KEITHLEY JOSEPH P

Form 4

August 04, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

Expires:

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OMB APPROVAL

January 31, 2005

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Check this box

Form 5 obligations may continue.

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

1(b).

(Print or Type Responses)

See Instruction

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

AXCELIS TECHNOLOGIES INC

(Check all applicable)

[ACLS]

(Last) (First) 3. Date of Earliest Transaction

X_ Director 10% Owner Officer (give title Other (specify

(Month/Day/Year)

08/03/2011

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

(Month/Day/Year)

(Middle)

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

(Street)

4. If Amendment, Date Original

Filed(Month/Day/Year)

BEVERLY, MA 01915

Security

(Instr. 3)

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

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 3. 4. Securities (Month/Day/Year) Execution Date, if

Code

(Instr. 8)

TransactionAcquired (A) or Disposed of (D)

5. Amount of Securities Beneficially Owned

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

(Instr. 4)

Following 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.

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SEC 1474 (9-02)

(Instr. 4)

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

1. Title of Derivative Conversion

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

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	3)	Securities Acquired or Dispos (D) (Instr. 3, 4 and 5)	(A) ed of	(Month/Day/Year)		(Instr. 3 and 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock option (right to buy)	\$ 1.54	08/03/2011		A <u>(1)</u>		40,000		02/12/2012	08/03/2021	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

08/04/2011

**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. 2000 Stock 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.

Reporting Owners 2