

AXCELIS TECHNOLOGIES INC

Form 10-Q

May 04, 2012

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**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM 10-Q**

(Mark One)

**QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the quarterly period ended March 31, 2012

or

**TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from            to

Commission file number 000-30941

# AXCELIS TECHNOLOGIES, INC.

(Exact name of registrant as specified in its charter)

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

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

**108 Cherry Hill Drive**

**Beverly, Massachusetts 01915**

(Address of principal executive offices, including zip code)

**(978) 787-4000**

(Registrant's telephone number, including area code)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes  No .

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes  No .

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer

Accelerated filer

Non-accelerated filer   
(Do not check if a smaller reporting company)

Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act) Yes  No

As of April 30, 2012 there were 107,618,138 shares of the registrant's common stock outstanding.



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**Axcelis Technologies, Inc.**  
**Consolidated Statements of Operations**

(In thousands, except per share amounts)

(Unaudited)

	Three months ended March 31,	
	2012	2011
Revenue		
Product	\$ 47,538	\$ 86,603
Service	7,468	6,567
Total revenue	55,006	93,170
Cost of revenue		
Product	29,284	56,873
Service	5,186	5,216
Total cost of revenue	34,470	62,089
Gross profit	20,536	31,081
Operating expenses		
Research and development	11,669	11,818
Sales and marketing	6,583	7,819
General and administrative	7,799	9,055
Restructuring charges	2,881	
Total operating expenses	28,932	28,692
Income (loss) from operations	(8,396)	2,389
Other income (expense)		
Interest income	9	6
Other, net	(924)	(450)
Total other expense	(915)	(444)
Income (loss) before income taxes	(9,311)	1,945
Income taxes	717	133
Net income (loss)	\$ (10,028)	\$ 1,812
Net income (loss) per share		
Basic and diluted net income (loss) per share	\$ (0.09)	\$ 0.02

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Shares used in computing basic and diluted net income (loss) per share

Basic weighted average common shares	107,067	105,936
Diluted weighted average common shares	107,067	110,791

See accompanying Notes to these Consolidated Financial Statements

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**Axcelis Technologies, Inc.**  
**Consolidated Statements of Comprehensive Income**

(In thousands)

(Unaudited)

	Three months ended March 31,	
	2012	2011
Net income (loss)	\$ (10,028)	\$ 1,812
Other comprehensive income:		
Foreign currency translation adjustments	56	1,325
Comprehensive income (loss)	\$ (9,972)	\$ 3,137

See accompanying Notes to these Consolidated Financial Statements

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**Axcelis Technologies, Inc.**  
**Consolidated Balance Sheets**

(In thousands)

(Unaudited)

	March 31, 2012	December 31, 2011
<b>ASSETS</b>		
Current assets		
Cash and cash equivalents	\$ 37,218	\$ 46,877
Accounts receivable, net	30,464	35,071
Inventories, net	128,719	120,023
Prepaid expenses and other current assets	10,532	10,062
Total current assets	206,933	212,033
Property, plant and equipment, net	36,507	37,204
Long-term restricted cash	107	104
Other assets	12,263	19,904
Total assets	\$ 255,810	\$ 269,245
<b>LIABILITIES AND STOCKHOLDERS EQUITY</b>		
Current liabilities		
Accounts payable	\$ 17,861	\$ 19,551
Accrued compensation	9,087	8,285
Warranty	3,110	3,556
Income taxes	576	495
Deferred revenue	7,216	10,786
Other current liabilities	4,298	4,799
Total current liabilities	42,148	47,472
Long-term deferred revenue	1,241	1,488
Other long-term liabilities	6,000	5,730
Total liabilities	49,389	54,690
Commitments and contingencies (Note 10)		
Stockholders' equity		
Preferred stock		
Common stock	108	107
Additional paid-in capital	501,169	499,332
Treasury stock	(1,218)	(1,218)
Accumulated deficit	(298,471)	(288,443)
Accumulated other comprehensive income	4,833	4,777
Total stockholders' equity	206,421	214,555
Total liabilities and stockholders' equity	\$ 255,810	\$ 269,245

See accompanying Notes to these Consolidated Financial Statements





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**Axcelis Technologies, Inc.**  
**Consolidated Statements of Cash Flows**

(In thousands)

(Unaudited)

	Three months ended March 31,	
	2012	2011
<b>Cash flows from operating activities:</b>		
Net income (loss)	\$ (10,028)	\$ 1,812
Adjustments to reconcile net income (loss) to net cash used for operating activities:		
Depreciation and amortization	1,896	1,882
Deferred taxes	378	33
Stock-based compensation expense	1,082	1,222
Provision for excess inventory	248	246
Changes in operating assets & liabilities:		
Accounts receivable	4,810	8,245
Inventories	(8,277)	(13,350)
Prepaid expenses and other current assets	(385)	4,404
Accounts payable & other current liabilities	(2,162)	3,168
Deferred revenue	(3,818)	(2,996)
Income taxes	76	3
Other assets and liabilities	6,483	(5,875)
Net cash used for operating activities	(9,697)	(1,206)
<b>Cash flows from investing activities:</b>		
Expenditures for property, plant, and equipment	(141)	(610)
Increase in restricted cash	(3)	(6)
Net cash used for investing activities	(144)	(616)
<b>Cash flows from financing activities:</b>		
Proceeds from exercise of stock options	802	197
Proceeds from Employee Stock Purchase Plan	175	239
Net cash provided by financing activities	977	436
Effect of exchange rate changes on cash	(795)	425
Net decrease in cash and cash equivalents	(9,659)	(961)
Cash and cash equivalents at beginning of period	46,877	45,743
Cash and cash equivalents at end of period	\$ 37,218	\$ 44,782

See accompanying Notes to these Consolidated Financial Statements

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**Axcelis Technologies, Inc.**

**Notes To Consolidated Financial Statements (Unaudited)**

**Note 1. Nature of Business and Basis of Presentation**

Axcelis Technologies, Inc. ( Axcelis or the Company ), is a worldwide producer of ion implantation, dry strip and other processing equipment used in the fabrication of semiconductor chips in the United States, Europe and Asia. In addition, the Company provides extensive aftermarket service and support, including spare parts, equipment upgrades, and maintenance services to the semiconductor industry.

The accompanying unaudited consolidated financial statements have been prepared in accordance with U.S. generally accepted accounting principles for interim financial information and with the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by generally accepted accounting principles for complete financial statements. In the opinion of management, all adjustments which are of a normal recurring nature and considered necessary for a fair presentation of these financial statements, have been included. Operating results for the interim periods presented are not necessarily indicative of the results that may be expected for other interim periods or for the year as a whole.

The balance sheet at December 31, 2011 has been derived from the audited financial statements at that date but does not include all of the information and footnotes required by generally accepted accounting principles for complete financial statements. For further information, refer to the consolidated financial statements and footnotes thereto included in Axcelis Technologies, Inc.'s Annual Report on Form 10-K for the year ended December 31, 2011.

**Note 2. Stock-Based Compensation**

The Company maintains the Axcelis Technologies, Inc. 2000 Stock Plan (the 2000 Plan ), a stock award and incentive plan which permits the issuance of options, restricted stock, restricted stock units and performance awards to selected employees, directors and consultants of the Company. The Company also maintains the Axcelis Technologies, Inc. Employee Stock Purchase Plan (the ESPP ), an Internal Revenue Code Section 423 plan. The 2000 Plan and the ESPP are more fully described in Note 12 to the consolidated financial statements in the Company's 2011 Annual Report on Form 10-K.

The Company recognized stock-based compensation expense of \$1.1 million and \$1.2 million for the three months ended March 31, 2012 and 2011, respectively. These amounts include compensation expense related to restricted stock units, non-qualified stock options and stock expected to be issued under the ESPP.



Table of Contents**Note 3. Net Income (Loss) Per Share**

Basic earnings per share is computed by dividing income available to common stockholders (the numerator) by the weighted-average number of common shares outstanding (the denominator) for the period. The computation of diluted earnings per share is similar to basic earnings per share, except that the denominator is increased to include incremental common shares that would have been outstanding if the potentially dilutive common shares had been issued. Because the Company had net losses for the three-month period ended March 31, 2012, any potentially diluted common shares related to outstanding stock options and restricted stock units have been excluded from the calculation of net loss per share for that period because the effect would be anti-dilutive.

	Three months ended March 31,	
	2012	2011
	(in thousands, except per share data)	
Income (loss)	\$ (10,028)	\$ 1,812
Weighted average common shares outstanding used in computing basic net income (loss) per share	107,067	105,936
Incremental shares		4,855
Weighted average common shares outstanding used in computing diluted net income (loss) per share	107,067	110,791
Net income (loss) per share:		
Basic	\$ (0.09)	\$ 0.02
Diluted	\$ (0.09)	\$ 0.02

**Note 4. Inventories**

The components of inventories are as follows:

	March 31, 2012	December 31, 2011
	(in thousands)	
Raw materials	\$ 86,561	\$ 85,829
Work in process	27,401	25,639
Finished goods (completed systems)	14,757	8,555
	\$ 128,719	\$ 120,023

When recorded, reserves reduce the carrying value of inventories to their net realizable value. The Company establishes inventory reserves when conditions exist that indicate inventories may be in excess of anticipated demand or is obsolete based upon assumptions about future demand for the Company's products or market conditions. The Company regularly evaluates the ability to realize the value of inventories based on a combination of factors including: forecasted sales or usage, estimated product end-of-life dates, estimated current and future market value and

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new product introductions. Purchasing and usage alternatives are also explored to mitigate inventory exposure. As of March 31, 2012 and December 31, 2011, inventories are stated net of inventory reserves of \$23.8 million and \$22.8 million, respectively.

Table of Contents**Note 5. Restructuring Charges**

In the three months ended March 31, 2012, the Company implemented a reduction in force related to planned actions taken by management to control costs and improve the focus of its operations in order to sustain future profitability and conserve cash. This reduction in force resulted in a total charge to restructuring expense of \$2.9 million related to severance and related costs for the three months ended March 31, 2012. Total expense related to this action is expected to be approximately \$3.3 million, the remainder of which will be incurred in the second quarter of 2012. The accrual at March 31, 2012 of \$1.0 million is expected to be paid in the periods extending through the remainder of 2012.

Changes in the Company's restructuring liability, which consists primarily of severance and related costs, included in amounts reported as other current liabilities, were as follows:

	(in thousands)	
Balance at December 31, 2011	\$	171
Severance and related costs		2,881
Cash payments		(1,724)
Noncash payments (accelerated vesting of certain stock options)		(279)
Balance at March 31, 2012	\$	1,049

**Note 6. Product Warranty**

The Company generally offers a one year warranty for all of its systems, the terms and conditions of which vary depending upon the product sold. For all systems sold, the Company accrues a liability for the estimated cost of standard warranty at the time of system shipment and defers the portion of systems revenue attributable to the fair value of non-standard warranty. Costs for non-standard warranty are expensed as incurred. Factors that affect the Company's warranty liability include the number of installed units, historical and anticipated product failure rates, material usage and service labor costs. The Company periodically assesses the adequacy of its recorded liability and adjusts the amount as necessary.

Changes in the Company's product warranty liability are as follows:

	Three months ended March 31,			
	2012	(in thousands)		2011
Balance at December 31	\$	3,697	\$	2,713
Warranties issued during the period		842		1,331
Settlements made during the period		(1,078)		(946)
Changes in estimate of liability for pre-existing warranties during the period		(225)		163
Balance at March 31	\$	3,236	\$	3,261
Amount classified as current	\$	3,110	\$	3,060
Amount classified as long-term		126		201
Total Warranty Liability	\$	3,236	\$	3,261





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**Note 7. Financial Arrangements**

**Bank Credit Facility**

On April 25, 2011, the Company amended its existing revolving credit facility with a bank. The amended agreement provides for borrowings up to \$30 million, based primarily on accounts receivable. The facility has certain financial covenants requiring the Company to maintain minimum levels of operating results and liquidity. The agreement will terminate on April 10, 2015. The Company uses the facility to support letters of credit and for short term borrowing as needed.

On March 5, 2012, the Company entered into a modification agreement relating to this facility which revised the covenants to set minimum quarterly ratios of current assets to current liabilities and minimum trailing six month adjusted net income to conform to the Company's current forecasts. The calculation of these covenants are set forth in the Amended and Restated Loan and Security Agreement dated as of April 25, 2011 filed as Exhibit 10.1 to the Company's report on Form 10-Q for the quarter ended March 31, 2011, as modified by the First Loan Modification Agreement dated as of December 27, 2011 filed as Exhibit 10.16 to the Company's report on Form 10-K for the year ended December 31, 2011 and by the Second Loan Modification Agreement dated as of March 5, 2012 filed as Exhibit 10.1 to this Form 10-Q.

At March 31, 2012 the Company's available borrowing capacity under the credit facility was \$20.0 million and the Company was compliant with all covenants of the loan agreement.

**Note 8. Income Taxes**

Income tax expense relates principally to operating results of foreign entities in jurisdictions, primarily in Europe and Asia, where the Company earns taxable income. The Company has significant net operating losses in the United States and certain jurisdictions and, as a result, does not pay significant income taxes in those jurisdictions. In the first quarter of 2012, the Company recorded a non-cash tax expense of \$0.4 million related to a write-off of a deferred tax asset in one of its European jurisdictions.

**Note 9. Significant Customers**

For the three months ended March 31, 2012, two customers accounted for approximately 24.6% and 14.4% of consolidated revenue. For the three months ended March 31, 2011, three customers accounted for approximately 19.2%, 14.6% and 12.2% of consolidated revenue.

At March 31, 2012, one customer accounted for 19.0% of consolidated accounts receivable. At March 31, 2011, two customers accounted for 15.8% and 10.9% of consolidated accounts receivable.

**Note 10. Contingencies**

**Litigation**

The Company is, from time to time, a party to litigation that arises in the normal course of its business operations. The Company is not presently a party to any litigation that it believes might have a material adverse effect on its business operations.

**Indemnifications**

The Company's system sales agreements typically include provisions under which the Company agrees to defend its customers against third-party claims of intellectual property infringement under specified conditions and to indemnify customers against any damage and costs awarded in connection with such claims. The Company has not incurred any material costs as a result of such indemnifications and has not accrued any liabilities related to such obligations in the accompanying consolidated financial statements.

**Note 11. New Accounting Guidance Recently Adopted - Comprehensive Income**

Effective January 1, 2012 the Company adopted Accounting Standards Update, or ASU, No. 2011-05, *Comprehensive Income (Topic 220)*. This newly issued accounting standard requires the Company to report comprehensive income either in a single continuous statement or in two separate but consecutive financial statements. As this update only required enhanced disclosure, the adoption of this update did not impact our financial position or results of operations.

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**Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations.**

Certain statements in Management's Discussion and Analysis of Financial Condition and Results of Operations and elsewhere in this Form 10-Q are forward-looking statements that involve risks and uncertainties. Words such as may, will, should, would, anticipates, expects, intends, plans, believes, seeks, estimates and similar expressions identify such forward-looking statements. The forward-looking statements contained herein are based on current expectations and entail various risks and uncertainties that could cause actual results to differ materially from those expressed in such forward-looking statements. Factors that might cause such a difference include, among other things, those set forth or referred to under Liquidity and Capital Resources and Risk Factors and others discussed elsewhere in this Form 10-Q. Readers are cautioned not to place undue reliance on these forward-looking statements, which reflect management's analysis only as of the date hereof. We assume no obligation to update these forward-looking statements to reflect actual results or changes in factors or assumptions affecting forward-looking statements, except as may be required by law.

**Overview**

The semiconductor capital equipment industry is subject to significant cyclical swings in capital spending by semiconductor manufacturers. Capital spending is influenced by demand for semiconductors and the products using them, the utilization rate and capacity of existing semiconductor manufacturing facilities and changes in semiconductor technology, all of which are outside of our control. As a result, our revenue and gross margins fluctuate from year to year and period to period. Our operating expense base is largely fixed and does not vary significantly with changes in volume. Therefore, we experience fluctuations in operating results and cash flows depending on our revenue as driven by the level of capital expenditures by semiconductor manufacturers.

The sizable expense of building, upgrading or expanding a semiconductor fabrication facility is increasingly causing semiconductor companies to contract with foundries to manufacture their semiconductors. In addition, consolidation and partnering within the semiconductor manufacturing industry is increasing.

The market for our products steadily improved during the first half of 2011, but during the second half of 2011, deterioration within the industry environment decreased our revenues as compared with the first half of the year. In addition, we had delays in key penetrations in the second half of 2011. These delays were a function of poor market conditions and prioritization of our product development activities. However, in 2011 we continued to penetrate new customers with our Optima implant products which we expect will lead to additional future sales. In 2011 we also gained market share with our Integra dry strip products. Weak industry conditions continued during the first quarter of 2012 resulting in a further decline in our revenues as compared with the prior quarter. Although future market conditions are difficult to predict, we anticipate our business will see growth and improving financial results in 2012.

Operating results for the periods presented are not necessarily indicative of the results that may be expected for future interim periods or years as a whole.

**Critical Accounting Estimates**

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Management's discussion and analysis of our financial condition and results of operations are based upon Axcelis' consolidated financial statements, which have been prepared in accordance with accounting principles generally accepted in the United States. The preparation of these financial statements requires management to make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses, and related disclosure of contingent assets and liabilities. On an on-going basis, we evaluate our estimates, including those related to revenue recognition, income taxes, accounts receivable, inventory and warranty obligations. Management's estimates are based on historical experience and on various other assumptions that are believed to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions.

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Management has not identified any need to make any material change in, and has not changed, any of our critical accounting estimates and judgments as described in Management's Discussion and Analysis of Financial Conditions and Results of Operations included in our Annual Report on Form 10-K for the year ended December 31, 2011.

**Results of Operations**

The following table sets forth our results of operations as a percentage of revenue for the periods indicated:

**Axcelis Technologies, Inc.**  
**Consolidated Statements of Operations**  
**Percentage of Revenue**

(Unaudited)

	Three months ended March 31,	
	2012	2011
Revenue		
Product	86.4%	93.0%
Service	13.6	7.0
Total revenue	100.0	100.0
Cost of revenue		
Product	53.2	61.0
Service	9.5	5.6
Total cost of revenue	62.7	66.6
Gross profit	37.3	33.4
Operating expenses		
Research and development	21.2	12.7
Sales and marketing	12.0	8.4
General and administrative	14.2	9.7
Restructuring charges	5.2	
Total operating expenses	52.6	30.8
Income (loss) from operations	(15.3)	2.6
Other income (expense)		
Other, net	(1.6)	(0.5)
Total other expense	(1.6)	(0.5)
Income (loss) before income taxes	(16.9)	2.1
Income taxes	1.3	0.1
Net income (loss)	(18.2)%	2.0%



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**Three months ended March 31, 2012 in comparison to the three months ended March 31, 2011**

**Revenue**

*Product*

Product revenue, which includes systems sales, sales of spare parts and product upgrades, was \$47.5 million or 86.4% of revenue for the three months ended March 31, 2012, compared with \$86.6 million, or 93.0% of revenue for the three months ended March 31, 2011. The decrease in product revenue in the three-month period ended March 31, 2012 is attributable to the weakening of the semiconductor market and a related decrease in capital spending by semiconductor manufacturers.

A portion of our revenue from system sales is deferred until installation and other services related to future deliverables are performed. The total amount of deferred revenue at March 31, 2012 and 2011 was \$8.5 million and \$13.3 million, respectively. The decrease was mainly due to the decline in systems sales during the second half of 2011 and the first quarter of 2012.

*Service*

Service revenue, which includes the labor component of maintenance and service contracts and fees for service hours provided by on-site service personnel, was \$7.5 million, or 13.6% of revenue for the three months ended March 31, 2012, compared with \$6.6 million, or 7.0% of revenue, for the three months ended March 31, 2011. Service revenue is affected by the expansion of the installed base of off-warranty systems and can fluctuate from period to period based on capacity utilization at customers' manufacturing facilities. The increase in service revenue for the three months ended March 31, 2012 compared to the comparable period one year ago was due to a higher service value component for supporting service contracts and time and material engagements.

**Revenue Categories used by Management**

As an alternative to the line item revenue categories discussed above, management also uses revenue categorizations which look at revenue by product line (the most significant of which is ion implant) and by aftermarket, as described below.

*Ion Implant*

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Included in total revenue of \$55.0 million is revenue from sales of ion implantation products and service which accounted for \$40.4 million, or 73.5% of total revenue in the three months ended March 31, 2012, compared with \$64.4 million, or 69.3%, of total revenue for the three months ended March 31, 2011. The dollar decrease was due to the factors discussed above for product revenues.

### *Aftermarket*

The Company's product revenues include sales of spare parts and product upgrades as well as complete systems. We refer to the business of selling spare parts and product upgrades, combined with the sale of maintenance labor and service contracts and service hours, as the aftermarket business. Included in total revenue of \$55.0 million is revenue from our aftermarket business of \$32.1 million for the three months ended March 31, 2012, compared to \$38.3 million for the three months ended March 31, 2011. Aftermarket revenue generally increases with expansion of the installed base of systems but can fluctuate period to period based on capacity utilization at customers' manufacturing facilities which affects the sale of spare parts and demand for equipment service. The decrease of \$6.2 million in aftermarket revenue for the three months ended March 31, 2012 compared to March 31, 2011 was primarily due to a 21.1% decrease in spare parts and upgrade revenue which is directly related lower tool utilization at our customers' fabrication facilities and decreased upgrade installations which allow our customers to maximize the technological and throughput capabilities of our tools.



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**Gross Profit**

*Product*

Gross profit from product revenue was 38.4% for the three months ended March 31, 2012, compared to gross profit of 34.3% for the three months ended March 31, 2011. The increase in gross profit of 4.1 percentage points is due to a 10.1 percentage point increase in gross profit resulting from the favorable impact of an increased mix of parts and upgrade revenue at higher margins, offset by lower systems sales volumes which reduced gross profit by 6.0 percentage points.

*Service*

Gross profit from service revenue was 30.6% for the three months ended March 31, 2012, compared to 20.6% for the three months ended March 31, 2011. The increase in gross profit is attributable to higher volumes and the favorable absorption of fixed service costs.

**Research and Development**

Research and development expense was \$11.7 million in the three months ended March 31, 2012, a decrease of \$0.1 million, or 0.8%, compared with \$11.8 million in the three months ended March 31, 2011. The net decrease was due to slight increased payroll costs (\$0.1 million) offset by decreased project material and consulting (\$0.2 million).

**Sales and Marketing**

Sales and marketing expense was \$6.6 million in the three months ended March 31, 2012, a decrease of \$1.2 million, or 15.4%, compared with \$7.8 million for the three months ended March 31, 2011. The decrease was due to decreased payroll costs (\$0.5 million) and decreased commission expense (\$0.6 million) due to lower systems sales volume.

**General and Administrative**

General and administrative expense was \$7.8 million for the three months ended March 31, 2012, a decrease of \$1.3 million, or 14.3%, compared with \$9.1 million in the three months ended March 31, 2011. The decrease was due to lower compensation expense (\$1.0 million), a majority of which was associated with the retirement of a former executive of the Company in March of 2011, and decreased other miscellaneous expenses (\$0.3 million).

### **Restructuring Charges**

In the three months ended March 31, 2012, the Company implemented a reduction in force related to planned actions taken by management to control costs and improve the focus of its operations in order to sustain future profitability and conserve cash. This reduction in force resulted in a total charge to restructuring expense of \$2.9 million related to severance and related costs for the three months ended March 31, 2012. Total expense related to this action is expected to be approximately \$3.3 million, the remainder of which will be incurred in the second quarter of 2012.

### **Other Income (Expense)**

Other income (expense) was \$0.9 million for three months ended March 31, 2012 compared to \$0.4 million for the three months ended March 31, 2011. Other income (expense) for both periods primarily consisted of foreign exchange losses attributed to fluctuations of the U.S. dollar against the local currencies of certain of the countries in which we operate and bank fees associated with maintaining our credit facility.

### **Income Taxes**

We incur income tax expense relating principally to operating results of foreign entities in Europe and Asia, where we earn taxable income. We have significant net operating loss carryforwards in the United States and certain European tax jurisdictions, and, as a result, we do not currently pay significant income taxes in those jurisdictions. Additionally we do not recognize the tax benefit for losses in the United States and certain European tax jurisdictions. In the first quarter of 2012, we recorded a non-cash tax expense of \$0.4 million related to a write-off of a deferred tax asset in one of our European jurisdictions.

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**Liquidity and Capital Resources**

We believe that based on our current market, revenue, expense and cash flow forecasts, our existing cash and cash equivalents will be sufficient to satisfy our anticipated cash requirements in the short and long-term. Our liquidity is affected by many factors. Some of these factors relate specifically to the operations of our business, for example, the rate of sale of our Optima and Integra products, and others relate to the uncertainties of global economies, including the availability of credit and the condition of the overall semiconductor equipment industry.

During the three months ended March 31, 2012, \$9.7 million of cash was used, in line with the Company's 2012 plan, to support operating activities, including increased levels of inventories in anticipation of future period system sales. Cash and cash equivalents at March 31, 2012 were \$37.2 million, compared to \$46.9 million at December 31, 2011. In the event that demand for Axcelis' products declines in future periods, the Company believes it can align manufacturing and operating spending levels to the changing business conditions and provide sufficient liquidity to support operations.

On April 25, 2011, the Company amended its existing revolving credit facility with a bank. The amended agreement provides for borrowings up to \$30 million based primarily on accounts receivable. The facility has certain financial covenants requiring us to maintain minimum levels of operating results and liquidity. The agreement will terminate on April 10, 2015. The Company uses the facility to support letters of credit and for short term borrowing as needed.

On March 5, 2012, the Company entered into a modification agreement relating to this facility which revised the covenants to set minimum quarterly ratios of current assets to current liabilities and minimum trailing six month adjusted net income to conform to the Company's current forecasts. The calculation of these covenants are set forth in the Amended and Restated Loan and Security Agreement dated as of April 25, 2011 filed as Exhibit 10.1 to the Company's report on Form 10-Q for the quarter ended March 31, 2011, as modified by the First Loan Modification Agreement dated as of December 27, 2011 filed as Exhibit 10.16 to the Company's report on Form 10-K for the year ended December 31, 2011 and by the Second Loan Modification Agreement dated as of March 5, 2012 filed as Exhibit 10.1 to this Form 10-Q.

At March 31, 2012 the Company's available borrowing capacity under the credit facility was \$20.0 million and the Company was compliant with all covenants of the loan agreement.

**Commitments and Contingencies**

Significant commitments and contingencies at March 31, 2012 are consistent with those discussed in Item 7, Management's Discussion and Analysis of Financial Condition and Results of Operations, and Note 14 to the consolidated financial statements in our Annual Report on Form 10-K for the fiscal year ended December 31, 2011.

**Item 3. Quantitative and Qualitative Disclosures about Market Risk.**

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As of March 31, 2012, there have been no material changes to the quantitative information about market risk disclosed in Item 7A to our annual report Form 10-K for the year ended December 31, 2011.

### **Item 4. Controls and Procedures.**

#### **Evaluation of Disclosure Controls and Procedures**

Our management, with the participation of our principal executive officer and principal financial officer, has evaluated the effectiveness of our disclosure controls and procedures (as defined in Rule 13a-15(e) under the Securities Exchange Act of 1934, as amended (the Exchange Act)) as of the end of the period covered by this report (the Evaluation Date). Based on this evaluation, our principal executive officer and principal financial officer concluded that, as of the Evaluation Date, these disclosure controls and procedures are effective.

#### **Changes in Internal Control over Financial Reporting**

There was no change in our internal control over financial reporting (as defined in Rule 13a-15(f) under the Exchange Act) identified in connection with the evaluation of our internal control that occurred during the first quarter of 2012 that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

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**PART II OTHER INFORMATION**

**Item 1. Legal Proceedings.**

The Company is not presently a party to any litigation that it believes might have a material adverse effect on its business operations. The Company is, from time to time, a party to litigation that arises in the normal course of its business operations.

**Item 1A. Risk Factors.**

As of March 31, 2012, there have been no material changes to the risk factors described in Item 1A to our annual report on Form 10-K for the year ended December 31, 2011.

**Item 2. Unregistered Sales of Equity Securities and Use of Proceeds.**

None.

**Item 3. Defaults Upon Senior Securities.**

None.

**Item 4. Mine Safety Disclosures**

Not Applicable.

**Item 5. Other Information.**

None.



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**Item 6. Exhibits.**

The following exhibits are filed herewith:

<b>Exhibit No</b>	<b>Description</b>
3.1	Amended and Restated Certificate of Incorporation of the Company adopted May 6, 2009. Incorporated by reference to Exhibit 3.1 of the Company's Current Report on Form 8-K filed with the Commission on May 11, 2009.
3.2	Bylaws of the Company, as amended as of August 8, 2007. Incorporated by reference to Exhibit 3.2 of the Company's Form 10-Q for the quarterly period ended June 30, 2007, filed with the Commission on August 9, 2007.
10.1	Second Loan Modification Agreement dated as of March 5, 2012 between the Company and Axcelis Technologies CCS Corporation, as borrowers, and Silicon Valley Bank. Filed herewith.
10.2	Executive Retirement Agreement between the Company and Matthew P. Flynn, dated February 10, 2012. Incorporated by reference to Exhibit 10.1 of the Company's Current report on Form 8-K filed with the Commission on February 24, 2012.
31.1	Certification of the Principal Executive Officer under Exchange Act Rule 13a-14(a)/15d-14(a) (Section 302 of the Sarbanes-Oxley Act), dated May 4, 2012. Filed herewith.
31.2	Certification of the Principal Financial Officer under Exchange Act Rule 13a-14(a)/15d-14(a) (Section 302 of the Sarbanes-Oxley Act), dated May 4, 2012. Filed herewith.
32.1	Certification of the Principal Executive Officer pursuant to Section 1350 of Chapter 63 of title 18 of the United States Code (Section 906 of the Sarbanes-Oxley Act), dated May 4, 2012. Filed herewith.
32.2	Certification of the Principal Financial Officer pursuant to Section 1350 of Chapter 63 of title 18 of the United States Code (Section 906 of the Sarbanes-Oxley Act), dated May 4, 2012. Filed herewith.
101	The following materials from the Company's Form 10-Q for the quarter ended March 31, 2012, formatted in eXtensible Business Reporting Language (XBRL): (i) Consolidated Statements of Operations, (ii) Consolidated Statements of Comprehensive Income, (iii) Consolidated Balance Sheets, (iv) Consolidated Statements of Cash Flows and (v) Notes to Consolidated Financial Statements (Unaudited).

Exhibit 101 includes:

101.INS	XBRL Instance Document. Filed herewith.
101.SCH	XBRL Taxonomy Extension Schema Document. Filed herewith.
101.DEF	XBRL Taxonomy Definition Linkbase Document. Filed herewith.
101.CAL	XBRL Taxonomy Calculation Linkbase Document. Filed herewith.
101.LAB	XBRL Taxonomy Label Linkbase Document. Filed herewith.
101.PRE	XBRL Taxonomy Presentation Linkbase Document. Filed herewith.

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**SIGNATURES**

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, thereunto duly authorized.

DATED: May 4, 2012

AXCELIS TECHNOLOGIES, INC.

By: /s/ JAY ZAGER

Jay Zager

*Executive Vice President and Chief Financial Officer*

*Duly Authorized Officer and Principal Financial Officer*