FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPE	ROVAL							
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hours per response:	0.5							

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 Reporting Person* FAUBERT RICHARD J						2. Issuer Name and Ticker or Trading Symbol AXCELIS TECHNOLOGIES INC [ACLS]											olicable)		Person(s) to Issuer 10% Owner	
(Last) (First) (Middle) C/O AXCELIS TECHNOLOGIES, INC.						3. Date of Earliest Transaction (Month/Day/Year) 05/17/2017										Office below	er (give title v)		Other (specify below)	
108 CHERRY HILL DRIVE					4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line)					
(Street) BEVERI	Y M	Α (01915										X	Form	orm filed by One Reporting Person orm filed by More than One Report erson					
(City)	(St	ate) (Zip)																	
		Tabl	e I - Nor	n-Deriv	ative	Se	curitie	s Acc	uired,	Dis	posed o	f, o	r Ben	efici	ally (Owne	ed			
1. Title of Security (Instr. 3) 2. Transac Date (Month/Date)						Execution Date,		Transaction Disposed Code (Instr. 5)			ities Acquired (A) d Of (D) (Instr. 3, 4			4 and Sec Ber Ow		ount of ities icially d Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)	
						Code	v	Amount		(A) or (D)	Price		Reported Transaction(s) (Instr. 3 and 4)				(11150.4)			
Common Stock				05/17/2017				A		3,802		A	A \$0.00 ⁽¹⁾		26,689 ⁽²⁾		D			
		Та									sed of, onvertib					vned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deeme Execution if any (Month/Da	Date, Transaction Code (Ins					6. Date E Expiratio (Month/D	n Date		7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)		str. 3		ivative urity	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownershi Form: Direct (D) or Indirect (I) (Instr. 4	: t (D) direct	Beneficial Ownership (Instr. 4)
					Code	v	(A)	(D)	Date Exercisal		Expiration Date	Title	or Nur of	ount nber ıres						

Explanation of Responses:

- 1. These shares are issuable on vesting of restricted stock units granted under the Company's 2012 Equity Incentive Plan. Assuming continuation of service as a director, 100% of these restricted stock units will vest on November 17, 2017.
- 2. Of the shares held as of May 17, 2017, 9,427 were issuable on vesting of restricted stock units granted to the executive under the 2012 Equity Incentive Plan and are subject to forfeiture.

Remarks:

<u>Lynnette C. Fallon, as attorney</u> in fact for Richard J. Faubert

05/17/2017

** Signature of Reporting Person

Date

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.