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): May 3, 2023

Axcelis Technologies, Inc.

(Exact name of registrant as specified in its charter)

000-30941 34-1818596 **Delaware** (Commission (State or other jurisdiction (IRS Employer of incorporation) File Number) Identification No.)

108 Cherry Hill Drive, Beverly, Massachusetts

(Address of principal executive offices) (Zip Code)

01915

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

	(Former name o	or former address, if changed si	nce last report.)						
□ 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 no 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	11 1	nded to simultaneously satisfy t	he filing obligation of the registrant under any of the						
□ 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 not 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	\square Written communications pursuant to Rule 425 under the S	ecurities Act (17 CFR 230.425))						
□ 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 no 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	☐ Soliciting material pursuant to Rule 14a-12 under the Excl	hange Act (17 CFR 240.14a-12)						
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 neor 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	□ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))								
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 nor 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	□ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))								
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 not 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									
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			Emerging growth company \Box						
Title of each class Trading Symbol(s) Name of each exchange on which registered	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. \Box								
	Securities registered pursuant to Section 12(b) of the Act:								
Common Stock, par value \$0.001 per share ACLS NASDAQ Global Select Market	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 May 3, 2023, Axcelis Technologies, Inc. (the "Company") issued a press release regarding its financial results for its quarter ended March 31, 2023. 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 9.01 Financial Statements and Exhibits.

Exhibit No.	Description
99.1 104	Press Release dated May 3, 2023. Filed herewith. Cover Page Interactive Data File (embedded within the Inline XBRL document)
	2

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: May 3, 2023 Axcelis Technologies, Inc.

By: /s/ KEVIN J. BREWER

Kevin J. Brewer

Executive Vice President and Chief Financial Officer

News Release



Axcelis Announces Financial Results for First Quarter 2023

Strength in Silicon Carbide Power Devices and Strong Purion Demand Drives Revenue Growth and Record Backlog

BEVERLY, Mass. — May 3, 2023 — Axcelis Technologies, Inc. (Nasdaq: ACLS) today announced financial results for the first quarter of 2023.

Highlights include:

- · The Company reported first quarter revenue of \$254.0 million, compared to \$266.1 million for the fourth quarter of 2022.
- · Operating profit for the quarter was \$51.4 million, compared to \$56.1 million for the fourth quarter.
- · Net income for the quarter was \$47.7 million, or \$1.43 per diluted share, compared to \$57.0 million, or \$1.71 per diluted share in the fourth quarter.
- · Gross margin for the quarter was 40.9%, compared to 41.2% in the fourth quarter.
- · First quarter ended with record systems backlog of \$1.27 billion on quarterly bookings of \$298 million.

President and CEO Mary Puma commented, "Axcelis delivered strong first quarter financial performance with a new backlog record, as a result of significant demand and solid execution by the Axcelis team. The Purion product family continues to gain share, especially in the mature process technology markets. Axcelis' high value Purion product extensions were designed to optimize power and image sensor device manufacturing, uniquely positioning Axcelis to benefit from high growth in these markets."

Executive Vice President and Chief Financial Officer Kevin Brewer said, "We are pleased with our first quarter 2023 financial results and are excited about the increased 2023 revenue expectation of greater than \$1.03 billion, representing year over year growth of over 12%."

Business Outlook

For the second quarter ending June 30, 2023, Axcelis expects revenues between \$255-260 million. Gross margin in the second quarter is expected to be approximately 42%. Second quarter operating profit is forecast to be approximately \$55 million with earnings per diluted share between \$1.44-1.48. For the full year, the Company expects to achieve revenue greater than \$1.03 billion. Assuming expected improvements in supply chain costs and product mix occur in the second half of the year, we would expect to achieve full year gross margins of approximately 44% as shown in the \$1.03 billion model.

News Release



First Quarter 2023 Conference Call

The Company will host a call to discuss the results for the first quarter on Thursday, May 4, 2023, at 8:30 a.m. ET. The call will be available to interested listeners via an audio webcast that can be accessed through the Investors page of Axcelis' website at www.axcelis.com, or by registering as a Participant here: https://register.vevent.com/register/B19e785ddb05a74fc6a117a8c7f718b6ff. 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 revenues, gross margin, operating profit and other guidance for our future financial performance and spending in our industry, 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.

Company Contacts

Investor Relations: Doug Lawson 978.787.9552

Editorial/Media: Maureen Hart 978.787.4266



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

Three months ended

	March 31,		
	 2023		2022
Revenue:			
Product	\$ 246,007	\$	196,531
Services	8,013		7,064
Total revenue	 254,020		203,595
Cost of revenue:			
Product	142,771		107,642
Services	 7,230		6,187
Total cost of revenue	 150,001		113,829
Gross profit	104,019		89,766
Operating expenses:			
Research and development	23,773		16,973
Sales and marketing	14,144		11,291
General and administrative	 14,745		12,579
Total operating expenses	 52,662		40,843
Income from operations	51,357		48,923
Other income (expense):			
Interest income	3,936		95
Interest expense	(1,353)		(1,518)
Other, net	 (1,038)		(1,617)
Total other income (expense)	 1,545		(3,040)
Income before income taxes	52,902		45,883
Income tax provision	5,205		4,269
Net income	\$ 47,697	\$	41,614
Net income per share:			
Basic	\$ 1.46	\$	1.25
Diluted	\$ 1.43	\$	1.22
Shares used in computing net income per share:	 		
Basic weighted average common shares	32,744		33,245
Diluted weighted average common shares	 33,293		33,974



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

	March 31, I 2023		December 31, 2022	
ASSETS			_	
Current assets:				
1	\$	164,479	\$ 185,595	
Short-term investments		280,220	246,571	
Accounts receivable, net		189,597	169,773	
Inventories, net		262,054	242,406	
Prepaid expenses and other current assets		38,092	 33,300	
Total current assets		934,442	877,645	
Property, plant and equipment, net		40,970	39,664	
Operating lease assets		10,660	12,146	
Finance lease assets, net		17,623	17,942	
Long-term restricted cash		6,653	752	
Deferred income taxes		35,428	31,701	
Other assets		34,050	33,791	
Total assets	\$	1,079,826	\$ 1,013,641	
LIABILITIES AND STOCKHOLDERS' EQUITY			 	
Current liabilities:				
1 0	\$	60,473	\$ 62,346	
Accrued compensation		14,180	35,540	
Warranty		9,599	8,299	
Income taxes		13,183	4,304	
Deferred revenue		156,876	123,471	
Current portion of finance lease obligation		1,297	1,229	
Other current liabilities		12,334	12,943	
Total current liabilities		267,942	248,132	
Long-term finance lease obligation		44,831	45,185	
Long-term deferred revenue		44,849	31,306	
Other long-term liabilities		20,383	21,762	
Total liabilities		378,005	346,385	
Stockholders' equity:				
Common stock, \$0.001 par value, 75,000 shares authorized; 32,726 shares issued and outstanding at March 31,				
2023; 32,775 shares issued and outstanding at December 31, 2022		33	33	
Additional paid-in capital		547,692	550,299	
Retained earnings		156,014	118,892	
Accumulated other comprehensive loss		(1,918)	 (1,968)	
Total stockholders' equity		701,821	667,256	
Total liabilities and stockholders' equity	\$	1,079,826	\$ 1,013,641	