

MICROCHIP TECHNOLOGY INC  
 Form 4  
 August 13, 2007

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

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)		
			Code	V	Amount	(A) or (D)	Price		
Common Stock	08/09/2007		M		23,925	A	\$ 5.778	4,021,400 <sup>(1)</sup> I	Held Directly and Indirectly by Trust <sup>(1)</sup>
Common Stock	08/09/2007		M		15,703	A	\$ 8.555	4,037,103 <sup>(2)</sup> I	Held Directly and Indirectly

Common Stock	08/09/2007		S	39,628	D	\$ 41.0283	3,997,475 <sup>(3)</sup>	I	by Trust <sup>(2)</sup> Held Directly and Indirectly by Trust <sup>(3)</sup>
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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)

**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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