description	IC MOTOR DRIVER SPI 24POWERSO	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	39047 pcs	Data sheet	L9942
Category	Integrated Circuits (ICs)	Voltage - Supply	3 V ~ 5.3 V
Voltage - Load	7 V ~ 20 V	Technology	DMOS
Supplier Device Package	PowerSSO-24	Step Resolution	1, 1/2, 1/8, 1/16, 1/32
Series	-	Packaging	Tube
Package / Case	24-PowerBSOP (0.295", 7.50mm Width)	Output Configuration	Half Bridge (4)
Operating Temperature	-40°C ~ 150°C (TJ)	Mounting Type	Surface Mount
Motor Type - Stepper	Bipolar	Motor Type - AC, DC	-
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	30 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Interface	SPI
Function	Driver - Fully Integrated, Control and Power Stage	Detailed Description	Bipolar Motor Driver DMOS SPI PowerSSO-24
Current - Output	1.3A	Base Part Number	L9942
Applications	Automotive		
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	Part#: L9915 Description: IC IGBT SMART PWR DRIVER	Manufacturers: STMicroelectronics	RFQ
	Part#: L9945 Description: IC PTS SMART POWER	Manufacturers: STMicroelectronics	RFQ
	Part#: L9915A Description: IC IGBT SMART PWR DRIVER	Manufacturers: STMicroelectronics	RFQ
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