

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

FORM 8-K

CURRENT REPORT
Pursuant to Section 13 or 15(d) of
The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): **September 9, 2004**

NATIONAL SEMICONDUCTOR CORPORATION
(Exact name of registrant as specified in its charter)

DELAWARE
(State of Incorporation)

1-6453
(Commission
File Number)

95-2095071
(I.R.S. Employer
Identification Number)

2900 SEMICONDUCTOR DRIVE, P.O. BOX 58090
SANTA CLARA, CALIFORNIA 95052-8090
(Address of Principal Executive Offices)

(408) 721-5000

(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communication pursuant to Rule 425 under the securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Act (17 CFR 240.14a-12)

NATIONAL SEMICONDUCTOR CORPORATION

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Item 2.02 RESULTS OF OPERATION AND FINANCIAL CONDITION

On September 9, 2004, National Semiconductor Corporation issued a news release announcing earnings for the quarter ended August 29, 2004. The earnings news release, which has been attached as Exhibit 99.1, contains unaudited Condensed Consolidated Statements of Operations, Balance Sheets, and Statements of Cash Flows that are presented in accordance with United States generally accepted accounting principles, or GAAP.

The information in Exhibit 99.1 attached hereto shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended.

Item 9.01 FINANCIAL STATEMENTS AND EXHIBITS

(c) Exhibits

<u>Exhibit No.</u>	<u>Description of Exhibit</u>
99.1	News release dated September 9, 2004 issued by National Semiconductor Corporation* (Earnings)

*This exhibit is intended to be furnished and shall not be deemed "filed" for purposes of the Securities Exchange Act of 1934, as amended.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

NATIONAL SEMICONDUCTOR CORPORATION

//S// Robert E. DeBarr

Dated: September 9, 2004

Robert E. DeBarr
Controller
Signing on behalf of the registrant and
as principal accounting officer