

AXCELIS TECHNOLOGIES INC

Form 4

February 17, 2017

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF
SECURITIES**

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

OMB APPROVAL

OMB
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(Print or Type Responses)

1. Name and Address of Reporting Person *
FALLON LYNNETTE C

(Last) (First) (Middle)

C/O AXCELIS TECHNOLOGIES,
INC., 108 CHERRY HILL DRIVE

(Street)

BEVERLY, MA 01915

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading
Symbol
AXCELIS TECHNOLOGIES INC
[ACLS]

3. Date of Earliest Transaction
(Month/Day/Year)
02/15/2015

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

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

____ Director ____ 10% Owner
X Officer (give title ____ Other (specify
below) below)
Executive VP, HR/Legal

6. Individual or Joint/Group Filing(Check
Applicable Line)
X Form filed by One Reporting Person
____ Form filed by More than One Reporting
Person

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)	3. Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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 Ownership (Instr. 4)
Common Stock	02/15/2017		D	2,545	\$ 0 (1)	45,731	D
Common Stock	02/15/2017		F	1,240	\$ 0 (2)	44,491 (3)	D

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

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SEC 1474
(9-02)

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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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

FALLON LYNNETTE C
C/O AXCELIS TECHNOLOGIES, INC.
108 CHERRY HILL DRIVE
BEVERLY, MA 01915

Executive VP, HR/Legal

Signatures

Lynnette C.
Fallon

02/15/2017

**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) These shares were issuable on restricted stock units which forfeited on February 15, 2017 as a result of the non-achievement of 2016 performance goals.

(2) These shares were withheld by the Company to cover the tax withholding obligations of the executive on the vesting of restricted stock units on February 15, 2017.

(3) On February 15, 2017, restricted stock units with performance vesting terms granted in May 2016 were determined to have vested as to 60% of the units. The remaining units forfeited. The shares issued to the executive on the vested units were reduced by shares having a value equal to the executive's tax withholding obligation. After these events, of the shares held by the executive as of February 15, 2017, 19,091 were issuable on vesting of other restricted stock units which remain subject to forfeiture.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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