


## Driver 600V 2-OUT High and Low Side Non-Inv 8-Pin SO N Tube

<b>Manufacturer:</b>	<a href="#">STMicroelectronics, Inc</a>
<b>Package/Case:</b>	SOP8
<b>Product Type:</b>	Drivers
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

The L6387E is a simple and compact high voltage gate driver, manufactured with the BCD? “offline” technology, and able to drive a half-bridge of power MOSFET or IGBT devices. The high-side (floating) section is enabled to work with voltage rail up to 600 V. Both device outputs can independently sink and source 650 mA and 400 mA respectively and cannot be simultaneously driven high thanks to an integrated interlocking function.

The L6387E device provides two input pins and two output pins and guarantees the outputs toggle in phase with inputs. The logic inputs are CMOS/TTL compatible to ease the interfacing with controlling devices.

The L6387E features the UVLO protection on the  $V_{CC}$  supply voltage and integrates the bootstrap diode, allowing a more compact and reliable solution.

The device is available in a DIP-8 tube and SO-8 tube and tape and reel packaging options.

### Key Features

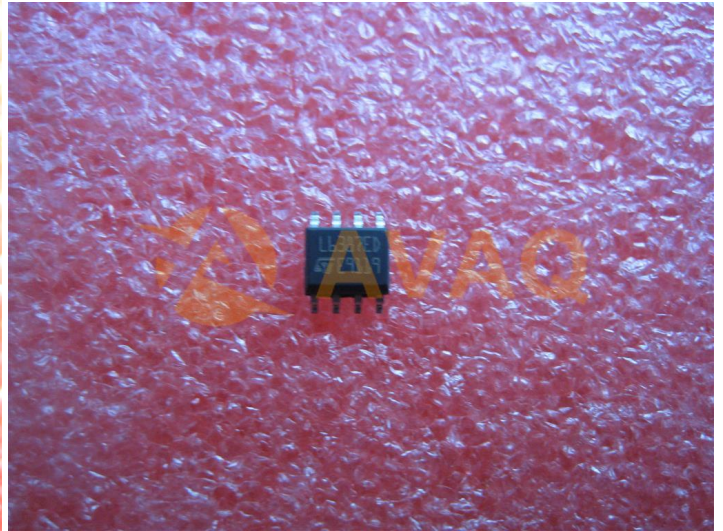
Switching times 50/30 nsec rise/fall with 1 nF load

CMOS/TTL Schmitt trigger inputs with hysteresis and pull-down

Internal bootstrap diode

Outputs in phase with inputs

Interlocking function



## Recommended For You

### L6574D

STMicroelectronics, Inc  
SOP16

### L6375S

STMicroelectronics, Inc  
SOP8

### L6201PS

STMicroelectronics, Inc  
HSOP20

### L6562N

STMicroelectronics, Inc  
DIP8

### L6384ED013TR

STMicroelectronics, Inc  
SOP8

### L6561D

STMicroelectronics, Inc  
SOP-8

### L6574

STMicroelectronics, Inc  
DIP16

### L6506D

STMicroelectronics, Inc  
SOP20

### L6395DTR

STMicroelectronics, Inc  
SOP8

### L6388ED013TR

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SOP-8

### L6384ED

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