

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 5)*

Micron Technology

(Name of Issuer)

Common

(Title of Class of Securities)

595112103

(CUSIP Number)

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
 Rule 13d-1(c)
 Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 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 (however, see the Notes).

CUSIP No. 595112103

1. Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only)

PRIMECAP Management Company 95-3868081

2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a)

(b)

3. SEC Use Only

4. Citizenship or Place of Organization

225 South Lake Avenue #400, Pasadena, CA 91101-3005

**Number of
Shares
Beneficially
Owned by
Each
Reporting
Person With**

5. Sole Voting Power
5,890,556

6. Shared Voting Power
-0-

7. Sole Dispositive Power

8. **Shared Dispositive Power**
-0-

9. **Aggregate Amount Beneficially Owned by Each Reporting Person**
62,635,156

10. **Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)** []

11. **Percent of Class Represented by Amount in Row (9)**
10.26%

12. **Type of Reporting Person (See Instructions)**
IA

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Item 10. Certification

(a) The following certification shall be included if the statement is filed pursuant to section 240.13d-1(b):

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and 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.

(b) The following certification shall be included if the statement is filed pursuant to section 240.13d-1(c):

By signing below I certify that, to the best of my 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.

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Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

October 31, 2003

Date

/s/ THEO A. KOLOKOTRONES

Signature

Theo A. Kolokotronis, President

Name/Title

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