

BREWER KEVIN J  
 Form 4  
 November 15, 2017

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

OMB APPROVAL  
 OMB Number: 3235-0287  
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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).

**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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
 BREWER KEVIN J

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

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)  
 \_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
 EVP & Chief Financial Officer

(Last) (First) (Middle)  
 C/O AXCELIS TECHNOLOGIES, INC., 108 CHERRY HILL DRIVE  
 (Street)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 11/13/2017

BEVERLY, MA 01915

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 \_\_\_ Form filed by More than One 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)	3. Transaction 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 Indirect Beneficial Ownership (Instr. 4)		
				(A) or (D)	Price				
Common Stock	11/13/2017		M	V	31,640	A	\$ 12.04	100,824 <sup>(1)</sup>	D
Common Stock	11/13/2017		S		31,640	D	\$ 33.78 <sup>(2)</sup>	69,184 <sup>(1)</sup>	D
Common Stock	11/13/2017		S		13,000	D	\$ 34.3 <sup>(3)</sup>	56,184 <sup>(1)</sup>	D

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

Persons who respond to the collection of information contained in this form are not

SEC 1474 (9-02)

required to respond unless the form displays a currently valid OMB control number.

**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)	Amount or Number of Shares
Stock Option (right to buy)	\$ 12.04	11/13/2017		M	31,640	10/15/2017 07/15/2022	Common Stock	31,640

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director 10% Owner Officer Other

BREWER KEVIN J  
C/O AXCELIS TECHNOLOGIES, INC.  
108 CHERRY HILL DRIVE  
BEVERLY, MA 01915

EVP & Chief Financial Officer

## Signatures

Lynnette C. Fallon, as attorney in fact for Kevin J. Brewer

11/14/2017

\_\_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) Of the shares held as of September 12, 2017, 39,167 were issuable on vesting of restricted stock units granted under the 2012 Equity Incentive Plan and are subject to forfeiture.

(2) The price reported in Column 4 is a weighted-average price. These shares were sold in multiple transactions at prices ranging from \$33.75 to \$33.93, inclusive. The reporting person undertakes to provide to Axcelis Technologies, Inc., any security holder of Axcelis Technologies, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price.

(3) The price reported in Column 4 is a weighted-average price. These shares were sold in multiple transactions at prices ranging from \$34.30 to \$34.35, inclusive. The reporting person undertakes to provide to Axcelis Technologies, Inc., any security holder of Axcelis Technologies, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price.

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- 56,250 options were granted on July 15, 2015 and were vested as to 56.25% of the options as of October 15, 2017. Of the remaining
- (4) 24,610 options held by the executive after the sales reported on this form, 3,515/6 options will vest on the 15th of each of July, October, January, and April until fully vested on July 15, 2019, if the officer remains in the service of the Company on such vesting dates.

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.