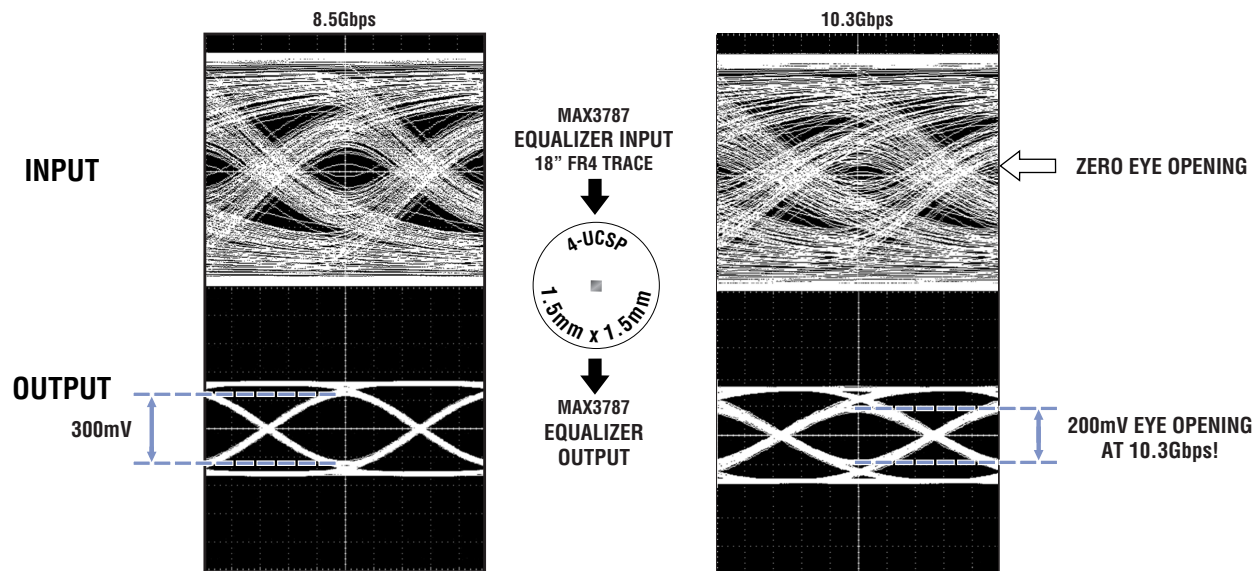


TINY, ZERO-POWER EQUALIZER EXTENDS 10G TRACE FOR <\$1.00

1Gbps to 12Gbps—Increase Jitter Margin Anywhere in the Link!

The MAX3787 is an innovative 1Gbps to 12.5Gbps equalization network that compensates for transmission-medium losses encountered with FR4 and cables. The equalization network is composed entirely of passive components, and works equally well for 8b/10b or scrambled signals at either the transmit or receive side of the link. Packaged in a small, 1.5mm x 1.5mm chip-scale package (UCSP™) about the size of two 0603 components, the MAX3787 can be used anywhere to extend high-speed interconnects. Pricing starts at \$0.95†.

MAX3787 ADDS LENGTH TO HIGH-SPEED LINKS WITH MAXIMUM FLEXIBILITY



Use the MAX3787 Anywhere in the Link—No Power Is Required!

- ◆ Transmit Side
- ◆ Receive Side

1.5mm x 1.5mm Package Is Tiny Enough to Use Anywhere

- ◆ Circuit Boards
- ◆ Cable/Connector Assemblies
- ◆ Ethernet and Fibre-Channel Serial Modules

† 1000-up recommended resale. Prices provided are for design guidance and are 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. UCSP is a trademark of Maxim Integrated Products, Inc.



www.maxim-ic.com/signalintegrity

FREE Fiber 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



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.