

Bjornholt James Eric
 Form 4/A
 August 22, 2012

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 *
 Bjornholt James Eric

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)
 C/O MICROCHIP TECHNOLOGY
 INCORPORATED, 2355 WEST
 CHANDLER BOULEVARD

3. Date of Earliest Transaction
 (Month/Day/Year)
 08/01/2012

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 VP and CFO

(Street)
 CHANDLER, AZ 85224-6199

4. If Amendment, Date Original Filed(Month/Day/Year)
 08/02/2012

6. Individual or Joint/Group Filing(Check Applicable Line)
 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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | | (A) or (D) Code V Amount Price | | | |
| Common Stock | 08/01/2012 | | M | 760 A \$ 33.59 | 11,825 ⁽¹⁾ | I | Shares held by Trust. |
| Common Stock | 08/02/2012 | | F | 233 D \$ 33.59 | 11,592 ⁽¹⁾ | I | Shares held by Trust. |

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

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SEC 1474 (9-02)

displays a currently valid OMB control number.

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) | 8. Price or Value of Derivative Security (Instr. 5) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|---|
| Restricted Stock Units | \$ 33.59 | 08/01/2012 | | M | 760 | (2) (2) | Common Stock | 760 |

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

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

VP and CFO

Signatures

Deborah L. Wussler, as
Attorney-in-Fact

08/22/2012

**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) This Amended Form 4 is filed to accurately report Reporting Person's holdings following the reported transaction. All subsequent reports filed after this date are deemed to include the modification herein.

(2) The restricted stock units will vest in full on the first business day of the month of the fourth anniversary of the date of grant. 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.

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