SIMONCIC RICHARD J

Form 4

February 17, 2012

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

OMB 3235-0287 Number:

January 31, Expires: 2005

burden hours per

5. Relationship of Reporting Person(s) to

Estimated average response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations may continue.

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

2. Issuer Name and Ticker or Trading

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

See Instruction

SIMONCI	Symbol MICROCHIP TECHNOLOGY INC					Issuer C	Issuer (Check all applicable)					
(Last) (First) (Middle) C/O MICROCHIP TECHNOLOGY INCORPORATED, 2355 WEST CHANDLER BOULEVARD				[MCHP] 3. Date of Earliest Transaction (Month/Day/Year) 02/15/2012				Director 10% Owner Officer (give title Other (specify below) VP, Analog and Intrfc Prod Div				
(Street)				4. If Amendment, Date Original Filed(Month/Day/Year)					 6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting 			
CHANDL	ER, AZ 85224-61	199						Person				
(City)	(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. 4. Securities Acquired Transaction(A) or Disposed of Code (D) (Instr. 8) (Instr. 3, 4 and 5) (A) or Code V Amount (D) Price			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. 7. Nature of Indirect Ownership Beneficial Form: Ownership Direct (D) (Instr. 4) or Indirect (I) (Instr. 4)				
Common Stock	02/15/2012			M	476	A	\$ 36.7	82,612 <u>(1)</u>	I	Held Directly and Indirectly, by Trust and by Reporting Person's Wife and Mother-in-Law.		
Common Stock	02/15/2012			F	146	D	\$ 36.7	81,466 (2)	I	Held Directly and Indirectly,		

by Trust and by Reporting Person's Wife and Mother-in-Law.

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

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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. 5. Number Transaction Code Derivative (Instr. 8) Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,		Expiration Date		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price Derivat Securit (Instr. 5
				Code V	and 5) (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	\$ 36.7	02/15/2012		M	476	(3)	(3)	Common Stock	3,810	\$ 0

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other SIMONCIC RICHARD J

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

VP, Analog and Intrfc Prod Div

Signatures

Deborah L. Wussler, as Attorney-in-Fact 02/17/2012

**Signature of Reporting Person Date

Reporting Owners 2

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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 82,612 shares held, 7,652 shares were held Directly; 74,735 shares were held by Trust; and 225 shares were held by Reporting Person's wife and mother-in-law.
- (2) Of the 82,466 shares held, 7,652 shares were held Directly; 74,589 shares were held by Trust; and 225 shares were held by Reporting Person's wife and mother-in-law.
- 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.

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.