



Technology Day Philadelphia – October 28, 2010

Time	Session	Sensors and Instrumentation	Embedded Processing	Application Solutions	Wireless Connectivity	Signal Integrity and Layout Issues	Power Supply Design Seminar SEM1900
8 to 9 a.m.	Registration & Booths / Continental Breakfast						
9 to 10 a.m.	1	Design Considerations for the Analog Front End of ECG Systems	Embedded Web Server-Enabled Design Made Easy with Stellaris® MCUs (Part 1)	Compensating for Sensor Drift and Nonlinearity	Customer Design Considerations for the Low-Power RF System	High-Speed Layout Considerations	SEM1900: Incorporating Active-Clamp Technology to Maximize Efficiency in Flyback and Forward Designs AND SEM1900: Under the Hood of Flyback SMPS Designs
10 to 10:30 a.m.	Break / Booths						
10:30 to 11:30 a.m.	2	High-Speed Op-Amp Design Considerations	Embedded Web Server-Enabled Design Made Easy with Stellaris® MCUs (Part 2)	TINA-TI™ Software: Analog and Power Simulation Made Easy	Range Considerations for RF Networks	Signal Integrity Modeling and Simulation Capabilities Available to TI Customers	SEM1900: Designing an LLC Resonant Half Bridge Power Converter
11:30 a.m. to 1 p.m.	Lunch / Booths						
1 to 2 p.m.	3	Op-Amp Stone Soup: A "Cookbook" Collection of Single-Supply Op-Amp Circuits	MSP430F5xx: Bigger, Faster, Lower Power – the Next-Generation MSP430™ MCU	TI Lighting Power Solutions Overview	Bringing TI's <i>Bluetooth</i> ® Technology to Embedded MCU Platforms	Understanding Clock Basics and Portfolio – the Capabilities and Limitations of Frequency Generation and Meeting Jitter/Phase Noise	SEM1900: Power Factor Correction Using the Buck Topology - Efficiency Benefits & Practical Design Considerations AND SEM1900: New Product Offerings from Texas instruments
2 to 2:15 p.m.	Break / Booths						
2:15 to 3:15 p.m.	4	Sensors and the Analog Interface	Introduction to TI's Latest High-Performance Processors with Speeds of 1 GHz and Beyond	Contactless Charging	What is RF4CE and Would My Customer Use It?	Class-D PCB Layout	SEM1900: Designing Magnetic Components for Optimum Performance in Low-Cost, AC-DC Converter Applications
3:15 to 3:30 p.m.	Break / Booths						
3:30 to 4:30 p.m.	5	Instrumentation Amplifier Noise Analysis	Getting Started with Android Today and Maximizing Your Effectiveness	How to Get the Best Performance Out of Your High-Speed Data Converter	Simple Point-to-Point Communication Using the CC11xx/CC25xx Radio	Minimizing Noise from Switch Mode Power Supplies	SEM1900: A New Dual Half-Bridge, DC/DC Converter with Wide-Range ZVS and Zero Circulating Current AND SEM1900: Designing a Solar-Cell Driven LED Outdoor Lighting System - A Comparison of Digital and Analog Power Control Solutions

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