MICROSEMI CORP Form 8-K August 19, 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): August 17, 2011

Microsemi Corporation

(Exact Name of Registrant as Specified in its Charter)

Delaware (State or Other Jurisdiction

000-08866 (Commission 95-2110371 (I.R.S. Employer

of Incorporation)

File Number)

Identification No.)

One Enterprise Drive

Aliso Viejo, California
92656
(Address of Principal Executive Offices)
Registrant s telephone number, including area code: (949) 221-7100

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:

- 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 8.01 Other Events.

On August 17, 2011, Microsemi Corporation (Microsemi) issued a press release announcing that 0916753 B.C. ULC, an indirect wholly-owned subsidiary of Microsemi, had formally commenced its offers (the Offers) to acquire all of the outstanding common shares, together with associated rights outstanding under the shareholder rights plan, of Zarlink Semiconductor Inc. (Zarlink), and all of the outstanding 6 percent unsecured, subordinated convertible debentures maturing on September 30, 2012 of Zarlink. The press release announcing the Offers is attached as Exhibit 99.1 to this Form 8-K and 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 August 17, 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: August 18, 2011

/s/ JOHN W. HOHENER
John W. Hohener
Vice President, Chief Financial Officer,

Treasurer and Secretary