

Bintz William J
Form 3/A
December 14, 2007

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF 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 *

Â Bintz William J

(Last) (First) (Middle)

108 CHERRY HILL DRIVE

(Street)

BEVERLY,Â MAÂ 01915

(City) (State) (Zip)

2. Date of Event Requiring Statement

(Month/Day/Year)

09/17/2007

3. Issuer Name and Ticker or Trading Symbol

AXCELIS TECHNOLOGIES INC [ACLS]

4. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner

☒ Officer ___ Other

(give title below) (specify below)

Senior VP, Marketing

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

09/17/2007

6. Individual or Joint/Group

Filing(Check Applicable Line)

☒ Form filed by One Reporting Person

___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security
(Instr. 4)

2. Amount of Securities Beneficially Owned
(Instr. 4)

3. Ownership Form:
Direct (D)
or Indirect (I)
(Instr. 5)

4. Nature of Indirect Beneficial Ownership
(Instr. 5)

Common Stock

17,365 ⁽¹⁾

D Â

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

SEC 1473 (7-02)

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 control number.

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

1. Title of Derivative Security
(Instr. 4)

2. Date Exercisable and Expiration Date
(Month/Day/Year)

3. Title and Amount of Securities Underlying Derivative Security
(Instr. 4)

4. Conversion or Exercise Price of Derivative Security

5. Ownership Form of Derivative Security:
Direct (D)
or Indirect

6. Nature of Indirect Beneficial Ownership
(Instr. 5)

Date Exercisable Expiration Date

Title Amount or Number of

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				Shares		(I) (Instr. 5)	
Right to Buy (Stock Option)	01/03/2010 ⁽²⁾	01/03/2016	Common Stock	17,000	\$ 4.78	D	Â
Right to Buy (Stock Option)	05/15/2011 ⁽³⁾	05/15/2017	Common Stock	5,000	\$ 6.39	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Bintz William J 108 CHERRY HILL DRIVE BEVERLY, MA 01915	Â	Â	Â Senior VP, Marketing	Â

Signatures

Lynnette C. Fallon, as attorney in fact for William J. Bintz 12/14/2007

__Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 5(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).
- Of the shares held as of 9/17/2007, 16,000 were issuable on vesting of restricted stock units granted to the executive under the Company's
- (1) 2000 Stock Plan and are subject to forfeiture. A portion of these shares will be withheld by the Company on vesting to satisfy tax withholding requirements.
 - (2) Exercisable as to 25% of the shares on each of 01/03/2007, 01/03/2008, 01/03/2009 and 01/03/2010.
 - (3) Exercisable as to 25% of the shares on each of 05/15/2008, 05/15/2009, 05/15/2010 and 05/15/2011.

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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