

MICROCHIP TECHNOLOGY INC
 Form 4
 May 06, 2005

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 LITTLE MITCHELL R

(Last) (First) (Middle)

C/O MICROCHIP TECHNOLOGY INCORPORATED, 2355 WEST CHANDLER BOULEVARD

(Street)

CHANDLER, AZ 85224-6199

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 MICROCHIP TECHNOLOGY INC [MCHP]

3. Date of Earliest Transaction (Month/Day/Year)
 05/05/2005

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)
 VP, WW Sales and Appns.

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				Code	V Amount or Price			
Common Stock	05/05/2005		M		A \$ 23.389	50,414	D	
Common Stock	05/05/2005		M		A \$ 15.917	53,539	D	
Common Stock	05/05/2005		M		A \$ 24.267	57,263	D	
Common Stock	05/05/2005		M		A \$ 24.04	76,763	D	
	05/05/2005		S		D	3,539	D	

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Common Stock \$ 28.329

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares
Common Stock Option (Right to Buy)	\$ 23.389	05/05/2005		M	46,875	07/01/2004 04/14/2010	Common Stock 46,875
Common Stock Option (Right to Buy)	\$ 15.917	05/05/2005		M	3,125	03/31/2005 04/02/2011	Common Stock 3,125
Common Stock Option (Right to Buy)	\$ 24.267	05/05/2005		M	3,724	02/17/2003 01/22/2012	Common Stock 3,724
Common Stock Option (Right to Buy)	\$ 24.04	05/05/2005		M	19,500	10/25/2003 10/25/2012	Common Stock 19,500

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

LITTLE MITCHELL R
C/O MICROCHIP TECHNOLOGY INCORPORATED
2355 WEST CHANDLER BOULEVARD
CHANDLER, AZ 85224-6199

VP, WW
Sales and
Appns.

Signatures

Deborah L. Wussler,
Attorney-in-Fact

05/06/2005

__Signature of Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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