MOORTHY GANESH

Form 4

February 02, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

OMB APPROVAL

3235-0287

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subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

if no longer

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

30(h) of the Investment Company Act of 1940

1(b).

Stock

Common

Stock

01/31/2011

(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)	, , , , , , , , , , , , , , , , , , ,	3. Date of Earliest Transaction (Month/Day/Year)				Director _X_ Officer (giv	e titleOt	% Owner her (specify		
INCORPO	OCHIP TECHNO RATED, 2355 W ER BOULEVARI	OLOGY ()1/31/2	• /				below)	below) ec. VP & COC)	
				Amendment, Date Original d(Month/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
CHANDLE	ER, AZ 85224-619	99						Form filed by Person	More than One F	Reporting	
(City)	(State)	(Zip)	Tabl	le I - Non-l	Derivativ	e Secu	rities Acq	uired, Disposed o	f, or Beneficia	ally Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution D any (Month/Day	Date, if	3. Transactic Code (Instr. 8)	(Instr. 3,	ispose	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)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common	01/31/2011			M	4,700	A	\$ 23.7	52,833 (1)	I	Shares held Directly and	

S

4,700

D

\$ 37

48,133 (2)

I

Indirectly, by Trust. (1) Shares held Directly

Indirectly, by Trust. (2)

and

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Common Stock	02/01/2011	M	8,300	A	\$ 23.7	56,433 (3)	I	Shares held Directly and Indirectly, by Trust. (3)
Common Stock	02/01/2011	S	8,300	D	\$ 37.019	48,133 <u>(2)</u>	I	Shares held Directly and Indirectly, by Trust. (2)
Common Stock	02/01/2011	M	4,250	A	\$ 37.19	52,383 (4)	I	Shares held Directly and Indirectly, by Trust. (4)
Common Stock	02/01/2011	F	1,278	D	\$ 37.19	51,105 (5)	I	Shares held Directly and Indirectly, by Trust. (5)
Common Stock	02/01/2011	M	2,000	A	\$ 37.19	53,105 (6)	I	Shares held Directly and Indirectly, by Trust. (6)
Common Stock	02/01/2011	F	601	D	\$ 37.19	52,504 (7)	I	Shares held Directly and Indirectly, by Trust. (7)
Common Stock	02/01/2011	M	1,500	A	\$ 37.19	54,004 (8)	I	Shares held Directly and Indirectly, by Trust. (8)
Common Stock	02/01/2011	F	451	D	\$ 37.19	53,553 (9)	I	Shares held Directly and Indirectly, by Trust. (9)
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 (0.02)								

information contained in this form are not

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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. 5. Number Transaction Derivative Code Securities (Instr. 8) 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)		
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Common Stock Option (Right to Buy)	\$ 23.7	01/31/2011		M		4,700	12/03/2002	12/03/2011	Common Stock	72,000
Common Stock Option (Right to Buy)	\$ 23.7	02/01/2011		M		8,300	12/03/2002	12/03/2011	Common Stock	72,000
Restricted Stock Units	\$ 37.19	02/01/2011		M		4,250	(10)	(10)	Common Stock	17,000
Restricted Stock Units	\$ 37.19	02/01/2011		M		2,000	<u>(11)</u>	<u>(11)</u>	Common Stock	2,000
Restricted Stock Units	\$ 37.19	02/01/2011		M		1,500	(12)	(12)	Common Stock	12,000

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director 10% Owner Officer	Other				

Exec. VP & COO

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

Reporting Owners 3

Signatures

Deborah L. Wussler, as Attorney-in-Fact

02/02/2011

**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 52,833 shares held, 12,186 shares were held Directly; 40,647 shares were held by Trust.
- (2) Of the 48,133 shares held, 12,186 shares were held Directly; 35,947 shares were held by Trust.
- (3) Of the 56,433 shares held, 12,186 shares were held Directly; 44,247 shares were held by Trust.
- (4) Of the 52,383 shares held, 12,186 shares were held Directly; 40,197 shares were held by Trust.
- (5) Of the 51,105 shares held, 12,186 shares were held Directly; 38,919 shares were held by Trust.
- (6) Of the 53,105 shares held, 12,186 shares were held Directly; 40,919 shares were held by Trust.
- (7) Of the 52,504 shares held, 12,186 shares were held Directly; 40,318 shares were held by Trust.
- (8) Of the 54,004 shares held, 12,186 shares were held Directly; 41,818 shares were held by Trust.
- (9) Of the 53,553 shares held, 12,186 shares were held Directly; 41,367 shares were held by Trust.
- (10) 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.
- (11) The restricted stock units will vest in full on February 1, 2011 as long as the individual remains a service provider through the vesting date. Vested shares will be delivered to the reporting person upon vest.
- (12) The restricted stock units vest in eight equal quarterly installments beginning February 1, 2010, as long as the individual remains a service provider through the vesting date. 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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