AXCELIS TECHNOLOGIES INC

Form 4 July 17, 2014

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

Number:

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may continue.

Check this box

if no longer

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

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * KEITHLEY JOSEPH P

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

below)

Symbol

(Middle)

AXCELIS TECHNOLOGIES INC

(Check all applicable)

[ACLS]

(Last)

3. Date of Earliest Transaction

X_ Director Officer (give title

10% Owner Other (specify

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

(Street)

(First)

4. If Amendment, Date Original

(Instr. 8)

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

Filed(Month/Day/Year)

(Month/Day/Year)

07/15/2014

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

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

BEVERLY, MA 01915

Security

(Instr. 3)

(City) (State) (Zip) 1. Title of 2. Transaction Date 2A. Deemed

3. 4. Securities (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Code Disposed of (D) 5. Amount of Securities Beneficially Owned (I) Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (Instr. 4) (Instr. 4)

Reported (A) Transaction(s) or (Instr. 3 and 4)

Code V Amount (D) Price

(Instr. 3, 4 and 5)

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

(Month/Day/Year)

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

3. Transaction Date 3A. Deemed 1. Title of (Month/Day/Year) Execution Date, if Derivative Conversion

5. Number of TransactionDerivative

6. Date Exercisable and **Expiration Date**

7. Title and Amount of Underlying Securities

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		(Month/Day/Year)		(Instr. 3 and 4)	
				Code V	7 (A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock option (right to buy)	\$ 1.8	07/15/2014		A <u>(1)</u>	40,000)	01/11/2015	07/15/2021	Common Stock	40,000

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

KEITHLEY JOSEPH P C/O AXCELIS TECHNOLOGIES, INC. 108 CHERRY HILL DRIVE BEVERLY, MA 01915



Signatures

Lynnette C. Fallon, as attorney in fact for Joseph P.

Keithley

07/16/2014

**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) Granted pursuant to the Axcelis Technologies, Inc. 2012 Equity Incentive Plan.

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.

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