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 26, 2004

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)

ITEM 7. FINANCIAL STATEMENTS, PRO FORMA INFORMATION AND EXHIBITS

(c) Exhibits.

99 Press Release of Silicon Laboratories Inc. dated July 26, 2004.

ITEM 12. RESULTS OF OPERATIONS AND FINANCIAL CONDITION

On July 26, 2004, Silicon Laboratories Inc. issued a press release describing its results of operations for its fiscal quarter ended July 3, 2004. A copy of the press release is attached as Exhibit 99 to this report.

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 herein 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.

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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.

Dated: July 26, 2004

By: /s/ RUSSELL J. BRENNAN
Russell J. Brennan
VICE PRESIDENT AND
CHIEF FINANCIAL OFFICER

CHIEF FINANCIAL OFFICER (PRINCIPAL ACCOUNTING OFFICER)

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EXHIBIT INDEX

Exhibit No.Description99Press release dated July 26, 2004 of the Registrant

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NEWS RELEASE

SILICON LABORATORIES REPORTS RECORD REVENUE

AUSTIN, Texas – July 26, 2004 – Silicon Laboratories Inc. (Nasdaq: SLAB), a leader in high-performance, analog-intensive, mixed-signal ICs, today reported record revenue of \$126.1 million for the second quarter of 2004. This represented the company's thirteenth consecutive quarter of revenue growth.

Financial Results

Revenue for the second quarter of 2004 increased 11 percent to \$126.1 million from \$113.6 million in the first quarter of 2004. This represents an 83 percent increase over revenue of \$69.1 million during the same period in 2003.

Under generally accepted accounting principles (GAAP), operating income for the second quarter was \$32.9 million, or 26.1 percent of revenues. Second quarter net income was \$22.8 million, resulting in diluted net income per share of \$0.41. Excluding non-cash charges for amortization of deferred stock compensation, adjusted net income for the second quarter was \$24 million, representing 19 percent of revenue. Adjusted diluted net income per share was \$0.43, up 13 percent from the first quarter. The reconciling charges are set forth in the reconciliation of GAAP to non-GAAP financial measures table included below.

The company ended the quarter with a highly liquid balance sheet, increasing cash and short-term investments to \$223 million.

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Silicon Labs Second Quarter Results

Business Summary

"We have executed across the organization - in R&D, sales, marketing and manufacturing to enable rapid growth, product diversification and market expansion," said Dan Artusi, president and chief executive officer of Silicon Laboratories. "The success of the MCU products in a very short time frame and the expansion of many wireline products into new applications and markets drove revenue growth in the broad-based mixed-signal business."

Silicon Laboratories' business was strong across both the broad-based mixed-signal and mobile handset businesses. Continued customer acceptance in the mobile handset market resulted in strong design-in activity during the quarter. The company also announced the next generation of the AeroTM family, Aero II, a single chip RF transceiver for GSM/GPRS handsets that dramatically improves the integration and ease-of-use when compared to competing solutions.

Business Outlook

"We expect momentum behind the broad-based mixed-signal business to continue in the third quarter, coupled with a sequential decrease in revenue in our mobile handset business," added Mr. Artusi. "In the third quarter, R&D investment will return to traditional levels as a percent of revenue as we move into the final cycles of several major new product developments."

The company anticipates revenue of \$120 to \$123.6 million in the third quarter of 2004.

Conference Call Today

A conference call discussing the second quarter results will follow the release at 4:15 p.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 800-584-7317 (U.S.) or +1 402-998-0088 (international). These replays will be available through August 26, 2004.

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," "expect," "intend," "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 rate; quarterly fluctuations in revenues and operating results; risks

that Silicon Labs may not be able to manage strains associated with its growth; difficulties developing new products that achieve market acceptance; 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; dependence on a limited number of products and customers; product development risks; inventory-related risks; intellectual property litigation risks; risks associated with acquisitions, including the acquisition of Cygnal Integrated Products; the competitive and cyclical nature of the semiconductor industry and other factors that are detailed in Silicon Laboratories filings with the SEC, including the Form 10-Q that we anticipate will be filed on or about July 26, 2004.

Note to editors: Silicon Laboratories, 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)

Revenues 3 126,130 3 UNUS 3, 2004 2 UNUS 2, 2003 Cost of revenues \$ 126,130 \$ 69,086 \$ 239,753 \$ 132,839 Cost of revenues 68,56 38,10 109,410 73,845 Gross profit 68,56 38,10 130,343 58,994 Operating expenses: 8 38,10 30,000 21,165 Selling, general and administrative 16,650 9,539 31,854 19,537 Amortization of deferred stock compensation 11,655 9,539 31,854 19,537 Operating expenses 33,560 22,397 70,263 34,319 Operating expenses 51 30 19,29 70,203 15,803 Interest expense 1(15) - (165) - -		THREE MONTHS ENDED			SIX MONTHS ENDED			
Cost of revenues 57,544 30,267 109,410 73,845 * Gross profit 68,566 38,819 130,343 58,994 Operating expenses: 88,819 130,343 58,994 Presench and development 17,867 11,635 36,009 21,165 Selling, general and administrative 16,650 9,539 31,854 19,537 Amortization of deferred stock compensation 1,163 1,223 2,400 2,489 Operating expenses 35,680 22,397 70,263 43,191 Operating income 32,906 16,422 60,080 15,803 Other income (expense): 10,402 60,080 15,803 Interest income 591 308 1,070 653 Interest income (expense), net 193 (119) 2,008 (783) Income before income taxes 33,575 16,611 62,993 15,673 Provision for income taxes \$22,806 10,904 42,721 9,861 Net income \$0,20 0,02								
Gross profit 68,586 38,819 130,343 58,994 Operating expenses: Research and development 17,867 11,635 36,009 21,165 Selling, general and administrative 16,650 9,539 31,854 19,537 Selling, general and administrative 1,163 1,223 2,400 2,489 Operating expenses 35,680 22,397 70,263 43,191 Operating income 32,906 16,422 60,080 15,803 Other income (expense): Interest income (expense): Interest expense (115) - (165) - Income (expense), net 193 (119) 2,008 (783) Income before income taxes 33,575 16,611 62,993 15,673 Provision for income taxes 10,769 5,707 20,272 5,812 Net income \$ 22,806 10,904 42,721 9,861 Net income per share: Basic \$ 0,44 0,22 0,84 0,20 Dil	Revenues	\$ 126,130	\$	69,086	\$	239,753	\$	132,839
Operating expenses: Research and development 17,867 11,635 36,009 21,165 Selling, general and administrative 16,650 9,539 31,854 19,537 Amortization of deferred stock compensation 1,163 1,223 2,400 2,489 Operating expenses 35,680 22,397 70,263 43,191 Operating income 32,906 16,422 60,080 15,803 Other income (expense): 10,000 16,220 60,080 15,803 Interest income (expense): 11,500 - 10,700 653 Interest expense (115) - (165) - Interest expense, net 193 (119) 2,008 783 Provision for income taxes 33,575 16,611 62,993 15,673 Provision for income taxes 10,769 5,707 20,272 5,812 Net income \$ 22,806 10,904 42,721 9,861 Net income per share: \$ 0,44 0,22 0,84 0,20 Basic \$ 0,44 0,22 0,77 0,	Cost of revenues	57,544		30,267		109,410		73,845 *
Research and development 17,867 11,635 36,009 21,165 Selling, general and administrative 16,650 9,539 31,854 19,537 Amortization of deferred stock compensation 1,163 1,223 2,400 2,489 Operating expenses 35,680 22,397 70,263 43,191 Operating income 32,906 16,422 60,080 15,803 Other income (expense): 591 308 1,070 653 Interest income 591 308 1,070 653 Interest expense (115) — (165) — Other income (expense), net 193 (119) 2,008 (783) Income before income taxes 33,575 16,611 62,993 15,673 Provision for income taxes 10,769 5,707 20,272 5,812 Net income \$ 22,806 \$ 10,904 \$ 42,721 \$ 9,861 Net income per share: \$ 0.44 \$ 0.22 \$ 0.84 \$ 0.20 Diluted \$ 0.41 \$ 0.21 \$ 0.77 \$ 0.19 Weighted-average common	Gross profit	 68,586		38,819		130,343		58,994
Selling, general and administrative 16,650 9,539 31,854 19,537 Amortization of deferred stock compensation 1,163 1,223 2,400 2,489 Operating expenses 35,680 22,397 70,263 43,191 Operating income 32,906 16,422 60,080 15,803 Other income (expense): 591 308 1,070 653 Interest income 591 308 1,070 653 Interest expense (115) — (165) — Other income (expense), net 193 (119) 2,008 (783) Income before income taxes 33,575 16,611 62,993 15,673 Provision for income taxes 10,769 5,707 20,272 5,812 Net income per share: 8 22,806 10,904 42,721 9,861 Net income per share: 8 0,44 0,22 0,84 0,20 Basic 9,041 0,21 0,77 0,19 Weighted-average common shares outstanding: 5,1328 48,480 51,161 48,291 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
Amortization of deferred stock compensation 1,163 1,223 2,400 2,489 Operating expenses 35,680 22,397 70,263 43,191 Operating income 32,906 16,422 60,080 15,803 Other income (expense): 591 308 1,070 653 Interest expense (115) — (165) — Other income (expense), net 193 (119) 2,008 (783) Income before income taxes 33,575 16,611 62,993 15,673 Provision for income taxes 10,769 5,707 20,272 5,812 Net income \$ 22,806 10,904 42,721 9,861 Net income per share: \$ 0,44 0,22 0,84 0,20 Diluted \$ 0,44 0,21 0,77 0,19 Weighted-average common shares outstanding: 51,328 48,480 51,161 48,291	Research and development	17,867		11,635		36,009		21,165
Operating expenses 35,680 22,397 70,263 43,191 Operating income 32,906 16,422 60,080 15,803 Other income (expense): Interest income 591 308 1,070 653 Interest expense (115) — (165) — Other income (expense), net 193 (119) 2,008 (783) Income before income taxes 33,575 16,611 62,993 15,673 Provision for income taxes 10,769 5,707 20,272 5,812 Net income \$ 22,806 10,904 42,721 9,861 Net income per share: \$ 0,44 0,22 0,84 0,20 Diluted \$ 0,41 0,21 0,77 0,19 Weighted-average common shares outstanding: 51,328 48,480 51,161 48,291		16,650		9,539		31,854		19,537
Operating income 32,906 16,422 60,080 15,803 Other income (expense): Interest income 591 308 1,070 653 Interest expense (115) — (165) — Other income (expense), net 193 (119) 2,008 (783) Income before income taxes 33,575 16,611 62,993 15,673 Provision for income taxes 10,769 5,707 20,272 5,812 Net income \$ 22,806 10,904 42,721 9,861 Net income per share: Basic \$ 0,44 0.22 0.84 0.20 Diluted \$ 0,41 0.21 0.77 0.19 Weighted-average common shares outstanding: 51,328 48,480 51,161 48,291	Amortization of deferred stock compensation	 1,163		1,223		2,400		2,489
Other income (expense): Interest income 591 308 1,070 653 Interest expense (115) — (165) — Other income (expense), net 193 (119) 2,008 (783) Income before income taxes 33,575 16,611 62,993 15,673 Provision for income taxes 10,769 5,707 20,272 5,812 Net income \$ 22,806 10,904 42,721 9,861 Net income per share: Basic \$ 0.44 0.22 0.84 0.20 Diluted \$ 0.41 0.21 0.77 0.19 Weighted-average common shares outstanding: Basic 51,328 48,480 51,161 48,291	Operating expenses	 35,680		22,397	<u> </u>	70,263		43,191
Interest income 591 308 1,070 653 Interest expense (115) — (165) — Other income (expense), net 193 (119) 2,008 (783) Income before income taxes 33,575 16,611 62,993 15,673 Provision for income taxes 10,769 5,707 20,272 5,812 Net income \$ 22,806 \$ 10,904 \$ 42,721 \$ 9,861 Net income per share: Basic \$ 0.44 \$ 0.22 \$ 0.84 \$ 0.20 Diluted \$ 0.41 \$ 0.21 \$ 0.77 \$ 0.19 Weighted-average common shares outstanding: Basic 51,328 48,480 51,161 48,291	Operating income	 32,906		16,422		60,080		15,803
Interest expense (115) — (165) — Other income (expense), net 193 (119) 2,008 (783) Income before income taxes 33,575 16,611 62,993 15,673 Provision for income taxes 10,769 5,707 20,272 5,812 Net income \$ 22,806 \$ 10,904 42,721 9,861 Net income per share: 8 0.44 0.22 \$ 0.84 0.20 Diluted \$ 0.41 0.21 0.77 0.19 Weighted-average common shares outstanding: 8 31,328 48,480 51,161 48,291	Other income (expense):							
Other income (expense), net 193 (119) 2,008 (783) Income before income taxes 33,575 16,611 62,993 15,673 Provision for income taxes 10,769 5,707 20,272 5,812 Net income \$ 22,806 \$ 10,904 42,721 9,861 Net income per share: Basic \$ 0.44 0.22 \$ 0.84 0.20 Diluted \$ 0.41 0.21 0.77 0.19 Weighted-average common shares outstanding: 8 0.44 48,480 51,161 48,291	Interest income	591		308		1,070		653
Income before income taxes 33,575 16,611 62,993 15,673 Provision for income taxes 10,769 5,707 20,272 5,812 Net income \$ 22,806 \$ 10,904 42,721 \$ 9,861 Net income per share: Basic \$ 0.44 \$ 0.22 \$ 0.84 0.20 Diluted \$ 0.41 0.21 0.77 0.19 Weighted-average common shares outstanding: Basic 51,328 48,480 51,161 48,291	Interest expense	(115)		_		(165)		_
Provision for income taxes 10,769 5,707 20,272 5,812 Net income \$ 22,806 \$ 10,904 \$ 42,721 \$ 9,861 Net income per share: 8 0.44 \$ 0.22 \$ 0.84 \$ 0.20 Basic \$ 0.41 \$ 0.21 \$ 0.77 \$ 0.19 Weighted-average common shares outstanding: Basic 51,328 48,480 51,161 48,291	Other income (expense), net	193		(119)		2,008		(783)
Net income \$ 22,806 \$ 10,904 \$ 42,721 \$ 9,861 Net income per share: Basic \$ 0.44 \$ 0.22 \$ 0.84 \$ 0.20 Diluted \$ 0.41 \$ 0.21 \$ 0.77 \$ 0.19 Weighted-average common shares outstanding: Basic 51,328 48,480 51,161 48,291	Income before income taxes	 33,575		16,611		62,993		15,673
Net income per share: Basic \$ 0.44 \$ 0.22 \$ 0.84 \$ 0.20 Diluted \$ 0.41 \$ 0.21 \$ 0.77 \$ 0.19 Weighted-average common shares outstanding: 51,328 48,480 51,161 48,291	Provision for income taxes	10,769		5,707		20,272		5,812
Net income per share: Basic \$ 0.44 \$ 0.22 \$ 0.84 \$ 0.20 Diluted \$ 0.41 \$ 0.21 \$ 0.77 \$ 0.19 Weighted-average common shares outstanding: 51,328 48,480 51,161 48,291			-					
Basic \$ 0.44 \$ 0.22 \$ 0.84 \$ 0.20 Diluted \$ 0.41 \$ 0.21 \$ 0.77 \$ 0.19 Weighted-average common shares outstanding: 51,328 48,480 51,161 48,291	Net income	\$ 22,806	\$	10,904	\$	42,721	\$	9,861
Diluted \$ 0.41 \$ 0.21 \$ 0.77 \$ 0.19 Weighted-average common shares outstanding: Basic 51,328 48,480 51,161 48,291	Net income per share:							
Weighted-average common shares outstanding: Basic 51,328 48,480 51,161 48,291	Basic	\$ 0.44	\$	0.22	\$	0.84	\$	0.20
Basic 51,328 48,480 51,161 48,291	Diluted	\$ 0.41	\$	0.21	\$	0.77	\$	0.19
	Weighted-average common shares outstanding:							
Diluted 55,294 51,392 55,293 51,173	Basic	51,328		48,480		51,161		48,291
	Diluted	55,294		51,392		55,293		51,173

^{*} Includes a \$15.3 million charge for a patent infringement litigation settlement

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

	THREE MONTHS ENDED				SIX MONTHS ENDED			
		JULY 3, 2004		JUNE 28, 2003		JULY 3, 2004		JUNE 28, 2003
GAAP net income	\$	22,806	\$	10,904	\$	42,721	\$	9,861
Tax-effected adjustments:								
Settlement of patent infringement lawsuit		_		_		_		10,377
Amortization of deferred stock compensation		1,163		1,223		2,400		2,489
Adjusted net income	\$	23,969	\$	12,127	\$	45,121	\$	22,727
GAAP diluted shares outstanding		55,294		51,392		55,293		51,173
Adjusted diluted net income per share	\$	0.43	\$	0.24	\$	0.82	\$	0.44

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

	JULY 3, 2004 (UNAUDITED)		J	JANUARY 3, 2004	
ASSETS	(-	,			
Current assets:					
Cash and cash equivalents	\$	173,248	\$	151,359	
Short-term investments		50,238		38,954	
Accounts receivable, net of allowance for doubtful accounts of \$1,286 at July 3, 2004 and \$1,079 at					
January 3, 2004		67,749		47,879	
Inventories		34,655		34,064	
Deferred income taxes		5,784		5,784	
Prepaid expenses and other		6,421		5,600	
Total current assets		338,095		283,640	
Property, equipment and software, net		34,267		34,376	
Goodwill		38,721		38,613	
Other intangible assets, net		13,710		14,744	
Other assets, net		10,275		6,722	
Total assets	\$	435,068	\$	378,095	
LIABILITIES AND STOCKHOLDERS' EQUITY					
Current liabilities:					
Accounts payable	\$	42,121	\$	45,488	
Accrued expenses		12,646		11,251	
Deferred income on shipments to distributors		14,582		11,526	
Income taxes payable		10,908		12,663	
Total current liabilities		80,257		80,928	
Long-term obligations		8,446		9,962	
Total liabilities		88,703		90,890	
Commitments and contingencies					
Stockholders' equity:					
Common stock—\$.0001 par value; 250,000 shares authorized; 51,795 and 51,237 shares issued and					
outstanding at July 3, 2004 and January 3, 2004, respectively		5		5	
Additional paid-in capital		270,600		256,792	
Deferred stock compensation		(6,627)		(9,257)	
Retained earnings		82,387		39,665	
Total stockholders' equity		346,365		287,205	
Total liabilities and stockholders' equity	\$	435,068	\$	378,095	