



# Technology Day Toronto, Ontario – September 9, 2009

Time	Session	Low-Power Wireless and RFID	End-Equipment Implementations	Signal-Chain Solutions	Innovations in Embedded Processing	Power Supply Design	MCU Day
8 to 9 a.m.	<b>Registration</b>						
9 to 10 a.m.	1	RF Basics	PoEPlus - The New Standard for Ethernet Power	Tackling EMI and RFI at the Board and System Level	Breaking the mW/MHz Mindset: How to Navigate TI's Processor Portfolio	Understanding Power-Supply Efficiency	TI's MCU Portfolio
10 to 10:30 a.m.	<b>Break</b>						
10:30 to 11:30 a.m.	2	Low-Power RF protocol Overview	Design Considerations for the Analog Front End of a Pulse Oximeter	Why Use a 24-Bit Converter When You Only Need 12-Bits?	Introduction to Code Composer Studio™ v4.0	Component Selection, Layout and Thermal Design Consideration for DC/DC Converters	MSP430 Overview and Support
11:30 a.m. to 12:30 p.m.	<b>Lunch</b>						
12:30 to 1:30 p.m.	3	Eliminating Wires Made Simple with SimpliciTI™	Technical Implementation of Power Line Communication from Narrowband to Broadband	Designing Mixed-Signal Systems with Noise Reduction Techniques in Mind	Essential Concepts of Complex SoC Design for products like OMAP™ and DaVinci™	LED Lighting: Drive Circuitry and More	The MSP430F5xx Portfolio and New MSP430 Technologies
1:30 to 1:45 p.m.	<b>Break</b>						
1:45 to 2:45 p.m.	4	Compliance by Design <i>Presented by LS Research</i>	DLP® Products - Introduction and Overview of New Applications	Op Amp Stone Soup: A "Cookbook" Collection of Single-Supply Op Amp Circuits	HD Digital Video Recorder Using TI DM6467 <i>Presented by Ingenient Technologies</i>	Rechargeable Batteries and Their Optimized Chargers	C2000™ MCU Overview including Piccolo and Delfino
2:45 to 3 p.m.	<b>Break</b>						
3 to 4 p.m.	5	RFID in Medical Applications	Energy Harvesting <i>Presented by Cymbet</i>	Sensors and the Analog Interface	Embedded Linux on the DaVinci/OMAP Platforms <i>Presented by Nuvation</i>	NexFET™, How To Design with Highly Efficient MOSFETs	Stellaris® Cortex™ M3 MCU

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