


Dual Half Bridge Motor Driver 24V 20-Pin SO Tube

Manufacturer:	<u>STMicroelectronics, Inc</u>
Package/Case:	SOP20
Product Type:	Driver ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The Device is a monolithic integrated high voltage, high current four channel driver designed to accept standard DTL or TTL logic levels and drive inductive loads (such as relays solenoids, DC and stepping motors) and switching power transistors.

To simplify use as two bridges each pair of channels is equipped with an enable input. A separate supply input is provided for the logic, allowing operation at a lower voltage and internal clamp diodes are included.

This device is suitable for use in switching applications at frequencies up to 5 kHz.

The L293D is assembled in a 16 lead plastic package which has 4 center pins connected together and used for heatsinking

The L293DD is assembled in a 20 lead surface mount which has 8 center pins connected together and used for heatsinking.

Key Features

INTERNAL CLAMP DIODES

600mA OUTPUT CURRENT CAPABILITY PER CHANNEL

ENABLE FACILITY

1.2A PEAK OUTPUT CURRENT (non repetitive) PER CHANNEL

LOGICAL "0" INPUT VOLTAGE UP TO 1.5 V (HIGH NOISE IMMUNITY)

OVERTEMPERATURE PROTECTION



Recommended For You

L298N

STMicroelectronics, Inc

ZIP

L297D013TR

STMicroelectronics, Inc

SOP20

STMI831L24WY6F

STMicroelectronics, Inc

SOT23-5

L297D

STMicroelectronics, Inc

SOP20

LDBL20D-12R

STMicroelectronics, Inc

4-STSTAMP

L2293QIR

STMicroelectronics, Inc

QFN

LNBH23LQIR

STMicroelectronics, Inc

QFN

TL431CDT

STMicroelectronics, Inc

SOP8

L9651

STMicroelectronics, Inc

HSOP20

L6574D

STMicroelectronics, Inc

SOP16

STIS14PHR

STMicroelectronics, Inc

HSOP-8

L5950

STMicroelectronics, Inc

ZIP15

ST890CDR

STMicroelectronics, Inc

SOP-8

L6375S

STMicroelectronics, Inc

SOP8

L4974A

STMicroelectronics, Inc

DIP20