MICROSEMI CORP Form 8-K October 26, 2011

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 26, 2011

Microsemi Corporation

(Exact Name of Registrant as Specified in its Charter)

Delaware 000-08866 95-2110371

(State or Other Jurisdiction	(Commission	(I.R.S. Employer
of Incorporation)	File Number)	Identification No.

One Enterprise

Aliso Viejo, California
92656
(Address of Principal Executive Offices)
Registrant s telephone number, including area code: (949) 380-6100

(Former Name or Former Address, if Changed Since Last Report.)

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:

- " Written communications pursuant to Rule 425 under the Securities Act (17 CFR 240.425)
- " 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 7.01 Regulation FD Disclosure.

On October 26, 2011, Microsemi Corporation issued a press release regarding the impact of ongoing flooding in Thailand on its operations. The text of the press release, which is furnished as Exhibit 99.1 hereto, is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit

Number Description

99.1 Press release issued by Microsemi Corporation on October 26, 2011.

SIGNATURE

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

Microsemi Corporation

(Registrant)

By:

Date: October 26, 2011

Treasurer and Secretary

EXHIBIT INDEX

Exhibit

Number Description

99.1 Press release issued by Microsemi Corporation on October 26, 2011.