

MICROCHIP TECHNOLOGY INC
 Form 4
 August 13, 2007

FORM 4

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

OMB APPROVAL

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

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 *
 SANGHI STEVE

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

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 C/O MICROCHIP TECHNOLOGY
 INCORPORATED, 2355 WEST
 CHANDLER BOULEVARD

3. Date of Earliest Transaction
 (Month/Day/Year)
 08/09/2007

Director 10% Owner
 Officer (give title below) Other (specify below)
 President, CEO, Chairman

(Street)
 CHANDLER, AZ 85224-6199

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 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

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)
Common Stock	08/09/2007		M	23,925 A \$ 5.778	4,021,400 ⁽¹⁾	I	Held Directly and Indirectly by Trust ⁽¹⁾
Common Stock	08/09/2007		M	15,703 A \$ 8.555	4,037,103 ⁽²⁾	I	Held Directly and Indirectly

Common Stock	08/09/2007		S	39,628	D	\$ 41.0283	3,997,475 ⁽³⁾	I	by Trust ⁽²⁾ Held Directly and Indirectly by Trust ⁽³⁾
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(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)	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)	\$ 5.778	08/09/2007		M	23,925	10/09/1999 10/09/2008	Common Stock 23,925
Common Stock Option (Right to Buy)	\$ 8.555	08/09/2007		M	15,703	01/29/2000 01/29/2009	Common Stock 15,703

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SANGHI STEVE C/O MICROCHIP TECHNOLOGY INCORPORATED 2355 WEST CHANDLER BOULEVARD	X		President, CEO, Chairman	

CHANDLER, AZ 85224-6199

Signatures

Deborah L. Wussler,
Attorney-in-Fact

08/13/2007

__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 4,021,400 shares held, 50,056 shares were held Directly; 3,971,344 shares were held by Trust.
- (2) Of the 4,037,103 shares held, 65,759 shares were held Directly; 3,971,344 shares were held by Trust.
- (3) Of the 3,997,475 shares held, 26,131 shares were held Directly; 3,971,344 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.

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