

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| OMB APPROVAL                                 |           |
|--|-----------|
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|  |               |           |   |  |  |   |  |  |  |
|--|---------------|-----------|---|--|--|---|--|--|--|
| 1. Name and Address of Reporting Person*<br><u>Walsh Paul V Jr</u> |               |           | 2. Issuer Name and Ticker or Trading Symbol<br><u>SILICON LABORATORIES INC [ SLAB ]</u> |  |  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br>Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><u>VP Principal Accounting Office</u> |  |  |  |
| (Last)   | (First)       | (Middle)  | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>04/01/2010</u>                   |  |  | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br>Form filed by More than One Reporting Person   |  |  |  |
| <u>400 W CESAR CHAVEZ</u>  |               |           | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                |  |  |   |  |  |  |
| (Street)   | <u>AUSTIN</u> | <u>TX</u> | <u>78701</u>  |  |  |   |  |  |  |
| (City)   | (State)       | (Zip)     |   |  |  |   |  |  |  |

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3)  | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) |            |         | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|----------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|---------|---|--|---|
|                                  |                                      |  | Code                           | V | Amount  | (A) or (D) | Price   |   |  |   |
| Common Stock, \$0.0001 par value | 04/01/2010                           |  | S                              |   | 750 <sup>(1)</sup>  | D          | \$47.94 | 35,760  | D  |   |
| Common Stock, \$0.0001 par value | 04/05/2010                           |  | M                              |   | 3,630   | A          | \$25.07 | 39,390  | D  |   |
| Common Stock, \$0.0001 par value | 04/05/2010                           |  | S                              |   | 3,630 <sup>(1)</sup>  | D          | \$50    | 35,760  | D  |   |

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |       | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |       |
|--|--|--------------------------------------|--|--------------------------------|---|--|-------|--|-----------------|---|--|--|---|--|-------|
|  |  |                                      |  | Code                           | V | (A)  | (D)   | Date Exercisable   | Expiration Date |   |  |  |   |  | Title |
| Incentive Stock Option (right to buy)      | \$25.07  | 04/05/2010                           |  | M                              |   |  | 2,187 | 05/02/2006 <sup>(2)</sup>                                | 05/02/2015      | Common Stock, \$0.0001 par value  | 2,187                                      | <sup>(3)</sup>   | 2,382   | D  |       |
| Non-Qualified Stock Option (right to buy)  | \$25.07  | 04/05/2010                           |  | M                              |   |  | 1,443 | 05/02/2006 <sup>(2)</sup>                                | 05/02/2015      | Common Stock, \$0.0001 par value  | 1,443                                      | <sup>(3)</sup>   | 1,572   | D  |       |

**Explanation of Responses:**

- Shares sold pursuant to Reporting Person's 10b5-1 Trading Plan.
- Option vests and becomes exercisable with respect to (i) twenty percent (20%) of the option shares upon the date exercisable and (ii) the balance of the option shares in a series of forty-eight (48) successive monthly installments over the forty-eight (48) month period measured from the date exercisable.
- Not applicable per instruction 4(c)(iii).

Paul V. Walsh

04/06/2010

\*\* Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.