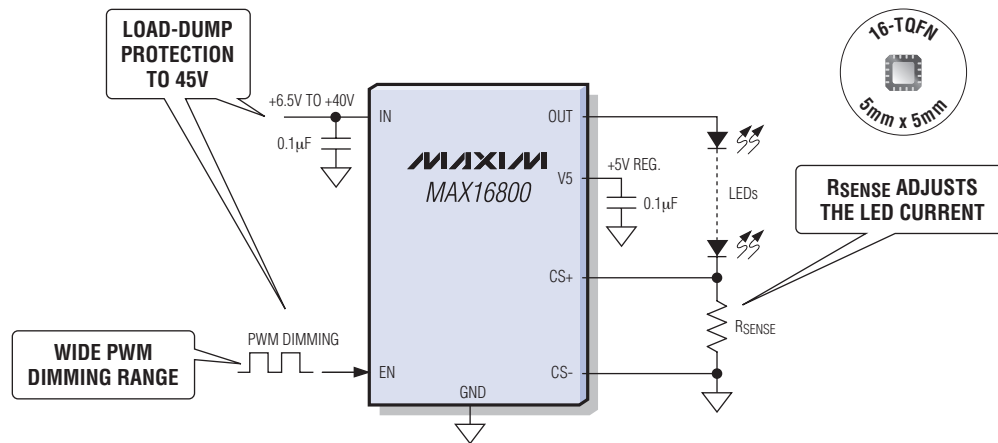


# SMALLEST HIGH-BRIGHTNESS LED DRIVER SIMPLIFIES LIGHTING DESIGN

**40V, 350mA, Adjustable Linear LED Driver Saves 85% Board Space  
Compared to the Competition**



- ◆ Constant Current Up to 350mA
- ◆  $\pm 3.5\%$  LED Current Accuracy
- ◆ Low-Dropout Voltage ( $< 1V$  typ)
- ◆ Low 200mV Current-Sense Reference Minimizes Power Dissipation
- ◆ Works Down to +5V for Automotive Cold Cranking
- ◆ Short-Circuit Protection
- ◆ Thermal Shutdown
- ◆ Operates from  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$

## IDEAL FOR

- AUTOMOTIVE INTERIOR AND EXTERIOR LED LIGHTING
- ACCENT AND ARCHITECTURAL LED LIGHTING
- SIGNAGE AND LED CHANNEL LETTERING

For Additional High-Brightness LED Drivers, Go to:  
[www.maxim-ic.com/HB\\_LED](http://www.maxim-ic.com/HB_LED)

# MAXIM

[www.maxim-ic.com/HB\\_LED](http://www.maxim-ic.com/HB_LED)

**FREE Power Supplies Design Guide—Sent Within 24 Hours!**

CALL TOLL FREE 1-800-998-8800 (6:00 a.m.–6:00 p.m. PT)

For a Design Guide or Free Sample

EVALUATION KIT  
AVAILABLE

MAXIM/DALLAS  
**DIRECT!**  
DISTRIBUTION  
1-888-MAXIM-IC

ARROW  
ARROW ELECTRONICS, INC.  
1-800-777-2776

AVNET  
electronics marketing  
1-800-332-8638

Distributed by Maxim/Dallas Direct!, Arrow, Avnet Electronics Marketing, Digi-Key, and Newark.

The Maxim logo is a registered trademark of Maxim Integrated Products, Inc. The Dallas Semiconductor logo is a registered trademark of Dallas Semiconductor Corp.

© 2005 Maxim Integrated Products, Inc. All rights reserved.