



DESIGN & MANUFACTURING

Dear Valued Customer:

May 2003
Issue 3

Welcome to the 3rd Tektronix Design & Manufacturing quarterly e-newsletter! As well as keeping you in touch with the latest developments at Tektronix, you can also download free application software, order your free primer and white paper, view our new Wireless Communication Analyzer demo, and find out about where we are exhibiting in May. In this issue, we also reveal special savings for our readers on various solution based bundle offers.

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

Dave Ireland
Design & Manufacturing Segment Manager (EMEA)

P.S. And if you like what you see in our newsletter, then why not forward onto a friend or colleague? To register, simply go to www.tektronix.com/email/emea and sign up to "Design & Manufacturing".

Get expert guidance and advice free

- [Tektronix at ESS 2003 UK](#)
- [Order "The Signal Integrity Test and Measurement Solution Pack"](#)
- [Waveforms Analysis in Switch Mode Made Easy](#)
- [New High-Speed Differential Probe](#)
- [Let's Talk Jitter - Order Your Free Jitter Primer](#)
- [Free Application Software Download - Try before you buy!](#)
- [Tektronix New Product Update - CSA/TDS8000 Series](#)
- [Special Offers Limited Time Only!](#)
- [Up to 50% off Reconditioned Products for a Limited Time only!](#)
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Tektronix at ESS 2003 UK

Don't miss 'Tektronix Signal Integrity Solution Demos' at the [Embedded Systems Show](#).

[Order your Free Tickets Today.](#)

Tektronix will be exhibiting the latest Signal Integrity Test and Measurement solutions focusing on Embedded real-time software analysis integrated into the Windriver debugger environment. Gbe and 10Gbe bus protocol stimulus and real-time analysis



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PAST ISSUES

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

D&M EVENTS

- [Embedded Systems Show \(14-15, May 2003\)](#)
- [PCIM \(20-22, May 2003\) - Order your Free Entrance Card Today](#)

NET SEMINARS

- [Signal Integrity Troubleshooting](#)
- [Debugging SPI-4.2 Systems](#)
- [Validation of Emerging Serial Communications Standards](#)
- [Testing Using TDR and TDT Methods](#)
- [Serial Data Analysis](#)

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solutions integrated with Ineoquest Technologies, Rapid I/O and SPI 3/4 high-speed real-time bus analysis solutions with Technology partners Tundra and Altera.

ExCeL, London
Stand No. 218
14 - 15 May, 2003

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Order "The Signal Integrity Test and Measurement Solution Pack"

This Comprehensive Pack is focused on: Signal Integrity, Communicator Bus Solutions and Gigabit/Ethernet Solutions. It highlights specific signal integrity challenges and critical steps to debugging signal integrity problems in digital domains. It also includes a step-by-step guide to integrated Debug of Embedded Systems and shows the benefits of a strategic approach to solve hardware and software debug challenges. [Order your Free Pack Now.](#)



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Waveforms Analysis in Switch Mode Made Easy

Most switching power supply designs incorporate active power factor correction circuits to achieve a unity power factor. Whilst this maximizes efficiency, it has also made waveform analysis with a digital oscilloscope cumbersome. Now, however, you can dramatically speed design and debug tasks by using a TDS5000 Series, TDS7054 or TDS7104 Digital Phosphor Oscilloscope (DPO) with [TDSPOWER2 Power Measurement and Analysis Software.](#)



[Order your Free Guide Book Now.](#)

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New High-Speed Differential Probe

Tektronix' proven expertise in differential probing brings you the newest high-speed differential probe. Tektronix has just introduced High Performance P7350 - 5.0 GHz Differential Probe. The P7350 provides excellent signal fidelity, meeting the needs of engineers in design & debug of technologies with very fast clock speeds and edge rates.



[Order your Free Data Sheet or the Probe Selector Guide.](#)

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Let's Talk Jitter - Order Your Free Jitter Primer

We all know Jitter is a complex topic. Tektronix' Jitter Primer entitled: "A Guide to Understanding and Characterizing Timing Jitter." is proving to be a very popular source for our readers! This 24 page booklet explains various jitter terms such as random jitter, deterministic jitter and data dependent jitter. [Order your Free Jitter Primer Now](#)



For more information on Jitter Measurement solutions, visit [Jitter And Timing Analysis.](#)

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Free Application Software Download - Try before you buy!

For selection of TDS/CSA Oscilloscope users, for your own application-specific needs, you can get [five free trials](#) for evaluation. Tektronix application software allowing you to perform functions such as jitter and timing analysis, 10/100/1000BaseT validation, power measurements, communications standards testing and much more.

**Upgrade CSA7000 and TDS7000 Series Firmware - Free of Charge**

[Download](#) the latest Firmware Upgrade for the CSA7154 and CSA7404 communications signal analyzers and the TDS7154, TDS7254, and TDS7404 Digital Phosphor Oscilloscopes.

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Tektronix New Product Update - CSA/TDS8000 Series

CSA/TDS8000B now supports continuous rate clock recovery from 9.8 to 12.6Gbps.

- ▶ [New Optical Sampling Modules for 10Gbps and Multi-Rate Applications](#)
- ▶ [Upgrade to the Latest Firmware Version 1.5](#)
- ▶ [Understand Multivalued Data Measurements](#)



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Special Offers Limited Time Only - See How Much You Could Save!

- ▶ Save up to 23% off list prices for integrated Signal Integrity Test and Measurement Solutions. [Have an Account Manager Contact You for More Details.](#)
- ▶ Power and the TDS5000 - [Save 40% Now](#)
- ▶ CSA7404 Serial Data Application Package - [Save 20% Now](#)
- ▶ [Special Discounts of 20% off TekSelect Logic Analyzers \(TLA600 Units\)](#)



If you don't see what you are looking for,
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Up to 50% off Reconditioned Products for a Limited Time only!

Tektronix currently has outstanding offers available on limited supplies of reconditioned sampling oscilloscopes and modules.

- Fast delivery
- Standard warranty included
- Assured outstanding product performance



For current availability and pricing, check out our [Sampling Oscilloscope Solutions TODAY](#) and if you don't see what you're looking for [Have an Account Manager Contact You](#)

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Tektronix New Wireless Communication Analyzer

Coupled with its exceptional measurement speed and outstanding accuracy, the WCA200A Series provides exceptional versatility for R&D and manufacturing applications.



Applications for 2G, 2.5G and 3G Wireless Design and Manufacturing:

- Characterization
- Troubleshooting
- Verification

Go to www.tektronix.com/wca to see the WCA200A Series in action.

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Tektronix Support - Single-Minded Commitment to Your Success

With a support presence in more than 50 countries, you can depend on Tektronix to provide expert technical support, on-site services, training, and self-service support.



- Industry's Fastest and Most Reliable Turn-around Time
- No Fine Print, No Exclusions, No Surprises
- Tektronix 90-Day Unconditional Service Warranty

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