UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 20549

FORM 8-K/A AMENDMENT NO. 1

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

Date of report (Date of earliest event reported): February 4, 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):
\square 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))

Explanatory Note

This Amendment No. 1 to the Current Report on Form 8-K filed by Silicon Laboratories Inc. on February 4, 2009 (the "Original Report") is being filed solely for the purpose of correcting a typographical error that appears on page 5 of exhibit 99 of the Original Report. For the three months ended January 3, 2009, cost of revenues was \$39,252,000, rather than \$33,252,000 as reported in our Original Report.

Item 2.02. Results of Operations and Financial Condition

On February 4, 2009, Silicon Laboratories Inc. ("Silicon Laboratories") issued a press release describing its results of operations for its fiscal quarter and year ended January 3, 2009. A copy of the press release is attached as Exhibit 99 to this report.

Item 9.01. Financial Statements and Exhibits

(d) Exhibits.

99 Press Release of Silicon Laboratories Inc. dated February 4, 2009.

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. Securitic date hereof, regardless of any general incorporation language in		n made by Silicon Laboratories, whether made before or after the
	2	
SIGNATURE		
Pursuant to the requirements of the Securities Exchange A undersigned hereunto duly authorized.	ct of 1934, the registrant has	duly caused this report to be signed on its behalf by the
	SILICON	LABORATORIES INC.
February 4, 2009		/s/ Paul V. Walsh, Jr.
Date		Paul V. Walsh, Jr. Vice President of Finance (Principal Accounting Officer)
	3	
EXHIBIT INDEX		
Exhibit No.	Descrip	otion

Press release dated February 4, 2009 of the Registrant



SILICON LABORATORIES REPORTS FOURTH QUARTER AND YEAR-END RESULTS

—Company Grows 2008 Revenue by 23 Percent, Achieves Near Model Performance and Reduces Operating Expenses—

AUSTIN, Texas — **Feb 4, 2009** — Silicon Laboratories Inc. (Nasdaq: SLAB), a leader in high-performance, analog-intensive, mixed-signal integrated circuits (ICs), today reported fourth quarter revenue of \$99.3 million, bringing year-end revenue to \$415.6 million, a 23 percent year over year increase. In the fourth quarter, the company delivered solid operating performance and strong gross margins while reducing operating expenses in response to the decline in industry-wide demand.

On a GAAP basis, the company reported 2008 gross margins of 61.5 percent, operating expenses of \$212 million and operating income of \$43.7 million. Diluted earnings per share for the year were \$0.67.

2008 Business Highlights

- Year over year revenue growth was driven by double-digit increases in every major product line, compared to negative industry growth and a challenging demand environment.
- · The introduction of a record number of products included the addition of new vectors in MCUs, short-range wireless, power, video, consumer audio and mid to low end clocks and oscillators.
- The company delivered 24 percent non-GAAP operating income and 45 percent growth in non-GAAP earnings per share.
- The company reduced SG&A expense as a percent of revenue by more than 300 basis points compared to the prior year.
- · Strong operating performance produced excellent cash flow, and the company returned \$280 million to shareholders in the form of share repurchases.

Fourth Quarter Financial Results

Fourth quarter revenue of \$99.3 million represented a 12.5 percent sequential decrease. GAAP gross margin was 60.5 percent of revenue. On a GAAP basis, R&D investment for the period was \$27.4 million and SG&A expense was \$25.6 million, totaling \$53 million in operating expenses. Fourth quarter GAAP operating income was \$7.1 million. Other income, principally interest on invested cash, was approximately \$1 million. GAAP diluted earnings per share were \$0.14.

The following non-GAAP results exclude the impact of stock compensation expense and \$2.6 million in other one-time charges. Non-GAAP gross margin was 61.8 percent, at the high end of the company's target range of 60 to 62 percent. Non-GAAP operating expenses declined from the fourth quarter forecast by more than six percent to \$41.4 million. Non-GAAP operating income was \$20 million or 20.1 percent of revenue. Non-GAAP diluted earnings per share were \$0.37. The reconciling charges are set forth in the financial measures table included below.

During the fourth quarter, both accounts receivables and inventory declined. Inventory decreased by 18 percent sequentially as the company reacted quickly to changing demand. In the fourth quarter, the company repurchased \$38 million or 1.7 million shares and ended the year with a cash, cash equivalents and investments balance of \$325 million.

Business Summary

The company's RF business experienced a sequential decline in the fourth quarter. Consumer demand weakness impacted the business, particularly sales into portable navigation devices. However, design activity remained strong, with approximately 100 new audio design wins during the quarter and significant tierone design wins in both video and short-range wireless.

The Access business experienced a single-digit sequential decline in the fourth quarter driven by weakness among residential gateway and PON terminal customers. The Broad-based business was also down sequentially, with the MCU products most heavily impacted by the macro economic weakness and declining significantly across most end-market segments.

"Despite the effects of macro economic weakness, we executed well in 2008, increasing share and further diversifying," said Necip Sayiner, president and CEO of Silicon Laboratories. "While ongoing inventory contraction and a deteriorating demand environment are expected to result in a sequential revenue decline of 20 to 25 percent for the first quarter, we believe we are building significant market share momentum due to very compelling new products and a strong position at our customers. We intend to contain costs and preserve cash flow while continuing to invest in key programs to build upon these hard-earned market share gains."

Webcast and Conference Call

A conference call discussing the 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 1-866-516-0673 or +1 203-369-2037 (international). Replays will be available through February 18th, 2009.

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; 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 Asia 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 (including risks that acquisitions may not yield the expected benefits due to the failure to properly integrate the acquired businesses and employees; risks that the customer base and revenue of the acquired businesses may cease to expand or may decline; risks that the acquired business' products under development may fail to achieve market acceptance; risks of disputes regarding the acquired business; risks that the performance of Silicon Laboratories' existing business may not offset the dilutive effect of an acquisition); risks associated with 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. Consolidated Statements of Income (In thousands, except per share data) (Unaudited)

		Three Mon	ths E	nded	Twelve Months Ended					
	J.	anuary 3, 2009	I	December 29, 2007		January 3, 2009		ecember 29, 2007		
Revenues	\$	99,348	\$	100,111	\$	415,630	\$	337,461		
Cost of revenues		39,252		36,565		159,845		130,225		
Gross margin		60,096		63,546		255,785		207,236		
Operating expenses:										
Research and development		27,369		21,524		101,205		89,320		
Selling, general and administrative		25,639		27,551		100,674		94,819		
In-process research and development		_		_		10,250		_		
Operating expenses		53,008		49,075		212,129		184,139		
Operating income		7,088		14,471		43,656		23,097		
Other income (expense):										
Interest income		1,172		6,523		10,449		24,525		
Interest expense		(108)		(101)		(433)		(628)		
Other income (expense), net		(16)		(87)		(556)		(469)		
Income from continuing operations before income taxes		8,136		20,806		53,116		46,525		
Provision (benefit) for income taxes		1,812		4,888		20,181		6,838		
Income from continuing operations		6,324		15,918		32,935		39,687		
Income from discontinued operations, net of income taxes		_		5,399		_		165,149		
Net income	\$	6,324	\$	21,317	\$	32,935	\$	204,836		
Basic earnings per share:	-									
Income from continuing operations	\$	0.14	\$	0.29	\$	0.68	\$	0.72		
Net income	\$	0.14	\$	0.39	\$	0.68	\$	3.74		
Diluted earnings per share:										
Income from continuing operations	\$	0.14	\$	0.28	\$	0.67	\$	0.70		
Net income	\$	0.14	\$	0.38	\$	0.67	\$	3.64		
Weighted-average common shares outstanding:										
Basic		45,256		54,377		48,109		54,826		
Diluted		45,635		55,901		48,989		56,321		

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

						Т		e Months Ended nuary 3, 2009						
Non-GAAP Income Statement Items			GAAP GAAP Percent of Measure Revenue			Stock Compensation Expense		Termination Costs and Impairments	Cost of Sales Fair Value Adjustment			Non-GAAP Measure	Non-GAAP Percent of Revenue	
Revenues	\$	99,348				-		-						
Gross margin		60,096		60.5%	\$	586	\$	_	\$	761	\$	61,443	61.8%	
Operating expenses		53,008		53.4%		9,690		1,859		_		41,459	41.7%	
Operating income		7,088		7.1%		10,276		1,859		761		19,984	20.1%	
					7	Three Months Ended January 3, 2009	l							
Non-GAAP Diluted Earnings Per Share		GAAP Measure	Co	Stock mpensation Expense		Termination Costs and Impairments		Cost of Sales Fair Value Adjustment		Non-GAAP Measure				
Income from continuing operations	\$	6,324	\$	8,691	\$	1,208	\$	495	\$	16,718				
Diluted shares outstanding		45,635		_		_		_		45,635				
Diluted earnings per share from continuing operations	\$	0.14							\$	0.37				

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

	Twelve Months Ended January 3, 2009														
Non-GAAP Income Statement Items		GAAP Measure		GAAP Percent of Revenue	Co	Stock ompensation Expense		Termination Costs and mpairments	C	ost of Sales Fair Value Adjustment]	IPR&D		Non- GAAP ⁄Ieasure	Non-GAAP Percent of Revenue
Revenues	\$	415,630			'							_			
Operating income		43,656		10.5%	\$	40,669	\$	1,859	\$	2,159	\$	10,250	\$	98,593	23.7%
								nths Ended y 3, 2009							
Non-GAAP Diluted Earnings Per Share	_	GAAP Measure	Stock Compensation Expense		Termination Costs and Impairments		Cost of Sales Fair Value Adjustment		Acquisition Tax Expense		IPR&D		Non- GAAP Measure		
Income from continuing operations	\$	32,935	\$	35,022	\$	1,208	\$	1,403	\$	11,756	¢	10,250	\$	92,574	
operations	Ф	32,933	Þ	33,022	Ф	1,200	Þ	1,405	Ф	11,/30	Ф	10,230	Ф	92,374	
Diluted shares outstanding		48,989		_		_		_		_		_		48,989	
Diluted earnings per share from continuing															
operations	\$	0.67											\$	1.89	
				Twelve Mor December											
Non-GAAP Diluted Earnings Per Share		GAAP Measure	C	Stock ompensation Expense		Relocation Charges		Non-GAAP Measure							
Income from continuing operations	\$	39,687	\$	33,223	\$	523	\$	73,433							
Diluted shares outstanding		56,321		_		_		56,321							
Diluted earnings per share from continuing operations	\$	0.70					\$	1.30							
r															

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

	J	anuary 3, 2009	D	ecember 29, 2007
Assets				
Current assets:				
Cash and cash equivalents	\$	172,272	\$	264,408
Short-term investments		101,267		308,566
Accounts receivable, net of allowance for doubtful accounts of \$1,011 at January 3, 2009 and \$517 at				
December 29, 2007		36,144		51,211
Inventories		28,293		28,587
Deferred income taxes		6,439		6,025
Prepaid expenses and other current assets		18,297		33,895
Total current assets		362,712		692,692
Long-term investments		51,821		_
Property, equipment and software, net		30,496		28,157
Goodwill		105,515		73,199
Other intangible assets, net		49,728		18,077
Other assets, net		23,973		28,121
Total assets	\$	624,245	\$	840,246
Liabilities and Stockholders' Equity				
Current liabilities:				
Accounts payable	\$	22,274	\$	33,321
Accrued expenses		29,119		26,397
Deferred income on shipments to distributors		21,599		28,448
Income taxes		4		5,226
Total current liabilities		72,996		93,392
Long-term obligations and other liabilities		48,789		43,309
Total liabilities		121,785		136,701
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; 44,613 and 52,810 shares issued and				
outstanding at January 3, 2009 and December 29, 2007, respectively		4		5
Additional paid-in capital		75,711		303,682
Retained earnings		432,793		399,858
Accumulated other comprehensive loss		(6,048)		_
Total stockholders' equity		502,460		703,545
Total liabilities and stockholders' equity	\$	624,245	\$	840,246