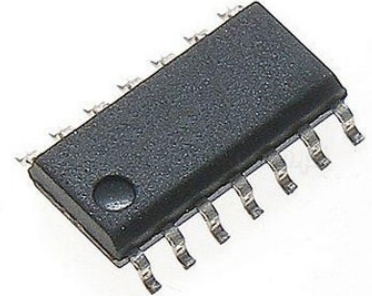


Driver 600V 4.5A 1-OUT High Side/Low Side Half Brdg Non-Inv 14-Pin SO N T/R

Manufacturers	<a href="#">ON Semiconductor, LLC</a>
Package/Case	SOP14
Product Type	Power Management ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for FAN7391MX or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The FAN7391 is a monolithic high- and low-side gate-drive IC, which can drive high-speed MOSFETs and IGBTs that operate up to +600 V. It has a buffered output stage with all NMOS transistors designed for high pulse current driving capability and minimum cross-conduction. Fairchild's high-voltage process and common-mode noise-canceling techniques provide stable operation of the high-side driver under high-dv/dt noise circumstances. An advanced level-shift circuit offers high-side gate driver operation up to = 15V. The advanced input filter of HIN provides protection against short-pulsed input signals caused by noise. The UVLO circuits prevent malfunction when VDD and VBS are lower than the specified threshold voltage. The high-current and low-output voltage-drop feature makes this device suitable for the PDP sustain pulse driver, motor driver, switching mode power supply, and high-power DC-DC converter applications.

## Application

ONSEMI

## Related Products



### [FAN3122TMX](#)

ON Semiconductor, LLC  
SOIC-8



### [FAN7602CMX](#)

ON Semiconductor, LLC  
SOIC-8



### [FAN7930BMX](#)

ON Semiconductor, LLC  
SOP-8



### [FAN7621BSJX](#)

ON Semiconductor, LLC  
SOP-16



[FAN73912MX](#)

ON Semiconductor, LLC  
SOIC-16



[FAN3223TMX](#)

ON Semiconductor, LLC  
SOIC-8



[FAN7361MX](#)

ON Semiconductor, LLC  
SOP-8



[FAN48630UC50X](#)

ON Semiconductor, LLC  
WLCSP-16