



## Technology Day Minnesota – May 19, 2010

Time	Session	Workshops	MCU	DSP	Medical	Low-Power Wireless	Power	Signal Chain
8 to 9 a.m.	<b>Registration</b>							
9 to 10 a.m.	1	Embedded Web Server-Enabled Design Made Easy with Stellaris® MCUs <i>(Part 1 of 2)</i>	ARM – Cortex A, R, M Overview	Graphical Development on C6x Using c6f10	Market Drivers and Technology Enablers for Wireless Connectivity in Medical	RF Basics, Tools and Getting Started	There's More to Linear Regulators Than You Think	Instrumentation Amplifier Noise Analysis
10 to 10:30 a.m.	<b>Break</b>							
10:30 to 11:30 a.m.	2	Embedded Web Server-Enabled Design Made Easy with Stellaris® MCUs <i>(Part 2 of 2)</i>	Stellaris® ARM-based MCUs: Communications Introduction	Efficient Fixed-Point Programming	Sensor Signal Conditioning & Interface for Medical	Frequency-Hopping Software Solution for TI LPRF Radios	Designing an Offline Multi-String LED Driver Solution Utilizing TI's SimpLEDrive™ Devices	Go Green – High-Performance, Low-Power Data-Acquisition Solutions
11:30 a.m. to 1 p.m.	<b>Lunch</b>							
1 to 2 p.m.	3	Everything You Wanted to Know About the SimpliciTI™ Network Protocol <i>(Part 1 of 3)</i>	FRAM: Opening New Horizons for Embedded Developers	Using TI's Codec Engine and IUNIVERSAL to Accelerate Algorithms	Discrete and Integrated ECG Design Concepts	Range Considerations for RF Networks	Contactless Charging	High-Performance, Low-Power Touch-Screen Controllers for Resistive and Multi-Touch Systems
2 to 2:15 p.m.	<b>Break</b>							
2:15 to 3:15 p.m.	4	Everything You Wanted to Know About the SimpliciTI™ Network Protocol <i>(Part 2 of 3)</i>	Code Composer Studio™ IDE v4.0	Linux Development Tutorial on TI Processors	Passive Low-Frequency Wireless (PaLFI) Solutions for All Applications, Including Medical	Design Solutions for High-Fidelity Wireless Audio Using TI's PurePath™ Technology	Energy Harvesting <i>by Cymbet</i>	How to Get the Best Performance Out of Your High-Speed Data Converter
3:15 to 3:30 p.m.	<b>Break</b>							
3:30 to 4:30 p.m.	5	Everything You Wanted to Know About the SimpliciTI™ Network Protocol <i>(Part 3 of 3)</i>	ControlSuite™ Technology – A New Look at MCU Software	Linux Quick Boot: How to Shorten OS Boot Times to Two Seconds or Less	DLP® Technology: Real-World Medical Applications and Beyond	Design, Review and Scaling Small Antennas for Maximum Performance	Choosing the Right Devices to Power Your Altera or Xilinx FPGA	FilterPro™ 3 Software: An Updated Tool for Making Active Filter Designs Even Easier

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