MICROCHIP TECHNOLOGY INC
Form SC 13G/A
May 10, 2006

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 2)*

Microchip Technology Inc.
(Name of Issuer)

Common Stock, $.001 par value per share
(Title of Class of Securities)

595017104
(CUSIP Number)

April 30, 2006
(Date of Event Which Requires Filing of this Statement)

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

[X] 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).

SCHEDULE 13G

CUSIP No. 595017104

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

AMVESCAP PLC
AIM Advisors, Inc.
AIM Capital Management, Inc.
AIM Private Asset Management, Inc.

Atlantic Trust Company, N.A.
INVESCO Asset Management GmbH
INVESCO Institutional (N.A.), Inc.
INVESCO Taiwan Limited
Stein Roe Investment Counsel, Inc.

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

(a) [ ]
(b) [ ]

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3. SEC Use Only _____

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4. Citizenship or Place of Organization

AMVESCAP PLC: England
AIM Advisors, Inc: United States
AIM Capital Management, Inc.: United States
AIM Private Asset Management, Inc.: United States
Atlantic Trust Company, N.A.: United States
INVESCO Asset Management GmbH: Germany
INVESCO Institutional (N.A.), Inc.: United States
INVESCO Taiwan Limited: Taiwan
Stein Roe Investment Counsel, Inc.: United States

Number of Shares Beneficially Owned by Each Reporting Person With	5. Sole Voting Power 10,399,521. Such shares are held by the following entities in the respective amounts listed: AIM Advisors, Inc 7,315,016 AIM Capital Management, Inc. 590,043 AIM Private Asset Management, Inc. 269 Atlantic Trust Company, N.A. 1,164,964 INVESCO Asset Management GmbH 4,254 INVESCO Institutional (N.A.), Inc. 0 INVESCO Taiwan Limited 40,000 Stein Roe Investment Counsel, Inc. 1,284,975
	6. Shared Voting Power _____
	7. Sole Dispositive Power 10,399,521. Such shares are held by the following entities in the respective amounts listed: AIM Advisors, Inc 7,315,016 AIM Capital Management, Inc. 590,043 AIM Private Asset Management, Inc. 269 Atlantic Trust Company, N.A. 1,164,964 INVESCO Asset Management GmbH 4,254 INVESCO Institutional (N.A.), Inc. 0 INVESCO Taiwan Limited 40,000 Stein Roe Investment Counsel, Inc. 1,284,975
	8. Shared Dispositive Power _____

9. Aggregate Amount Beneficially Owned by Each Reporting Person	10,399,521
10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)	N/A
11. Percent of Class Represented by Amount in Row (9)	4.88%
12. Type of Reporting Person (See Instructions) IA, HC. See Items 2 and 3 of this statement.	

SCHEDULE 13G

Item 1(a) Name of Issuer:

Microchip Technology, Inc.

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

2355 West Chandler Boulevard
Chandler, AZ 85224-6199

Item 2(a) Name of Person Filing:

AMVESCAP PLC

In accordance with Securities and Exchange Commission Release No. 34-39538 (January 12, 1998), this statement on Schedule 13G or amendment thereto is being filed by AMVESCAP PLC ("AMVESCAP"), a U.K. entity, on behalf of itself and its subsidiaries listed in Item 4 of the cover of this statement. AMVESCAP through such subsidiaries provides investment management services to institutional and individual investors worldwide.

Executive officers and directors of AMVESCAP or its subsidiaries may beneficially own shares of the securities of the issuer to which this statement relates (the "Shares"), and such Shares are not reported in this statement. AMVESCAP and its subsidiaries disclaim beneficial ownership of Shares beneficially owned by any of their executive officers and directors. Each of AMVESCAP's direct and indirect subsidiaries also disclaim beneficial ownership of Shares beneficially owned by AMVESCAP and any other subsidiary.

Item 2(b) Address of Principal Business Office:

11 Devonshire Square
London EC2M 4YR
England

Item 2(c) Citizenship:

See the response to Item 2(a) of this statement.

Item 2(d) Title of Class of Securities:

Common Stock, $.001 par value per share

Item 2(e) CUSIP Number:

S595017104

Item 3 Type of Reporting Person:

An investment adviser in accordance with section 240.13d-1(b)(1)(ii)(E) A parent holding company or control person in accordance with section 240.13d-1(b)(1)(ii)(G)

As noted in Item 2 above, AMVESCAP is making this filing on behalf of its subsidiaries listed herein. Each of these entities is either an investment adviser registered with the United States Securities Exchange Commission under Section 203 of the Investment Advisers Act of 1940, as amended, or under similar laws of other jurisdictions. AMVESCAP is a holding company.

Item 4 Ownership:

Please see responses to Items 5-8 on the cover of this statement which are incorporated herein by reference.

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

[X]

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 Security Being Reporting on By the Parent Holding Company:

Please see Item 3 of this statement, which is incorporated herein by reference.

Item 8 Identification and Classification of Members of the Group:

N/A

Item 9 Notice of Dissolution of a Group:

N/A

Item 10 Certification:

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.

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.

May 10, 2006
Date

/s/ Lisa Brinkley

Signature
Lisa Brinkley
Chief Compliance Officer
AMVESCAP PLC