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Editorial		Ads		Print and E-cast Topics			Online Topics	
Volume 8	Abstracts	Close	SILICON Contributed material		SOFTWARE Contributed material	STRATEGIES Contributed material	PROMOTIONS SHOWS E-CASTS	E-letters Contributed material
ISSUE	Articles	Materials						
<b>January</b> E-letter only	14Dec09	18Dec09					<ul style="list-style-type: none"> <li>Consumer Electronics Show</li> </ul>	<b>The Embedded Side of CES</b> White paper: <b>Multicore silicon</b>
<b>February</b> Issue 1	27Nov09 10Dec09	Dec 10 6Jan10	<b>Microcontrollers: breaking 8-, 16-, 32-bit boundaries</b> Quick guide: MCUs, reference designs, development kits		<b>Compilers, code analysis, modeling, debug, trace, profiling technology</b> Quick guide: Embedded programming tools	<b>Android, Eclipse, LabVIEW, Symbian, and community-driven platforms</b> Quick guide: Embedded communities, platforms, and apps	<ul style="list-style-type: none"> <li>Mobile World Congress</li> <li>E-cast: <b>EDA/ESL</b></li> </ul>	<b>Deep Green</b> White paper: <b>Programming Tools</b>
<b>March</b> E-letter only	12Feb10	20Feb10					<ul style="list-style-type: none"> <li>Embedded World</li> </ul>	<b>Embedded Tech in Phones and MID's</b> White paper: <b>Microcontrollers</b>
<b>April</b> Issue 2	27Jan10 9Feb10	9Feb10 2Mar10	<b>High-end multicore: CPUs, GPUs, Network Processors</b> Quick guide: Multicore processors, chipsets, and boards		<b>New ground in operating systems: RTOS, Linux, Windows Embedded</b> Quick guide: Embedded operating systems	<b>Applications: Mobile devices, Automotive, Home, Industrial, Medical</b> Executive Speakouts on Device Apps	<ul style="list-style-type: none"> <li><b>Bonus ESC Silicon Valley Issue</b></li> <li>ESC Silicon Valley</li> </ul>	<b>From the Floor at ESC</b> White paper: <b>Operating Systems</b>
<b>May</b> Issue 3	26Feb10 11Mar10	11Mar10 1Apr10	<b>Shape shifting: FPGAs, CPLDs, more programmable logic, IP</b> Quick guide: FPGAs, programmable logic, boards, IP, tools		<b>Virtualization: mix and match cores, OS, costs with needs</b> Quick guide: Software development kits for any application	<b>Security: keeping ahead of the game</b> Quick guide: Security-focused chips, software, devices	<ul style="list-style-type: none"> <li>Multicore Expo</li> <li>E-cast: <b>FPGAs and CPLDs</b></li> </ul>	<b>Deep Green</b> White paper: <b>FPGAs and Programmable Logic</b>
<b>June</b> Issue 4	26Mar10 9Apr10	9Apr10 30Apr10	<b>Around the core: memory, Ethernet, PCI Express, USB, graphics, HDMI, audio, wireless, and more</b> Quick guide: Memory, connectivity, multimedia chipsets		<b>EDA: verification, DFM, simulation, and moving beyond basic RTL</b> Quick guide: EDA and ESL design, simulation, verification tools	<b>Focus on low power, energy-efficient, green designs and applications</b> Executive Speakouts on Deep Green	<ul style="list-style-type: none"> <li>Design Automation Conference</li> <li>E-cast: <b>Around the Core: PCI Express and USB, SoCs</b></li> </ul>	<b>Windows Embedded</b> White paper: <b>EDA tools</b>
<b>July</b> E-letter only	11Jun10	18Jun10						<b>EDA: The Latest from DAC</b> White paper: <b>Green device design</b>
<b>August</b> Issue 5	27May10 10Jun10	10Jun 10 21Jun10	<b>Annual Embedded Computing Design Resource Guide</b> Editorial and full product listings: MCUs and ref designs • Embedded programming tools • Multicore processors • Embedded operating systems • Board-level products System-level products • FPGAs and prog logic • SDKs • Security chips and software • Memory • Connectivity chipsets • Multimedia chipsets EDA and ESL tools • SoCs and reference designs • Connectors • Graphical design tools • Simulation and modeling • LCD displays Hard drives • Solid-state drives • MRAM and Flash • and more ideas				<ul style="list-style-type: none"> <li><b>Bonus ESC Boston Issue</b></li> <li>ESC Boston</li> <li>NIWeek</li> <li>E-cast: <b>Software Development Tools</b></li> </ul>	<b>Deep Green</b> Whitepaper: <b>Security</b>
<b>September</b> E-letter only	13Aug10	20Aug10						<b>Embedded Linux and Devices</b> White paper: <b>SDKs for Mobile Apps</b>
<b>October</b> Issue 6	30Jul10 12Aug10	12Aug10 25Sep10	<b>Multicore on a device mission: SoCs</b> Quick guide: SoCs, reference designs, development kits		<b>New frontiers: graphical system design, Java, Web 2.0, virtual platforms, and more</b> Quick guide: Graphical design, prototyping, simulation tools	<b>Same processor, different boards: Adding value around x86 chips</b> Quick guide: x86 modules and boards	<ul style="list-style-type: none"> <li>SAE Convergence</li> <li>E-cast: <b>High-End Multicore</b></li> </ul>	<b>ESC and NIWeek Highlights</b> White paper: <b>Multicore programming</b>
<b>November</b> Issue 7	30Aug10 13Sep10	13Sep10 4Oct10	<b>Technology for low power and energy efficiency in devices</b> Quick guide: Low-power core IP, power mgmt chips, batteries, energy harvesting		<b>Advanced multicore programming with Embedded Linux and RTOS</b> Quick guide: Multicore programming libraries, tools	<b>EDA: dealing with mixed signal, power, high-speed interconnects</b> Quick guide: EDA mixed signal, power optimization tools, IP	<ul style="list-style-type: none"> <li>Electronica</li> <li>E-cast: <b>Low-Power Devices</b></li> </ul>	<b>Deep Green</b> White paper: <b>New SW frontier</b>
<b>December</b> Issue 8	29Sep10 12Oct10	12Oct10 2Nov10	<b>Memory and disk: flash, MRAM, phase change, disks, emerging standards</b> Quick guide: Hard drives, solid-state disks, MRAM chips, flash chips		<b>Infotainment browsers and application frameworks: Mobile, Auto, Home</b> Quick guide: Multimedia middleware, content delivery tools	<b>Annual Trends Issue: Editor's Choice Revisited with Executive Speakouts</b>	E-cast: <b>Embedded Linux</b>	<b>Top 20 Embedded Device Stories</b> White paper: <b>Flash and SSDs</b>

**Columns:** Left to My Own Devices • Deep Green

**New Products:** Be sure to enter your new products into our product database at [submit.opensystemsmedia.com](http://submit.opensystemsmedia.com) to be considered for inclusion in any New Products section. These products are also included in our social media networks, including Twitter (@embedded\_mag) and our Embedded Computing Design LinkedIn group.

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*Due to ongoing developments in the embedded electronics industry, topics on this calendar are subject to change without notice.*

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