

**FORM 4****UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL

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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

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

1. Name and Address of Reporting Person* <u>SIMONCIC RICHARD J</u>  (Last) (First) (Middle) <u>C/O MICROCHIP TECHNOLOGY INCORPORATED</u> <u>2355 WEST CHANDLER BOULEVARD</u>  (Street) <u>CHANDLER</u> <u>AZ</u> <u>85224-6199</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>MICROCHIP TECHNOLOGY INC [ MCHP ]</u>  3. Date of Earliest Transaction (Month/Day/Year) <u>05/01/2008</u>  4. If Amendment, Date of Original Filed (Month/Day/Year)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner X Officer (give title below) Other (specify below) <u>VP, Analog and Intrfc Prod Div</u>  6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person
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**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	05/01/2008		M		1,375	A	\$38	78,370 <sup>(1)</sup>	I	Held Directly and Indirectly by Trust, and wife and mother-in-law <sup>(1)</sup>
Common Stock	05/01/2008		F		486	D	\$38	77,884 <sup>(2)</sup>	I	Held Directly and Indirectly by Trust and Reporting Person's wife and mother-in-law <sup>(2)</sup>
Common Stock	05/02/2008		S <sup>(3)</sup>		889	D	\$38.05	76,995 <sup>(4)</sup>	I	Held Directly and Indirectly by Trust and Reporting Person's wife and mother-in-law <sup>(4)</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	\$38	05/01/2008		M			1,375	(5)	(5)	Common Stock	11,000	\$0	9,625	D	

**Explanation of Responses:**

- Of the 78,370 shares held, 7,276 shares were held Directly; 70,869 shares were held by Trust; and 225 shares were held by Reporting Person's wife and mother-in-law.
- Of the 77,884 shares held, 6,790 shares were held Directly; 70,869 shares were held by Trust; and 225 shares were held by Reporting Person's wife and mother-in-law.
- 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 02/06/2008.
- Of the 76,995 shares held, 5,901 shares were held Directly; 70,869 shares were held by Trust; and 225 shares were held by Reporting Person's wife and mother-in-law.
- The restricted stock units vest in eight equal quarterly installments beginning May 1, 2008. Vested shares will be delivered to the reporting person upon vest.

**Remarks:**

Deborah L. Wussler

05/05/2008

\*\* 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.

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