

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Downing Mark A</u>	2. Date of Event Requiring Statement (Month/Day/Year) 04/27/2012	3. Issuer Name and Ticker or Trading Symbol <u>SILICON LABORATORIES INC [SLAB]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Sr Vice President, Broad Based</u>	5. If Amendment, Date of Original Filed (Month/Day/Year)
(Last) (First) (Middle) <u>400 WEST CESAR CHAVEZ</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
(Street) <u>AUSTIN TX 78701</u>			
(City) (State) (Zip)			

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
<u>Common Stock, \$0.0001 par value</u>	<u>24,720⁽¹⁾</u>	<u>D</u>	

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
<u>Non-Qualified Stock Option (right to buy)</u>	<u>07/23/2008⁽²⁾</u>	<u>07/23/2017</u>	<u>Common Stock, \$0.0001 par value</u> 63,756	<u>37.44</u>	<u>D</u>	

Explanation of Responses:

1. Includes 21,014 restricted stock units (RSUs) that will entitle Reporting Person to receive one share of common stock per RSU. 8,607 RSUs will vest on February 15, 2013, 5,817 RSUs will vest on February 15, 2014, 3,592 RSUs will vest on February 15, 2015, and 2,998 RSUs will vest on April 15, 2015. All RSUs will be settled pursuant to the terms of the Issuer's 2009 Stock Incentive Plan.
2. 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.

Mark A. Downing05/02/2012

** 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 5 (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.