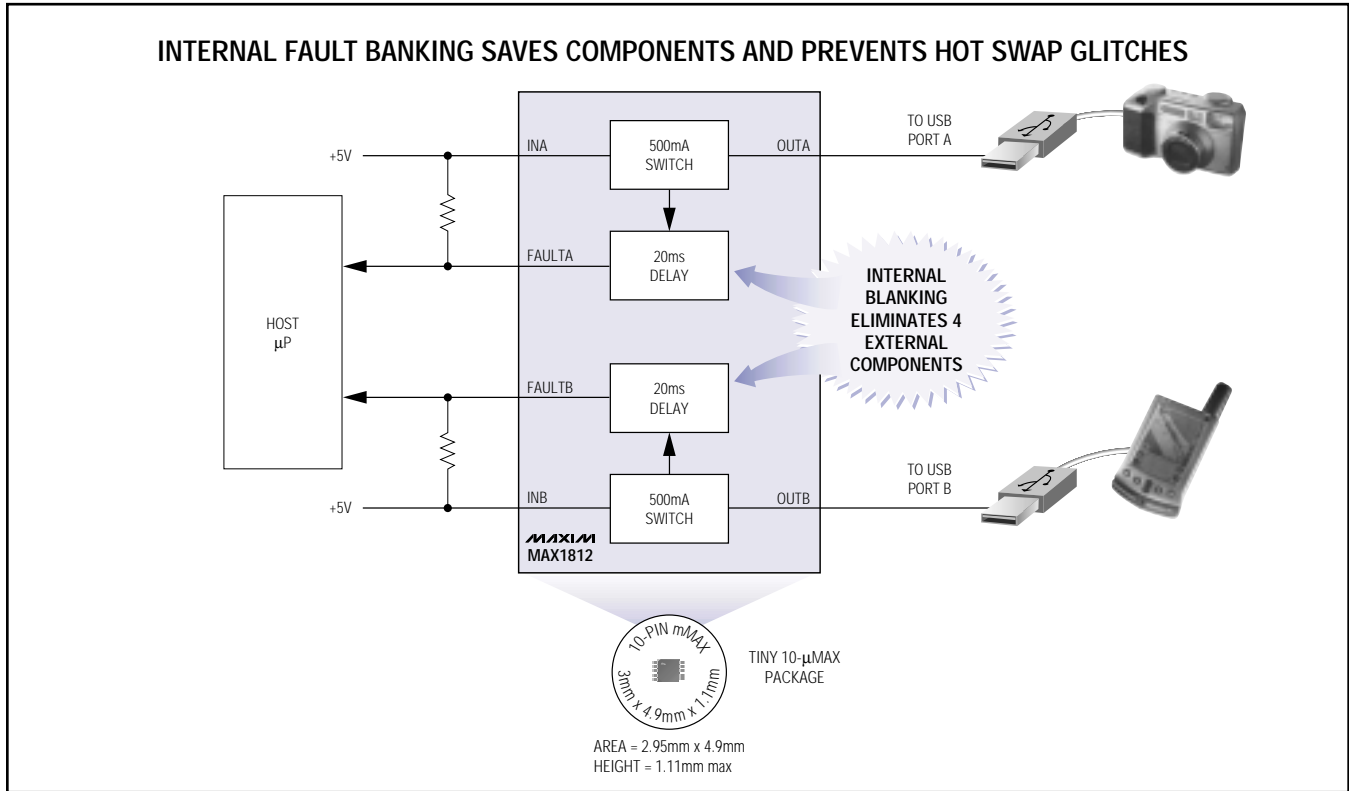


# WORLD'S SMALLEST DUAL, CURRENT-LIMITED SWITCH WITH FAULT BLANKING

Built-In Fault-Blanking Prevents the Host System from Resetting During Hot Swap



- ◆ Dual USB Switch in 10 $\mu$ MAX Package
- ◆ Guaranteed 500mA Load Current
- ◆ 20ms Internal Fault-Blanking
- ◆ Thermal Overload Protection
- ◆ 45 $\mu$ A Quiescent Current
- ◆ 3 $\mu$ A Shutdown Current
- ◆ Independent Fault Indicator Outputs
- ◆ Independent Shutdown Control

The MAX1812 is the world's smallest dual, current-limited switch for USB applications. Each channel is guaranteed to supply 500mA and meets all USB specifications. Internal fault blanking prevents momentary faults (from capacitive loads) from resetting the host system and eliminates the need for external components.



**FREE Power Supplies Design Guide—Sent Within 24 Hours!**  
Includes: Reply Cards for Free Samples and Data Sheets

CALL TOLL-FREE 1-800-998-8800 for a Design Guide or Free Sample  
6:00 a.m. – 6:00 p.m. Pacific Time

**MAXIM**  
[www.maxim-ic.com](http://www.maxim-ic.com)

2000 EDITION!  
FREE FULL-LINE DATA CATALOG  
ON CD-ROM



**NEW!** Get Price, Delivery, and Place Orders  
Online at [www.maxim-ic.com](http://www.maxim-ic.com)

Maxim Integrated Products, 120 San Gabriel Drive, Sunnyvale, CA 94086, (408) 737-7600, FAX (408) 737-7194.

Distributed by Maxim Distribution, Arrow, Avnet Electronics Marketing, CAM RPC, Digi-Key, Elmo, Nu Horizons, and Zeus.  
Distributed in Canada by Arrow and Avnet Electronics Marketing.

MAXIM is a registered trademark of Maxim Integrated Products. © 2001 Maxim Integrated Products.