

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

1. Name and Address of Reporting Person*: Walsh Paul V Jr, 400 CESAR CHAVEZ, AUSTIN TX 78701
2. Issuer Name and Ticker or Trading Symbol: SILICON LABORATORIES INC [SLAB]
3. Date of Earliest Transaction: 09/12/2006
4. If Amendment, Date of Original Filed:
5. Relationship of Reporting Person(s) to Issuer: X Director 10% Owner, X Officer (Interim VP & CFO)
6. Individual or Joint/Group Filing: X Form filed by One Reporting Person

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

Table with 7 columns: 1. Title of Security, 2. Transaction Date, 2A. Deemed Execution Date, 3. Transaction Code, 4. Securities Acquired (A) or Disposed Of (D), 5. Amount of Securities, 6. Ownership Form, 7. Nature of Indirect Beneficial Ownership. Data row: Common Stock, \$0.0001 par value, 09/12/2006, F, 176, D, \$31.83, 17,757, D

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

Table with 11 columns: 1. Title of Derivative Security, 2. Conversion or Exercise Price, 3. Transaction Date, 3A. Deemed Execution Date, 4. Transaction Code, 5. Number of Derivative Securities, 6. Date Exercisable and Expiration Date, 7. Title and Amount of Securities, 8. Price of Derivative Security, 9. Number of derivative Securities, 10. Ownership Form, 11. Nature of Indirect Beneficial Ownership.

Explanation of Responses:

Paul V Walsh Jr. 09/14/2006
** 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.