FORM 5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Form 3 Holdings Reported.

Form 4 Transactions Reported.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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Name and Address of Reporting Person* SANGHI STEVE		son*	2. Issuer Name and Ticker or Trading Symbol MICROCHIP TECHNOLOGY INC [MCHP]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
			[X	Director	10% Owner			
(Last)	(First)	(Middle)	_	X	Officer (give title below)	Other (specify below)			
C/O MICROCHIP TECHNOLOGY INCORPORATED 2355 WEST CHANDLER BOULEVARD			3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 03/31/2007		President, CEO, Chairman				
(Street) CHANDLER	AZ	85224-6199	If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv	ridual or Joint/Group Filing Form filed by One Rep	` '' '			
(City)	(State)	(Zip)			. SSS by Word than	. 55			

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 Acquir (Instr. 3, 4 and 5)	ed (A) or D	Disposed Of (D)	5. Amount of Securities Beneficially Owned	6. Ownership Form: Direct (D) or Indirect	7. Nature of Indirect Beneficial
				Amount	(A) or (D)	Price	at end of Issuer's Fiscal Year (Instr. 3 and 4)	(l) (Instr. 4)	Ownership (Instr. 4)
Common Stock	12/01/2006		G	50	D	\$34.14	3,821,116 ⁽¹⁾	I	Held Directly and Indirectly, by Trust ⁽¹⁾
Common Stock	12/04/2006		G	116	D	\$34.39	3,821,000(2)	I	Held Directly and Indirectly, by Trust ⁽²⁾
Common Stock	02/15/2007		G	13,900	D	\$36.19	3,807,100(3)	I	Held Directly and Indirectly, by Trust ⁽³⁾

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)	Derivative		Expiration Date		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	Securities Beneficially Owned Following	Ownership Form: Direct (D)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		Reported Transaction(s) (Instr. 4)		

Explanation of Responses:

- 1. Of the 3,821,116 shares held, 26,131 shares were held Directly; 3,794,985 shares were held by Trust.
- 2. Of the 3,821,000 shares held, 26,131 shares were held Directly; 3,794,869 shares were held by Trust.
- 3. Of the 3,807,100 shares held, 26,131 shares were held Directly; 3,780,969 shares were held by Trust.

Remarks:

<u>Deborah L. Wussler, as Attorney-in-Fact</u>

05/02/2007

** Signature of Reporting Person

Date

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

- * 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.