# **UNITED STATES**

SECURITIES ANI	EXCHANGE (	COMMISSION
W	ashington, D.C. 20549	
	Form 8-K	
OPURSUANT TO SECTION 13 OR 15	CURRENT REPORT  5(d) OF THE SECURITII	ES EXCHANGE ACT OF 1934
Date of repo	ort (date of earliest event report April 20, 2005	ed):
	Integrations, I	
Delaware (State or other jurisdiction	0- 23441 (Commission File No.)	94-3065014 (I.R.S. Employer
of incorporation)	5245 Hellver Avenue	Identification No.)

San Jose, California 95138-1002

(Address of principal executive offices)

#### Registrant s telephone number, including area code:

(408) 414-9200

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.

Attached hereto as Exhibit 99.1 and incorporated by reference herein is the text of Power Integrations, Inc. s announcement (the Press Release) regarding its financial results for the quarter ended March 31, 2005 (the Results) and forward-looking statements relating to the second quarter of fiscal 2005.

In conjunction with the issuance of the Press Release, Power Integrations conducted a conference call on April 20, 2005 to discuss the Results with investors and financial analysts. A copy of the transcript of the conference call is attached as Exhibit 99.2 to this Current Report on Form 8-K and is incorporated herein by reference.

#### Item 9.01 Financial Statements and Exhibits.

(c) Exhibits.

Exhibit Number	Exhibit Title or Description
99.1	Press Release dated April 20, 2005.
99.2	Transcript of conference call held on April 20, 2005.

The information in this report and the accompanying exhibit shall not be incorporated by reference into any filings of Power Integrations, Inc. with the Securities and Exchange Commission, whether made before or after the date hereof, regardless of any general incorporation language in such filing, unless expressly incorporated by specific reference in such filing. The information in this report, including 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.

#### **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.

Date: April 25, 2005

Power Integrations, Inc.

By: /s/ John M. Cobb

John M. Cobb Chief Financial Officer

## EXHIBIT INDEX

Exhibit No.	Description
99.1	Power Integrations Press Release, issued April 20, 2005.
99.2	Transcript of conference call held on April 20, 2005.