



STMicroelectronics

L9942XP1

Part Number:	L9942XP1
Manufacturer/Brand:	STMicroelectronics
Product description	IC MOTOR DRIVER SPI 24POWERSO
Datasheets:	 L9942XP1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	43724 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of L9942XP1

PART NUMBER	L9942XP1
MANUFACTURER	STMicroelectronics
DESCRIPTION	IC MOTOR DRIVER SPI 24POWERSO
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	43724 pcs
DATA SHEET	 L9942XP1.pdf
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)
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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