Bjornholt James Eric Form 4 November 16, 2017

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB Number:

3235-0287

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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

may continue. See Instruction

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * Bjornholt James Eric

2. Issuer Name and Ticker or Trading Symbol

Issuer

5. Relationship of Reporting Person(s) to

MICROCHIP TECHNOLOGY INC

(Check all applicable)

VP and CFO

[MCHP]

Director X_ Officer (give title)

10% Owner _ Other (specify

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

11/15/2017

below)

C/O MICROCHIP TECHNOLOGY **INCORPORATED, 2355 WEST** CHANDLER BOULEVARD

(Street)

(First)

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

6. Individual or Joint/Group Filing(Check Applicable Line)

(Middle)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

CHANDLER, AZ 85224-6199

(City)	(State)	(Zip) Tabl	e I - Non-I	Derivative	Secu	rities Acqu	ired, Disposed of	f, or Beneficia	lly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securi on(A) or Di (Instr. 3,	spose	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 Stock	11/15/2017		M	3,346	A	\$ 89.59	18,864	I	Shares held Indirectly by Trust.
Common Stock	11/15/2017		F	1,545	D	\$ 89.59	17,319	I	Shares held Indirectly by Trust.
Common Stock	11/15/2017		M	1,773	A	\$ 89.59	19,092	I	Shares held

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								by Trust.
Common Stock	11/15/2017	F	819	D	\$ 89.598	18,273	I	Shares held Indirectly by Trust.

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

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(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. Transactio Code (Instr. 8)	5. Numb poor Deriva Securitie Acquired (A) or Disposed (D) (Instr. 3, and 5)	ative es d	6. Date Exerc Expiration D (Month/Day/	ate	7. Title and A Underlying S (Instr. 3 and	Securities	8. Pr Deri Secu (Inst
				Code V	(A) (I	D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Unit	\$ 89.59	11/15/2017		M	3,3	346	<u>(1)</u>	(1)	Common Stock	3,346	9
Restricted Stock Units	\$ 89.59	11/15/2017		M	1,	773	(2)	(2)	Common Stock	21,276	

Reporting Owners

CHANDLER, AZ 85224-6199

Reporting Owner Name / Address	Relationships					
1000	Director	10% Owner	Officer	Other		
Bjornholt James Eric						
C/O MICROCHIP TECHNOLOGY INCORPORATED 2355 WEST CHANDLER BOULEVARD			VP and CFO			

Signatures

Deborah L. Wussler, as	11/16/2017
Attorney-in-Fact	11/10/2017
**Signature of Reporting Person	Date

Reporting Owners 2

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).
- The restricted stock units will vest in full on November 15, 2017 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 December 31, 2016. Vested shares will be delivered to the reporting person upon vest.
- The restricted stock units vest in twelve equal quarterly installments beginning November 15, 2017 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 December 31, 2015. 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.