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Editorial		Ads		EDITORIAL FEATURES				
Volume 5	Abstracts	Close	SPECIAL FEATURE	MILITARY MATERIAL:	APPLICATION FEATURE	PROMOTIONS		
ISSUE	1st Draft	Materials	Staff-written	TECHNOLOGY FEATURE	Contributed material	SUPPLEMENTS	TRADE SHOWS	
<i>E-letters will have the same focus as the Special Feature with bonus contributed material. E-letters are published monthly.</i>								
Jan/Feb Issue 1	10Oct08 7Nov08 8Dec08	8Dec08 11Dec09	Component obsolescence (DMSMS/OBS) Counterfeit components How to tell, what to do Radiation redesign	Top 10 technologies for the war fighter Vendors encouraged to submit product ideas to an OSM editor	Mass storage Key processor highlights/roadmaps AMD, ARM, Freescale, IBM, Intel, Sun, VIA	 Supplement on chassis/cooling/cabling, mechanical products ◆ AFCEA West ◆ AUSA Winter ◆ Military & Aerospace Electronics Forum		
Mar/Apr Issue 2	1Dec08 5Jan09 30Jan09	30Jan09 11Feb09	RTOS updates: Real time, MILS, Common Criteria, DO-178 Open source: Linux, OpenGL, Java, Eclipse, others	Trends in graphics, imaging, simulation: what's new?	Small form factors; rugged duty Mini-ITX, PC/104, UMPC, COM Ruggedization techniques Shock, vibration, thermal, cooling	 Supplement on rugged small form factor boards and systems ◆ ESC Silicon Valley ◆ VITA Critical Embedded Systems MediaFest		
May Issue 3	5Jan09 2Feb09 27Feb09	27Feb09 12Mar09	Multi-processing FPGA boards/systems CompactPCI, VME, VXS, VPX, AMC, PMC/XMC/FMC	Communications and net-centric computing - ATCA, MicroTCA, and other PICMG standards - Civilian wireless (cellular, WiFi, WiMAX)	Data acquisition and I/O products for avionics, shipboard, vetronics	◆ Design Automation Conference		
June Issue 4	2Feb09 2Mar09 3Apr09	3Apr09 15Apr09	Security: Storing critical data - MILS, Common Criteria, DO-178B/C, ARINC-653 - Crypto, COMSEC, IPv6 - Biometrics, RFID, others	Multi-core/multi-processor SBCs for C4ISR - Virtualization and software issues - Multi-processor/multi-core roadmaps	What's new in testing? - EMI, HALT/HASS - Component uprating - Analyzers, ICE, debuggers	DSP-FPGA.com Supplement on FPGAs and Reconfigurable Computing ◆ SDR Forum		
Jul/Aug Issue 5	3Apr09 1May09 1Jun09	1Jun09 11Jun09	Digital Signal Processing (DSP) boards/systems - From algorithm to hardware - Code development tools/optimization - IP cores	Top 10 reconfigurable computing lessons - Hardware and FPGA trends - Software issues - IDEs and operating systems	Software-Defined Radio (SDR) - JTRS update - Latest boards/software	 Supplement on VME products ◆ Intel Developer Forum ◆ RapidIO Design Summit ◆ Flash Memory Summit		
Sept Issue 6	5Jun09 30Jun09 24Jul09	24Jul09 5Aug09	Annual Military Embedded Systems Resource Guide				◆ MILCOM ◆ ESC Boston ◆ AUSA Washington DC	
			POINT: The Vendor View - Industry execs predict COTS future COUNTERPOINT: The Military Primes/Subs View - What they need from COTS vendors and industry Key Resource Guide categories include: Boards, Multi-core, Packaging/Mechanical/Chassis, Rugged Boards and Computers, Small Form Factors, Sensors, Systems, Power Conversion, Mass Storage, Middleware/Software, Virtualization, Test and Instrumentation					
October Issue 7	3Jul09 31Jul09 31Aug09	31Aug09 9Sep09	DoD budget: Top COTS tech for 2010	Put the mettle to the metal Design techniques for conduction- and air-cooling	Simulation boards and systems - Hardware simulators - Software simulation tools	 Supplement on PICMG and communications-related products		
Nov/Dec Issue 8	21Aug09 18Sep09 16Oct09	16Oct09 30Oct09	Enterprise software for military use - Project management; logistics - Cost estimation/accounting - Databases - Terrain/graphics	Power conversion - Batteries and power supplies - DC-DC converters; components; EMI/RFI	Listen up - Hardware consortia update PC/104, SFF-SIG, PCI-SIG, PICMG, VITA, others ...	 Supplement on power products and batteries ◆ I/ITSEC		

Columns: Crosshairs Editorial • Daily Briefing • Field Intelligence • Industry Analysis • Legacy Software Migration • Military Technology Insider
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Occasional Feature: Under the mScope ... the latest in CPUs and MCUs
E-letters: E-letters will have the same focus as the Special Feature with bonus contributed material.
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