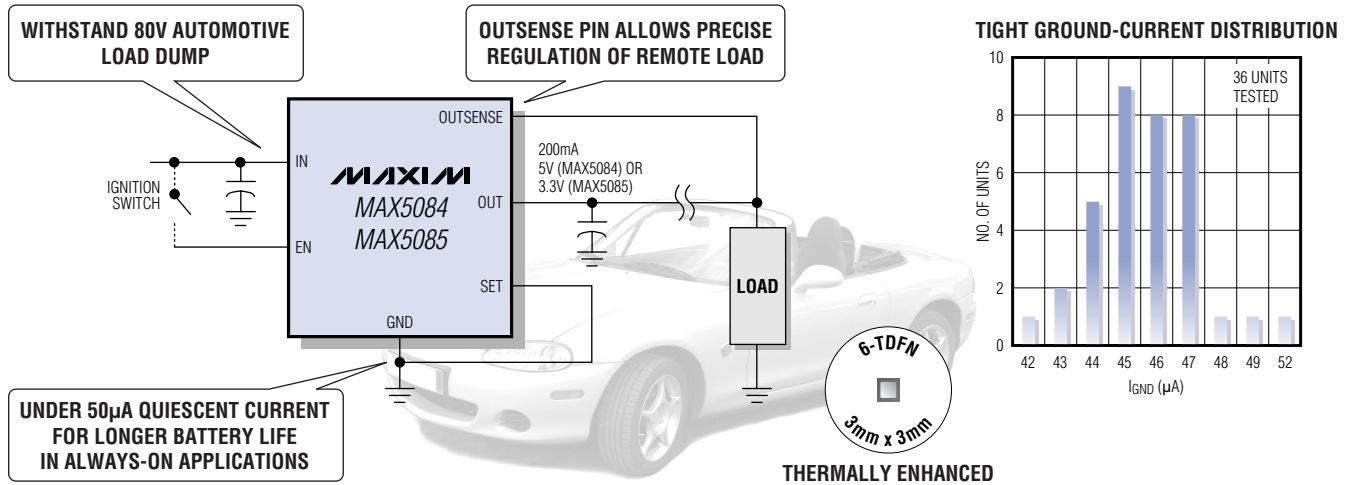


# 200mA, 65V INPUT, LOW-QUIESCENT-CURRENT LINEAR REGULATORS IN HIGH-POWER PACKAGE



## IDEAL FOR AUTOMOTIVE APPLICATIONS

### Rugged Design

- ◆ Guaranteed Operation over -40°C to +125°C Temperature Range
- ◆ Tiny 3mm x 3mm TDFN Handles 1.9W of Continuous Power Dissipation\*
- ◆ Thermal Shutdown and Short-Circuit Current-Limit Protection Up to 65V Input

### No MOV or TVS Needed

- ◆ 6.5V to 65V Wide Input-Voltage Range
- ◆ Withstand Up to 80V Automotive Load Dump

### High Performance

- ◆ OUTSENSE Pin Allows Remote Power Supply to Maintain Precise Regulation at Load
- ◆ Under 50µA Quiescent Current at No-Load
- ◆ Low 6µA Shutdown Current

\*At +70°C per JEDEC 51 standard (derate 23.8mW/°C above +70°C ambient).

# MAXIM

[www.maxim-ic.com/MAX5084/85-info](http://www.maxim-ic.com/MAX5084/85-info)  
**FREE Automotive Design Guide—Sent Within 24 Hours!**  
 CALL TOLL FREE 1-800-998-8800 (7:00 a.m.–5:00 p.m. PT)  
 For a Design Guide or Free Sample

**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.  
 © 2007 Maxim Integrated Products, Inc. All rights reserved.