

**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): **November 6, 2024**

**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 (see General Instruction A.2.):

- 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))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter). Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, par value \$0.001 per share	ACLS	NASDAQ Global Select Market

**Item 2.02 Results of Operations and Financial Condition**

On November 6, 2024, Axcelis Technologies, Inc. (the "Company") issued a press release regarding its financial results for its quarter ended September 30, 2024. The Company's press release is attached as Exhibit 99.1 to this Current Report on Form 8-K and incorporated by reference herein.

**Item 7.01 Regulation FD Disclosure.**

During the preparation of the Company's financial statements for the quarter ended September 30, 2024, the Company's internal financial team identified an error in the calculation of backlog in prior periods, beginning in 2019 through the second quarter of 2024, as reported in previously filed Form 10-Ks and as discussed from time to time in quarterly earnings calls. Attached as Exhibit 99.2 to this Current Report on Form 8-K and incorporated by reference herein is a chart showing the backlog amounts reported in the Company's Form 10-Ks for the years ended 2019, 2020, 2021, 2022 and 2023, and as provided for the first two quarters of 2024, as originally reported and as corrected.

**Item 9.01 Financial Statements and Exhibits.**

<u>Exhibit No.</u>	<u>Description</u>
<a href="#">99.1</a>	<a href="#">Press Release dated November 6, 2024. Filed herewith</a>
<a href="#">99.2</a>	<a href="#">Historical Backlog Correction dated November 6, 2024. Filed herewith</a>
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

**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: November 6, 2024

Axcelis Technologies, Inc.

By: /s/ James Coogan  
James Coogan  
Executive Vice President  
and Chief Financial Officer

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NEWS RELEASE

**Axcelis Announces Financial Results for Third Quarter 2024**

- **Revenue of \$256.6 million**
- **Operating margin of 18.3%**
- **Diluted earnings per share of \$1.49**

BEVERLY, Mass. — Nov. 6, 2024—[Axcelis Technologies, Inc.](#) (Nasdaq: ACLS) today announced financial results for the third quarter ended September 30, 2024. The Company reported third quarter revenue of \$256.6 million, compared to \$256.5 million for the second quarter of 2024. Gross margin for the quarter was 42.9%, compared to 43.8% in the second quarter. Operating profit for the quarter was \$46.9 million, compared to \$52.8 million for the second quarter. Net income for the quarter was \$48.6 million, or \$1.49 per diluted share, compared to \$50.9 million, or \$1.55 per diluted share in the second quarter.

President and CEO Russell Low commented, "Axcelis executed well in the third quarter with results relatively in-line with our expectations. While we anticipate a near term digestion of mature node capacity through the first half of 2025, customer engagement is strong and our long-term growth opportunity remains squarely intact highlighted by attractive secular growth in silicon carbide, a cyclical recovery in our memory and general mature markets, market share gains in advanced logic and regional penetration of the Japan market."

Executive Vice President and Chief Financial Officer Jamie Coogan said, "We are pleased with the financial performance delivered by our team thus far in 2024. Our cash generation remains strong, we are engaging with customers across a number of key growth opportunities, and we are investing in our product roadmaps while maintaining discipline in our overall cost structure. All of this, when coupled with our strong balance sheet, put us in position to capture the growth opportunities that lie ahead and drive long-term value creation for shareholders."

**Business Outlook**

For the fourth quarter ending December 31, 2024, Axcelis expects revenues of approximately \$245 million, and earnings per diluted share of approximately \$1.25.

**Correction of Historical Backlog**

During the preparation of the Company's third quarter financial statements, the Axcelis internal financial team identified an error in the calculation of backlog, beginning in 2019 through the second quarter of 2024. For example, corrected backlog as of June 30, 2024 was \$879 million, compared to previously reported backlog of \$994 million. Backlog as of September 30, 2024 was \$758 million.

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The corrected historical figures for 2019 through the second quarter of 2024 have been posted to the Investor section of the Axcelis website at [investor.axcelis.com](https://investor.axcelis.com).

**Third Quarter 2024 Conference Call**

The Company will host a call to discuss the results for the third quarter 2024 on Thursday, Nov. 7, 2024, at 8:30 a.m. ET. The call will be available via webcast that can be accessed through the Investors page of Axcelis' website at [www.axcelis.com](https://www.axcelis.com), or by registering as a Participant here: <https://register.vevent.com/register/BI64036dd04ee74de4bea3e1ba939fae67>

Webcast replays will be available for 30 days following the call.

**Safe Harbor Statement**

This press release and the conference call contain forward-looking statements under the Private Securities Litigation Reform Act safe harbor provisions. These statements, which include our expectations for spending in our industry and guidance for future financial performance, are based on management's current expectations and should be viewed with caution. They are subject to various risks and uncertainties that could cause actual results to differ materially from those in the forward-looking statements, many of which are outside the control of the Company, including that customer decisions to place orders or our product shipments may not occur when we expect, that orders may not be converted to revenue in any particular quarter, or at all, whether demand will continue for the semiconductor equipment we produce or, if not, whether we can successfully meet changing market requirements, and whether we will be able to maintain continuity of business relationships with and purchases by major customers. Increased competitive pressure on sales and pricing, increases in material and other production costs that cannot be recouped in product pricing and instability caused by changing global economic, political or financial conditions could also cause actual results to differ materially from those in our forward-looking statements. These risks and other risk factors relating to Axcelis are described more fully in the most recent Form 10-K filed by Axcelis and in other documents filed from time to time with the Securities and Exchange Commission.

**About Axcelis:**

Axcelis (Nasdaq: ACLS), headquartered in Beverly, Mass., has been providing innovative, high-productivity solutions for the semiconductor industry for over 45 years. Axcelis is dedicated to developing enabling process applications through the design, manufacture and complete life cycle support of ion implantation systems, one of the most critical and enabling steps in the IC manufacturing process. Learn more about Axcelis at [www.axcelis.com](https://www.axcelis.com).

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NEWS RELEASE

CONTACTS:

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Axcelis Technologies, Inc.  
Consolidated Statements of Operations  
(In thousands, except per share amounts)  
(Unaudited)

	Three months ended September 30,		Nine months ended September 30,	
	2024	2023	2024	2023
Revenue:				
Product	\$ 246,826	\$ 283,367	\$ 735,626	\$ 795,047
Services	9,738	8,959	29,822	25,269
Total revenue	<u>256,564</u>	<u>292,326</u>	<u>765,448</u>	<u>820,316</u>
Cost of revenue:				
Product	136,379	154,798	399,049	444,311
Services	10,215	7,844	27,968	22,600
Total cost of revenue	<u>146,594</u>	<u>162,642</u>	<u>427,017</u>	<u>466,911</u>
Gross profit	109,970	129,684	338,431	353,405
Operating expenses:				
Research and development	26,395	24,093	77,843	71,996
Sales and marketing	16,808	16,465	51,483	46,146
General and administrative	19,854	17,446	52,842	48,519
Total operating expenses	<u>63,057</u>	<u>58,004</u>	<u>182,168</u>	<u>166,661</u>
Income from operations	46,913	71,680	156,263	186,744
Other income (expense):				
Interest income	6,560	4,580	18,126	12,824
Interest expense	(1,333)	(1,325)	(4,017)	(4,027)
Other, net	3,225	(1,260)	1,257	(4,348)
Total other income	<u>8,452</u>	<u>1,995</u>	<u>15,366</u>	<u>4,449</u>
Income before income taxes	55,365	73,675	171,629	191,193
Income tax provision	6,789	7,744	20,593	15,986
Net income	<u>\$ 48,576</u>	<u>\$ 65,931</u>	<u>\$ 151,036</u>	<u>\$ 175,207</u>
Net income per share:				
Basic	\$ 1.49	\$ 2.01	\$ 4.63	\$ 5.35
Diluted	\$ 1.49	\$ 1.99	\$ 4.61	\$ 5.28
Shares used in computing net income per share:				
Basic weighted average shares of common stock	<u>32,550</u>	<u>32,807</u>	<u>32,595</u>	<u>32,775</u>
Diluted weighted average shares of common stock	<u>32,675</u>	<u>33,159</u>	<u>32,780</u>	<u>33,208</u>

Axcelis Technologies, Inc.  
Consolidated Balance Sheets  
(In thousands, except per share amounts)  
(Unaudited)

	September 30, 2024	December 31, 2023
<b>ASSETS</b>		
Current assets:		
Cash and cash equivalents	\$ 120,066	\$ 167,297
Short-term investments	459,341	338,851
Accounts receivable, net	183,543	217,964
Inventories, net	290,954	306,482
Prepaid income taxes	10,748	—
Prepaid expenses and other current assets	57,441	49,397
Total current assets	1,122,093	1,079,991
Property, plant and equipment, net	54,454	53,971
Operating lease assets	30,391	30,716
Finance lease assets, net	15,668	16,632
Long-term restricted cash	6,653	6,654
Deferred income taxes	58,938	53,428
Other assets	49,928	40,575
Total assets	\$ 1,338,125	\$ 1,281,967
<b>LIABILITIES AND STOCKHOLDERS' EQUITY</b>		
Current liabilities:		
Accounts payable	\$ 54,047	\$ 54,400
Accrued compensation	23,070	31,445
Warranty	14,547	14,098
Income taxes	—	6,164
Deferred revenue	138,682	164,677
Current portion of finance lease obligation	1,399	1,511
Other current liabilities	20,519	12,834
Total current liabilities	252,264	285,129
Long-term finance lease obligation	42,671	43,674
Long-term deferred revenue	25,344	46,208
Other long-term liabilities	42,252	42,074
Total liabilities	362,531	417,085
Stockholders' equity:		
Common stock, \$0.001 par value, 75,000 shares authorized; 32,504 shares issued and outstanding at September 30, 2024; 32,685 shares issued and outstanding at December 31, 2023	33	33
Additional paid-in capital	545,350	547,189
Retained earnings	432,429	319,506
Accumulated other comprehensive loss	(2,218)	(1,846)
Total stockholders' equity	975,594	864,882
Total liabilities and stockholders' equity	\$ 1,338,125	\$ 1,281,967





***axcelis***

**HISTORICAL BACKLOG CORRECTION**

NOVEMBER 6, 2024



## CORRECTED HISTORICAL BACKLOG (2019 - Q2 2024)

(in millions)	As of December 31,					March 31,	June 30,
	2019	2020	2021	2022	2023	2024	2024
Corrected Backlog	\$84	\$111	\$415	\$1,020	\$1,061	\$973	\$973
Previously Reported Backlog	\$99	\$116	\$461	\$1,125	\$1,212	\$1,121	\$1,121
<i>Variance</i>	\$(15)	\$(5)	\$(46)	\$(105)	\$(151)	\$(148)	\$(148)