



Technology Day Seattle, WA – September 23, 2010

Time	Session	Wireless	Analog	Microcontrollers	Embedded Processing	Power Supply Seminar SEM1900
8 to 9 a.m.		Registration & Booths / Continental Breakfast				
9 to 10 a.m.	1	RF Basics, Tools and Getting Started	Using Fully Differential Op Amps to Signal Condition High-Voltage Signals to Drive ADCs	Introduction to Stellaris® ARM Cortex™-M3 MCUs	High Performance and Easy to Use – TI's new Sitara™ AM37x ARM Microprocessors	Incorporating Active-Clamp Technology and Designing Flyback SMPS Circuits
10 to 10:30 a.m.		Break / Booths				
10:30 to 11:30 a.m.	2	Market Drivers and Technology Enablers for Wireless Connectivity in Medical	Data Conversion: Specs to Systems	The Future of Low-Power Micros: Energy Harvesting and Ultra-Low Power Memory (FRAM)	Building Industrial Systems with TI's OMAP-L138 and AM18x Platforms	LLC Resonant Half-Bridge Design
11:30 a.m. to 1 p.m.		Lunch / Booths				
1 to 2 p.m.	3	Passive Low-Frequency Wireless (PaLFI) Solutions for All Applications, Including Medical	Op-Amp Noise Calculation Simulation and Measurement	Stellaris Processor Human Machine Interface (HMI) Hands-on Workshop (Part 1)	Sitara AM35x Hands-on Workshop (Part 1)	Power Factor Correction with a Buck Converter and New Product Offerings from Texas Instruments
2 to 2:15 p.m.		Break / Booths				
2:15 to 3:15 p.m.	4	Improving the Range of Your Low-Power RF Designs	Sensor Signal Conditioning and Interface for Medical	Stellaris Processor Human Machine Interface (HMI) Hands-on Workshop (Part 2)	Sitara AM35x Hands-on Workshop (Part 2)	Designing Magnetic Components
3:15 to 3:30 p.m.		Break / Booths				
3:30 to 4:30 p.m.	5	Texas Instruments Wireless Products and What Works Best for Your Design	Lithium Polymer and Lithium Iron Phosphate Batteries <i>Presented by MicroPower Inc</i> and Wireless Charging Technologies by TI	Stellaris Processor Human Machine Interface (HMI) Hands-on Workshop (Part 3)	Sitara AM35x Hands-on Workshop (Part 3)	A New Dual Half-Bridge DC/DC Converter and Solar-Cell-Driven LED Outdoor Lighting

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