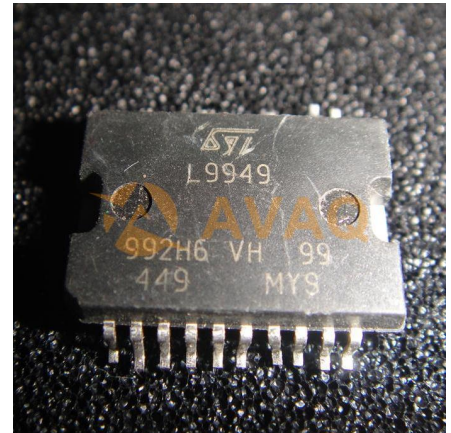


Door actuator driver

Manufacturer:	<u>STMicroelectronics, Inc</u>
Package/Case:	HSOP20
Product Type:	Driver ICs
Lifecycle:	NRND



Images are for reference only

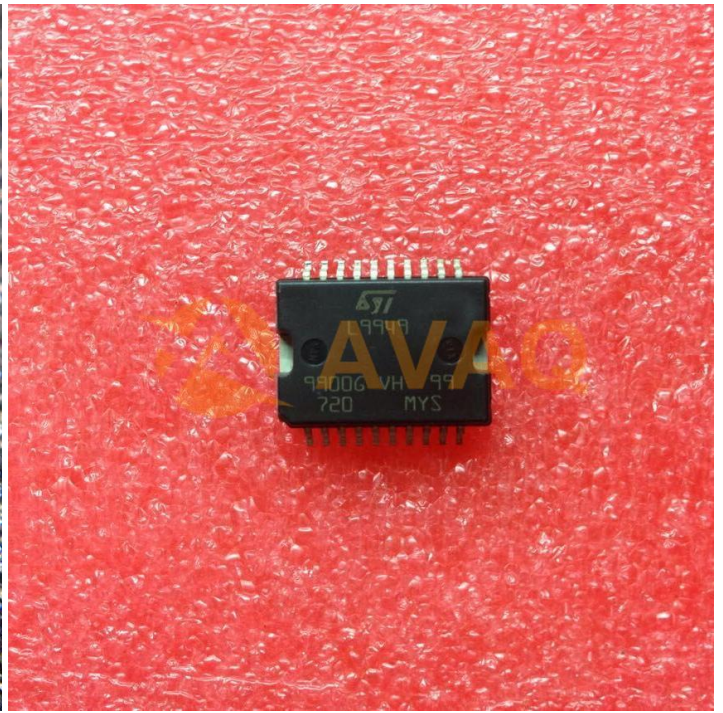
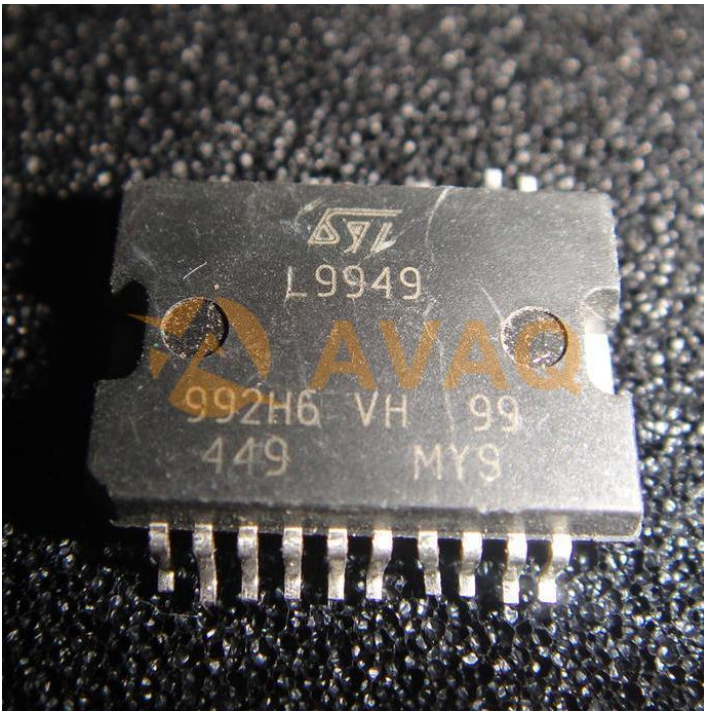
[Inquiry](#)

General Description

The L9949 is a microprocessor controlled power interface for automotive applications. It is realized in multipower BCD60III technology. Up to three DC motors and one grounded resistive load can be driven with its three half bridges, one full bridge and one highside driver power outputs. The integrated standard serial peripheral interface (SPI) controls all operation modes (forward, reverse, brake and high impedance). All diagnostic informations are available via the SPI.

Key Features

- OVERLOAD DIAGNOSTIC FOR ALL OUTPUTS
- OPEN LOAD DIAGNOSTIC FOR ALL OUTPUTS
- CURRENT MONITOR OUTPUT FOR FULL BRIDGE AND HIGHSIDE DRIVER
- ALL OUTPUTS SHORT CIRCUIT PROTECTED
- ONE FULL BRIDGE FOR 6A LOAD (ron = 150m)
- ONE HIGHSIDE DRIVER FOR 6A LOAD (ron = 100m)
- THREE HALF BRIDGES FOR 1.6A LOAD (ron = 800m)
- SERIAL PERIPHERAL INTERFACE (SPI) TO MICROCONTROLLER
- ALL OUTPUTS OVER TEMPERATURE PROTECTED
- VERY LOW CURRENT CONSUMPTION IN STANDBY MODE (I S



Recommended For You

L9651

STMicroelectronics, Inc

HSOP20

L9678PTR

STMicroelectronics, Inc

LQFP-64

L9904

STMicroelectronics, Inc

SOP20

L9822EPD

STMicroelectronics, Inc

HSOP20

L9951

STMicroelectronics, Inc

HSSOP36

L9680TR

STMicroelectronics, Inc

LQFP100

L9950

STMicroelectronics, Inc

HSSOP36

L9848

STMicroelectronics, Inc

SOP28

L9950XP

STMicroelectronics, Inc

SSOP36

L9952GXP

STMicroelectronics, Inc

SSOP36

L9733XP

STMicroelectronics, Inc

SSOP28

L9958SBTR

STMicroelectronics, Inc

SSOP16

L9651-TR

STMicroelectronics, Inc

HSOP20

L9374IRLF

STMicroelectronics, Inc

SSOP36

L9952GXPIR

STMicroelectronics, Inc

SSOP36