### **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

# **ALTERA CORPORATION**

(Exact name of registrant as specified in its charter)

**Delaware** (State or Other Jurisdiction

0-16617 (Commission File Number)

77-0016691 (IRS Employer

of Incorporation)

Identification No.)

101 Innovation Drive, San Jose, California 95134 (Zip Code) (Address of principal executive offices) Registrant s telephone number, including area code: (408) 544-7000

Not Applicable

(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 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, Altera Corporation issued a press release announcing its financial results for the second quarter of 2006. A copy of the press release is furnished as Exhibit 99.1 to this report.

#### Item 9.01 Financial Statements and Exhibits.

- (d) Exhibits.
  - 99.1 Press Release dated October 24, 2006

#### **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.

ALTERA CORPORATION

/s/ James Callas James Callas

Acting Chief Financial Officer

Date: October 24, 2006

#### EXHIBIT INDEX

Exhibit No.

**Description**Press Release dated October 24, 2006 99.1