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 25, 2007

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 78701 (Address of Principal Executive Offices) (Zip Code)

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

eck 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 visions (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 2.02. Results of Operations and Financial Condition

On July 25, 2007, Silicon Laboratories Inc. ("Silicon Laboratories") issued a press release describing its results of operations for its fiscal quarter ended June 30, 2007. A copy of the press release is attached as Exhibit 99 to this report.

Item 8.01. Other Events

On July 25, 2007, Silicon Laboratories also announced in its press release that its Board of Directors authorized a new share repurchase program having an aggregate value of up to \$400 million over a period of 24 months.

Item 9.01. Financial Statements and Exhibits

- (d) Exhibits.
- 99 Press Release of Silicon Laboratories Inc. dated July 25, 2007.

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

ncorporated by reference into any filing with the U.S. Solate hereof, regardless of any general incorporation language.	ecurities and Exchange Commission made by Silicon Laboratories, whether made before or after the guage in such filing.
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SIGNATURE	
Pursuant to the requirements of the Securities Exchanundersigned hereunto duly authorized.	nge Act of 1934, the registrant has duly caused this report to be signed on its behalf by the
	SILICON LABORATORIES INC.
July 25, 2007	/s/Paul V. Walsh, Jr.
Date	Paul V. Walsh, Jr. Vice President of Finance (Principal Accounting Officer)
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EXHIBIT INDEX

Exhibit No.

Description
Press release dated July 25, 2007 of the Registrant



SILICON LABORATORIES ANNOUNCES RECORD REVENUE

—Company Also Announces Significant Expansion of Share Repurchase Program—

AUSTIN, Texas — July 25, 2007 — Silicon Laboratories Inc. (Nasdaq: SLAB), a leader in high-performance, analog-intensive, mixed-signal integrated circuits (ICs), today reported record revenue in continuing operations of \$75.6 million and earnings per share results that exceeded the company's guidance. The company also announced a significant increase in the share repurchase program.

Share Repurchase Program

Silicon Laboratories' Board of Directors approved a new \$400 million share repurchase plan, quadrupling the previous authorization. The program will be executed on the open market or in private transactions, including structured or accelerated transactions, depending on market conditions.

"It is our intention to be active in the execution of this program, effectively returning capital to shareholders and significantly reducing our outstanding share base," said Bill Bock, chief financial officer of Silicon Laboratories. "We also believe this is a responsible action relative to our cash position in that it returns value to shareholders while retaining our financial flexibility for either the operation of the business or for strategic opportunities."

Second Quarter Financial Results

Revenue increased by two percent year over year to record levels in the second quarter. GAAP gross margin totaled 60 percent. GAAP operating income was \$1.9 million. GAAP diluted earnings per share from continuing operations of \$0.12 represented more than a 100 percent improvement over the same period last year.

Excluding an \$8.6 million charge for stock compensation expense, non-GAAP operating income was \$10.6 million or 14 percent of revenue, representing significant progress towards the company's target model. Non-GAAP diluted earnings per share from continuing operations totaled \$0.26, an increase of 60 percent sequentially. The reconciling charges are set forth in the financial measures table included below.

The company ended the quarter with approximately \$644 million in cash, cash equivalents and short-term investments.

Business Summary

During the second quarter, growth was driven by strength in the broadcast and microcontroller product lines. Strong demand from certain handset customers and increasing diversification in non-handset applications resulted in a double-digit broadcast revenue increase. The company also began to ship its new FM transmitter in the second quarter as planned.

The MCU business continued to grow across consumer, industrial and networking applications. The company believes that recent new product introductions and future products under development as part of the MCU roadmap will significantly expand the company's served available market over time.

"We believe that improved visibility into the next two quarters and current business trends support the company's annual growth targets," said Necip Sayiner, president and chief executive officer of Silicon Laboratories. "The margin leverage in our new business model will really become impactful as we grow our revenue in the second half of the year."

For the third quarter of 2007, the company believes revenue in all of its core product lines will experience growth and is guiding revenue in the range of \$81 to \$84 million.

Webcast and Conference Call

A conference call discussing the second quarter results will follow this press release today at 7:30 a.m. Central 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 888-568-0091 or +1 402-530-7778 (international). Replays will be available through August 8, 2007.

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 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.

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" 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 (including risks associated with the implementation of its enterprise resource planning system); 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

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

		Three Months Ended			Six Months Ended				
		June 30, 2007		July 1, 2006		June 30, 2007		July 1, 2006	
Revenues	\$	75,597	\$	73,936	\$		\$	140,588	
Cost of revenues		30,233		24,442		58,672		45,569	
Gross profit		45,364		49,494		90,739		95,019	
Operating expenses:									
Research and development		22,145		22,619		46,952		43,688	
Selling, general and administrative		21,282		22,822		45,574		43,552	
In-process research and development		_		2,600		_		2,600	
Operating expenses		43,427		48,041		92,526		89,840	
Operating income (loss)		1,937		1,453		(1,787)		5,179	
Other income (expense):									
Interest income		7,032		3,624		10,867		6,826	
Interest expense		(167)		(225)		(398)		(400)	
Other income (expense), net		(51)		45		(170)		291	
Income from continuing operations before income taxes		8,751		4,897		8,512		11,896	
Provision for income taxes		1,859		1,892		2,366		3,693	
Income from continuing operations		6,892		3,005		6,146		8,203	
Income from discontinued operations, net of income taxes		581		7,132		156,940		12,998	
Net income	\$	7,473	\$	10,137	\$	163,086	\$	21,201	
Basic earnings per share:	_		_				_		
Income from continuing operations	\$	0.13	\$	0.05	\$	0.11	\$	0.15	
Net income	\$	0.14	\$	0.18	\$	2.97	\$	0.38	
Diluted earnings per share:									
Income from continuing operations	\$	0.12	\$	0.05	\$	0.11	\$	0.14	
Net income	\$	0.13	\$	0.18	\$	2.90	\$	0.37	
Weighted-average common shares outstanding:									
Basic		54,901		55,842		54,856		55,460	
Diluted		56,312		57,858		56,308		57,761	

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

	Three Months Ended June 30, 2007
GAAP operating income	\$ 1,937
Stock compensation adjustments:	
Cost of revenues	379
Research and development	4,078
Selling, general and administrative	4,164

Non-GAAP operating income %		14.0%	•	
		Three Month June 30, 2007	s Ended March 31, 2007	
GAAP income (loss) from continuing operations	\$	6,892	\$	(746)
Stock compensation adjustments:				
Cost of revenues		379		307
Research and development		4,078		5,371
Selling, general and administrative		4,164		6,092
Provision for income taxes		(1,137)		(2,068)
Non-GAAP income from continuing operations	\$	14,376	\$	8,956
GAAP diluted shares outstanding		56,312		54,806
Stock options and awards		_		1,505
Non-GAAP diluted shares outstanding		56,312		56,311
Non-GAAP diluted earnings per share from continuing operations	\$	0.26	\$	0.16

Non-GAAP operating income

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

10,558

		June 30, 2007		December 30, 2006		
Assets		_				
Current assets:						
Cash and cash equivalents	\$	162,066	\$	68,188		
Short-term investments		481,930		318,104		
Accounts receivable, net of allowance for doubtful accounts of \$501 at June 30, 2007 and \$421 at December 30, 2006		42,171		36,657		
Inventories		18,982		22,016		
Deferred income taxes		5,229		12,118		
Prepaid expenses and other		31,989		12,944		
Current assets of discontinued operations		_		33,680		
Total current assets		742,367		503,707		
Property, equipment and software, net		29,824		34,070		
Goodwill		65,519		65,680		
Other intangible assets, net		18,109		20,271		
Other assets, net		24,070		24,528		
Non-current assets of discontinued operations		_		38,739		
Total assets	\$	879,889	\$	686,995		
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Liabilities and Stockholders' Equity						
Current liabilities:						
Accounts payable	\$	30.051	\$	26,438		
Accrued expenses	Ψ	18,148	Ψ	23,051		
Deferred income on shipments to distributors		18,341		20,568		
Income taxes				15,063		
Current liabilities of discontinued operations		10,099		16,502		
Total current liabilities		76,639		101,622		
Long-term obligations and other liabilities		49,641		15,641		
Non-current liabilities of discontinued operations				1,050		
Total liabilities		126,280		118,313		
Total nationals		120,200		110,515		
Commitments and contingencies						
Stockholders' equity:						
Preferred stock—\$0.0001 par value; 10,000 shares authorized; no shares issued and outstanding		_		_		
Common stock—\$0.0001 par value; 250,000 shares authorized; 55,114 and 54,802 shares issued and outstanding at						
June 30, 2007 and December 30, 2006, respectively		6		5		
Additional paid-in capital		395,495		373,655		
Retained earnings		358,108		195,022		
Total stockholders' equity		753,609		568,682		
Total liabilities and stockholders' equity	\$	879,889	\$	686,995		