

MOSFET & Power Driver ICs Hi-Volt Hi-Low Side

Manufacturers	STMicroelectronics, Inc
Package/Case	SOIC-14
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for L6386D or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

L6386D is a high-voltage high-side and low-side driver IC designed for driving MOSFETs and IGBTs in bridge configurations. It is commonly used in high-power motor control applications such as industrial drives, servo drives, and robotics.

Features

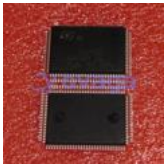
- Wide supply voltage range from 8V to 600V
- High output current capability (up to 1.5A source and 2.5A sink)
- Overcurrent protection with adjustable thresholds
- Undervoltage lockout protection
- Thermal shutdown protection
- Cross-conduction prevention
- TTL and CMOS compatible inputs
- Low standby current consumption

Application

- Motor control (e.g. industrial drives, servo drives, robotics)
- Power supplies
- UPS (Uninterruptible Power Supply)
- DC/DC converters



Related Products



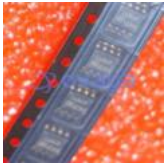
E-L6452

STMicroelectronics, Inc
PQFP100



L6207D

STMicroelectronics, Inc
SO-24



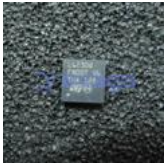
L6561D013TR

STMicroelectronics, Inc
SOP-8



L6258E

STMicroelectronics, Inc
PowerSO-36



L6230Q

STMicroelectronics, Inc
VFQFPN-32



L6219DSA

STMicroelectronics, Inc
SO-24



L6228PD

STMicroelectronics, Inc
SOP-36



L6228D

STMicroelectronics, Inc
SO-24