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): July 22, 2005

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.)

4635 Boston Lane, Austin, TX 78735

(Address of Principal Executive Offices) (Zip Code)

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

Not Applicable

(Former Name or Former Address, if Changed since Last Report)

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):

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

ITEM 2.02. RESULTS OF OPERATIONS AND FINANCIAL CONDITION

On July 22, 2005, Silicon Laboratories Inc. issued a press release describing its results of operations for its fiscal quarter ended July 2, 2005. A copy of the press release is attached as Exhibit 99 to this report.

ITEM 9.01. FINANCIAL STATEMENTS AND EXHIBITS

- (c) Exhibits.
- 99 Press Release of Silicon Laboratories Inc. dated July 22, 2005.

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	y caused this report to	o be signed on its	s behalf by the
undersigned hereunto duly authorized.					

SILICON LABORATORIES INC. (Registrant)

July 22, 2005 Date /s/ Russell J. Brennan

Russell J. Brennan
VICE PRESIDENT AND
CHIEF FINANCIAL OFFICER
(PRINCIPAL ACCOUNTING OFFICER)

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EXHIBIT INDEX

Exhibit No. Description

99 Press release dated July 22, 2005 of the Registrant

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NEWS RELEASE

SILICON LABORATORIES REPORTS STRONG SECOND QUARTER PERFORMANCE

AUSTIN, Texas – July 22, 2005 – Silicon Laboratories Inc. (Nasdaq: SLAB), a leader in high-performance, analog-intensive, mixed-signal ICs, today reported revenues of \$107 million and fully diluted GAAP earnings of \$0.28 per share.

Financial Results

"I am very pleased with the strong financial performance during the quarter. We continue to run a very healthy, profitable business that is well positioned to strongly invest in R&D to drive long-term revenue growth," said Russ Brennan, chief financial officer of Silicon Laboratories.

GAAP operating income for the second quarter was \$18 million dollars or 17 percent of revenue. Excluding a \$0.6 million non-cash charge for amortization of deferred stock compensation and a one time CEO severance charge of \$1.9 million dollars, adjusted operating income for the second quarter was \$20.4 million dollars, representing 19 percent of revenue which exceeded expectations. The company ended the quarter with cash and short-term investments up approximately \$27 million to \$330 million. The reconciling charges are set forth in the reconciliation of GAAP to non-GAAP financial measures table included below.

Business Summary

During the quarter, the broad-based mixed-signal business represented slightly more than half of total revenue and continued to diversify as adoption in the ProSLIC, MCU and Networking product lines increased. The company's recently announced digital power products experienced a high level of design activity among the leading providers of switched mode power supplies.

The company also continued to see a high level of design activity and development tool demand for the MCU products, which posted revenue growth again in Q2. Both product lines are contributing to the company's expansion into highly fragmented, highly profitable mixed-signal markets.

Mobile handset revenues increased by four percent during the quarter as demand recovered among customers in southeast Asia. Aero[®] II, the industry's most integrated RF transceiver for handsets, represented almost 40 percent of new design wins. Design activity on the company's recently announced FM tuner in both handset and MP3 devices is expected to result in production shipments in the third quarter of this year, three months earlier than anticipated.

"I am very excited by the revenue potential of our recently announced new products as well as those in our pipeline," said Nav Sooch, chairman and interimchief executive officer. "After a close review of all of our R&D projects, I am confident that we are investing in the right activities to accelerate our revenue growth, increase our customer, market and product diversity and further improve our profitability."

The company anticipates revenue of \$100 to \$103 million in the third quarter of 2005.

Conference Call Today

A conference call discussing the second quarter results will follow the release at 7 a.m. Eastern Time. An audio webcast will be available simultaneously on Silicon Laboratories' website under Investor Relations (www.silabs.com). A replay will be available after the call at the same website listed above or by calling 800-513-1173 (U.S.) or +1 402-344-6829 (international). These replays will be available through August 5, 2005.

About Silicon Laboratories Inc.

Silicon Laboratories Inc. is a leading designer of high-performance, analog-intensive, mixed-signal integrated circuits (ICs) for a broad range of applications. Silicon Laboratories' diverse portfolio of highly integrated, patented solutions is developed by a world-class engineering team with decades of cumulative expertise in cutting-edge mixed-signal design.

The company has design, engineering, marketing, sales and applications offices throughout North America, Europe and Asia. For more information about Silicon Laboratories please visit www.silabs.com.

Cautionary Language

This press release contains forward-looking statements based on Silicon Laboratories' current expectations. The words "believe," "estimate," "expect," "intend," "anticipate," "plan," "project," "will" 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, especially for mobile handset products; dependence on a limited number of products and customers; risks associated with shifting market demand from GSM/GPRS to EDGE and WCDMA; 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; 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, ProSLIC, Aero and the Silicon Laboratories 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 investor.relations@silabs.com

Silicon Laboratories Inc. Unaudited Condensed Consolidated Statements of Income (in thousands, except per share data)

	Three Months Ended		Six Months Ended			
	July 2, 2005		July 3, 2004	July 2, 2005		July 3, 2004
Revenues	\$ 107,156	\$	126,130	\$ 211,920	\$	239,753
Cost of revenues	48,566		57,544	97,116		109,410
Gross profit	 58,590		68,586	114,804		130,343
Operating expenses:						
Research and development	20,895		17,867	39,862		36,009
Selling, general and administrative	19,137		16,650	35,858		31,854
Amortization of deferred stock compensation	649		1,163	1,402		2,400
Operating expenses	 40,681		35,680	77,122		70,263
Operating income	 17,909		32,906	37,682		60,080
Other income (expense):						
Interest income	1,992		591	3,404		1,070
Interest expense	(45)		(115)	(101)		(165)
Other income (expense), net	(178)		193	(193)		2,008
Income before income taxes	 19,678		33,575	 40,792		62,993
Provision for income taxes	4,064		10,769	7,805		20,272
Net income	\$ 15,614	\$	22,806	\$ 32,987	\$	42,721
Net income per share:						
Basic	\$ 0.29	\$	0.44	\$ 0.62	\$	0.84
Diluted	\$ 0.28	\$	0.41	\$ 0.60	\$	0.77
Weighted-average common shares outstanding:						
Basic	53,149		51,328	52,807		51,161
Diluted	55,027		55,294	55,196		55,293

Unaudited Reconciliation of GAAP to Non-GAAP Financial Measures (in thousands, except per share data)

		Three Months Ended			
	July 2, 2005			July 3, 2004	
GAAP operating income	\$	17,909	\$	32,906	
Adjustments:					
CEO separation agreement charge		1,858		_	
Amortization of deferred stock compensation		649		1,163	
Adjusted operating income	\$	20,416	\$	34,069	
Adjusted operating income %		19%	ó	27%	

Silicon Laboratories Inc. Condensed Consolidated Balance Sheets (in thousands, except per share data)

	 July 2, 2005 (Unaudited)	 January 1, 2005
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 224,213	\$ 48,636
Short-term investments	106,158	228,470

Accounts receivable, net of allowance for doubtful accounts of \$1,464 at July 2, 2005 and \$1,088 at January 1,		59,814		46,272
2005				
Inventories		28,407		38,405
Deferred income taxes		10,131		9,878
Prepaid expenses and other		4,432		5,244
Total current assets		433,155		376,905
Property, equipment and software, net		29,539		34,559
Goodwill		65,989		46,766
Other intangible assets, net		14,174		15,384
Other assets, net		12,693		10,788
Total assets	\$	555,550	\$	484,402
LIABILITIES AND STOCKHOLDERS' EQUITY				
Current liabilities:				
Accounts payable	\$	32,937	\$	37,001
Accrued expenses		13,302		11,913
Deferred income on shipments to distributors		31,351		25,227
Income taxes payable		13,909		8,207
Total current liabilities		91,499		82,348
Long-term obligations and other liabilities		1,849		2,570
Total liabilities	-	93,348	-	84,918
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Commitments and contingencies				
Stockholders' equity:				
Preferred stock—\$.0001 par value; 10,000 shares authorized; no shares issued and outstanding		_		_
Common stock—\$.0001 par value; 250,000 shares authorized; 53,738 and 52,508 shares issued and				
outstanding at July 2, 2005 and January 1, 2005, respectively		5		5
Additional paid-in capital		314,586		287,908
Deferred stock compensation		(1,734)		(4,787)
Retained earnings		149,345		116,358
Total stockholders' equity	_	462,202		399,484
Total liabilities and stockholders' equity	\$	555,550	\$	484,402
		222,230	_	,