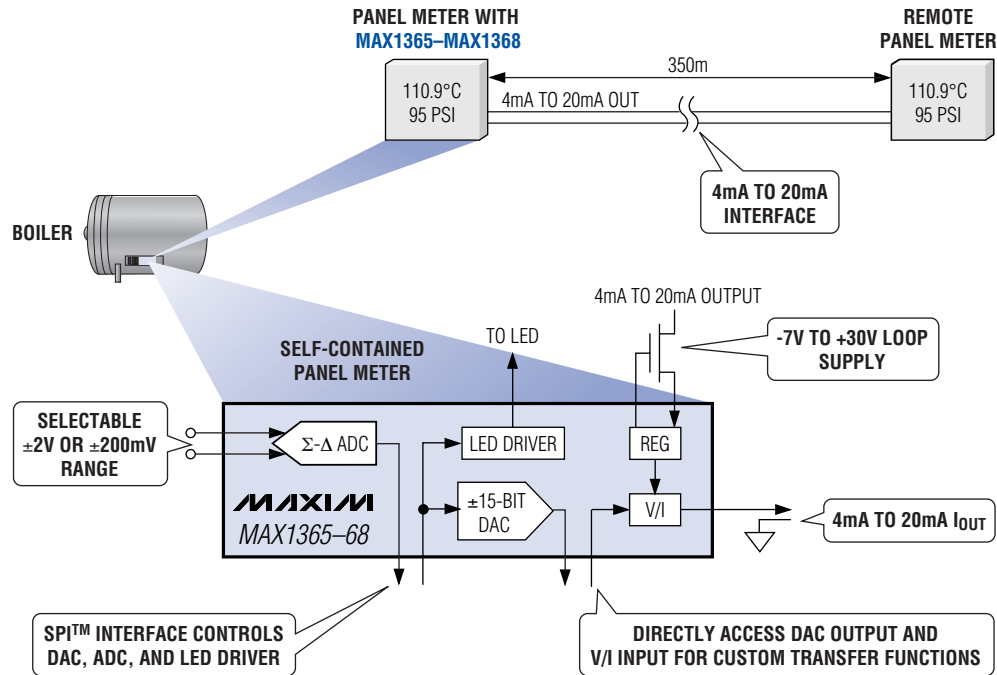


3.5-/4.5-DIGIT LED PANEL-METER IC DRIVES REMOTE DISPLAYS IN NOISY ENVIRONMENTS

Displays Local Measurements and Drives a Proportional 4mA to 20mA Current Loop for Remote Displays, Data-Logging, or Process Control



ADC + LED Driver for Local Displays

- ◆ $\pm 199999/\pm 19999$ (3.5-/4.5-Digit) Resolution
- ◆ No Autozeroing or Integrating Capacitors
- ◆ Common-Cathode LED Display Driver

4mA to 20mA Output Drives Remote Displays

- ◆ 15-Bit Resolution DAC
- ◆ 14-Bit Linear V/I Converter
- ◆ Unipolar or Bipolar Mode

Part	Resolution	Display	Interface	Current Output (mA)	Package	Price [†] (\$)
MAX1365/MAX1367	3.5/4.5 digit	LED	Stand-alone	4 to 20 or 0 to 16	48-TQFP	9.18/6.96
MAX1366/MAX1368	3.5/4.5 digit		SPI			9.98/7.91

SPI is a trademark of Motorola, Inc.

[†]2.5k piece price provided is for design guidance and is FOB USA. International prices will differ due to local duties, taxes, and exchange rates. Not all packages are offered in 1k increments, and some may require minimum order quantities.



www.maxim-ic.com

FREE A/D Converters 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



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.

© 2006 Maxim Integrated Products, Inc. All rights reserved.