



Tech Day Cleveland, OH – April 7, 2009

Time	Session	Low-Power Wireless	Power Management	Signal Conditioning	Board/System Level Solutions	Embedded Processing
8 to 9 a.m.	Registration					
9 to 10 a.m.	1	Getting Started with the TI Low-Power RF Portfolio	PoE Plus – The New Standard for Ethernet Power	The New THS4521 Fully Differential Amp Driving ADCs	Understanding Noise-Spreading Techniques and Their Effects in Switch-Mode Power Applications	Designing for Ultra-Low-Power with MSP430
10 to 10:30 a.m.	Break					
10:30 to 11:30 a.m.	2	An Introduction to Antennas and the Theories Behind Them	Component Selection, Layout and Thermal Design Consideration for DC/DC Converters	High-Speed Layout Considerations	Digital Power Solutions: AC/DC and DC/DC	Stretching Your MCU Piccolo™ Bucks In Real-Time Control Design
11:30 a.m. to 1 p.m.	Lunch / NexFET™, How To Design with Highly Efficient MOSFETs					
1 to 2 p.m.	3	MSP430 in Low-Power RF Network Solutions	Transition Mode PFC Flyback for LED Applications	Op-Amp SAR Converter Drive: Effects of the Wrong R-C on the Op Amp	Reducing EMI: Circuit and PCB Design Techniques	Getting Started With Video and Imaging Application Development
2 to 2:15 p.m.	Break					
2:15 to 3:15 p.m.	4	Introduction to ZigBee® Networking	SwitcherPro™ Tool	Op-Amp Stability Analysis and Fixes	Power-Supply Design for Digital Designers	Software Development for OMAP35x High-Performance Application Processors
3:15 to 3:30 p.m.	Break					
3:30 to 4:30 p.m.	5	Using the CC2500/CC1100 to Design a Wireless UART	Safe and Fast Battery Charging for Portable Devices	Approaches to Multichannel, High-Resolution Data Acquisition	Design Considerations for the Analog Front End in Next Generation Pulse Oximeters	Leveraging Adobe Flash Technology on DaVinci™ and OMAP™ <i>by Digilink Software, Inc.</i>

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