

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	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u>BRESEMANN DAVID P</u> (Last) (First) (Middle) 4635 BOSTON LANE (Street) AUSTIN TX 78735 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>SILICON LABORATORIES INC [SLAB]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) Other (specify below) Vice President
	3. Date of Earliest Transaction (Month/Day/Year) 09/12/2005	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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	09/12/2005		A		2,856 ⁽¹⁾	A	\$0.0001	16,626	D	
Common Stock, \$0.0001 par value	09/13/2005		M		416 ⁽²⁾	A	\$15.1	17,042	D	
Common Stock, \$0.0001 par value	09/13/2005		M		184 ⁽²⁾	A	\$15.44	17,226	D	
Common Stock, \$0.0001 par value	09/13/2005		S		960 ⁽³⁾	D	\$32.52	16,266	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
Non-Qualified Stock Option (right to buy)	\$15.1	09/13/2005		M		416 ⁽²⁾		07/16/2003 ⁽⁴⁾	09/21/2011	Common Stock, \$0.0001 par value	416	\$0 ⁽⁵⁾	4,584	D	
Non-Qualified Stock Option (right to buy)	\$15.44	09/13/2005		M		184 ⁽²⁾		03/16/2001 ⁽⁶⁾	03/16/2011	Common Stock, \$0.0001 par value	184	\$0 ⁽⁵⁾	4,416	D	

Explanation of Responses:

- Reflects the grant of restricted stock units that will entitle the Reporting Person to receive one share of common stock per restricted stock unit. The restricted stock units vest at the rate of 20% per year on each anniversary date after September 12, 2005 and will be settled pursuant to the terms of the Issuer's 2000 Stock Incentive Plan.
- Stock Option exercise pursuant to reporting person's 10(b)5-1 plan.
- Shares sold pursuant to reporting person's 10(b)5-1 plan.
- This option becomes exercisable as it vests in a series of thirty-six (36) successive equal monthly installments beginning July 16, 2003.
- Not applicable per instruction 4(c)(iii).
- This option becomes exercisable as it vests in a series of sixty (60) successive equal monthly installments beginning March 16, 2001.

David P. Bresemann 09/14/2005
 ** 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.