L6395DTR

Driver 600V 2-OUT High and Low Side Non-Inv 8-Pin SO N T/R

Manufacturer:	STMicroelectronics, Inc
Package/Case:	SOP8
Product Type:	Drivers
RoHS:	RoHS Compliant/Lead free
Lifecycle:	Active

Figure 2. Pin connection

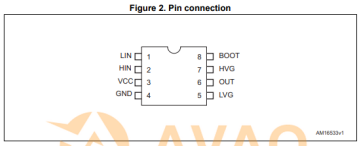


Table 1. Pin description

Pin	Pin name	Type	Function
1	LIN	I	Low-side driver logic input (active high)
2	HIN	I	High-side driver logic input (active high)
3	VCC	P	Lower section supply voltage
4	GND	P	Ground
5	LVG(1)	O	Low-side driver output
6	OUT	P	High-side (floating) common voltage
7	HVG(1)	O	High-side driver output
8	BOOT	P	Bootstrapped supply voltage

Images are for reference only

Inquiry

General Description

The L6395 is a high voltage device manufactured with the BCD? “offline” technology. It is a single-chip high and low-side gate driver for N-channel power MOSFETs or IGBTs.
The high-side (floating) section is designed to stand a voltage rail up to 600 V. The logic inputs are CMOS/TTL compatible down to 3.3 V for the easy interfacing microcontroller/DSP.

Key Features

Switching times 75/35 ns rise/fall with 1 nF load

3.3 V, 5 V TTL/CMOS inputs with hysteresis

Integrated bootstrap diode

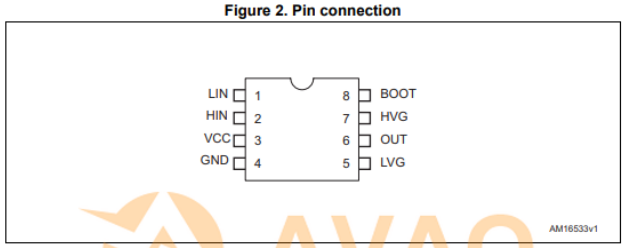
Compact and simplified layout

Bill of material reduction

Effective fault protection

Flexible, easy and fast design

Figure 2. Pin connection



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Recommended For You

L6574D

STMicroelectronics, Inc

SOP16

L6375S

STMicroelectronics, Inc

SOP8

L6201PS

STMicroelectronics, Inc

HSOP20

L6562N

STMicroelectronics, Inc

DIP8

L6384ED013TR

STMicroelectronics, Inc

SOP8

L6387ED

STMicroelectronics, Inc

SOP8

L6561D

STMicroelectronics, Inc

SOP-8

L6574

STMicroelectronics, Inc

DIP16

L6506D

STMicroelectronics, Inc

SOP20

L6388ED013TR

STMicroelectronics, Inc

SOP-8

L6384ED

STMicroelectronics, Inc

SOP8

L6388ED

STMicroelectronics, Inc

SOP8

L6562ATD

STMicroelectronics, Inc

SOP

L6718

STMicroelectronics, Inc

QFN56

L6376D

STMicroelectronics, Inc

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