

STEPPER MOTOR DRIVER FOR AUTOMOTIVE RANGE, Motor / Motion Controllers & Drivers Dual Stepper Motor

Manufacturers	STMicroelectronics, Inc
Package/Case	SO-24
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for L6219DSA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

L6219DSA is a dual full-bridge motor driver IC (integrated circuit) manufactured by STMicroelectronics. It is designed to control the speed and direction of two DC motors or one stepper motor, making it suitable for a wide range of industrial, automotive, and consumer applications.

Features

Dual full-bridge driver: The IC has two independent H-bridge circuits that can drive two DC motors or one bipolar stepper motor.

Low power consumption: The device has a standby mode with very low power consumption, making it suitable for battery-powered applications.

Wide operating voltage range: The IC can operate on a supply voltage ranging from 8 to 52V.

Overcurrent protection: The device has built-in overcurrent protection and thermal shutdown to protect the motors and the IC from damage.

Adjustable current control: The device allows the user to set the maximum current for each motor, which can be adjusted using external resistors.

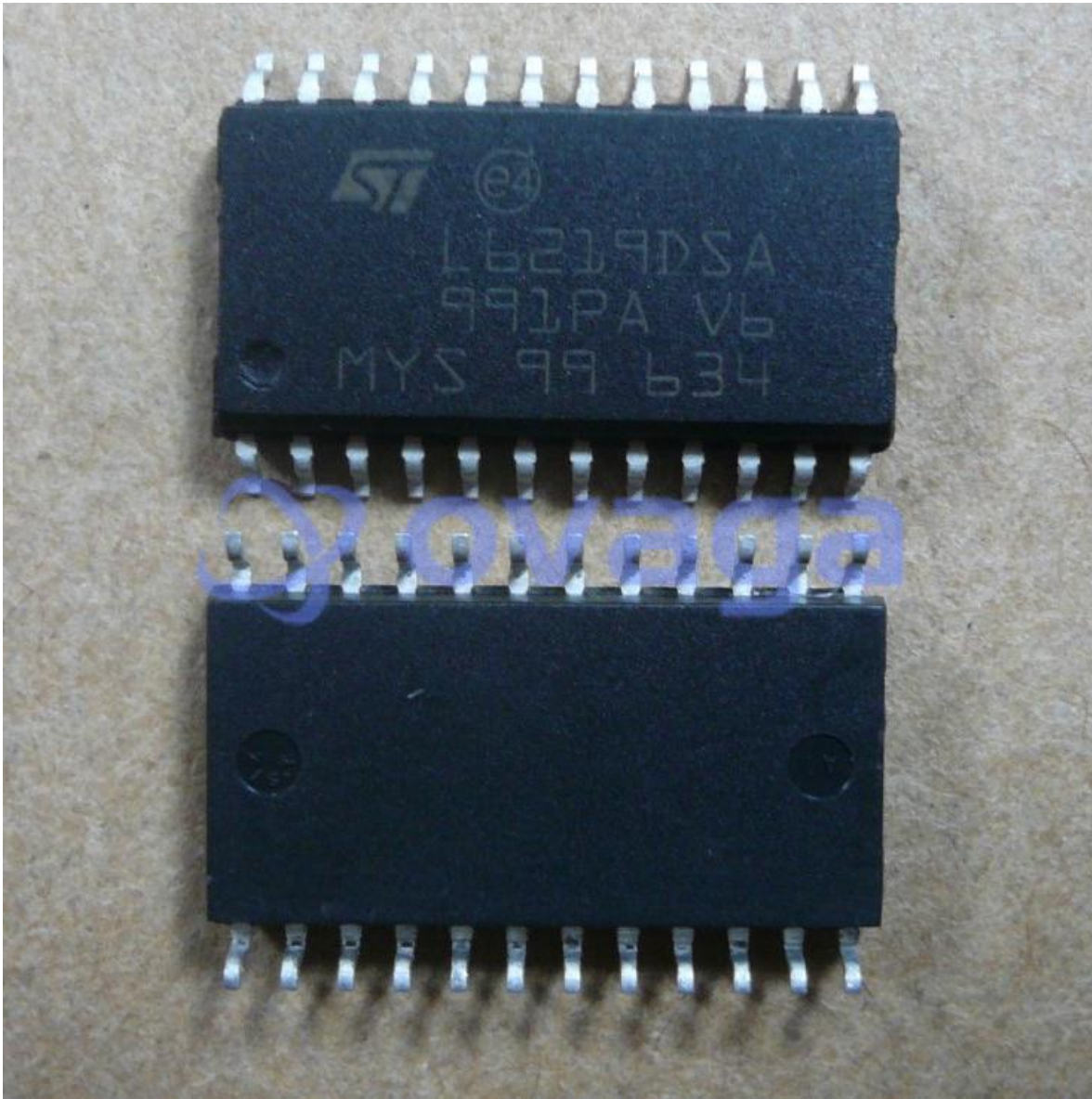
Application

Industrial automation: The device can be used in factory automation equipment, robotics, and other industrial applications that require precise motor control.

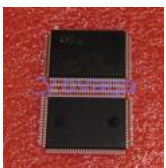
Automotive: The IC is commonly used in automotive applications such as power windows, door locks, and seat adjusters.

Consumer electronics: The device can be used in consumer electronics such as printers, scanners, and home appliances.





Related Products



[E-L6452](#)

STMicroelectronics, Inc
PQFP100



[L6207D](#)

STMicroelectronics, Inc
SO-24



[L6561D013TR](#)

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[L6258E](#)

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PowerSO-36



[L6230Q](#)

STMicroelectronics, Inc
VFQFPN-32



[L6228PD](#)

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SOP-36



L6228D

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SO-24



L6226Q

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QFN-32