

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934  
or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>SIMONCIC RICHARD J</u>			2. Issuer Name and Ticker or Trading Symbol <u>MICROCHIP TECHNOLOGY INC [ MCHP ]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>VP, Analog and Intrfc Prod Div</u>		
(Last) (First) (Middle) <u>C/O MICROCHIP TECHNOLOGY INCORPORATED</u> <u>2355 WEST CHANDLER BOULEVARD</u>			3. Date of Earliest Transaction (Month/Day/Year) <u>03/01/2013</u>					
(Street) <u>CHANDLER</u> <u>AZ</u> <u>85224-6199</u>			4. If Amendment, Date of Original Filed (Month/Day/Year) <u>03/05/2013</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	03/01/2013		A		385 <sup>(1)</sup>	A	\$29.257	117,064 <sup>(2)</sup>	I	Shares held Directly and Indirectly, by Trust and by Reporting person's Wife and Mother-in-Law. <sup>(2)</sup>
Common Stock	03/05/2013		M		925 <sup>(3)</sup>	A	\$18.48	117,989 <sup>(4)</sup>	I	Shares held Directly and Indirectly, by Trust and by Reporting person's Wife and Mother-in-Law. <sup>(4)</sup>
Common Stock	03/05/2013		S <sup>(5)</sup>		925	D	\$36.47	117,064 <sup>(2)</sup>	I	Shares held Directly and Indirectly, by Trust and by Reporting person's Wife and Mother-in-Law. <sup>(2)</sup>

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 Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Common Stock Option (Right to Buy)	\$18.48	03/05/2013		M			925	04/09/2004	04/09/2013	Common Stock	925	\$0	0	D	

**Explanation of Responses:**

1. Shares were acquired under the Microchip Technology Incorporated 2001 Employee Stock Purchase Plan on March 1, 2013, in an exempt transaction pursuant to Rule 16(b)-3(d), paid for by contributions made during the six month period ended February 28, 2013.
2. Of the 117,064 shares held, 7,652 shares were held Directly; 109,187 shares were held by Trust; and 225 shares were held by Reporting Person's wife and mother-in-law.
3. This Amended Form 4 is filed to accurately report the stock option exercise associated with the 10b5-1 sale reported on the original Form 4. All subsequent reports filed after this date are deemed to include the modification herein.
4. Of the 117,989 shares held, 7,652 shares were held Directly; 110,112 shares were held by Trust; and 225 shares were held by Reporting Person's wife and mother-in-law.
5. The sale(s) reported in this Form 4 was/were effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person on December 2, 2010.

**Remarks:**

Deborah L. Wussler, as Attorney-  
in-Fact

03/06/2013

\*\* Signature of Reporting Person

Date

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

\* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

**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 Number.**