



Technology Day Toronto - October 20, 2010

Time	Session	Microcontrollers	Embedded Processing	Power and Analog	Wireless	Signal Chain Solutions	Power Supply Design Seminar, SEM1900
8 to 9 a.m.	Registration & Booths / Continental Breakfast						
9 to 10 a.m.	1	Introduction to Stellaris® ARM Cortex™-M3 MCUs Hands-On Workshop (<i>Part 1 of 2</i>)	Getting Started with Android Today and Maximizing Your Effectiveness	DC/DC Converters 101	Low-Power RF Protocol Overview	Instrumentation Amplifier Noise Analysis	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	Introduction to Stellaris® ARM Cortex™-M3 MCUs Hands-On Workshop (<i>Part 2 of 2</i>)	Introducing the Graphics Capabilities of TI SoC's	DC/DC Converters 102	Everything You Wanted to Know About SimpliciTI™	Data Conversion, Specs to Systems	SEM1900: Designing an LLC Resonant Half Bridge Power Converter
11:30 a.m. to 1	Lunch / Booths						
1 to 2 p.m.	3	FRAM: Opening New Horizons for Embedded Developers	Introduction to TI's Latest High-Performance Processors with Speeds of 1 GHz and Beyond	NexFET Applications and Selection	6LoWPAN: How to Connect LPRF Solutions to the Internet	Easy-to-Use, Low-Noise Crystal Buffer and VCXO	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	Energy Harvesting by <i>Cymbet</i>	Video Analytics on TI Processors	Battery Management Basics	Improving the Range of Your Low-Power RF Designs	High-Speed Layout Considerations	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	Bringing TI's <i>Bluetooth®</i> Technology to Embedded MCU Platforms	Skype D1 Video Phone Solution Based on DM365	New, Differentiated Audio-Enabled Products from TI for 2011 that Solve New Market Trends	Fundamentals of Antenna Design by <i>LSR</i>	Op Amp Stone Soup: A "Cookbook" Collection of Single Supply Op Amp Circuits	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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