

## CAST 's 200th 8051 IP Core License Goes to Ensphere Solutions

**Woodcliff Lake, NJ — March 12, 2013** — Semiconductor intellectual property provider CAST, Inc. marked its sixteenth year providing [8051-compatible IP cores](#) by announcing its 200th 8051 license. Customer Ensphere Solutions has a reputation for advanced optical and copper communications chips and will use the 8051 microcontroller in an upcoming high-performance computing (HPC) interconnect IC.

“CAST’s 8051 controller offered the best combination of features, performance, and terms that we could find,” said Emad Afifi, vice president of engineering for Ensphere Solutions. “The proven track record of both the 8051 core and the support team at CAST give us great confidence as we pursue this next great engineering challenge.”

The 8051 cores from CAST provide complete MCS@51 instruction set compatibility and easy programming, with many times the performance and much greater efficiency than the original devices. Benefits include a unique single-wire debug capability, some of the fastest and smallest implementations available, a fourth-generation code base, and perhaps the world’s most experienced 8051 sales and support team. CAST 8051s have shipped in hundreds of millions of customer units, for diverse applications including web cameras, musical instruments, sensor chips, smartphone Bluetooth and GPS functions, and home appliances.

“System engineers like the 8051’s simple effectiveness and continue to find great uses for it,” said Peter Dumin, a sales engineer at CAST. “The engineering team and product success at Ensphere Solutions are extremely impressive, and we’re gratified to have them join an 8051 customer list that includes Intel, Kawasaki, Ricoh, Samsung, Siemens, and Toshiba.”

**Ensphere Solutions Inc.** is a privately held company based in Silicon Valley, California, that offers advanced technology and physical layer chips for optical and copper interconnect technologies intended for consumer electronic and portable platforms. Learn more at [www.enspheresolutions.com](http://www.enspheresolutions.com).

CAST's 8051 cores are sourced from Evatronix SA. They are part of CAST's royalty-free ASIC and FPGA IP core and subsystem product line that also features 32-bit BA2x processors, H.264 and JPEG compression, system interconnects and peripherals, and more. Call CAST at +1 201.391.8300 or visit [www.cast-inc.com](http://www.cast-inc.com) for more information.

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