



Technology Day Boston, MA – September 15, 2009

Time	Session	32-Bit Microcontroller	Innovations in Embedded Processing	Microcontroller Topics	Innovations in Applications Processing	Power-Supply Design	Signal-Chain and Battery Power Design Considerations	Analog Board-Level Design	Low-Power Wireless and Circuit Isolation
8 to 9 a.m.		Registration							
9 to 10 a.m.	1	TMS320F28027 Piccolo Mini Workshop <i>(Part 1 of 2)</i>	Power Consumption of Embedded Processors and the Advantages of SmartReflex™	MSP430F5xx Hands-On Workshop <i>(Part 1 of 2)</i>	10 Reasons You Should Use OMAP3 in Your Next Design	Understanding Power Supply Efficiency	Basic PWM Technique for Amplifiers	An Overview of TI's Next-Generation Clock Synthesizers, Jitter Cleaners and Synchronizers	Circuit Isolation Techniques and Implementations
10 to 10:30 a.m.	2	Registration							
10:30 to 11:30 a.m.		TMS320F28027 Piccolo Mini Workshop <i>(Part 2 of 2)</i>	Linux Development Tutorial on TI Processors	MSP430F5xx Hands-On Workshop <i>(Part 2 of 2)</i>	Using the Zoom OMAP34x-II MDP as a Building Block for Your Embedded Design <i>Presented by Logic</i>	NexFET™, How to Design with Highly Efficient MOSFETS	Design Considerations for High-Performance Audio A/D Converters	Tackling EMI and RFI at the Board and System Level	6 Things You Need to Know to Design Wireless <i>Presented by Venture Technologies</i>
11:30 a.m. to 12:30 p.m.	3	Lunch							
12:30 to 1:30 p.m.		Introduction to Stellaris® ARM Cortex™-M3 MCUs	HD Digital Video Recorder Using TI DM6467 <i>Presented by Ingenient</i>	Introduction to Targeted Code Generation for TMS320C2000™ MCUs	Hands-On OMAP-L1x Boot-Camp <i>(Part 1 of 3)</i>	Power Supply Layout Considerations	Li-Ion Technology and Battery Management	Why Use a 24-Bit Converter When You Only Need 12-Bits?	Compliance by Design <i>Presented by LS Research</i>
1:30 to 1:45 p.m.	4	Break							
1:45 to 2:45 p.m.		Embedded Web Server-Enabled Design Made Easy with Stellaris MCUs <i>(Part 1 of 2)</i>	Exploring Windows Embedded CE 6.0 on the OMAP35xx <i>Presented by Bsquare</i>	FRAM: The Future of Embedded Memory for Microcontrollers	Hands-On OMAP-L1x Boot-Camp <i>(Part 2 of 3)</i>	Power Beginner's Hands-On Workshop	Aftermarket Battery Packs - Revelations from Product Tear-Downs <i>Presented by MicroPower Electronics</i>	Op Amp Stone Soup: A "Cookbook" Collection of Single-Supply Op-Amp Circuits	Antenna Design with Physware's PhysWAVE EM simulation tool
2:45 to 3 p.m.	5	Break							
3 to 4 p.m.		Embedded Web Server-Enabled Design Made Easy with Stellaris MCUs <i>(Part 2 of 2)</i>	Digital Motion Control System Design – From the Ground Up	Integrated USB Connectivity with MSP430 MCUs	Hands-On OMAP-L1x Boot-Camp <i>(Part 3 of 3)</i>	ESD Protection: Protecting the Complete System	Energy Harvesting <i>Presented by Cymbet</i>	The New THS4521 Fully Differential Amp Driving ADCs	RF4CE / RemoTI™ Technical Overview
4 to 5 p.m.		Reception							