



Technology Day Cleveland - June 16, 2010

Time	Session	Signal Chain Solutions	Power	Low-Power Wireless	System/Board Level Solutions	Microcontrollers	Microcontrollers II
8:00 - 9:00	Registration						
9:00 - 10:00	1	Op Amp Stone Soup: A "Cookbook" Collection of Single Supply Op Amp Circuits	Minimizing Noise from Switching Power Supplies	Bringing TI's <i>Bluetooth</i> ® Technology to Embedded MCU Platforms	An Overview of TI's Next Generation Clock Synthesizers, Jitter Cleaners and Synchronizers	Energy Harvesting <i>by Cymbet</i>	Accelerating Product Development with Linux and TI Technology
10:00 - 10:30	Break						
10:30 - 11:30	2	High Voltage Signal Conditioning for ADCs	What's New in Power Supply Devices From TI?	Improving the Range of Your Low-Power RF Designs	Circuit Isolation Techniques and Implementations	FRAM: The Future of Embedded Memory for Microcontrollers	Leveraging TI's New WiFi and <i>Bluetooth</i> ® Offering for the OMAP35x Evaluation Module (EVM)
11:30 - 1:00	Lunch / Booths						
1:00 - 2:00	3	Op-Amp Noise Calculation, Simulation, and Measurement	Rechargeable Batteries and Their Optimized Chargers	Designing RF Systems With Low Power Consumption Targets	What is SuperSpeed USB (USB 3.0) and What Can I Do With It?	C2000™ Digital Power Solutions: AC/DC and DC/DC	Design Challenges and Solutions of Human Machine Interface Designs
2:00 - 2:15	Break						
2:15 - 3:15	4	Understanding and Protecting Against Electrical Overstress (EOS) of Operational-Amplifiers	TI Lighting Power Solutions Overview	Low-power RF Protocol Overview	ESD Protection: Protecting the Complete System	Introduction to Stellaris® ARM Cortex™-M3 MCUs	How to Choose a Low-Power Processor for Your Application
3:15 - 3:30	Break						
3:30 - 4:30	5	Solving Common Design Issues in High-Speed Analog-to-Digital Converters	NexFET™ Applications and Selection	CC430: MCUs for Space Constrained, Ultra-Low-Power Wireless Applications	Reducing EMI: Circuit & PCB Design Techniques	MSP430F5xx: Bigger, Faster, Lower Power – The Next Generation MSP430™	Design Considerations when Selecting an ARM® Processor for your Industrial Design

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