

MOORTHY GANESH  
Form 4  
October 30, 2006

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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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)  
VP, MCU and Memory Div.

(Last) (First) (Middle)

C/O MICROCHIP TECHNOLOGY  
INCORPORATED, 2355 WEST  
CHANDLER BOULEVARD

3. Date of Earliest Transaction  
(Month/Day/Year)  
10/27/2006

(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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  |                                | (A) or (D)  | Price   |  |                                   |
| Common Stock                    | 10/27/2006                           |  | M                              | 5,350   | A \$ 18.48  | 19,588   | I Held Indirectly, by Trust       |
| Common Stock                    | 10/27/2006                           |  | M                              | 892   | A \$ 18.48  | 20,480   | I Held Indirectly, by Trust       |

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

**Persons who respond to the collection of information contained in this form are not required to respond unless the form**

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(9-02)

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**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 |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Common Stock Option (Right to Buy)         | \$ 18.48   | 10/27/2006                           |  | M                              | 5,350   | 04/09/2004 04/09/2013                                    | Common Stock  | 5,350                         |
| Common Stock Option (Right to Buy)         | \$ 18.48   | 10/27/2006                           |  | M                              | 892   | 04/09/2004 04/09/2013                                    | Common Stock  | 892                           |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships   |
|--|---|
| MOORTHY GANESH<br>C/O MICROCHIP TECHNOLOGY INCORPORATED<br>2355 WEST CHANDLER BOULEVARD<br>CHANDLER, AZ 85224-6199 | Director 10% Owner Officer<br>VP, MCU and Memory Div. |

## Signatures

Deborah L. Wussler, as Attorney-in-Fact  
10/30/2006  
Date

Signature of Reporting Person

## 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).
- 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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