

9.0.0 LVDS WEBSITE CONTENTS

9.1.0 NATIONAL WEBSITE

National provides an extensive website targeted for Design Engineers and also Purchasing/Component Engineers. From the main page, you can find:

- Product Tree/Selection Guide
- Datasheets
- Application Notes
- Product Folders
 - View/Download: General Descriptions, Features or the Entire Datasheet
 - Product Status and Pricing Information
 - Application Note Reference
- Packaging Information
- Marking Information
- Technical Support
- Search Engine
- Databooks, CD ROMs and Samples

The website's URL is: www.national.com

9.2.0 NATIONAL'S LVDS APPINFO WEBSITE

National provides an in depth application site on LVDS. This site provides the design community with the latest information on National's expanding LVDS family. Please visit the LVDS website to view or download documents. On this site, you can locate:

- LVDS Selection Tables
- Frequently Asked Questions (and Answers)
- Application Note Cross Reference Table (AN Number – Topic – Device ID)
- Interface IBIS Models
- Evaluation Boards – Documentation and Ordering Information
- Family Introductions/Overviews
- Design Tools – RAPIDESIGNERS
- Press Releases

The website's URL is: www.national.com/appinfo/lvds/

LVDS Interface

Product Families

Click on the Product Family Name for a brief overview, or click on the bullet items for selection tables and / or datasheets.

LVDS

- [Channel Link](#)
- [Line Drivers And Receivers](#)
- [Digital Crosspoint Switches](#)

Bus LVDS (BLVDS)

- [Transceivers and Repeaters](#)
- [Serializers / Deserializers](#)

Flat Panel Display - Information Click here to view the all NEW FPD feature site for Flat Panel Display Circuits. This includes information on **FPD-Link**, **LVDS Display Interface (LDI)**, **Panel Timing Controllers** and more!

Information on Other Interface Devices

- [Serial Digital Interface](#)
- [Data Transmission Circuits](#)
- [Bus Circuits](#)
- [Click here to jump to the Interface Feature Site!](#)

Design Guides

- [LVDS Design Guide](#) LVDS Owner's Manual & Design Guide
- [BLVDS White Paper \(PDF Format\)](#) Signal integrity and validation of Bus LVDS (BLVDS) technology in heavily loaded backplanes. DesignCon99 Paper
- [BLVDS White Paper \(PDF Format\)](#) A Bakers Dozen of High-Speed Differential Backplane Design Tips. DesignCon2000 Paper
- [BLVDS White Paper \(PDF Format\)](#) Bus LVDS Expands Applications for Low Voltage Differential Signaling (LVDS). DesignCon2000 Paper

Design Tools

Transmission Line RAPIDESIGNER

- [English Units RAPIDESIGNER](#)
 - [Metric Units RAPIDESIGNER](#)
 - [RAPIDESIGNER Operation and Applications Guide](#)
- Click here to view the PDF of AN-905

IBIS Interface Models

LVDS Application Note Selection Guide

LVDS FAQs A dozen Frequently Asked Questions (and Answers) on LVDS.

Bus LVDS SER/DES FAQs Frequently Asked Questions (and Answers) on the Serializer / Deserializer Bus LVDS chipsets.

Evaluation / Demo Boards

Datasheets / Application Notes

- [INTERFACE Datasheets and Application Notes on CDROM](#)

What's New

► [November 22, 1999: DS92CK16](#): National Semiconductor Announces LVDS Clock Chip with 50ps skew for Data and Telecoms Systems

► [September 7, 1999: DS92LV1212](#): National Semiconductor Announces 40MHz Data Deserializer That Enables Hot Board Swapping In Growing Data And Telecommunications Applications

Quick Search

[Parametric Search](#)

[System Diagrams](#)

[Product Tree](#)

[Home](#)

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Screen shot of LVDS APPINFO website: www.national.com/appinfo/lvds/

9.3.0 OTHER NATIONAL'S APPINFO WEBSITES

9.3.1 "INTERFACE" Products

National provides an application site on INTERFACE. This site provides the design community with the latest information on National's expanding SDI (Serial Digital Interface) and RS-xxx families. Please visit the INTERFACE website to view or download documents.

9.3.2 "FPD" Products

National provides an in depth application site on Flat Panel Display devices. This site provides the design community the latest information on National's expanding FPD-Link, LDI and TCON families. Please visit the FPD website to view or download documents.

9.3.3 Other/APPINFO/Websites

National provides other in depth application sites. Please visit the main-page for an updated list of pages. This site can be viewed at: <http://www.national.com/appinfo>. It currently includes information on:

- A/D Converters
- Advanced I/O
- Amplifiers
- Audio Products
- Automotive
- Compact RISC
- Custom
- Die Products
- Enhanced Solutions
- Flat Panel Display
- Information Appliance Solutions
- Interface
- LTCC Foundry
- LVDS Interface Products
- Microcontroller
- Micro SMD
- Power
- Scanners
- Temperature Sensors
- USB Technologies
- Wireless Products
- Wireless Basestation Products

NOTES

