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Darnell Group

NEWS

“Digital Power – Closing the Loop” – Paper Submissions for DPF '07 Reflect Expanding Market Acceptance of Digital Power

Corona, California, April 19, 2007 –The theme of Darnell’s Digital Power Forum 2007 (DPF '07), “Digital Power – Closing the Loop,” reflects the expanding market implementation of advanced digital power conversion and power management technologies and components. The call for papers was issued earlier this year, and the response has been strong. With an expected 400 to 500 delegates, DPF '07 will be the premiere event for the North American power electronics industry in 2007.

Delegates will have an opportunity to meet and talk with top executives and technical professionals of leading electronic equipment companies as well as key technical and management professionals in the power conversion and semiconductor industries. Delegates will also be able to see the latest components and development tools for practical digital power designs in the exhibition area. This focused three-day international conference will serve an audience of decision makers who are interested in learning about and contributing to the latest practical advancements and anticipated future developments related to digital power management in electronic systems and the use of digital control techniques in power converters.

Papers are being sought in several areas: 1) **Power Conversion Track** topics may include: controllers and control loops, communications, fault tolerance, stability analysis, converter efficiency, design tools, topologies, system partitioning between analog & digital, power quality & EMC, and so on. Application areas may include: ac-dc power supplies and dc-dc converters, telecommunications rectifiers, inverters, uninterruptible power supplies, lighting ballasts, and other applications. 2) **Digital Power Management Track** topics may include: improved system availability, voltage sequencing, hot plugging, fault monitoring, power management, distributed power architectures, system configuration, communications, and so on. Application areas may include: networking and communications systems, computing and storage systems, industrial, medical, portable computing and communications devices, and other applications.

“DPF '07 will be the most significant power electronics event in North America this year. We expect 400 to 500 delegates to converge on San Francisco for this important and unique forum,” stated Jeff Shepard, President of Darnell Group. “In the past 12 months, digital power has gone ‘mainstream’ and this year’s Digital Power Forum will reflect the expanded interest in and use of digital power conversion and digital power management. We will have significantly expanded exhibition space this year, as well as an expanded conference program,” Shepard concluded.

DPF '07 will feature a comprehensive program including: numerous technical sessions, a round table discussion, exhibits from industry, Breakfast with Darnell, and extensive networking opportunities. Delegates to DPF '07 will include: Power conversion company executives and engineers, Electronic equipment design professionals and engineers, Component suppliers, Applications engineers, Power system specifiers, Commodity managers for electronic system makers, Procurement engineers, Research and development professionals, and Industry/Financial analysts.

The Digital Power Forum Advisory Committee has been expanded for 2007 and includes representatives from Analog Devices, ColdWatt, Emerson Network Power, Energy Star, Ericsson Power Modules, Fairchild Semiconductor, IBM, Infineon Technologies, Intel, International Rectifier, Ixys, Maxim, NXP, Power-One, Primarion, Silicon Labs, STMicroelectronics, Texas Instruments, Tyco Electronics, and Zilker Labs.

Darnell Group is the leading source for worldwide strategic information covering the full spectrum of power electronics, energy storage and generation. The company specializes in the economic/business analysis of emerging power markets and technologies. Complete information on DPF '06 is available at: <http://digitalpower.darnell.com/>



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