

MOORTHY GANESH  
Form 4  
August 03, 2010

**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 \*  
**MOORTHY GANESH**

2. Issuer Name and Ticker or Trading Symbol  
**MICROCHIP TECHNOLOGY INC [MCHP]**

5. Relationship of Reporting Person(s) to Issuer  
(Check all applicable)  
 Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Exec. VP & COO

(Last) (First) (Middle)  
**C/O MICROCHIP TECHNOLOGY INCORPORATED, 2355 WEST CHANDLER BOULEVARD**

3. Date of Earliest Transaction (Month/Day/Year)  
**08/01/2010**

(Street)  
**CHANDLER, AZ 85224-6199**

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

(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	08/01/2010		M		4,250	A	\$ 30.65	44,210 <sup>(1)</sup>	I	Shares held Directly and by Trust. <sup>(1)</sup>
Common Stock	08/01/2010		F		1,278	D	\$ 30.65	42,932 <sup>(2)</sup>	I	Shares held Directly and by Trust. <sup>(2)</sup>

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Common Stock	08/02/2010		M	1,500	A	\$ 30.65	44,432 <sup>(3)</sup>	I	Shares held Directly and by Trust. <sup>(3)</sup>
Common Stock	08/02/2010		F	451	D	\$ 30.65	43,981 <sup>(4)</sup>	I	Shares held Directly and by Trust. <sup>(4)</sup>

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 Value of Underlying Securities (Instr. 3 and 4)
Restricted Stock Units	\$ 30.65	08/01/2010		M	4,250	<u>(5)</u> / <u>(5)</u>	Common Stock	17,000
Restricted Stock Units	\$ 30.65	08/02/2010		M	1,500	<u>(6)</u> / <u>(6)</u>	Common Stock	12,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MOORTHY GANESH C/O MICROCHIP TECHNOLOGY INCORPORATED 2355 WEST CHANDLER BOULEVARD CHANDLER, AZ 85224-6199			Exec. VP & COO	

## Signatures

Deborah L. Wussler, as  
Attorney-in-Fact

08/03/2010

\_\_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) Of the 44,210 shares held, 12,186 shares were held Directly; 32,024 shares were held by Trust.
  - (2) Of the 42,932 shares held, 12,186 shares were held Directly; 30,746 shares were held by Trust.
  - (3) Of the 44,432 shares held, 12,186 shares were held Directly; 32,246 shares were held by Trust.
  - (4) Of the 43,981 shares held, 12,186 shares were held Directly; 31,795 shares were held by Trust.
  - (5) The restricted stock units vest in four equal quarterly installments beginning May 1, 2010. Vested shares will be delivered to the reporting person upon vest.  
  
The restricted stock units vest in eight equal quarterly installments beginning February 1, 2010, as long as the individual remains a service
  - (6) provider through the vesting date and the Company achieves performance targets for operating profit in the quarter ending June 30, 2009. 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.