



Technology Day New Jersey - August 24, 2010

Time	Session	Power Supply Design	High-Speed Analog Design Considerations	Precision Analog Design Considerations	Embedded Processing Design	Application Solutions
8 to 9 a.m.	Registration					
9 to 10 a.m.	1	Battery Management Basics	High-Speed PCB Layout Considerations	Deciphering Electrical Characteristics in an Op Amp Datasheet	Introduction to Code Composer Studio™ v4 With Demo	TI's LED Lighting Solutions Overview
10 to 10:30 a.m.	Break					
10:30 to 11:30 a.m.	2	Power Supply Tips and Tricks	High-Performance Differential ADC Input Interface Design	Instrumentation Amplifier Noise Analysis	Considerations for Choosing the Right TI ARM-Based Microprocessor	SuperSpeed USB (USB 3.0): What and When?
11:30 a.m. to 1 p.m.	Lunch / Booths					
1 to 2 p.m.	3	Power Supply Layout Considerations	Understanding Clock Jitter	Op Amp Stone Soup: A "Cookbook" Collection of Single Supply Op Amp Circuits	Introduction to Stellaris® ARM Cortex-M3 MCUs	C2000™ Digital Power Solutions: AC/DC and DC/DC
2 to 2:15 p.m.	Break					
2:15 to 3:15 p.m.	4	Designing Your Power Supplies to be Green	Clocking to Maximize High-Speed Signal Chain Performance	Intro to Motors & Motor Control	Addressing Design Challenges Using System on Modules and Single Board Computers	Leveraging TI's New WiFi and Bluetooth® Offering for the OMAP35x Evaluation Module
3:15 to 3:30 p.m.	Break					
3:30 to 4:30 p.m.	5	FPGA Cookbook Solutions	Interfacing High-Speed Data Converters to FPGAs	Digitizing Your Motor Control Design	CC430: MCUs for Space Constrained, Ultra-Low-Power, Wireless Applications	Low Power RF Protocol Overview

C2000 and Code Composer Studio are trademarks and Stellaris is a registered trademark of Texas Instruments. The Bluetooth word mark and logos are owned by Bluetooth SIG, Inc. All other marks are trademarks of their respective owners.

© 2010 Texas Instruments Incorporated.

