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): May 15, 2007

Power Integrations, Inc.

(Exact name of Registrant as specified in its charter)

Delaware (State or other jurisdiction

000-23441 (Commission File Number) 94-3065014 (IRS Employer

of incorporation)

5245 Hellyer Avenue

Identification No.)

San Jose, California 95138-1002

(Address of principal executive offices)

(408) 414-9200

(Registrant s telephone number, including area code)

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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 (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 2.02. Results of Operations and Financial Condition.

On February 15, 2007, Power Integrations, Inc. issued a press release announcing its preliminary 2007 first quarter financial results. A copy of the press release is attached as Exhibit 99.1 to this current report and is incorporated herein by reference.

The information in this current report and in the accompanying exhibit shall not be deemed to be filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that Section or Sections 11 and 12(a)(2) of the Securities Act of 1933, as amended. The information contained in this current report and in the accompanying exhibit shall not be incorporated by reference into any filing with the U.S. Securities and Exchange Commission made by Power Integrations, Inc., whether made before or after the date hereof, regardless of any general incorporation language in such filing.

Item 9.01 Financial Statements and Exhibits.

Exhibit No. Description

99.1 Press Release, dated May 15, 2007, announcing Power Integrations 2007 Preliminary First Quarter Financial Results.

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.

Power Integrations, Inc.

By: /s/ Rafael Torres Name: Rafael Torres

Title: Chief Financial Officer

Dated: May 15, 2007

EXHIBIT INDEX

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99.1 Press Release, dated May 15, 2007, announcing Power Integrations 2007 Preliminary First Quarter Financial Results.