

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

SILICON LABORATORIES INC.

(Name of Issuer)

COMMON STOCK, PAR VALUE \$.0001

(Title of Class of Securities)

826919 10 2

(CUSIP Number)

December 31, 2001

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this
Schedule is filed:

/ / Rule 13d-1(b)

/ / Rule 13d-1(c)

/X/ Rule 13d-1(d)

1 of 4

CUSIP No. 826919 10 2

(1) Names of Reporting Persons.
I.R.S. Identification Nos. of above persons (entities only).

Navdeep S. Sooch

(2) Check the Appropriate Box if a Member (a) / /
of a Group (b) /X/

(3) SEC Use Only

(4) Citizenship or Place of Organization
United States of America

Number of Shares (5) Sole Voting Power
Beneficially Owned by 6,698,228

Each Reporting (6) Shared Voting Power
Person With: 479,500

(7) Sole Dispositive Power
6,698,228

(8) Shared Dispositive Power
479,500

(9) Aggregate Amount Beneficially Owned by Each Reporting Person
7,177,728

(10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares / /

(11) Percent of Class Represented by Amount in Row (9)
14.7%

(12) Type of Reporting Person (See Instructions)
IN

ITEM 1.

- (a) Name of Issuer
Silicon Laboratories Inc.
- (b) Address of Issuer's Principal Executive Offices
4635 Boston Lane Austin, TX 78735

ITEM 2.

- (a) Name of Person Filing
Navdeep S. Sooch
- (b) Address of Principal Business Office or, if none, Residence
4635 Boston Lane, Austin, TX 78735
- (c) Citizenship
United States of America
- (d) Title of Class of Securities
Common Stock, par value \$0.0001 per share
- (e) CUSIP Number
826919 10 2

ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO SECTIONS 240.13d-1(b) OR 240.13d-2(b) OR (c), CHECK WHETHER THE PERSON FILING IS A:

Not Applicable. This statement on Schedule 13G is not being filed pursuant to Rule 13d-1(b), 13d-2(b), or 13d-2(c).

ITEM 4. OWNERSHIP

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned:

As of December 31, 2001, Navdeep S. Sooch is the record owner of 6,644,395 shares of Common Stock and is deemed to beneficially own an additional 53,833 shares of Common Stock which he may acquire within 60 days of December 31, 2001 through the exercise of a stock option and he may also be deemed to beneficially own an additional 479,500 shares of Common Stock of which 76,500 shares are held of record by the David T. Sooch Trust, 76,500 shares are held of record by the Kelly A. Sooch Trust, 76,500 shares are held of record by the Kevin S. Sooch Trust (collectively, the Trusts) and 250,000 shares are held of record by Libra II, L.P. Mr. Sooch and his wife, Janet H. Sooch, serve as co-trustees of each of the Trusts and are the sole officers of the corporate general partner of Libra II, L.P., and in such capacities hold the shared power to vote and dispose of the shares owned by such Trusts and by Libra II, L.P. Therefore, Mr. Sooch may be deemed to own beneficially an aggregate of 7,177,728 shares of Common Stock as of December 31, 2001. Mr. Sooch disclaims beneficial ownership of all shares held by such Trusts and Libra II, L.P.

(b) Percent of class:
14.7%

(c) Number of shares as to which the person has:

- (i) Sole power to vote or to direct the vote
6,698,228
- (ii) Shared power to vote or to direct the vote
479,500
- (iii) Sole power to dispose or to direct the disposition of
6,698,228
- (iv) Shared power to dispose or to direct the disposition of

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS

Not Applicable.

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON

Not Applicable.

3 of 4

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY

Not Applicable.

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP

Not Applicable.

ITEM 9. NOTICE OF DISSOLUTION OF GROUP

Not Applicable.

ITEM 10. CERTIFICATION

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

2/5/02

DATE

/s/ NAVDEEP S. SOOCH

SIGNATURE

NAVDEEP S. SOOCH, CHAIRMAN AND C.E.O.

NAME/TITLE

The original statement shall be signed by each person on whose behalf the statement is filed or his authorized representative. If the statement is signed on behalf of a person by his authorized representative other than an executive officer or general partner of the filing person, evidence of the representative's authority to sign on behalf of such person shall be filed with the statement, provided, however, that a power or attorney for this purpose which is already on file with the Commission may be incorporated by reference. The name and any title of each person who signs the statement shall be typed or printed beneath his signature.

ATTENTION: INTENTIONAL MISSTATEMENTS OR OMISSIONS OF FACT CONSTITUTE FEDERAL CRIMINAL VIOLATIONS (SEE 18 U.S.C. 1001)

4 of 4