

SIMONCIC RICHARD J
 Form 4
 August 10, 2005

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 *
 SIMONCIC RICHARD J

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)
 08/09/2005

____ Director
 Officer (give title below)
 ____ 10% Owner
 ____ Other (specify below)
 VP, Analog and Intrfc Prod Div

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)
Common Stock	08/09/2005		M	30,453 A \$ 6.259	103,890 ⁽¹⁾ / ₍₂₎	I	Held Directly and Indirectly, by Trust and by wife and mother-in-law ⁽¹⁾ ₍₂₎
Common Stock	08/09/2005		M	3,391 A \$ 5.778	107,281 ⁽³⁾	I	Held Directly and Indirectly, by Trust and by wife and

Common Stock	08/09/2005	S	33,844	D	\$ 30.813	73,437 ⁽⁴⁾	I	mother-in-law. <u>(3)</u> Held Directly and Indirectly, by Trust and by wife and mother-in-law. <u>(4)</u>
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(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)	\$ 6.259	08/09/2005		M	30,453	07/01/2002 04/01/2008	Common Stock 30,453
Common Stock Option (Right to Buy)	\$ 5.778	08/09/2005		M	3,391	10/09/1999 10/09/2008	Common Stock 3,391

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

SIMONCIC RICHARD J
C/O MICROCHIP TECHNOLOGY
INCORPORATED

VP, Analog and Intrfc Prod
Div

2355 WEST CHANDLER BOULEVARD
CHANDLER, AZ 85224-6199

Signatures

Deborah L. Wussler, as
Attorney-in-Fact

08/10/2005

**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) On July 22, 2005, the Reporting Person transferred ownership of 552 shares from Direct holding to Indirect holding, by Trust.
- (2) Of the 103,890 shares held, 35,240 shares were held Directly; 68,425 shares were held by Trust, and 225 shares were held by Reporting Person's wife and mother-in-law.
- (3) Of the 107,281 shares held, 38,631 shares were held Directly; 68,425 shares were held by Trust, and 225 shares were held by Reporting Person's wife and mother-in-law.
- (4) Of the 73,437 shares held, 4,787 shares were held Directly; 68,425 shares were held by Trust, and 225 shares were held by Reporting Person's wife and mother-in-law.

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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