

**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): **May 12, 2006**

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):

- 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 5.02. DEPARTURE OF DIRECTORS OR PRINCIPAL OFFICERS; ELECTION OF DIRECTORS; APPOINTMENT OF PRINCIPAL OFFICERS

On May 12, 2006, Silicon Laboratories Inc. ("Silicon Laboratories") issued a press release announcing that Russ Brennan, chief financial officer, will take a leave of absence due to persistent health issues related to the treatment of carcinoid cancer diagnosed in 2003.

Paul Walsh, Silicon Laboratories' corporate controller, has been appointed as interim chief financial officer, effective as of May 12, 2006. Mr. Walsh joined Silicon Laboratories in January 2004 as the director of finance for worldwide operations. He was appointed corporate controller in March 2005. Prior to joining Silicon Laboratories, Mr. Walsh served as site controller for PerkinElmer, Inc. from March 2003 to January 2004. Prior to joining PerkinElmer, Inc., Mr. Walsh served as manufacturing controller for Teradyne, Inc. from July 2001 to March 2003 and as Finance Manager from July 2000 to July 2001. Prior to joining Teradyne, Inc., Mr. Walsh held various finance and planning roles at Analog Devices, Inc. from 1992 to July 2000. Mr. Walsh, age 41, holds a masters of business administration degree from Boston University and a bachelors degree in mechanical engineering from the University of Maine.

The press release announcing the appointment of Mr. Walsh is attached hereto as Exhibit 99.

ITEM 9.01. FINANCIAL STATEMENTS AND EXHIBITS

(c) Exhibits.

99 Press Release of Silicon Laboratories Inc. dated May 12, 2006.

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.
(Registrant)

May 12, 2006

Date

/s/ Necip Sayiner

Necip Sayiner

PRESIDENT AND

CHIEF EXECUTIVE OFFICER

(PRINCIPAL EXECUTIVE OFFICER)

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EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>
99	Press release of Silicon Laboratories Inc. dated May 12, 2006.

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NEWS RELEASE

SILICON LABORATORIES APPOINTS INTERIM CFO

—Company will Begin Executive Search to Replace CFO on Medical Leave—

AUSTIN, Texas – May 12, 2006 — Silicon Laboratories Inc. (Nasdaq: SLAB) today announced that Russ Brennan, chief financial officer, will take a leave of absence due to persistent health issues related to the treatment of carcinoid cancer diagnosed in 2003. An executive search will begin immediately, and in the interim, Paul Walsh, Silicon Laboratories' corporate controller, has been appointed CFO.

Mr. Walsh joined Silicon Laboratories in 2004 as the director of finance for worldwide operations. He was appointed corporate controller in 2005. Mr. Walsh has more than a decade of experience in the semiconductor industry. In addition to his experience at Silicon Laboratories, he has held significant roles related to business operations, financial planning and analysis, and international finance and accounting at Analog Devices, Teradyne, and PerkinElmer. Mr. Walsh has an M.B.A from Boston University and a B.S. in mechanical engineering from the University of Maine.

The Company anticipates a permanent CFO will be on board by the end of the year. Mr. Brennan is expected to return and play an active role in the company's strategic financial planning when his health allows.

"We wish Russ well and look forward to his return to our team. Russ has made a tremendous contribution to the company by building a solid financial foundation while recruiting and mentoring a strong finance team," said Necip Sayiner, president and chief executive officer of Silicon Laboratories. "I feel very confident in Paul's ability to support the company as interim

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CFO and do not expect any disruption to current operations during the transition."

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. These forward-looking statements involve risks and uncertainties. A number of important factors could cause actual results to differ materially from those in the forward-looking statements, including risks associated with the company's dependence on key personnel and other factors that are described 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.

CONTACT: Silicon Laboratories Inc., Shannon Pleasant, 512/464-9254 shannon.pleasant@silabs.com

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