#### **MOORTHY GANESH**

Form 4

February 04, 2009

# FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** 

**OMB APPROVAL** 

Number:

3235-0287

Expires:

5. Relationship of Reporting Person(s) to

January 31, 2005

0.5

Estimated average burden hours per

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

30(h) of the Investment Company Act of 1940

2. Issuer Name and Ticker or Trading

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person \*

			Symbol MICROCHIP TECHNOLOGY INC [MCHP]					Issuer (Check all applicable)			
(Last)	(First) (OCHIP TECHNO	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 02/01/2009			Director 10% Owner Selfow) Other (give title Other (specify below)					
INCORPOR	RATED, 2355 W R BOULEVARI	EST	02/01/2	009				Execut	ive Vice Presid	ent	
	(Street)		4. If Amendment, Date Original  Filed(Month/Day/Year)  6. Individual or Joint/Group  Applicable Line)  _X_ Form filed by One Reporting					_			
CHANDLE	R, AZ 85224-61	99						Form filed by Person	More than One R	eporting	
(City)	(State)	(Zip)	Tabl	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed o	f, or Beneficia	lly Owned	
1.Title of Security (Instr. 3)	ecurity (Month/Day/Year) Execution Date, if		n Date, if	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)  (A) or			d of (D) 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	ties Ownership Indirect cially Form: Direct Beneficial d (D) or Ownership ring Indirect (I) (Instr. 4) ted (Instr. 4) action(s)		
				Code V	Amount	(D)	Price	(msu. 3 and 1)		Held Directly	
Common Stock	02/01/2009			M	2,000	A	\$ 19.14	27,924 (1)	I	and Indirectly by Trust.	
Common Stock	02/01/2009			F	768	D	\$ 19.14	27,156 <u>(2)</u>	I	Held Directly and	

Indirectly

(e.g., puts, calls, warrants, options, convertible securities)

by Trust.

(2)

SEC 1474

(9-02)

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

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

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. Transacti Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Pr Deri Secu (Inst
				Code V	and 5)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	\$ 19.14	02/01/2009		M	2,000	(3)	(3)	Common Stock	16,000	5

## **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

Executive Vice President

Relationshins

## **Signatures**

Deborah L. Wussler, as Attorney-in-Fact 02/04/2009

\*\*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 27,924 shares held, 2,703 shares were held Directly; 25,221 shares were held by Trust.
- (2) Of the 27,156 shares held, 2,703 shares were held Directly; 24,453 shares were held by Trust.

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(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.

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.