

MOORTHY GANESH
Form 4/A
October 30, 2006

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)

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

3. Date of Earliest Transaction
(Month/Day/Year)
04/03/2006

____ Director
 Officer (give title below) _____ Other (specify below)
VP, MCU and Memory Div.

(Street)
CHANDLER, AZ 85224-6199

4. If Amendment, Date Original Filed(Month/Day/Year)
04/05/2006

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)
Common Stock				(A) or (D) Code V Amount (D) Price	14,238 ⁽¹⁾	I	Held Indirectly, by Trust ⁽⁵⁾

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

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SEC 1474 (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
Restricted Stock Units	(2)	04/03/2006		A	16,000	(3) (3)	Common Stock	16,000
Restricted Stock Units	(2)	04/03/2006		A	17,000	(4) (4)	Common Stock	17,000

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			VP, MCU and Memory Div.	

Signatures

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

**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) On March 29, 2006, the Reporting Person transferred ownership of 829 shares from Direct holding to Indirect holding, by Trust.
- (2) Each restricted stock unit represents a contingent right to receive one share of Microchip Technology Incorporated common stock.
- (3) The restricted stock units vest in eight equal quarterly installments beginning May 1, 2008. Vested shares will be delivered to the reporting person upon vest.
- (4) The restricted stock units vest in four equal quarterly installments beginning April 1, 2010. Vested shares will be delivered to the reporting person upon vest.
- (5) This Amended Form 4 is filed to accurately report that all shares are held Indirectly, by Trust. All subsequent reports filed after this date are deemed to include the modification herein.

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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