

SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549SCHEDULE 13G. INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT  
TO 13D-1(B) AND AMENDMENTS THERETO FILED PURSUANT TO 13D-2(B)

## SCHEDULE 13G

Under the Securities Exchange Act of 1934  
(Amendment No. 1)\*-----  
Microchip Technology, 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.  
(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 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  
Notes).

CUSIP No. 595017104

13G

- (1) Names of Reporting Persons.  
S.S. or I.R.S. Identification Nos. of Above Persons
- AMVESCAP PLC  
No. S.S. or I.R.S. Identification Number
- (2) Check the Appropriate Box if a Member of a Group (See Instructions)
- |     |     |
|-----|-----|
| (a) | / / |
| (b) | /X/ |
- (3) SEC Use Only
- (4) Citizenship or Place of Organization
- England
- |                  |     |                          |
|------------------|-----|--------------------------|
| Number of Shares | (5) | Sole Voting Power        |
| Beneficially     |     | None                     |
| Owned by         | (6) | Shared Voting Power      |
| Each Reporting   |     | 6,675,825                |
| Person With      | (7) | Sole Dispositive Power   |
|                  |     | None                     |
|                  | (8) | Shared Dispositive Power |
|                  |     | 6,675,825                |
- (9) Aggregate Amount Beneficially Owned by Each Reporting Person  
6,675,825
- (10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares  
(See Instructions) / /

(11) Percent of Class Represented by Amount in Row (9)  
7.23%

(12) Type of Reporting Person (See Instructions)  
H.C.

CUSIP No. 595017104

13G

(1) Names of Reporting Persons.  
S.S. or I.R.S. Identification Nos. of Above Persons

AVZ, Inc.  
No. S.S. or I.R.S. Identification Number

(2) Check the Appropriate Box if a Member of a Group (See Instructions)  
(a) / /  
(b) /X/

(3) SEC Use Only

(4) Citizenship or Place of Organization  
England

Number of Shares	(5)	Sole Voting Power
Beneficially		None
Owned by	(6)	Shared Voting Power
Each Reporting		6,675,825
Person With	(7)	Sole Dispositive Power
		None
	(8)	Shared Dispositive Power
		6,675,825

(9) Aggregate Amount Beneficially Owned by Each Reporting Person  
6,675,825

(10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares  
(See Instructions) / /

(11) Percent of Class Represented by Amount in Row (9)  
7.23%

(12) Type of Reporting Person (See Instructions)  
H.C.

CUSIP No. 595017104

13G

(1) Names of Reporting Persons.  
S.S. or I.R.S. Identification Nos. of Above Persons

A I M Management Group Inc.  
No. S.S. or I.R.S. Identification Number

(2) Check the Appropriate Box if a Member of a Group (See Instructions)  
(a) / /  
(b) /X/

(3) SEC Use Only

(4) Citizenship or Place of Organization  
England

Number of Shares	(5)	Sole Voting Power
Beneficially		None
Owned by	(6)	Shared Voting Power
Each Reporting		6,675,825
Person With	(7)	Sole Dispositive Power
		None
	(8)	Shared Dispositive Power
		6,675,825

(9) Aggregate Amount Beneficially Owned by Each Reporting Person  
6,675,825

(10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares  
(See Instructions) / /

(11) Percent of Class Represented by Amount in Row (9)  
7.23%

(12) Type of Reporting Person (See Instructions)

H.C

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CUSIP No. 595017104

13G

(1) Names of Reporting Persons.  
S.S. or I.R.S. Identification Nos. of Above Persons

AMVESCAP Group Services, Inc.  
No. S.S. or I.R.S. Identification Number

(2) Check the Appropriate Box if a Member of a Group (See Instructions)  
(a) / /  
(b) /X/

(3) SEC Use Only

(4) Citizenship or Place of Organization

England

Number of Shares	(5)	Sole Voting Power
Beneficially		None
Owned by	(6)	Shared Voting Power
Each Reporting		6,675,825
Person With	(7)	Sole Dispositive Power
		None
	(8)	Shared Dispositive Power
		6,675,825

(9) Aggregate Amount Beneficially Owned by Each Reporting Person  
6,675,825

(10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares  
(See Instructions) / /

(11) Percent of Class Represented by Amount in Row (9)  
7.23%

(12) Type of Reporting Person (See Instructions)

H.C.

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CUSIP No. 595017104

13G

(1) Names of Reporting Persons.  
S.S. or I.R.S. Identification Nos. of Above Persons

INVESCO, Inc.  
No. S.S. or I.R.S. Identification Number

(2) Check the Appropriate Box if a Member of a Group (See Instructions)  
(a) / /  
(b) /X/

(3) SEC Use Only

(4) Citizenship or Place of Organization

England

Number of Shares	(5)	Sole Voting Power
Beneficially		None
Owned by	(6)	Shared Voting Power
Each Reporting		6,675,825
Person With	(7)	Sole Dispositive Power
		None
	(8)	Shared Dispositive Power
		6,675,825

(9) Aggregate Amount Beneficially Owned by Each Reporting Person  
6,675,825

- (10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares  
(See Instructions) / /
- (11) Percent of Class Represented by Amount in Row (9)  
7.23%
- (12) Type of Reporting Person (See Instructions)  
H.C.

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CUSIP No. 595017104

13G

- (1) Names of Reporting Persons.  
S.S. or I.R.S. Identification Nos. of Above Persons  
  
INVESCO North American Holdings, Inc.  
No. S.S. or I.R.S. Identification Number
- (2) Check the Appropriate Box if a Member of a Group (See Instructions)  
(a) / /  
(b) /X/
- (3) SEC Use Only
- (4) Citizenship or Place of Organization  
  
England
- |                  |     |                          |
|------------------|-----|--------------------------|
| Number of Shares | (5) | Sole Voting Power        |
| Beneficially     |     | None                     |
| Owned by         | (6) | Shared Voting Power      |
| Each Reporting   |     | 6,675,825                |
| Person With      | (7) | Sole Dispositive Power   |
|                  |     | None                     |
|                  | (8) | Shared Dispositive Power |
|                  |     | 6,675,825                |
- (9) Aggregate Amount Beneficially Owned by Each Reporting Person  
6,675,825
- (10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares  
(See Instructions) / /
- (11) Percent of Class Represented by Amount in Row (9)  
7.23%
- (12) Type of Reporting Person (See Instructions)  
H.C.

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CUSIP No. 595017104

13G

- (1) Names of Reporting Persons.  
S.S. or I.R.S. Identification Nos. of Above Persons  
  
INVESCO Capital Management, Inc.  
No. S.S. or I.R.S. Identification Number
- (2) Check the Appropriate Box if a Member of a Group (See Instructions)  
(a) / /  
(b) /X/
- (3) SEC Use Only
- (4) Citizenship or Place of Organization  
  
England
- |                  |     |                          |
|------------------|-----|--------------------------|
| Number of Shares | (5) | Sole Voting Power        |
| Beneficially     |     | None                     |
| Owned by         | (6) | Shared Voting Power      |
| Each Reporting   |     | 6,675,825                |
| Person With      | (7) | Sole Dispositive Power   |
|                  |     | None                     |
|                  | (8) | Shared Dispositive Power |
|                  |     | 6,675,825                |
- (9) Aggregate Amount Beneficially Owned by Each Reporting Person  
6,675,825

- (10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares  
(See Instructions) / /
- (11) Percent of Class Represented by Amount in Row (9)  
7.23%
- (12) Type of Reporting Person (See Instructions)  
H.C.

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CUSIP No. 595017104

13G

- (1) Names of Reporting Persons.  
S.S. or I.R.S. Identification Nos. of Above Persons  
  
INVESCO Funds Group, Inc.  
No. S.S. or I.R.S. Identification Number
- (2) Check the Appropriate Box if a Member of a Group (See Instructions)  
(a) / /  
(b) /X/
- (3) SEC Use Only
- (4) Citizenship or Place of Organization  
  
England  
  
Number of Shares (5) Sole Voting Power  
Beneficially None  
Owned by (6) Shared Voting Power  
Each Reporting 6,675,825  
Person With (7) Sole Dispositive Power  
None  
(8) Shared Dispositive Power  
6,675,825
- (9) Aggregate Amount Beneficially Owned by Each Reporting Person  
6,675,825
- (10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares  
(See Instructions) / /
- (11) Percent of Class Represented by Amount in Row (9)  
7.23%
- (12) Type of Reporting Person (See Instructions)  
H.C.

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CUSIP No. 595017104

13G

- (1) Names of Reporting Persons.  
S.S. or I.R.S. Identification Nos. of Above Persons  
  
INVESCO Management & Research, Inc.  
No. S.S. or I.R.S. Identification Number
- (2) Check the Appropriate Box if a Member of a Group (See Instructions)  
(a) / /  
(b) /X/
- (3) SEC Use Only
- (4) Citizenship or Place of Organization  
  
England  
  
Number of Shares (5) Sole Voting Power  
Beneficially None  
Owned by (6) Shared Voting Power  
Each Reporting 6,675,825  
Person With (7) Sole Dispositive Power  
None  
(8) Shared Dispositive Power  
6,675,825

- (9) Aggregate Amount Beneficially Owned by Each Reporting Person  
6,675,825
- (10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares  
(See Instructions) / /
- (11) Percent of Class Represented by Amount in Row (9)  
7.23%
- (12) Type of Reporting Person (See Instructions)  
H.C.

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CUSIP No. 595017104

13G

- (1) Names of Reporting Persons.  
S.S. or I.R.S. Identification Nos. of Above Persons  
  
INVESCO Realty Advisers, Inc.  
No. S.S. or I.R.S. Identification Number
- (2) Check the Appropriate Box if a Member of a Group (See Instructions)  
(a) / /  
(b) /X/
- (3) SEC Use Only
- (4) Citizenship or Place of Organization  
England
- |                  |     |                          |
|------------------|-----|--------------------------|
| Number of Shares | (5) | Sole Voting Power        |
| Beneficially     |     | None                     |
| Owned by         | (6) | Shared Voting Power      |
| Each Reporting   |     | 6,675,825                |
| Person With      | (7) | Sole Dispositive Power   |
|                  |     | None                     |
|                  | (8) | Shared Dispositive Power |
|                  |     | 6,675,825                |
- (9) Aggregate Amount Beneficially Owned by Each Reporting Person  
6,675,825
- (10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares  
(See Instructions) / /
- (11) Percent of Class Represented by Amount in Row (9)  
7.23%
- (12) Type of Reporting Person (See Instructions)  
H.C.

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CUSIP No. 595017104

13G

- (1) Names of Reporting Persons.  
S.S. or I.R.S. Identification Nos. of Above Persons  
  
INVESCO (NY) Asset Management, Inc.  
No. S.S. or I.R.S. Identification Number
- (2) Check the Appropriate Box if a Member of a Group (See Instructions)  
(a) / /  
(b) /X/
- (3) SEC Use Only
- (4) Citizenship or Place of Organization  
England
- |                  |     |                          |
|------------------|-----|--------------------------|
| Number of Shares | (5) | Sole Voting Power        |
| Beneficially     |     | None                     |
| Owned by         | (6) | Shared Voting Power      |
| Each Reporting   |     | 6,675,825                |
| Person With      | (7) | Sole Dispositive Power   |
|                  |     | None                     |
|                  | (8) | Shared Dispositive Power |
|                  |     | 6,675,825                |

- (9) Aggregate Amount Beneficially Owned by Each Reporting Person  
6,675,825
- (10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares  
(See Instructions) / /
- (11) Percent of Class Represented by Amount in Row (9)  
7.23%
- (12) Type of Reporting Person (See Instructions)  
H.C.

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ITEM 1 (a) NAME OF ISSUER:  
Microchip Technology, Inc.

ITEM 1 (b) ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:  
2355 West Chandler Blvd.  
Chandler, AZ 85224-6199

ITEM 2 (a) NAME OF PERSON(S) FILING:  
AMVESCAP PLC

ITEM 2 (b) ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE:  
  
11 Devonshire Square                      1315 Peachtree Street, N.E.  
London EC2M 4YR                              Atlanta, Georgia 30309  
England

ITEM 2 (c) CITIZENSHIP:  
Organized under the laws of England

ITEM 2 (d) TITLE OF CLASS OF SECURITIES  
Common Stock

ITEM 2 (e) CUSIP NUMBER: 595017104

Item 3 IF THIS STATEMENT IS FILED PURSUANT TO RULES 13D-1(B) OR 13D-2(B),  
CHECK WHETHER THE PERSON FILING IS A:

- (a) / / Broker or Dealer registered under Section 15 of the Act.  
 (b) / / Bank as defined in Section 3(a)(6) of the Act.  
 (c) / / Insurance Company as defined in Section 3(a)(19) of the Act.  
 (d) / / Investment Company registered under Section 8 of the Investment  
Company Act.  
 (e) / / Investment Adviser registered under Section 203 of the Investment  
Advisers Act of 1940.  
 (f) / / Employee Benefit Plan, Pension Fund which is subject to provisions of  
Employee Retirement Income Security Act of 1974 or Endowment Fund;  
see Rule 13d-1(b)(1)(ii)(F).  
 (g) /X/ Parent Holding Company in accordance with Rule 13d-1(b)(ii)(G).  
 (h) / / Group, in accordance with Rule 13d-1(b)(1)(ii)(H).

ITEM 4 (a) - (c) OWNERSHIP: Page 14 of 24  
The information in items 1 and 5-11 on the cover pages (pp 2-6)  
of this statement on Schedule 13G is hereby incorporated by reference.

The reporting persons expressly declare that the filing of this  
statement on Schedule 13G shall not be construed as an admission that they are,  
for the purposes of Section 13(d) or 13(g) of the Securities and Exchange Act  
of 1934, the beneficial owners of any securities covered by this statement.

ITEM 5 OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS / /  
Not Applicable

ITEM 6 OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON  
The reporting persons hold the securities covered by this report on behalf of  
other persons who have the right to receive or the power to direct the receipt  
of dividends from, or the proceeds from the sale of such securities. The  
interest of any such persons does not exceed 5% of the class of securities.

ITEM 7 IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARIES WHICH  
ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY:

- X AVZ, Inc. - holding company in accordance with  
---- Rule 13d-1(b)(ii)(G)  
X AIM Management Group Inc. - holding company in accordance with Rule  
- ---- 13d-1(b)(ii)(G)  
X AMVESCAP Group Services, Inc. - holding company in accordance with Rule  
- ---- 13d 1(b)(ii)(G)

X INVESCO, Inc. - holding company in accordance with Rule  
- ---- 13d-1(b)(ii)(G)  
X INVESCO North American Holdings, Inc. - holding company also  
- ---- in accordance with Rule 13d-1(b)(ii)(G)  
- ---- INVESCO Capital Management, Inc. - investment adviser registered under  
- ---- Section 203 of the Investment Advisers Act of 1940.  
- ---- INVESCO Funds Group, Inc. - investment adviser registered under  
- ---- Section 203 of the Investment Advisers Act of 1940.  
- ---- INVESCO Management & Research, Inc. - investment adviser  
- ---- registered under Section 203 of the Investment Advisers Act of 1940.  
- ---- INVESCO Realty Advisors, Inc. - investment adviser  
- ---- registered under Section 203 of the Investment Advisers Act of 1940  
- ---- INVESCO (NY) Asset Management, Inc. - holding company in accordance  
- ---- with Rule 13d-1(b)(ii)(G)  
- ---- INVESCO MIM Management Limited - investment adviser organized  
- ---- in England.  
- ---- INVESCO Asset Management Limited - investment adviser organized in  
- ---- England.

Subsidiaries not indicated with (X) have acquired no shares of security being reported on.

ITEM 8 IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF A GROUP.

Not applicable.

ITEM 9 NOTICE OF DISSOLUTION OF GROUP.

Not applicable.

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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.

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.

February 8, 1999

-----  
(Date)

/s/ Michael Perman

-----  
Michael Perman,  
as Company Secretary for  
AMVESCAP PLC

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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.

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.

February 8, 1999

-----  
(Date)

/s/ David A. Hartley

-----  
David A. Hartley, as Company Secretary for each  
AVZ, Inc. and  
AMVESCAP Group Services, Inc.

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.

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.

February 8, 1999

-----  
(Date)

/s/ Carol F. Relihan

-----  
Carol F. Relihan  
Vice President, Secretary and General Counsel  
A I M Management Group Inc.

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.

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.

February 8, 1999

-----  
(Date)

/s/ Deborah A. Lamb

-----  
Deborah A. Lamb, Director of Compliance  
INVESCO, Inc.

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.

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.

February 8, 1999

-----  
(Date)

/s/ Frank J. Keeler

-----  
Frank J. Keeler, Secretary  
INVESCO North American Holdings, Inc.

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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.

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.

February 8, 1999

-----  
(Date)

/s/ Deborah A. Lamb

-----  
Deborah A. Lamb, Director of Compliance  
INVESCO Capital Management, Inc.

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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.

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.

February 8, 1999

-----  
(Date)

/s/ Glen Payne

-----  
Glen Payne, Sr. Vice President and General Counsel  
INVESCO Funds Group, Inc.

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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.

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.

February 8, 1999

-----  
(Date)

/s/ Deborah A. Lamb  
-----

Deborah A. Lamb, Assistant Secretary  
INVESCO Management & Research, Inc.

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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.

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.

February 8, 1999  
-----

(Date)

/s/ Deborah A. Lamb  
-----

Deborah A. Lamb, Assistant Secretary  
INVESCO Realty Advisers, Inc.

Page 24 of 24

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.

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.

February 8, 1999  
-----

(Date)

/s/ Roberta Moore  
-----

Roberta Moore  
INVESCO (NY) Asset Management, Inc.