FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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).
1. Name and Address of Reporting Person

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

			2. Issuer Name and Ticker or Trading Symbol <u>MICROCHIP TECHNOLOGY INC</u> [MCHP]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
SANGHI STE	<u>ve</u>			X	Director	10% Owner			
(Last)	(First)	(Middle)		X	Officer (give title below)	Other (specify below)			
			3. Date of Earliest Transaction (Month/Day/Year) 04/01/2016		President, CEO, Chairman				
2355 WEST CHA	NDLER BOULEVA	RD							
(Street)			4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indivi	dual or Joint/Group Filing (Che	eck Applicable Line)			
CHANDLER	AZ	85224-6199		X	Form filed by One Reporting	g Person			
					Form filed by More than On	e 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)	Date, Transaction Code (Instr. /Year) 8)		4. Securities Ac Disposed Of (D			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
					Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)			
Common Stock								4,838,769 ⁽¹⁾	Ι	Shares held Indirectly by Trust and by Limited Partnership.	

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. Transac Code (li 8)		Derivative		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		Transaction(s) (Instr. 4)		
Restricted Stock Units	(2)	04/01/2016		A		1,483		(3)	(3)	Common Stock	1,483	\$ 0	1,483	D	
Restricted Stock Units	(2)	04/01/2016		Α		588		(4)	(4)	Common Stock	588	\$0	588	D	
Restricted Stock Units	(2)	04/01/2016		A		21,675		(5)	(5)	Common Stock	21,675	\$ <mark>0</mark>	21,675	D	

Explanation of Responses:

1. Of the 4,838,769 shares held, 1,885,833 shares were held by The Sanghi Trust; and 2,952,936 shares were held by The Sanghi Family Limited Partnership.

2. Each restricted stock unit represents a contingent right to receive one share of Microchip Technology Incorporated common stock.

3. The restricted stock units will vest in full on May 15, 2018 as long as the individual remains a service provider through the vesting date and the Company achieves performance targets for operating expense in the quarter ended June 30, 2016. Vested shares will be delivered to the reporting person upon vest.

4. The restricted stock units will vest in full on May 15, 2019 as long as the individual remains a service provider through the vesting date and the Company achieves performance targets for operating expense in the quarter ended June 30, 2016. Vested shares will be delivered to the reporting person upon vest.

5. The restricted stock units will vest in full on May 15, 2020 as long as the individual remains a service provider through the vesting date and the Company achieves performance targets for operating expense in the quarter ended June 30, 2016. Vested shares will be delivered to the reporting person upon vest.

Remarks:

Deborah L. Wussler, as Attorneyin-Fact

04/05/2016

Date

** Signature of Reporting Person

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

* 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.