DREHOBL STEPHEN V

Form 4

March 17, 2005

FORM 4

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

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OMB APPROVAL

Form 4 or Form 5 obligations may continue.

See Instruction

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

response...

Estimated average

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1(b).

(Print or Type Responses)

1. Name and A	2. Issuer Name and Ticker or Trading Symbol MICROCHIP TECHNOLOGY INC [MCHP]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
(Last) C/O MICRO INCORPOR CHANDLE	3. Date of Earliest Transaction (Month/Day/Year) 03/08/2004					Director 10% Owner Security, MCU & Tech Div.				
CHANDLE		4. If Amendment, Date Original Filed(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned									ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Da (Month/Day/Year	med on Date, if Day/Year)	3. Transaction Code (Instr. 8)	4. Securi on(A) or D (Instr. 3,	ispose 4 and (A) or	ed of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) Indirect (I) (Instr. 4) 7. Nature of Indirect Indirect Ownership (Instr. 4)		
Common Stock	03/08/2004			Code V P	Amount 1 (1)	(D)	Price \$ 28.12	4,102	D	
Common Stock	06/06/2004			P	2 (1)	A	\$ 30.43	4,107	D	
Common Stock	09/02/2004			P	2 (1)	A	\$ 26.75	4,606	D	
Common Stock	12/12/2004			P	2 (1)	A	\$ 26.75	4,268	D	

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

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SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans

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

	1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	le and	8. Price of	9
	Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transact	ionNumber	Expiration Date		Amou	int of	Derivative	J
	Security	or Exercise		any	Code	of	of (Month/Day/Year) Derivative Securities		Underlying Securities (Instr. 3 and 4)		Security	,
	(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative					(Instr. 5)]
		Derivative				Securities						(
Security		Security				Acquired	Acquired					J
						(A) or						J
						Disposed						7
						of (D)						(
						(Instr. 3,						
						4, and 5)						
										Amount		
										or		
							Date	Expiration Date	Title Nun	Number		
							Exercisable			of		
					Code V	(A) (D)				Shares		
					Code V	(II)				Dilaics		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

DREHOBL STEPHEN V C/O MICROCHIP TECHNOLOGY INCORPORATED 2355 WEST CHANDLER BOULEVARD CHANDLER, AZ 85224-6199

VP, Security, MCU & Tech Div.

Signatures

Deborah L. Wussler, as Attorney-in-Fact 03/17/2005

**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).
- (1) Acquired under the Charles Schwab automatic dividend reinvestment plan.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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