



Tech Day Saint Paul, MN – May 7, 2009

Time	Session	Portable Power	Low-Power Wireless	System Power Supply Solutions	Signal-Chain Solutions	Innovations in Embedded Processing	Innovations in Application Processors
8 to 9 a.m.	Registration						
9 to 10 a.m.	1	Energy Harvesting <i>by Cymbet</i>	Low Power RF Basics and Modulation Techniques	Illuminating Facts About High Power LEDs, Both Visible and Invisible	Circuit Isolation Techniques and Implementation	FRAM: The Future of Embedded Memory for Microcontrollers	Linux Development Tutorial on TI Processors
10 to 10:30 a.m.	Break						
10:30 to 11:30 a.m.	2	Introduction to DC/DC Converter Topologies for Portable Applications	Improving the Range of Your LPW Design	Designing Power Drivers for Solid State Lighting (LEDs)	Op Amp Stability and Fixes	Understanding 32-Bit MCU Peripherals Advanced Capability in Embedded Systems Using the Piccolo™ MCU ControlSTICK	OMAP3 Graphics Overview
11:30 a.m. to 1 p.m.	Lunch/ Keynote/Exhibits						
1 to 2 p.m.	3	Stability, Transient Response, and Noise of Portable DC/DC Converters	Adapting TI LPW Reference Designs	Introduction to Digital Power	Sensors and the Analog Interface	Introduction to Targeted Code Generation for TMS320C2000™ MCUs <i>by The MathWorks</i>	Gaining an Edge in Developing IP Multimedia Devices <i>by Trinity Convergence</i>
2 to 2:15 p.m.	Break						
2:15 to 3:15 p.m.	4	Thermal Considerations for Surface Mount Parts	Wireless Medical Applications – Removing Wires from Patient Sensors	Choose Your Weapon – Selecting an Optimal MOSFET	Circuit Sensitivity with Emphasis on Analog Filters	Digital Motion Control System Design - From the Ground Up <i>by D3 Engineering</i>	Using the Zoom™ OMAP34x-II MDP as a Building Block for Your Embedded Design <i>by Logic</i>
3:15 to 3:30 p.m.	Break						
3:30 to 4:30 p.m.	5	Li-Ion Battery Characteristics, Trends and Its' Fuel gauge and Cell Balance in Multi-cell Battery Packs	Antennae Fundamentals for Low-Power Wireless Designs	Noise: Spread it Around	Approaches to Multi-Channel, High-Resolution Data Acquisition	Energy Harvesting for No-Power Embedded Systems	Introduction to Windows CE 6.0 on the OMAP35xx <i>by BSQUARE</i>

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