

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549**

**FORM 8-K**

**CURRENT REPORT  
PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

Date of report (Date of earliest event reported): **September 15, 2009**

**SILICON LABORATORIES INC.**

(Exact Name of Registrant as Specified in Charter)

**Delaware**  
(State or Other Jurisdiction  
of Incorporation)

**000-29823**  
(Commission File Number)

**74-2793174**  
(IRS Employer  
Identification No.)

**400 West Cesar Chavez, Austin, TX**  
(Address of Principal Executive Offices)

**78701**  
(Zip Code)

Registrant's telephone number, including area code: **(512) 416-8500**

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

---

---

**Item 7.01. Regulation FD Disclosure**

On September 15, 2009, Silicon Laboratories Inc. ("Silicon Laboratories") issued a press release revising its revenue and earnings per share guidance for its fiscal quarter ending October 3, 2009. A copy of the press release is attached as Exhibit 99.1 to this report.

**Item 9.01. Financial Statements and Exhibits**

(d) Exhibits.

99.1 Press release of Silicon Laboratories Inc. dated September 15, 2009 entitled "Silicon Laboratories Raises Guidance for Third Quarter"

**Use of Non-GAAP Financial Information**

From time to time, Silicon Laboratories provides certain non-GAAP financial measures as additional information relating to its operating results. The non-GAAP financial measurements provided in the press release furnished herewith do not replace the presentation of Silicon Laboratories' GAAP financial results. These additional measurements merely provide supplemental information to assist investors in analyzing Silicon Laboratories' financial position and results of operations; however, these measures are not in accordance with, or an alternative to, GAAP and may be different from non-GAAP measures used by other companies. Silicon Laboratories has chosen to provide this information to investors because it believes that such supplemental information enables them to perform meaningful comparisons of past, present and future operating results, and as a means to highlight the results of core ongoing operations.

Pursuant to the requirements of Regulation G, we have provided in the press release furnished with this report a reconciliation of the non-GAAP financial measures to the most directly comparable GAAP financial measures.

The information in this report, including the exhibit hereto, shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liability of that section. The information contained therein and in the accompanying exhibit shall not be incorporated by reference into any filing with the U.S. Securities and Exchange Commission made by Silicon Laboratories, whether made before or after the date hereof, regardless of any general incorporation language in such filing.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

SILICON LABORATORIES INC.

September 15, 2009

/s/ Paul V. Walsh, Jr.

Date

Paul V. Walsh, Jr.  
*Vice President of Finance*  
*(Principal Accounting Officer)*

3

EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press release of Silicon Laboratories Inc. dated September 15, 2009 entitled "Silicon Laboratories Raises Guidance for Third Quarter"

4



## SILICON LABORATORIES RAISES GUIDANCE FOR THIRD QUARTER

—Company Expects Higher Margins—

**AUSTIN, Texas — Sept. 15, 2009** — Silicon Laboratories Inc. (Nasdaq: SLAB), a leader in high-performance, analog-intensive, mixed-signal integrated circuits (ICs), today announced it now expects third quarter revenue to be up 18 to 21 percent sequentially to a record \$123 to \$126 million, an increase from the \$114 to \$119 million range previously forecasted, and well above quarterly peak revenue levels in 2008.

The revenue upside is due to better than expected demand for both broadcast audio and MCU products. The strength in the broadcast audio business is resulting from better than seasonal demand in handsets at the company's largest customer, which is expected to moderate in the fourth quarter, as well as a faster than expected ramp at a new consumer audio customer.

The company also anticipates further improvement in gross margin in the third quarter, and therefore, is now projecting it will exceed model operating performance. The resulting earnings per share estimates for the quarter have increased by about ten cents versus prior guidance. GAAP diluted earnings per share for the third quarter are now expected to increase to \$0.40 to \$0.42 compared to previous guidance of \$0.27 to \$0.32, and non-GAAP diluted earnings per share are now expected to increase to \$0.60 to \$0.62 compared to previous guidance of \$0.48 to \$0.53. Non-GAAP earnings per share exclude anticipated non-cash charges for stock compensation expenses.

"We expect to achieve record performance in the third quarter, a tribute to the quality of the business model we're pursuing," said Necip Sayiner, president and CEO of Silicon Laboratories. "We are very pleased with the continued strength of the new product cycles and the market share

momentum that has allowed us to outperform despite the economic headwinds this year."

The company plans to report complete financial results and provide fourth quarter guidance on October 28<sup>th</sup>.

### About 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).

### Forward Looking Statements

This press release contains forward-looking statements based on Silicon Laboratories' current expectations. The words "believe," "estimate," "expect," "intend," "anticipate," "plan," "project," "will," "guidance" and similar phrases as they relate to Silicon Laboratories are intended to identify such forward-looking statements. These forward-looking statements reflect the current views and assumptions of Silicon Laboratories and are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Among the factors that could cause actual results to differ materially from those in the forward-looking statements are the following: risks that Silicon Laboratories may not be able to maintain its historical growth; quarterly fluctuations in revenues and operating results; volatile stock price; average selling prices of products may decrease significantly and rapidly, dependence on a limited number of products and customers; difficulties developing new products that achieve market acceptance; risks that Silicon Laboratories may not be able to manage strains associated with its growth; dependence on key personnel; difficulties managing our manufacturers and

subcontractors; difficulties managing international activities; credit risks associated with our accounts receivable; geographic concentration of manufacturers, assemblers, test service providers and customers in the Pacific Rim that subjects Silicon Laboratories' business and results of operations to risks of natural disasters, epidemics, war and political unrest; product development risks; inventory-related risks; intellectual property litigation risks; risks associated with acquisitions and divestitures; the competitive and cyclical nature of the semiconductor industry and other factors that are detailed in 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 and the Silicon Labs logo are trademarks of Silicon Laboratories Inc. All other product names noted herein may be trademarks of their respective holders.*

CONTACT: Silicon Laboratories Inc., Shannon Pleasant, (512) 464 9254, [shannon.pleasant@silabs.com](mailto:shannon.pleasant@silabs.com)