



## Technology Day Atlanta - June 8, 2010

Time	Session	Analog Workshops	Low-Power Embedded Processing	Video	Wireless	Power Supply Design	Signal Chain Solutions
8 to 9 a.m.	<b>Registration</b>						
9 to 10 a.m.	1	TLV320AIC3254 Audio Codec with miniDSP Hands-On Demo	Understanding 32-Bit MCU Peripherals' Advanced Capability in Embedded Systems Using the Piccolo™ MCU ControlSTICK ( <i>Hands-On Lab Part 1</i> )	Implementing Skype Video Conferencing on the DM36x	Range Considerations for RF Networks	Switching Power Supplies Made Easier with TI's DCAP™ Control Topology	Op Amp Stone Soup: A "Cookbook" Collection of Single-Supply Op-Amp Circuits
10 to 10:30 a.m.	<b>Break</b>						
10:30 to 11:30 a.m.	2	CC8520 Wireless Audio System-on-Chip Hands-On Demo	Understanding 32-Bit MCU Peripherals' Advanced Capability in Embedded Systems Using the Piccolo™ MCU ControlSTICK ( <i>Hands-On Lab Part 2</i> )	How to Interface with Video Displays	So You Want Wi-Fi? <i>by LSR</i>	Simplifying Battery Charging for Lithium Cells Using PowerPath Management	Op-Amp Stability Analysis and Fixes
11:30 a.m. to 1 p.m.	<b>Lunch</b>						
1 to 2 p.m.	3	TAS5630 Audio Power Stage Hands-On Demo	Energy Harvesting <i>by Cymbet</i>	Introducing the Graphics Capabilities of TI SoCs	Bringing TI's <i>Bluetooth®</i> Technology to Embedded MCU Platforms	Years of Power Supply Tips and Tricks and Lessons Learned	Evaluating Analog-to-Digital Converters with ADCPro
2 to 2:15 p.m.	<b>Break</b>						
2:15 to 3:15 p.m.	4	Open Session	Hands-On Training with the C5505 eZdsp USB Stick Development Tool ( <i>Part 1</i> )	TI's Community Linux Strategy and Partners for DaVinci™, OMAP™ and Sitara™ Processors	Connecting Low-Power Sensor Nodes to the Internet by Synapse	TI Lighting Power Solutions Overview	Understanding Clock Basics and Portfolio – the Capabilities and Limitations of Frequency Generation and Meeting Jitter/Phase Noise Requirements
3:15 to 3:30 p.m.	<b>Break</b>						
3:30 to 4:30 p.m.	5	C2000™ DSP Digital Lighting Control Demo	Hands-on Training with the C5505 eZdsp USB Stick Development Tool ( <i>Part 2</i> )	Achieving 720p encode/decode performance on OMAP3 by leveraging the Cortex processor and the IVA2.2	Plug into the Smart Grid	NexFET™ Power MOSFET Applications and Selection	Interfacing Data Converters with FPGAs

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