MOORTHY GANESH

Form 4

August 03, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

5. Relationship of Reporting Person(s) to

January 31, 2005

0.5

Estimated average burden hours per

OMB APPROVAL

response...

if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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

2. Issuer Name and Ticker or Trading

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

MOORTHY GANESH			Symbol MICROCHIP TECHNOLOGY INC					Issuer (Check all applicable)				
(Last) C/O MICRO INCORPOR CHANDLE	[MCHP] 3. Date of Earliest Transaction (Month/Day/Year) 08/01/2010					Director 10% Owner Specify Delow)						
				4. If Amendment, Date Original Filed(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ 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 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)		3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or Code V Amount (D) Price			d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)				
Common Stock	08/01/2010			M	4,250	A	\$ 30.65	44,210 (1)	I	Shares held Directly and by Trust. (1)		
Common Stock	08/01/2010			F	1,278	D	\$ 30.65	42,932 (2)	I	Shares held Directly and by Trust. (2)		

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

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. 5. Number Transaction Derivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exer Expiration D (Month/Day)	ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Pr Deri Secu (Inst
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	\$ 30.65	08/01/2010		M	4,250	<u>(5)</u>	<u>(5)</u>	Common Stock	17,000	9
Restricted Stock Units	\$ 30.65	08/02/2010		M	1,500	<u>(6)</u>	<u>(6)</u>	Common Stock	12,000	9

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

MOORTHY GANESH C/O MICROCHIP TECHNOLOGY INCORPORATED 2355 WEST CHANDLER BOULEVARD CHANDLER, AZ 85224-6199

Exec. VP & COO

Reporting Owners 2

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.

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