

## What interface does the ST6384 use



### Overview

The L6384E device has one input pin, one enable pin (DT/SD) and two output pins, and guarantees matched delays between low-side and high-side sections, thus simplifying device's high frequency operation. The logic inputs are CMOS/TTL compatible to ease the interfacing with controlling. The L6384E is a high voltage gate driver, manufactured with the BCDTM "offline" technology, and able to drive a half-bridge of power MOSFET or IGBT devices. The high-side (floating) section is able to work with voltage rail up to 600 V. Both device outputs can sink and source 650 mA and 400 mA. Manuals and User Guides for ST L6384E. We have 1 ST L6384E manual available for free PDF download: Application Manual Figure 1. Description: HIGH-VOLTAGE HALF BRIDGE DRIVER. Manufacturer: STMicroelectronics. Dual-channel half-bridge gate driver IC for power applications. 6V, featuring a maximum output current of 650mA. Supports frequencies up to 400kHz with a propagation delay of 300ns and fall time of 30ns. Packaged in a through-hole PDIP, this RoHS. ® L6384 HIGH-VOLTAGE HALF BRIDGE DRIVER HIGH VOLTAGE RAIL UP TO 600 V dV/dt IMMUNITY +- 50 V/nsec IN FULL TEMPERATURE RANGE DRIVER CURRENT CAPABILITY: 400 mA SOURCE, 650 mA SINK SWITCHING TIMES 50/. About Datasheet4U Contact Us Privacy Policy Purchase of parts L6384.

## Article Content

High voltage half-bridge driver

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ST L6384E Application Manual

Computers & electronics Computer components System components Interface cards/adapters ST L6384E Manual

STMicroelectronics

L6384 datasheet by STMicroelectronics. HIGH-VOLTAGE HALF BRIDGE DRIVER. File size: 146.71 KB. View specifications and download PDF.

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Manuals and User Guides for ST L6384E. We have 1 ST L6384E manual available for free PDF download: Application Manual. Figure 1. L6384E Internal Block Diagram. Figure 2. L6384E - ...

L6384 Datasheet (PDF)

Description: HIGH-VOLTAGE HALF BRIDGE DRIVER. Manufacturer: STMicroelectronics.

Stmicroelectronics

Download L6384 Stmicroelectronics datasheet PDF, view technical specifications, and find pricing information.

L6384 Drive Board by ST MICRO

Factory New product is product that is new and was sourced through our trusted network of suppliers. Also includes product that is not authorized directly from OEM, for example sourced from a distributor ...

L6384 STMicroelectronics | Gate Drivers | DigiKey

L6384 - Half-Bridge Gate Driver IC Inverting 8-Mini DIP from STMicroelectronics. View datasheets, pricing and availability from DigiKey now!

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Part #: L6384. Description: HIGH-VOLTAGE HALF BRIDGE DRIVER. File Size: 78.23 Kbytes. Manufacturer: STMicroelectronics.

IC: driver; MOSFET; SO8; 650mA; 580V; Outputs: 2; 8÷16.6VDC

L6384D STMicroelectronics The pictures of products are only demonstrative and may be different than the real look of products. It does not change their basic features.

## Contact Us

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