

SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934
(Amendment No.)*

Microchip Technologies Inc.

----- (Name of Issuer)

Common Stock

(Title of Class of Securities)

595017104

----- (CUSIP Number)

Check the following box if a fee is being paid with this statement
[x]. (A fee is not required only if the filing person: (1) has a
previous statement on file reporting beneficial ownership of more
than five percent of the class of securities described in Item 1; and
(2) has filed no amendment subsequent thereto reporting beneficial
ownership of five percent or less of such class.) (See Rule 13d-7.)

*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).

(Continued on following page(s))

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Schedule 13G CUSIP No. 595017104

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Pages

-----1. Name of Reporting Person
and SS or IRS

Identification No. of Person

Fred Alger Management, Inc. 13-2510833
Fred M. Alger III ###-##-####

-----2. Check the Appropriate Box if a Member of a Group*
(a) [x] (b) []

-----3. SEC USE ONLY

-----4. Citizenship or Place of Organization

New York, New York

-----5. Sole Voting Power

53,050

-----Shares 6. Shared Voting
Power

Beneficially

Owned by 1,889,375

Each

-----7. Sole Dispositive Power

Reporting Person

With 2,085,725

-----8. Shared Dispositive Power

9. Aggregate Amount Beneficially Owned by Each Reporting Person

2,085,725

-----10. Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares*

-----*SEE INSTRUCTION BEFORE FILLING OUT! Schedule 13G Page 3 of 5 Pages

11. Percent of Class Represented by Amount in Row 9

6.2

-----12. Type of Reporting Person*

Fred Alger Management, Inc. IA
Fred M. Alger III IN

-----Item 1(a). Name of Issuer:

Microchip Technologies, Inc.

Item 1(b). Address of Issuer's Principal Executive Offices:

2355 West Chandler Boulevard
Chandler, AZ 85224

Item 2(a). Name of Person Filing:

- 1. Fred Alger Management, Inc.
- 2. Fred M. Alger III

Item 2(b). Address of Principal Business Office, or if none, Residence:

- 1. 75 Maiden Lane, New York, NY 10038
- 2. 75 Maiden Lane, New York, NY 10038

Item 2(c). Citizenship:

- 1. New York
- 2. New York

Item 2(d). Title of Class of Securities:

Common Stock

Item 2(e). CUSIP Number:

595017104

Item 3. The person filing is a:

Group, in accordance with Rule 240.13d-1(b)(1)(ii)(H)

*SEE INSTRUCTION BEFORE FILLING OUT!

-----Item 4(a). Amount Beneficially Owned:

2,085,725 shs.

Item 4(b). Percent of Class:

6.2

Item 4(c). Number of Shares as to Which Such Person has:

(i) sole power to vote or to direct the vote

53,050

(ii) shared power to vote or to direct the vote

1,889,375

(iii) sole power to dispose or to direct the

disposition of

2,085,725

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

-0-

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 person has ceased to be the beneficial owner of more than five percent of the class of securities check the following [].

Item 6. Ownership of More Than Five Percent on Behalf of Another Person.

n/a

Item 7. Identification and Classification of the Subsidiary Which Acquired the Securities Being Reported on by the Parent Holding Company.

n/a

Schedule 13G

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Item 8. Identification and Classification of Members of the Group:

Fred Alger Management, Inc.	IA
Fred M. Alger III	IN

Item 9. Notice of Dissolution of Group.

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purposes or effect.

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.

Signature

Gregory S. Duch
Executive Vice President

Name and Title

Date _____