



Spansion and Texas Instruments Collaborate to Bring Innovation to System Designers

DAVE Lizard CPU Module with Spansion NOR Flash Memory and TI ARM® microprocessors Brings High-Performance and Interactivity to Home Automation and Industrial Controls

SUNNYVALE, Calif., June 14, 2011 – Spansion Inc. (NYSE: CODE), a leading provider of [NOR Flash memory](#), today announced a collaboration with Texas Instruments Inc. (TI) and Dave, a system design company in Italy, to bring high performance and interactivity to home automation and industrial controls. Dave is building complete CPU modules, such as the [Lizard board](#), with [1Gb Spansion GL NOR Flash memory](#) and [TI AM3517 or AM3505 Sitara™ ARM® microprocessors](#), to provide rich 2D and 3D graphic interfaces with real-time feedback to deliver the fastest interactive user experience.

Home automation systems are growing in popularity as a tool to connect both electronic devices within a home, as well as to the developing smart energy grid. Sophisticated software required to manage and monitor home electronics is driving the need for high-performance processing and memory. With these systems bringing consumers more convenience, security and energy cost savings, home automation systems are expected to exceed \$11.8 billion in shipments in 2015 according to ABI Research studies.

The Spansion GL NOR Flash family is ideally suited to these industrial applications with industry-leading read performance to speed system boot and increase application interactivity while providing high reliability, extended operating temperature range, longevity of product supply and a universal package footprint to enable simple upgrades for varying density requirements.

Executive Quotes:

“The growth of demand for advanced applications, such as home automation, is driving the need for easy-to-use ARM microprocessors and memory,” said Dipiti Vachani, general manager, Sitara ARM microprocessors, TI. “Our work with Spansion eases the memory design process for our customers, allowing them to quickly get to market with a highly reliable solution that is tested to withstand the rigors of high-performance applications.”

“Our Lizard CPU module frees our customers to innovate more quickly by focusing on differentiating their application rather than system design,” said Stefano Dal Poz, CEO of DAVE S.r.l. “The selection of Spansion GL Flash memory provides our customers the most reliable and highest performing memory subsystem for the fastest data access enabling highly interactive applications.”

“As home automation and industrial controls connect to the smart energy grid, high-performance NOR Flash memory will be required to efficiently manage their interactivity,” said Avo Kanadjian, vice president, marketing at Spansion. “By collaborating with Texas Instruments, we are helping customers like Dave to design systems that deliver an immersive user experience.”

Key Facts/Highlights of the Spansion GL NOR Flash family:

- The Spansion GL family now offers densities of 128Mb, 256Mb, 512Mb, 1Gb and 2Gb for a broad range of applications including: automotive in-cabin electronics, consumer electronics, gaming, industrial, set-top box, telecommunications and networking.
- 65nm MirrorBit charge trapping process technology is the foundation for Spansion's leading position in NOR Flash memory. Over 80% of Spansion's 4,000 customers now use Spansion products based on MirrorBit technology.
- 45% faster page-mode read performance at 98.5 MB/s vs. 67.4 MB/s
- 40% smaller BGA package (9mm x 9mm) for space-constrained applications
- Enhanced security to protect customer IP through with sector read protection and larger 1024Kb secured silicon sector
- Industry-standard form-factor via Spansion's Universal Footprint
 - 64-ball FBGA package
 - 56-pin TSOP package
- Wide temperature range support including:
 - Industrial (-40C to +85C)
 - Automotive In-Cabin (-40C to +105C) planned
- Complementary customized software drivers and Flash file system software

About Spansion

Spansion (NYSE: CODE) is a leading provider of the Flash memory technology at the heart of the world's electronics systems, powering everything from the routers that run the internet to the highly interactive and immersive consumer and automotive electronics that are enriching people's daily lives. Spansion's broad and differentiated Flash memory product portfolio, award-winning MirrorBit charge-trapping technology, and industry leading service and support are enabling customers to achieve greater efficiency and success in their target markets. For more information, visit <http://www.spansion.com>.

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