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)

October 24, 2006

GENESIS MICROCHIP INC.

(Exact name of registrant as specified in its charter)

Delaware (State or Other Jurisdiction of

000-33477 (Commission File Number) 77-0584301 (I.R.S. Employer

Incorporation or Organization)

2150 Gold Street

 $Identification\ No.)$

Alviso, California 95002

(Address of principal executive offices, including zip code)

(408) 262-6599

(Registrant s telephone number, including area code)

Not Applicable

(Former name or former address, if changed since last report)

ck the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of following provisions (see General Instruction A.2. below):
 Written communications 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 Exchange Act (17 CFR 240.14d-2(b))
- " Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02. Results of Operations and Financial Condition

On October 24, 2006, Genesis Microchip Inc. (the Registrant) issued a press release announcing its financial results for its fiscal quarter ended September 30, 2006, the text of which is furnished herewith as Exhibit 99.1.

Item 9.01. Financial Statements and Exhibits

(d) Exhibits.

Exhibit No. Description

99.1 Press Release of Genesis Microchip Inc. dated October 24, 2006

The information in this Current Report is being furnished and shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934 (the Exchange Act) or otherwise subject to the liabilities of that Section. The information in this Current Report shall not be incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

SIGNATURE

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

GENESIS MICROCHIP INC.

Date: October 24, 2006 By: /s/ Michael Healy

Name: Michael Healy

Title: Chief Financial Officer

EXHIBIT INDEX

Exhibit No. Document

99.1 Press Release of Genesis Microchip Inc. dated October 24, 2006