# 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): November 10, 2011

#### MICROSEMI CORPORATION

(Exact name of registrant as specified in its charter)

Delaware 0-8866 95-2110371
(State or other jurisdiction of incorporation) Number) (IRS Employer Identification No.)

One Enterprise, Aliso Viejo, California 92656 (Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code (949) 380-6100

#### Former Address:

2381 Morse Avenue, Irvine, California 92614 (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:

## Edgar Filing: MICROSEMI CORP - Form 8-K

- 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))

#### INFORMATION TO BE INCLUDED IN THE REPORT

Item 2.02 Results of Operations and Financial Condition.

On November 10, 2011 the Registrant issued a press release, a copy of which is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

Exhibit No. Description

99.1 Press release dated November 10, 2011

### **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.

MICROSEMI CORPORATION (Registrant)

Date: November 10, 2011

/s/ JOHN W. HOHENER John W. Hohener Executive Vice President, Chief Financial Officer, Treasurer and Secretary

#### **EXHIBIT INDEX**

Exhibit No. Description

99.1 Press release dated November 10, 2011.