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): April 23, 2007

ALTERA CORPORATION

(Exact name of registrant as specified in its charter)

Delaware (State or Other Jurisdiction of Incorporation)

0-16617 (Commission File Number)

77-0016691 (IRS Employer **Identification No.**)

101 Innovation Drive, San Jose, California 95134 (Address of principal executive offices) (Zip Code)

Registrant s telephone number, including area code: (408) 544-7000

Not Applicable

(Former name or former address, if changed since last report.)

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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 April 23, 2007, Altera Corporation issued a press release announcing its financial results for the first quarter of 2007. 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 April 23, 2007

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/ Timothy R. Morse Timothy R. Morse Chief Financial Officer

Date: April 23, 2007

EXHIBIT INDEX

Exhibit No.

DescriptionPress Release dated April 23, 2007 99.1