

## 0.5A HIGH-SIDE DRIVER QUAD INTELLIGENT POWER SWITCH

Manufacturers	<a href="#">STMicroelectronics, Inc</a>
Package/Case	HSSOP-20
Product Type	High-side / low-side switch, the driver, the receiver
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for L6376PD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

L6376PD is a high-voltage gate driver IC manufactured by STMicroelectronics. It is specifically designed for driving N-channel power MOSFETs or IGBTs in high-voltage applications such as motor control, lighting control, and power supplies.

### Features

- Operating voltage range of 8V to 600V
- Peak output current of 1.4A
- Rail-to-rail output voltage swing
- High immunity to electromagnetic interference (EMI)
- Input undervoltage lockout (UVLO)
- Thermal shutdown protection

### Application

- Motor control for industrial and automotive applications
- Lighting control for LED lighting systems
- Power supplies for consumer and industrial applications







## Related Products



### [BTA26-600B](#)

STMicroelectronics, Inc  
TO-3P



### [BTA16-600B](#)

STMicroelectronics, Inc  
TO-220



### [BTA41-600B](#)

STMicroelectronics, Inc  
TO-3P



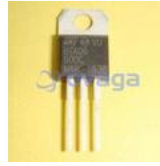
### [VIPER20ASP](#)

STMicroelectronics, Inc  
HSOP10



[BTA12-600B](#)

STMicroelectronics, Inc  
TO-220



[BTA06-600C](#)

STMicroelectronics, Inc  
TO-220



[VIPER100ASP](#)

STMicroelectronics, Inc  
HSOP-10



[VIPER12AS13TR](#)

STMicroelectronics, Inc  
SO-8