

## **Features**

- Floating channel designed for bootstrap operation
- Tolerant to negative transient voltage
- dV/dt immune
- Gate drive supply range from 10V to 20V
- Under voltage protect
- 3.3V, 5V and 15V logic compatible
- Matched propagation delay for both channels
- High-side output in phase with HIN pin
- Low-side output in phase with LIN pin
- SOP-8 Package
- Green Product (RoHS, Lead-Free, Halogen-Free Compliant)

## **General Description**

The GS6101 is a high voltage gate driver IC, It can drive N-channel MOSFETs and IGBTs in a half bridge configuration.

The GS6101's high-side can switch to 600V in a bootstrap operation. The GS6101 logic inputs are compatible with standard TTL and CMOS level (down to 3.3V) to interface easily with controlling device.

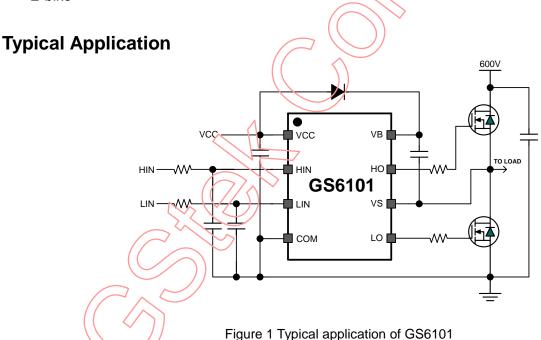
The IC is offered in SOP-8 packages and operate over an extended -40°C to 125°C temperature range.

## **Applications**

Motor Driver

Fluorescent Lamp Ballast

E-bike



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