CYPRESS SEMICONDUCTOR CORP /DE/ Form 8-K September 18, 2008

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, DC 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 17, 2008

CYPRESS SEMICONDUCTOR CORPORATION

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of

1-10079 (Commission File Number) 94-2885898 (IRS Employer

incorporation)

198 Champion Court

Identification No.)

San Jose, California 95134-1599

(Address of principal executive offices, including zip code)

(408) 943-2600

(Registrant s telephone number, including area code)

(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 (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 8.01 Other Events.

On September 17, 2008, Cypress Semiconductor Corporation issued a press release announcing the registration with the Securities and Exchange Commission of the SunPower Corporation Class B common stock proposed to be distributed by Cypress. A copy of this press release is attached as Exhibit 99.1 to this report and is incorporated by reference herein.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits. The exhibit listed below is being filed with this Form 8-K.

Exhibit 99.1 Press Release, dated September 17, 2008

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.

CYPRESS SEMICONDUCTOR CORPORATION.

Date: September 17, 2008 By: /s/ Brad W. Buss

Brad W. Buss

Executive Vice President,

Finance and Administration and Chief Financial Officer

EXHIBIT INDEX

Exhibit No. Description

99.1 Press Release, dated September 17, 2008