

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM 8-K**

**CURRENT REPORT  
Pursuant to Section 13 or 15(d)  
of the Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): **December 18, 2012**

**Axcelis Technologies, Inc.**

(Exact name of registrant as specified in its charter)


**Delaware**  
(State or other jurisdiction  
of incorporation)

**000-30941**  
(Commission  
File Number)

**34-1818596**  
(IRS Employer  
Identification No.)

**108 Cherry Hill Drive, Beverly, Massachusetts**  
(Address of principal executive offices)

**01915**  
(Zip Code)

Registrant's telephone number, including area code: **(978) 787-4000** 

(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

---

---

**Item 7.01 Regulation FD Disclosure**

On December 18, 2012, the Company received written notification from the Nasdaq Stock Market ("Nasdaq") that it has regained compliance with the \$1.00 per share minimum bid price requirement for continued listing on the Nasdaq Global Select Market. In late November 2012, the Company had received written notification from Nasdaq that the Company had not met this requirement for 30 consecutive business days. The Company has maintained a closing bid price equal to or in excess of \$1.00 per share for a ten consecutive trading day period beginning December 4, 2012 and the matter is now closed. The Company's common stock will continue to trade on the Nasdaq Global Select Market.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: December 18, 2012

**AXCELIS TECHNOLOGIES, INC.**

By: /s/ Jay Zager  
Jay Zager, Executive Vice President and Chief Financial Officer