

SANGHI STEVE  
Form 4  
May 16, 2012

**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)

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

Director  10% Owner  
 Officer (give title below)  Other (specify below)

President, CEO, Chairman

C/O MICROCHIP TECHNOLOGY INCORPORATED, 2355 WEST CHANDLER BOULEVARD

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 Ownership (Instr. 4)  |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|
| Common Stock                    | 05/15/2012                           |  | M                              | 2,778 A   | \$ 31.34 4,972,829 <sup>(1)</sup>   | I  | Held by the Sanghi Family Trust and the Sanghi Family Limited Partnership. |
| Common Stock                    | 05/15/2012                           |  | M                              | 3,500 D   | \$ 31.34 4,976,329 <sup>(2)</sup>   | I  | Held by the Sanghi   |

Family Trust  
and the  
Sanghi  
Family  
Limited  
Partnership.  
(2)

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

**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 control number.**

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          |       | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. Pr Deri Secu (Inst |              |                            |
|--|--|--------------------------------------|--|--------------------------------|---|-------|--|---|-----------------------|--------------|----------------------------|
|  |  |                                      |  |                                | (A) or Disposed of (D) (Instr. 3, 4, and 5) | (D)   |  |   |                       |              |                            |
|  |  |                                      |  | Code                           | V   | (A)   | (D)  | Date Exercisable  | Expiration Date       | Title        | Amount or Number of Shares |
| Restricted Stock Units                     | \$ 31.34   | 05/15/2012                           |  | M                              |   | 2,778 |  | (3)   | (3)                   | Common Stock | 22,226                     |
| Restricted Stock Units                     | \$ 31.34   | 05/15/2012                           |  | M                              |   | 3,500 |  | (4)   | (4)                   | Common Stock | 14,000                     |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |                          |       |
|--|---------------|-----------|--------------------------|-------|
|  | Director      | 10% Owner | Officer                  | Other |
| SANGHI STEVE<br>C/O MICROCHIP TECHNOLOGY INCORPORATED<br>2355 WEST CHANDLER BOULEVARD<br>CHANDLER, AZ 85224-6199 | X             |           | President, CEO, Chairman |       |

## Signatures

Deborah L. Wussler, as  
Attorney-in-Fact

05/16/2012

\_\_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 4,972,829 shares held, 1,935,893 shares were held by The Sanghi Family Trust; and 3,036,936 shares were held by the Sanghi Family Limited Partnership.
- (2) Of the 4,976,329 shares held, 1,939,393 shares were held by The Sanghi Family Trust; and 3,036,936 shares were held by the Sanghi Family Limited Partnership.
- (3) The restricted stock units will vest in eight equal quarterly installments beginning February 15, 2011 as long as the individual remains a service provider through the vesting date. Vested shares will be delivered to the reporting person upon vest.
- (4) The restricted stock units will vest in four equal quarterly installments beginning May 15, 2012 as long as the individual remains a service provider through the vesting date. Vested shares will be delivered to the reporting person upon vest.

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.