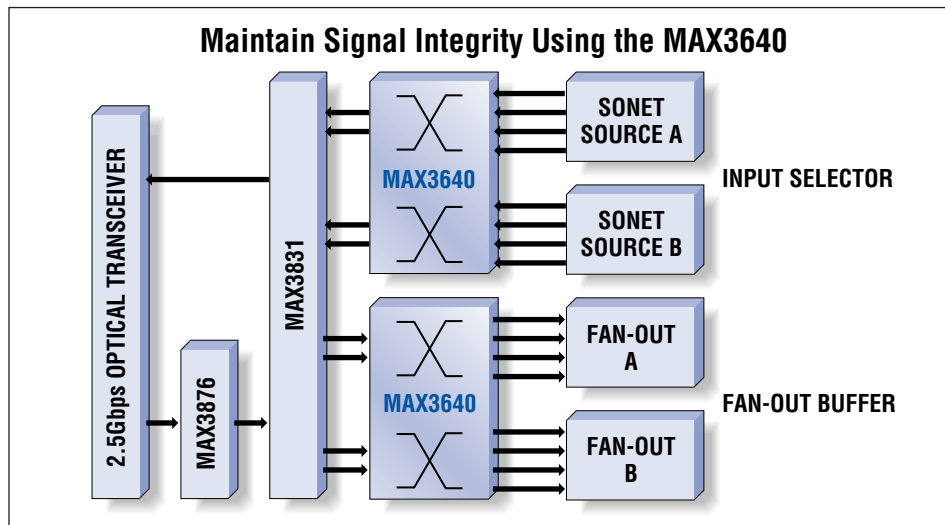


# 622Mbps LVDS PROTECTION SWITCHING WITH ZERO JITTER ACCUMULATION

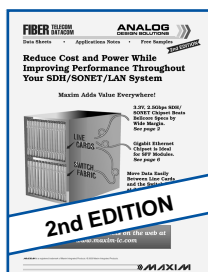
## Dual 4:2 Crosspoint Switch Consumes Only 257mW

The new MAX3640 dual 4:2 crosspoint switch provides system redundancy while allowing differential LVDS signals to pass through with minimal jitter accumulation. Complete your low-jitter interconnection with the MAX3831 4:1/1:4 2.5Gbps transceiver and the MAX3876 2.5Gbps CDR.



## Maxim's 2.5Gbps System Interconnect Product Line

| PRODUCT | DESCRIPTION                 | SUPPLY       | PIN-PACKAGE |
|---------|-----------------------------|--------------|-------------|
| MAX3831 | 2.5Gbps 4:1/1:4 Mux/Demux   | 3.3V         | 64-pin TQFP |
| MAX3876 | 2.5Gbps CDR w/CML outputs   | 3.3V or 5.0V | 32-pin TQFP |
| MAX3640 | 622Mbps dual 4:2 crosspoint | 3.3V         | 48-pin TQFP |



**FREE Fiber 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. © 2000 Maxim Integrated Products.