FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPRO

OMB Number:	3235-0287
Estimated average burden	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

1. Name and Address of Bjornholt Jame		2. Issuer Name and Ticker or Trading Symbol MICROCHIP TECHNOLOGY INC [MCHP]		ionship of Reporting Person(s) all applicable) Director Officer (give title	10% Owner Other (specify
	(First) TECHNOLOGY IN NDLER BOULEVA	3. Date of Earliest Transaction (Month/Day/Year) 09/04/2018		VP and CFO	below)
(Street) CHANDLER AZ 85224-6199 (City) (State) (Zip)		 4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indivi	eck Applicable Line) g Person e Reporting Person	

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1	I. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution Date, Transaction Di		4. Securities Ac Disposed Of (D			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership	
				Code	v	Amount	(A) or (D)	Price	(Instr. 3 and 4)		(Instr. 4)
	Common Stock	09/04/2018		A	v	6(1)	A	\$73.1765	20,567	l	Shares held Indirectly, by Trust.

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		3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transac Code (Ir 8)		5. Numb Derivativ Securitie Acquired Dispose (D) (Instrand 5)	ve es d (A) or d of	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)	09/04/2018		A		10,888		(3)	(3)	Common Stock	10,888	\$0	10,888	D	

Explanation of Responses:

- 1. Shares were acquired under the Microchip Technology Incorporated 2001 Employee Stock Purchase Plan on September 4, 2018, in an exempt transaction pursuant to Rule 16(b)-3(d), paid for by contributions made during the six month period ended August 31, 2018.
- 2. Each restricted stock unit represents a contingent right to receive one share of Microchip Technology Incorporated common stock.
- 3. The restricted stock units vest in twelve equal quarterly installments beginning November 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 December 31, 2018. Vested shares will be delivered to the reporting person upon vest.

Remarks:

Deborah L. Wussler, as Attorney-

in-Fact

** Signature of Reporting Person Date

09/05/2018

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.