



# SILICON LABS

## Silicon Laboratories Provides Mitsumi with Highly Integrated TV Tuner

November 18, 2009 1:00 PM EST

AUSTIN, Texas, Nov 18, 2009 (BUSINESS WIRE) -- Silicon Laboratories Inc. (Nasdaq: SLAB), a leader in high-performance, analog-intensive, mixed-signal ICs, today announced that its highly integrated Si2170 TV tuner has been selected by Mitsumi for iDTV and set-top box modules. Mitsumi chose Silicon Labs' single-chip analog and digital TV tuner because of its leading performance, lowest system cost and strong roadmap for further integration.

Mitsumi is a leading TV module and subsystem board maker in Japan that provides high-performance, cost-competitive modules to TV and set-top box OEMs. The Si2170 device enables Mitsumi to deliver unparalleled size reduction and higher performance than using a traditional mixed oscillator phase-locked loop (MOPLL)-based solution. Enhanced performance in key metrics such as sensitivity, selectivity and blocking directly impacts the end-user reception experience, a key criteria for Mitsumi's OEM customers.

"This early design win validates the strong performance of our silicon tuner solution," said Tyson Tuttle, vice president of Silicon Laboratories. "Customers globally are evaluating this solution and uniformly acknowledging that it is the highest performance silicon tuner available. We believe our patented approach will enable TV makers to finally replace expensive and complex discrete tuner technology."

Silicon Labs' patented and proven digital low-IF architecture enables the Si2170 TV tuner to achieve the highest level of performance and integration while addressing the challenges created by hybrid analog and digital reception and multiple regional standards. The architecture allows many functions that typically rely on analog and discrete fixed components to be implemented with cost-effective and software-programmable digital signal processing. This breakthrough enables TV manufacturers to use a single hardware platform to optimize system parameters and comply with all worldwide cable and terrestrial broadcast standards such as ATSC/QAM, DVB-T/C, ISDB-T/C, NTSC, PAL and SECAM.

Additionally, the integrated ATV demodulator creates a universal interface to system ICs, which further simplifies the customer's design and enables coordination of tuner and demodulator functions to optimize reception of analog TV signals, eliminating visual beats or artifacts.

Silicon Laboratories' Si2170 TV tuner is based on a number of patented RF innovations and has more than a dozen patents pending on the architecture and design.

### About Mitsumi Electronics Co., Ltd.

Mitsumi is a global company that was founded in 1954 and is headquartered in Tama, Japan. Since our inception Mitsumi has been committed to the innovative development and manufacturing of a wide array of components that are used in electronic devices manufactured by the premier names in automotive, consumer and industrial electronics. As we navigate through the future, Mitsumi is dedicated to the continual advancement of technologies centered around radio frequency, electro-mechanical devices and micro manufacturing.

### Silicon Laboratories Inc.

Silicon Laboratories is an industry leader in the innovation of high-performance, analog-intensive, mixed-signal ICs. Developed by a world-class engineering team with unsurpassed expertise in mixed-signal design, Silicon Labs' diverse portfolio of highly-integrated, easy-to-use products offers customers significant advantages in performance, size and power consumption. These patented solutions serve a broad set of markets and applications including consumer, communications, computing, industrial and automotive.

Headquartered in Austin, TX, Silicon Labs is a global enterprise with operations, sales and design activities worldwide. The company is committed to contributing to our customers' success by recruiting the highest quality talent to create industry-changing innovations. For more information about Silicon Labs, please visit [www.silabs.com](http://www.silabs.com).

### Cautionary Language

This press release may contain forward-looking statements based on Silicon Laboratories' current expectations. These forward-looking statements involve risks and uncertainties. A number of important factors could cause actual results to differ materially from those in the forward-looking statements. For a discussion of factors that could impact Silicon Laboratories' financial results and cause actual results to differ materially from those in the forward-looking statements, please refer to Silicon Laboratories' filings with the SEC. Silicon Laboratories disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

Note to editors: Silicon Laboratories, Silicon Labs, the "S" symbol, the Silicon Laboratories logo, and the Silicon Labs logo are trademarks of Silicon Laboratories Inc. All other product names noted herein may be trademarks of their respective holders.



SOURCE: Silicon Laboratories Inc.

Silicon Laboratories Inc.

Dale Weisman, +1-512-532-5871

[dale.weisman@silabs.com](mailto:dale.weisman@silabs.com)

Copyright Business Wire 2009