SANGHI STEVE Form 4

October 29, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

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OMB APPROVAL

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if no longer subject to Section 16. Form 4 or Form 5 obligations

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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 may continue.

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * SANGHI STEVE

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to

Issuer

Symbol

MICROCHIP TECHNOLOGY INC

(Check all applicable)

[MCHP]

(Last) (First) (Middle) 3. Date of Earliest Transaction

X Director 10% Owner X_ Officer (give title Other (specify

(Month/Day/Year) 10/26/2007

below) President, CEO, Chairman

C/O MICROCHIP TECHNOLOGY **INCORPORATED, 2355 WEST** CHANDLER BOULEVARD

(Street)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

CHANDLER, AZ 85224-6199

(City)	(State)	(Zip) Tak	ole I - Non-	Derivative S	Securi	ties Acquii	ed, Disposed of,	or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or Amount (D) Price			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	Securities Ownership Beneficially Form: Owned Direct (D) Following or Indirect Reported (I) Transaction(s) (Instr. 4)		
Common Stock	10/26/2007		M	34,010	A	\$ 8.555	4,031,485 (1)	I	Held Directly and Indirectly	
									by Truet	

by Trust (1)

Common 10/26/2007 M 119,971 A \$ 4,151,456 (2) I Stock 10.037

Directly and

Held

Indirectly

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							by Trust
Common Stock	10/26/2007	M	150,000	A	\$ 10.037	4,301,456 (3) I	Held Directly and Indirectly by Trust

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

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SEC 1474

(9-02)

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)			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 Number Shares
Common Stock Option (Right to Buy)	\$ 8.555	10/26/2007		M		34,010	01/29/2000	01/29/2009	Common Stock	34,010
Common Stock Option (Right to Buy)	\$ 10.037	10/26/2007		M		119,971	04/14/2000	04/14/2009	Common Stock	119,97
Common Stock Option (Right to Buy)	\$ 10.037	10/26/2007		M		150,000	07/01/2003	04/14/2009	Common Stock	150,00

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other

Reporting Owners 2

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SANGHI STEVE C/O MICROCHIP TECHNOLOGY INCORPORATED 2355 WEST CHANDLER BOULEVARD CHANDLER, AZ 85224-6199

X

President, CEO, Chairman

Signatures

Deborah L. Wussler, Attorney-in-Fact

10/29/2007

**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) Of the 4,031,485 shares held, 26,131 shares were held Directly; 4,005,354 shares were held by Trust.
- (2) Of the 4,151,456 shares held, 26,131 shares were held Directly; 4,125,325 shares were held by Trust.
- (3) Of the 4,301,456 shares held, 26,131 shares were held Directly; 4,275,325 shares were held by Trust.

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.

Signatures 3