

SANGHI STEVE  
Form 4  
February 15, 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)

3. Date of Earliest Transaction  
(Month/Day/Year)  
02/14/2007

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

C/O MICROCHIP TECHNOLOGY INCORPORATED, 2355 WEST CHANDLER BOULEVARD

(Street)

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

CHANDLER, AZ 85224-6199

(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 Indirect Beneficial Ownership (Instr. 4)		
			Code	V	Amount	(A) or (D)	Price		
Common Stock	02/14/2007		M		56,875	A	\$ 8.963	3,877,348 <sup>(1)</sup> I	Shares held Directly and Indirectly, by Trust <sup>(1)</sup>
Common Stock	02/14/2007		S		30,000	D	\$ 36.1155	3,847,348 <sup>(2)</sup> I	Shares held Directly and

Common Stock	02/14/2007	S	26,875	D	\$ 36.3031	3,820,473 <sup>(3)</sup>	I	Indirectly, 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)	\$ 8.963	02/14/2007		M	56,875	07/01/2001 04/17/2007	Common Stock 56,875

## Reporting Owners

**Reporting Owner Name / Address**

**Relationships**

Director 10% Owner Officer Other

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

X President, CEO, Chairman

## Signatures

Deborah L. Wussler, as  
Attorney-in-Fact

02/14/2007

                    \*\*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 3,877,348 shares held, 82,313 shares were held Directly; 3,795,035 shares were held by Trust.

(2) Of the 3,847,348 shares held, 52,313 shares were held Directly; 3,795,035 shares were held by Trust.

(3) Of the 3,820,473 shares held, 25,438 shares were held Directly; 3,795,035 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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