MINDSPEED TECHNOLOGIES, INC Form SC 13G/A March 03, 2006

Washington, D.C. 20549

(however, see the Notes).

(Continued on the Following Pages)

SECURITIES AND EXCHANGE COMMISSION

| SCHEDULE 130 | J |
|--------------------|---|
| (RULE 13d - 102 | |
| | N TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO 13d-1(b), (c) AND (d) AND AMENDMENTS ED PURSUANT TO 13d |
| (Amendment No | .1)* |
| Mindspeed Techr | pologies, Inc. |
| (Name of Issuer) | |
| Common Stock | |
| (Title of Class of | Securities) |
| 602682106 | |
| (CUSIP Number) | |
| February 22, 2000 | 5 |
| (Date of Event wh | nich Requires Filing of this Statement) |
| Check the approp | riate box to designate the rule pursuant to which this Schedule is filed: |
| | 3d-1(c) |
| The information i | required on the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act |

| I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) | | | | |
|--|---|--|--|--|
| Amaranth LLC | | | | |
| (| CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) 0 (b) X | | | |
| SEC USE ONLY CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands | | | | |
| NUMBER | OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: | | | |
| 5. S | SOLE VOTING POWER | | | |
| 6. S | SHARED VOTING POWER | | | |
| 7. S | SOLE DISPOSITIVE POWER | | | |
| 8. 0 | SHARED DISPOSITIVE POWER | | | |
| 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON See 6 and 8 above. | | | | |
| | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* 0 | | | |
| 11. I 0 % | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) | | | |
| 12. CO | TYPE OF REPORTING PERSON* | | | |

NAMES OF REPORTING PERSONS

| 1. NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) | | | | |
|--|--|--|--|--|
| Amaranth Advisors L.L.C. | | | | |
| 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) 0 (b) x | | | | |
| (b) X 3. SEC USE ONLY 4. CITIZENSHIP OR PLACE OF ORGANIZATION Delaware | | | | |
| NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH: | | | | |
| 5. SOLE VOTING POWER 0 | | | | |
| 6. SHARED VOTING POWER 0 | | | | |
| 7. SOLE DISPOSITIVE POWER 0 | | | | |
| 8. SHARED DISPOSITIVE POWER 0 | | | | |
| 9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON See 6 and 8 above. | | | | |
| 10. CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* 0 | | | | |
| 11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 0 % | | | | |
| 12. TYPE OF REPORTING PERSON* IA | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

1. NAMES OF REPORTING PERSONS

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

Nicholas M. Maounis

- 2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*
 - (a) (
 - (b) X
- 3. SEC USE ONLY
- 4. CITIZENSHIP OR PLACE OF ORGANIZATION

UNITED STATES

| MILLANDED | OE CILADEC | DEMERICIALLY | OWNED DV EAC | CH REPORTING P | EDCON MITTI |
|-----------|------------|--------------|--------------|----------------|-------------|
| | | | | | |

| 5. 0 | SOLE VOTING POWER |
|-------------------|---|
| 6. 0 | SHARED VOTING POWER |
| 7. 0 | SOLE DISPOSITIVE POWER |
| 8. 0 | SHARED DISPOSITIVE POWER |
| 9. See 6 and | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 8 above. |
| 10. 11. 0 % | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* 0 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) |
| 12. IN, HC | TYPE OF REPORTING PERSON* |

This statement is filed with respect to the shares of common stock, having \$.01 par value (the Common Stock) of Mindspeed Technologies, Inc. (the Issuer) beneficially owned by Amaranth LLC, a Cayman Islands exempted company, Amaranth Advisors L.L.C. and Nicholas M. Maounis (collectively, the Reporting Persons) as of March 3, 2006 and amends and supplements the Schedule 13G filed November 4, 2005 (the Schedule 13G). Except as set forth herein, the Schedule 13G is unmodified.

Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

| 0 | (a) | Amount | beneficially owned: |
|---------------|-----|------------|---|
| 0 % | (b) | Percent of | of class: |
| 0 | (c) | Number (i) | of shares as to which such person has: Sole power to vote or direct the vote |
| See Item 4(a) | | (ii) | Shared power to vote or to direct the vote |

(iii) Sole power to dispose or to direct the disposition of

0

(iv) Shared power to dispose or to direct the disposition of

See Item 4(a).

Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the Reporting Persons have ceased to be the beneficial owner of more than five percent of the class of securities, check the following [X].

Item 10. Certification.

By signing below the undersigned certifies that, to the best of its knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURES

After reasonable inquiry and to the best of its knowledge and belief, each of the undersigned certifies that the information with respect to it set forth in this statement is true, complete, and correct.

Dated: March 3, 2006 AMARANTH LLC,

by Amaranth Advisors L.L.C., as Trading Advisor

By: /s/ Nicholas M. Maounis

Nicholas M. Maounis,

Managing Member

AMARANTH ADVISORS L.L.C.,

By: /s/ Nicholas M. Maounis

Nicholas M. Maounis,

Managing Member

NICHOLAS M. MAOUNIS

/s/ Nicholas M. Maounis
Nicholas M. Maounis,
Managing Member