

Welcome

Please note: this Enewsletter is best viewed in Microsoft Internet Explorer v.6 or Netscape Navigator v.7.

Welcome to the 2nd Tektronix Design & Manufacturing quarterly newsletter! As well as keeping in touch with developments at Tektronix, you can also download free literature, view interactive product demos, and find out about free technology workshops and where we are exhibiting.

We welcome your feedback and thoughts on issues that interest you.

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Tektronix and Laser 2000 Announce Partnership!

With the recent acquisition of Profile Optische Systems, Tektronix offers the best in class laser diode instrumentation, WDM Test Equipment, as well as Polarisation and PMD capability. This is even further enhanced with the combined expertise of Laser 2000 in creating customised photonic solutions. Come and see us at the [Lightspeed Show](#) on **stand 224** (3 - 5 December, Earls Court, London) and discuss your specific requirements with Laser 2000 experts.



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FREE Optical Seminars

We are planning to hold free seminars in the New Year 2003 covering the effect and measurement of polarization and Laser sources and Technology. [Click here](#) to register your interest.



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PAST ISSUES



[Optical Newsletter Issue No. 6](#)



[Optical Newsletter Issue No. 5](#)



[Optical Newsletter Issue No. 4](#)



[Design & Manufacturing Newsletter No. 1](#)

Web Links

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[Oscilloscopes](#)

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Sampling Oscilloscopes:
CSA8000B Series
Communications
Signal Analyzer

[Click here](#) to download CSA8000B Product Summaries and Datasheets

Useful Links

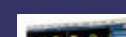


[Download screensavers here!](#)

Software and Firmware Finder

Software, firmware updates and drivers for your Tektronix product.

Free NetSeminars



[Free Power](#)

COMPUTING
COMMUNICATIONS
VIDEO

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FREE Signal Integrity Technology Workshops in Finland, UK, Denmark and France

See the very latest Test and Measurement equipment in action! Tektronix invites you to a half-day interactive technical workshop to introduce our comprehensive toolset that will help qualify and diagnose signal integrity issues and design margins - essential in today's high speed digital systems and time critical markets.



Don't miss out on this opportunity, [register your attendance](#) today to secure your place.

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FREE Power Measurement Workshop in the New Year

Design engineers today are faced with the challenge of designing for increased efficiency whilst reducing the size of the power supply. The key to successful design lies in detecting, measuring and analysing power loss in the switching devices and magnetic components.



[Click here](#) to register your interest in the **Half-Day Power Measurement Workshop** taking place in 2003 and also to request your **FREE "Design Engineer's Power Measurement Action Pack"**.

Please note that you will need to tick **Web Code 4** when registering.

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RapidIO Building the Next Generation Networking Infrastructure

[RapidIO](#), a high-performance, packet-switched bus technology delivers the bandwidth, software independence, fault tolerance and low latency needed for the design of next generation networking equipment in the communications market.

We will examine some of the solutions for component-level and system-level designers and discuss how to use the hardware interoperability platform to your advantage, and also how to get the most out of your test & measurement equipment like logic analyzers and oscilloscopes.

Download your Application Note and Technical briefing [here](#). View our [Free NetSeminar "Making RapidIO System Real" Demo](#) to find out how we can help you.



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SPI-3 and SPI-4.2 Logic Analyzer Support Provides Complete Debug Solution for Communications Network Designers

The demand for faster Internet-based services is driving network equipment designers to develop new switch and router port cards that support multi-service data traffic at significantly increased bandwidths. To accomplish this, developers are utilizing new technologies, such as System Packet Interface (SPI), to optimize data flow within a system. Implementing these technologies requires a high-performance probing, timing and characterization solution that offers full system visibility and correlation of microprocessor, internal system bus, and external serial bus activities.



The Tektronix TCS101 SPI-3 and SPI-4.2 software support package for the TLA family of logic analyzers delivers a comprehensive system-level design and debug tool for developers utilizing SPI-3 and/or SPI-4.2 buses in their system designs.

Measurement NetSeminar



[Open Windows/LabVIEW NetSeminar](#)



[NetSeminar: Making RapidIO Systems Real](#)



[The Theory of Polarized Light](#)



[PMD and PDL: Theory, Measurement, and Impact on Systems](#)



[Precision Equipment for Operating and Testing Laser Diodes](#)

[Click here](#) for further details.

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Are you Finding it Difficult to Obtain Capital Funding in the Current Economic Climate?

During an industry downturn equipment leasing or rental may be an attractive alternative to outright purchase of capital equipment. Tektronix has partnerships with leading rental and leasing companies who will work with you to configure a Tektronix solution to meet your needs. The main European partners are: [Livingston](#), [Microlease](#), [Orix Rentec](#), and, in France, [LV2I](#).



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media code NEWM307HXE

Wavelength Sensitivity of Polarization Dependent Loss Measurements in Swept Laser Measurements

The accumulated effect of PDL from many devices in a fibre-optic system has potentially serious consequences for system reliability and performance. As a result, component manufacturers are requiring test-equipment suppliers to provide PDL measurements in their swept-laser systems. [Download your PDF](#) to find out more.



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Test & Measurement Fundamentals

Tektronix is engaged in a partnership with education by enabling colleges, universities and schools to equip their labs with leading-edge, award-winning products that help prepare students for a quick, smooth transition from school to the real world. To further simplify instruction, we offer a variety of classroom and lab materials, which can be downloaded free of charge:



Oscilloscopes & Logic Analyzers

Tektronix oscilloscopes and logic analyzers have remained at the forefront of technology innovations, enabling next-generation technologies. [Click here](#) to download demonstrations, literature and posters.

Optical Communications

Our optical test portfolio provides customers with solutions for designing, validating, and manufacturing next-generation communications systems, optical components and network elements.

[Click here](#) to download literature and posters and to order your SONET and SDH posters.

Screen Savers

Download your free screen savers -
[TDS5000 Series DPO: Blue & Orange](#)
[TDS7000 Series DPO: Find The Bugs](#)
[Tektronix: Enabling Innovation](#)

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Power Measurement and TDS5000 Promotions

► Power Measurement and TDS5000 - Save 40% Now!

Purchase a new TDS5000 Series oscilloscope and receive a 40% savings of 5 top options that will POWER you through your next design!



► Serial Data Application Package - Save 20% Now!

Purchase a new CSA7404 communications signal analyzer and receive a 20% savings

on the industry's first serial data application package.

▶ **Advanced Design and Jitter Application Package - Save Up to 20% Now!**

Purchase a new TDS6604 or TDS7404 oscilloscope and receive up to 20% savings on the industry's top jitter and advanced design application package.

If you are interested in finding out more about the above promotions, please [click here](#). This worldwide offer is effective from 16 December 2002 through to 30 May 2003.

For further details on other promotions visit www.tektronix.com/promotions.

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General Information

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