## SEC Form 4

Instruction 1(b).

## 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

### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

OMB Number:	3235-0287
Estimated average bu	rden
hours per response:	0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person <sup>*</sup> GRAVES GREGORY B (Last) (First) (Middle) C/O AXCELIS TECHNOLOGIES, INC. 108 CHERRY HILL DRIVE			2. Issuer Name and Ticker or Trading Symbol <u>AXCELIS TECHNOLOGIES INC</u> [ ACLS ]		tionship of Reporting Pe all applicable) Director	10% Owner		
			3. Date of Earliest Transaction (Month/Day/Year) 03/15/2024		Officer (give title below)	Other (specify below)		
			4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	vidual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person			
(Street) BEVERLY MA 01915		01915			Form filed by More that Person	Ū.		
(City)	(State)	(Zip)	Rule 10b5-1(c) Transaction Indication         Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.					

#### 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)	Transaction Code (Instr.						Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership
			Code	v	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		(Instr. 4)
Common Stock	03/15/2024		A		1,340	A	<b>\$0</b> <sup>(1)</sup>	1,340 <sup>(2)</sup>	D	
Common Stock	03/15/2024		A		670	Α	<b>\$0</b> <sup>(3)</sup>	2,010 <sup>(2)</sup>	D	

#### 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. Transa Code ( 8)		of Deriv Secu Acqu (A) of Dispo of (D)	Expiration Date (Month/Day/Year) urities uired or oosed 0) 0, r. 3, 4		Expiration Date Amount of Month/Day/Year) Securitie Underlyin Derivativ		Amount of Deri Securities Sec Underlying (Ins Derivative Security (Instr.		9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

1. These shares are issuable on vesting of restricted stock units granted under the Company's 2012 Equity Incentive Plan on March 15, 2024. Assuming continuation of service on the Board of Directors, these restricted stock units will vest on March 15, 2025.

2. Of the shares held as of March 15, 2024, all were issuable on vesting of restricted stock units granted to the director under the 2012 Equity Incentive Plan and are subject to forfeiture.

3. These shares are issuable on vesting of restricted stock units granted under the Company's 2012 Equity Incentive Plan on March 15, 2024. Assuming continuation of service on the Board of Directors, these restricted stock units will vest as to 25% of the shares granted on each of March 15, 2025, March 15, 2026, March 15, 2027 and March 15, 2028.

/s/ Lynnette C. Fallon,
Attorney-in-Fact
** Signature of Reporting Pers

03/15/2024

Date on

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

 $^{\ast}$  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).

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

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 Number.