

FORM 3

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

OMB APPROVAL

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INITIAL STATEMENT OF 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

1. Name and Address of Reporting Person* J. Eric Bjornholt c/o Microchip Technology Incorporated 2355 West Chandler Boulevard Chandler AZ 85224-6199	2. Date of Event Requiring Statement (Month/Day/Year) 01/01/2009	3. Issuer Name and Ticker or Trading Symbol Microchip Technology Incorporated [MCHP]	
		4. Relationship of Reporting Person(s) to Issuer (check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) VP and CFO	5. If amendment, Date Original Filed (Month/Day/Year)
6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More Than One Reporting Person			

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	4,880	D	

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 5(b)(v).

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Form 3 (cont.)
Name and Address of Reporting Person
J. Eric Bjornholt
c/o Microchip Technology Incorporated
2355 West Chandler Boulevard
Chandler AZ 85224-6199

Issuer Name and Ticker or Trading Symbol
Microchip Technology Incorporated [MCHP]

Period Of Report
01/01/2009

**Table II - Derivative Securities Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (mm/dd/yy)		3. Title and Amount of Securities Underlying Derivative Securities (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Securities: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exer- cisable	Expiration Date	Title	Amount or Number of Shares			
Common Stock Option (Right to Buy)	03/31/2004 (1)	04/14/2010	Common Stock	2,375	\$23.389	D	
Common Stock Option (Right to Buy)	02/17/2003 (2)	01/22/2012	Common Stock	458	\$24.267	D	
Common Stock Option (Right to Buy)	10/25/2003 (3)	10/25/2012	Common Stock	356	\$24.04	D	
Common Stock Option (Right to Buy)	10/09/2004 (4)	10/09/2013	Common Stock	1,172	\$26.14	D	
Common Stock Option (Right to Buy)	02/02/2005 (5)	02/02/2014	Common Stock	326	\$28.31	D	
Common Stock Option (Right to Buy)	03/31/2008 (6)	04/01/2014	Common Stock	3,000	\$27.05	D	
Common Stock Option (Right to Buy)	03/31/2005 (7)	04/01/2014	Common Stock	1,500	\$27.05	D	
Common Stock Option (Right to Buy)	07/21/2005 (8)	07/21/2014	Common Stock	1,000	\$26.25	D	
Common Stock Option (Right to Buy)	07/03/2003 (9)	04/03/2012	Common stock	864	\$27.153	D	
Common Stock Option (Right to Buy)	02/17/2005 (10)	04/03/2012	Common Stock	1,782	\$27.153	D	
Common Stock Option (Right to Buy)	08/01/2003 (11)	08/01/2012	Common Stock	823	\$21.00	D	
Common Stock Option (Right to Buy)	03/31/2009 (12)	04/01/2015	Common Stock	3,300	\$25.29	D	

Explanation of Responses:

- (1) - The option vested in 12 equal monthly installments, commencing March 31, 2004. The option was first exercisable on March 31, 2004.
- (2) - The option vested in full on February 17, 2003 and was first exercisable on February 17, 2003.
- (3) - The option vested in 24 equal monthly installments, commencing October 25, 2003. The option was first exercisable on October 25, 2003.
- (4) - The option vested in full on October 9, 2004 and was first exercisable on October 9, 2004.
- (5) - The option vested in full on February 2, 2005 and was first exercisable on February 2, 2005.
- (6) - The option vests in 12 equal monthly installments, commencing March 31, 2008. The option was first exercisable on March 31, 2008.
- (7) - The option vested in 36 equal monthly installments, commencing March 31, 2005. The option was first exercisable on March 31, 2005.
- (8) - The option vested in 24 equal monthly installments, commencing July 21, 2005. The option was first exercisable on July 21, 2005.
- (9) - The option vested in full on July 3, 2003 and was first exercisable on July 3, 2003.

Form 3 (cont.)

Name and Address of Reporting Person
J. Eric Bjornholt
c/o Microchip Technology Incorporated
2355 West Chandler Boulevard
Chandler AZ 85224-6199

Issuer Name and Ticker or Trading Symbol
Microchip Technology Incorporated [MCHP]

Period Of Report
01/01/2009

Explanation of Responses (cont.)

(10) - The option vested in 12 equal monthly installments, commencing February 17, 2005. The option was first exercisable on February 17, 2005.

(11) - The option vested in full on August 1, 2003 and was first exercisable on August 1, 2003.

(12) - The option vests in 12 equal monthly installments, commencing March 31, 2009. The option is first exercisable on March 31, 2009.

By: Deborah L. Wussler, as Attorney-in-Fact
**Signature of Reporting Person

1/7/2009
Date

**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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