# FAN7393AMX

Data Sheet

Driver 600V 2.5A 2-OUT High and Low Side Half Brdg Inv/Non-Inv 14-Pin SOIC T/R

| | |
|---|---|
| Manufacturers | ON Semiconductor, LLC |
| Package/Case | SOIC-14 |
| Product Type | Power Management ICs |
| RoHS | Green |
| Lifecycle | |

Images are for reference only

Please submit RFQ for FAN7393AMX or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

## General Description

The FAN7393A is a half-bridge gate-drive IC with shutdown and programmable dead-time control functions that can drive high-speed MOSFETs and IGBTs operating up to +600V. 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 applications.

## Features

Floating Channel for Bootstrap Operation to +600V

Typically 2.5A/2.5A Sourcing/Sinking Current Driving Capability

Extended Allowable Negative VS Swing to -9.8V forSignal Propagation at>

High-Side Output in Phase of IN Input Signal

3.3V and 5V Input Logic Compatible

Matched Propagation Delay for Both Channels

Built-in Shutdown Function

Built-in UVLO Functions for Both Channels

Built-in Common-Mode dv/dt Noise Cancelling Circuit

Internal 370ns Minimum Dead Time at>

Programmable Turn-on Delay Control (Dead-Time)

## 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