

MINDSPEED TECHNOLOGIES, INC

Form 8-K

April 24, 2006

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**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 24, 2006

MINDSPEED TECHNOLOGIES, INC.

(Exact name of registrant as specified in its charter)

| | | |
|---|--|---|
| Delaware (State of Incorporation) | 000-50499 (Commission File Number) | 01-0616769 (I.R.S. Employer Identification No.) |
| 4000 MacArthur Boulevard, East Tower Newport Beach, California 92660-3095 (Address of principal executive offices) (Zip code) | | |
| (949) 579-3000 (Registrant's telephone number, including area code) | | |

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))
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Item 2.02 Results of Operations and Financial Condition

Registrant's press release dated April 24, 2006, announcing its results of operations for its fiscal second quarter ended March 31, 2006, is furnished herewith as Exhibit 99.1.

Item 9.01 Financial Statements and Exhibits

(c) Exhibits

99.1 Press release of Registrant dated April 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.

MINDSPEED TECHNOLOGIES, INC.
(Registrant)

Date: April 24, 2006

By /s/ Simon Biddiscombe

Simon Biddiscombe
Senior Vice President, Chief Financial Officer,
Treasurer and Secretary

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99.1 Press release of Registrant dated April 24, 2006