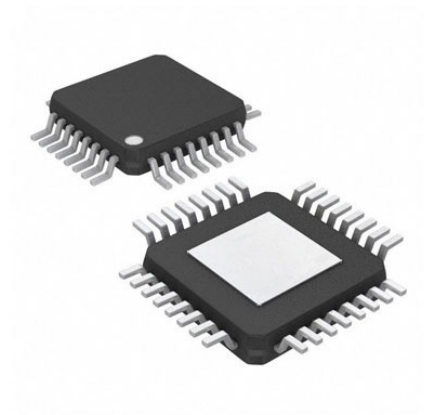


## Motor Driver Automotive 32-Pin LQFP Tray



Images are for reference only

[Inquiry](#)

**Manufacturer:** [STMicroelectronics, Inc](#)

**Package/Case:** QFP32

**Product Type:** Driver ICs

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** NRND

### General Description

The L99H01 is designed to control 4 external N-channel MOS transistors in bridge configuration for DC-motor driving in automotive applications. A free configurable current sense amplifier is integrated. The integrated standard serial peripheral interface (SPI) controls all outputs and provides diagnostic information. An interface pin for the thermal sensors of the external MOSFETs is implemented.

### Key Features

Operating supply voltage 6 V to 28 V

Central 2 stage charge pump

100% duty cycle

Full R

DSon

down to 6 V (normal level MOSFETs)

Control of reverse battery protection MOSFET

Charge pump current limited

### 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

**L9949**

STMicroelectronics, Inc  
HSOP20

**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