

MINDSPEED TECHNOLOGIES, INC  
Form 8-K  
April 21, 2008

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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549**

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**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 21, 2008

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**MINDSPEED TECHNOLOGIES, INC.**  
(Exact name of registrant as specified in its charter)

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<b>Delaware</b>	<b>000-50499</b>	<b>01-0616769</b>
(State or Other Jurisdiction of Incorporation or Organization)	(Commission File Number)	(IRS 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)

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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))

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**Item 2.02 Results of Operations and Financial Condition.**

The Registrant's press release dated April 21, 2008, announcing its results of operations for its fiscal second quarter ended March 28, 2008, is furnished herewith as Exhibit 99.1 and incorporated herein by reference.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits

99.1 Press release of the Registrant dated April 21, 2008.

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**SIGNATURE**

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.**

Date: April 21, 2008    By: /s/ Raymond D. Cook  
Raymond D. Cook  
Vice President, Interim Chief Financial  
Officer and Treasurer

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**EXHIBIT INDEX**

Exhibit

Number Description

99.1 Press release of the Registrant dated April 21, 2008