

MOORTHY GANESH  
Form 4  
February 03, 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 \*  
**MOORTHY GANESH**  
  
(Last) (First) (Middle)  
  
**C/O MICROCHIP TECHNOLOGY INCORPORATED, 2355 WEST CHANDLER BOULEVARD**  
  
(Street)  
  
**CHANDLER, AZ 85224-6199**  
  
(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)  
**02/01/2012**

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

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**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	02/01/2012		M		11,932	A	\$ 37.56	81,769 <sup>(1)</sup>	I	Shares held Directly and Indirectly, by Trust. <sup>(1)</sup>
Common Stock	02/01/2012		F		3,682	D	\$ 37.56	78,087 <sup>(2)</sup>	I	Shares held Directly and Indirectly, by Trust. <sup>(2)</sup>

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Common Stock	02/01/2012	M	3,000	A	\$ 37.56	81,087 <sup>(3)</sup>	I	Shares held Directly and Indirectly, by Trust. <sup>(3)</sup>
Common Stock	02/01/2012	F	902	D	\$ 37.56	80,185 <sup>(4)</sup>	I	Shares held Directly and Indirectly, 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. Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units	\$ 37.56	02/01/2012		M	11,932	<sup>(5)</sup>	<sup>(5)</sup>	Common Stock	11,932
Restricted Stock Units	\$ 37.56	02/01/2012		M	3,000	<sup>(6)</sup>	<sup>(6)</sup>	Common Stock	3,000

## 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

02/03/2012

\_\_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) Of the 81,769 shares held, 12,186 shares were held Directly; 69,583 shares were held by Trust.
- (2) Of the 78,087 shares held, 12,186 shares were held Directly; 65,901 shares were held by Trust.
- (3) Of the 81,087 shares held, 12,186 shares were held Directly; 68,901 shares were held by Trust.
- (4) Of the 80,185 shares held, 12,186 shares were held Directly; 67,999 shares were held by Trust.
- (5) 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.
- (6) The restricted stock units will vest in full on February 1, 2012. 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.