

Bjornholt James Eric
 Form 4
 November 03, 2009

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

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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)

3. Date of Earliest Transaction
 (Month/Day/Year)
 11/01/2009

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

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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	11/01/2009		M		165	A	\$ 24.09
Common Stock	11/01/2009		F		53	D	\$ 24.09
Common Stock	11/01/2009		M		31	A	\$ 24.09
Common Stock	11/01/2009		F		10	D	\$ 24.09
	11/01/2009		M		76	A	6,734

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Common Stock						\$ 24.09		
Common Stock	11/01/2009		F	25	D	\$ 24.09	6,709	D
Common Stock	11/01/2009		M	77	A	\$ 24.09	6,786	D
Common Stock	11/01/2009		D	25	D	\$ 24.09	6,761	D
Common Stock	11/02/2009		M	106	A	\$ 24.09	6,867	D
Common Stock	11/02/2009		F	34	D	\$ 24.09	6,833	D

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)	8. Price or Derivative Security (Instr. 5)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	\$ 24.09	11/01/2009		M	165	(1)	(1)	Common Stock	165	\$ 0
Restricted Stock Units	\$ 24.09	11/01/2009		M	31	(1)	(1)	Common Stock	31	\$ 0
Restricted Stock Units	\$ 24.09	11/01/2009		M	76	(2)	(2)	Common Stock	76	\$ 0
Restricted Stock	\$ 24.09	11/01/2009		M	77	(3)	(3)	Common Stock	77	\$ 0

