

## High Speed Switching Gate Driver

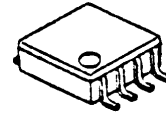
### ■ GENERAL DESCRIPTION

The NJW4840 is a High Speed Switching Gate Driver that is applicable 4A peak current.

The NJW4840 features are Withstand voltage of 24V, Operating voltage range: 8V to 20V and Fast switching time (27.5ns typical at 4700pF load).

The NJW4840 is suitable for PDP Sustain Pulse Drive, DC / AC Motor Drive, Switching Power Supply, and DC / DC Converter Applications.

### ■ PACKAGE OUTLINE



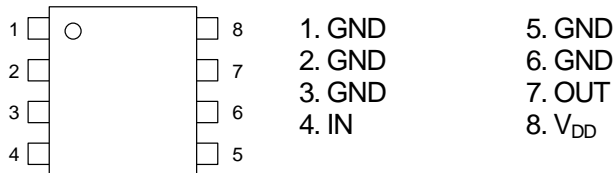
NJW4840R  
(MSOP8 (VSP8))

### ■ FEATURES

- Output Peak Current:  $\pm 4A$  (peak)
- Operating Voltage Range: 8V to 20V
- High Speed Switching: 27.5nsec(typ.)@CL=4,700pF
- Built-in Thermal Shut Down
- Under Voltage Lockout
- Short Circuit Protection (power / ground fault)
- Package: MSOP8 (VSP8)

\* MEET JEDEC MO-187-DA

### ■ PIN CONNECTION



### ■ BLOCK DIAGRAM

