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 3, 2021

Axcelis Technologies, Inc.

(Exact name of registrant as specified in its charter)

Delaware	000-30941	34-1818596
(State or other jurisdiction	(Commission	(IRS Employer
of incorporation)	File Number)	Identification No.)
108 Cherry Hill Drive, Beverly, Mass	achusetts	01915
(Address of principal executive off	ïces)	(Zip Code)
Registran	it's telephone number, including area coo	de: (978) 787-4000
(Form	er name or former address, if changed si	nce last report.)
Check the appropriate box below if the Form 8-K fili following provisions (see General Instruction A.2.):	ng is intended to simultaneously satisfy	the filing obligation of the registrant under any of the
☐ Written communications pursuant to Rule 425 ur	nder the Securities Act (17 CFR 230.425)
☐ Soliciting material pursuant to Rule 14a-12 unde	r 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 enchapter) or Rule 12b-2 of the Securities Exchange Ac		Rule 405 of the Securities Act of 1933(§230.405 of this
		Emerging growth company \Box
If an emerging growth company, indicate by check m	ark if the registrant has elected not to us	e the extended transition period for complying with any new
or revised financial accounting standards provided pu	ursuant 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	NASDAO Global Select Market

Item 2.02 Results of Operations and Financial Condition

On November 3, 2021, Axcelis Technologies, Inc. (the "Company") issued a press release regarding its financial results for its quarter ended September 30, 2021. 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 November 3, 2021. Filed herewith. Cover Page Interactive Data File (embedded within the Inline XBRL document)
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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 3, 2021 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 THIRD QUARTER 2021

The Company Reports Record Implant Systems Revenue and Backlog

BEVERLY, Mass. — November 3, 2021—<u>Axcelis Technologies</u>, Inc. (Nasdaq: ACLS), a leading supplier of enabling ion implantation solutions for the semiconductor industry, today announced financial results for the third quarter ended September 30, 2021.

Highlights for the third quarter are as follows:

- The Company reported third quarter revenue of \$176.7 million, compared to \$147.3 million for the second quarter of 2021. This includes quarterly system revenues of \$126.2 million dollars, an implant systems record, compared to \$100.1 million in the second quarter.
- · Operating profit for the quarter was \$36.4 million, compared to \$24 million for the second quarter.
- · Net income for the quarter was \$27.5 million, or \$0.81 per diluted share, compared to net income of \$18.9 million, or \$0.55 per diluted share for the second quarter.
- · Gross margin for the quarter was 43.3%, compared to 43.5% in the second quarter.
- Shipped full family of Purion SiC Power Series™ implanters to leading power device chipmakers located in Asia and Europe.
- · Shipped multiple Purion™ high current and high energy implanters to a leading memory device manufacturer located in Asia.

President and CEO Mary Puma commented, "Axcelis delivered very strong third quarter financial performance driven by record implant systems revenue and solid gross margins. The mature and specialty markets, especially the implant-intensive power device segment, are generating significant market expansion. Axcelis is capitalizing on the strength of these segments with market leading Purion product extensions specifically designed to meet these customers' requirements. The Company is well positioned for long-term, sustainable growth."

Business Outlook

For the fourth quarter ending December 31, 2021, Axcelis expects revenues to be approximately \$190 million. Gross margin in the fourth quarter is expected to be approximately 41.5%. Fourth quarter operating profit is forecasted to be approximately \$37 million with earnings per diluted share of approximately \$0.84. The Company also expects to exceed \$640 million in revenue for the full year 2021.



News Release

Third Quarter 2021 Conference Call

The Company will host a call to discuss the results for the third quarter on Thursday, November 4, 2021 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: 4426677. 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 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.



News Release

Company 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,			
	 2021		2020		2021		2020
Revenue:							
Product	\$ 169,151	\$	104,799	\$	435,916	\$	334,126
Services	 7,543		5,606		20,828		18,235
Total revenue	 176,694		110,405		456,744		352,361
Cost of revenue:							
Product	93,201		56,427		240,223		189,118
Services	 6,981		5,817		19,560		17,634
Total cost of revenue	 100,182		62,244		259,783		206,752
Gross profit	76,512		48,161		196,961		145,609
Operating expenses:							
Research and development	16,707		14,867		49,015		45,513
Sales and marketing	11,415		9,763		33,979		27,404
General and administrative	 11,996		9,649		33,226		28,726
Total operating expenses	 40,118		34,279		116,220		101,643
Income from operations	36,394		13,882		80,741		43,966
Other (expense) income:							
Interest income	51		106		124		658
Interest expense	(1,269)		(1,296)		(3,572)		(3,898)
Other, net	 (963)		900		(2,131)		701
Total other expense	 (2,181)		(290)		(5,579)		(2,539)
Income before income taxes	34,213		13,592		75,162		41,427
Income tax provision	 6,698		2,807		12,261		6,119
Net income	\$ 27,515	\$	10,785	\$	62,901	\$	35,308
Net income per share:	 						
Basic	\$ 0.82	\$	0.32	\$	1.87	\$	1.06
Diluted	\$ 0.81	\$	0.32	\$	1.83	\$	1.04
Shares used in computing net income per share:	 						
Basic weighted average common shares	33,537		33,477		33,643		33,159
Diluted weighted average common shares	 34,089		34,174		34,339		34,070
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Axcelis Technologies, Inc. Consolidated Balance Sheets (In thousands, except per share amounts) (Unaudited)

	September 30, 2021		December 31, 2020	
ASSETS				
Current assets:				
Cash and cash equivalents	\$	271,085	\$	203,479
Accounts receivable, net		78,257		86,865
Inventories, net		196,812		161,076
Prepaid expenses and other current assets		23,990		19,371
Total current assets		570,144		470,791
Property, plant and equipment, net		32,921		29,840
Operating lease assets		8,106		4,542
Finance lease assets, net		19,563		20,544
Long-term restricted cash		756		753
Deferred income taxes		44,206		57,851
Other assets		35,282		40,303
Total assets	\$	710,978	\$	624,624
LIABILITIES AND STOCKHOLDERS' EQUITY				
Current liabilities:				
Accounts payable	\$	35,499	\$	24,013
Accrued compensation		23,548		24,562
Warranty		5,741		4,280
Income taxes		623		654
Deferred revenue		54,502		21,221
Current portion of finance lease obligation		921		756
Other current liabilities		16,361		8,945
Total current liabilities	, <u> </u>	137,195		84,431
Long-term finance lease obligation		46,672		47,393
Long-term deferred revenue		3,738		1,837
Other long-term liabilities		11,694		9,361
Total liabilities		199,299		143,022
Stockholders' equity:				
Common stock, \$0.001 par value, 75,000 shares authorized; 33,406 shares issued and outstanding at				
September 30, 2021; 33,633 shares issued and outstanding at December 31, 2020		33		34
Additional paid-in capital		559,913		570,102
Accumulated deficit		(50,017)		(91,969)
Accumulated other comprehensive income		1,750		3,435
Total stockholders' equity		511,679		481,602
Total liabilities and stockholders' equity	\$	710,978	\$	624,624