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 5, 2020

Axcelis Technologies, Inc. (Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation) 108 Cherry Hill Drive, Beverly, Massachusetts (Address of principal executive offices)		000-30941 (Commission File Number)	34-1818596 (IRS Employer Identification No.)
		usetts	01915
		elephone number, including area code: (978) 7 8	(Zip Code) 37-4000
	<u> </u>	nme or former address, if changed since last rep	
	ck the appropriate box below if the Form 8-K filing is owing provisions (see General Instruction A.2.):	intended to simultaneously satisfy the filing ob	oligation of the registrant under any of the
	Written communications pursuant to Rule 425 unde	er the Securities Act (17 CFR 230.425)	
	Soliciting material pursuant to Rule 14a-12 under the	ne Exchange Act (17 CFR 240.14a-12)	
	Pre-commencement communications pursuant to Re	ule 14d-2(b) under the Exchange Act (17 CFR	240.14d-2(b))
	Pre-commencement communications pursuant to Re	ule 13e-4(c) under the Exchange Act (17 CFR 2	240.13e-4(c))
	cate by check mark whether the registrant is an emerg oter) or Rule 12b-2 of the Securities Exchange Act of		the Securities Act of 1933 (§230.405 of this
		Emerg	ging growth company \square
	n emerging growth company, indicate by check mark i	9	led transition period for complying with any nev
Secu	urities registered pursuant to Section 12(b) of the Act:		

Trading Symbol(s)

ACLS

Name of each exchange on which registered

NASDAQ Global Select Market

Title of each class Common Stock, par value \$0.001 per share

Item 2.02 Results of Operations and Financial Condition

On May 5, 2020, Axcelis Technologies, Inc. (the "Company") issued a press release regarding its financial results for its quarter ended March 31, 2020. 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
<u>99.1</u>	Press Release dated May 5, 2020. Filed herewith.
<u>33.1</u>	riess Release dated May 3, 2020. Fried herewith.
	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 5, 2020 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 2020 Company Reports Continued Strong Demand for Purion Products

BEVERLY, Mass. — May 5, 2020—<u>Axcelis Technologies</u>, Inc. (Nasdaq: ACLS) today announced financial results for the first quarter ended March 31, 2020.

The Company reported first quarter revenue of \$119 million, compared to \$107.7 million for the fourth quarter of 2019. Operating profit for the quarter was \$13.7 million, compared to \$13.2 million for the fourth quarter. Net income for the quarter was \$11.2 million, or \$0.33 per diluted share, compared to net income for the fourth quarter of \$9.7 million, or \$0.29 per diluted share. Gross margin for the quarter was 38.3%, compared to 41.1% in the fourth quarter. Cash, cash equivalents and restricted cash were \$181.4 million on March 31, 2020, compared to \$146.5 million on December 31, 2019.

President and CEO Mary Puma commented, "We are very pleased with our strong first quarter performance. As a result of everyone's extraordinary efforts, we delivered an excellent financial quarter by continuing to meet our customers' expectations. While there is limited visibility to near-term macroeconomic conditions, customer demand for our Purion platform remains strong. Axcelis has a highly differentiated product line, a broad and diverse customer base, a robust balance sheet and a dedicated team of employees. These strengths will propel us through this difficult period and lead us to market leadership in ion implantation."

First Quarter 2020 Conference Call

The Company will host a call to discuss the results for the first quarter 2020 on Wednesday, May 6, 2020 at 8:30 am 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 dialing 866.588.8911 (707.294.1561 outside North America). Participants calling into the conference call will be requested to provide the company name, Axcelis Technologies, and Audience Passcode: 1738978. Webcast replays will be available for 30 days following the call.

News Release



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 40 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

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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,		
	2020		2019	
Revenue:				
Product	\$ 11	2,133 \$	84,197	
Services		6,858	7,280	
Total revenue	11	8,991	91,477	
Cost of revenue:				
Product	6	7,172	47,338	
Services		6,270	6,633	
Total cost of revenue	7	3,442	53,971	
Gross profit	4	5,549	37,506	
Operating expenses:				
Research and development	1	4,606	13,685	
Sales and marketing		8,204	8,918	
General and administrative		9,036	7,807	
Total operating expenses	3	1,846	30,410	
Income from operations	1	3,703	7,096	
Other (expense) income:				
Interest income		482	841	
Interest expense		(1,303)	(1,230)	
Other, net		(620)	(173)	
Total other expense		(1,441)	(562)	
Income before income taxes	1	2,262	6,534	
Income tax provision		1,041	472	
Net income	\$ 1	1,221 \$	6,062	
Net income per share:				
Basic	\$	0.34 \$	0.19	
Diluted	\$	0.33 \$		
Shares used in computing net income per share:				
Basic weighted average common shares	3	2,872	32,683	
Diluted weighted average common shares		4,057	34,224	
			<u> </u>	





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

	March 31, 2020		December 31, 2019	
ASSETS	'			
Current assets:				
Cash and cash equivalents	\$	174,745	\$	139,881
Accounts receivable, net		64,238		83,753
Inventories, net		136,068		140,364
Prepaid expenses and other current assets		16,621		11,681
Total current assets		391,672		375,679
Property, plant and equipment, net		26,363		25,328
Operating lease assets		5,583		5,849
Finance lease assets, net		21,528		21,880
Long-term restricted cash		6,671		6,653
Deferred income taxes		66,607		68,060
Other assets		44,149		44,645
Total assets	\$	562,573	\$	548,094
LIABILITIES AND STOCKHOLDERS' EQUITY			_	
Current liabilities:				
Accounts payable	\$	26,089	\$	25,341
Accrued compensation		9,237		7,631
Warranty		3,431		2,759
Income taxes		344		294
Deferred revenue		28,892		24,601
Current portion of finance lease obligation		573		399
Other current liabilities		6,807		7,639
Total current liabilities		75,373		68,664
Long-term finance lease obligation		47,976		48,149
Long-term deferred revenue		5,214		4,650
Other long-term liabilities		6,838		7,204
Total liabilities		135,401		128,667
Stockholders' equity:				
Common stock, \$0.001 par value, 75,000 shares authorized; 32,837 shares issued and outstanding at March 31,		22		22
2020; 32,585 shares issued and outstanding at December 31, 2019		33		33
Additional paid-in capital		559,182		559,878
Accumulated deficit		(130,730)		(140,226)
Accumulated other comprehensive loss		(1,313)		(258)
Total stockholders' equity		427,172		419,427
Total liabilities and stockholders' equity	\$	562,573	\$	548,094