

Axcelis Technologies Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

<https://marketpublishers.com/r/A55424BDC5BBEN.html>

Date: May 2025

Pages: 50

Price: US\$ 499.00 (Single User License)

ID: A55424BDC5BBEN

Abstracts

Axcelis Technologies Inc. Fundamental Company Report provides a complete overview of the company's affairs. All available data is presented in a comprehensive and easily accessed format. The report includes financial and SWOT information, industry analysis, opinions, estimates, plus annual and quarterly forecasts made by stock market experts. The report also enables direct comparison to be made between Axcelis Technologies Inc. and its competitors. This provides our Clients with a clear understanding of Axcelis Technologies Inc. position in the [Semiconductor](#) Industry.

The report contains detailed information about Axcelis Technologies Inc. that gives an unrivalled in-depth knowledge about internal business-environment of the company: data about the owners, senior executives, locations, subsidiaries, markets, products, and company history.

Another part of the report is a SWOT-analysis carried out for Axcelis Technologies Inc.. It involves specifying the objective of the company's business and identifies the different factors that are favorable and unfavorable to achieving that objective. SWOT-analysis helps to understand company's strengths, weaknesses, opportunities, and possible threats against it.

The Axcelis Technologies Inc. financial analysis covers the income statement and ratio trend-charts with balance sheets and cash flows presented on an annual and quarterly basis. The report outlines the main financial ratios pertaining to profitability, margin analysis, asset turnover, credit ratios, and

company's long-term solvency. This sort of company's information will assist and strengthen your company's decision-making processes.

In the part that describes Axcelis Technologies Inc. competitors and the industry in whole, the information about company's financial ratios is compared to those of its competitors and to the industry. The unique analysis of the market and company's competitors along with detailed information about the internal and external factors affecting the relevant industry will help to manage your business environment. Your company's business and sales activities will be boosted by gaining an insight into your competitors' businesses.

Also the report provides relevant news, an analysis of PR-activity, and stock price movements. The latter are correlated with pertinent news and press releases, and annual and quarterly forecasts are given by a variety of experts and market research firms. Such information creates your awareness about principal trends of Axcelis Technologies Inc. business.

About Axcelis Technologies Inc.

Axcelis Technologies, Inc. designs, manufactures, and services ion implantation, dry strip and other processing equipment used in the fabrication of semiconductor chips. The company has a non-exclusive cross license of patented and unpatented technology with SEN. Axcelis offers a complete line of high energy, high and medium implanters for all application requirements.

High Energy Implant: The company's single wafer tool for high energy applications, the Optima XE, was released in the 2007 and upgraded to the Optima XEx in 2009.

High Current Implant: The company introduced its single wafer Optima HD product (for high applications) in 2006, which was upgraded to the Optima HDx in 2009. The Optima HD also supports molecular and hydrogen implants for dual poly gate and silicon-on-insulator applications to improve device speed and performance.

Medium Current Implant: With the introduction of the Optima MD in 2005, Axcelis re-entered the medium market segment. The company refers to this product as 'mid dose' or 'MD' because it has energy and dose capabilities which extend beyond the traditional medium space into traditional high and high energy spaces.

Dry Strip

The company offers a full line of dry strip tools that cover the entire range of customer applications. The company's newest product, the Integra RS, was introduced in 2009. The Integra RS's unique multi-chamber design includes paired-chamber process modules that can run production recipes with the throughputs available for edge memory and logic devices.

Other Processing Systems

The company also provides aftermarket support for the installed base of thermal processing and photostabilization/curing systems manufactured by Axcelis.

Photostabilization/Curing Systems In some manufacturing processes, the photoresist stencil material spread on the wafer must be hardened or 'cured.' Axcelis' curing (also known as photostabilization) systems use proprietary ultraviolet light sources to cure the photoresist so the material maintains the desired pattern during the subsequent implant processes and etch steps.

Aftermarket Support and Services

The company offers its customers aftermarket service and support throughout the lifecycle of the equipment the company manufacture. There are approximately 4,000 of its products are in use in 50 countries worldwide. The service and support that the company provides include spare parts, equipment upgrades, and maintenance services. The company provides service out of 47 field offices to customers located in 29 countries.

The company offers Business-to-Business options to support its customers' parts management requirements. AMI (Axcelis Managed Inventory) provides the customer with full spares support through which Axcelis takes responsibility for the complete supply chain.

Sales and Marketing

The company has 16 sales offices in 10 countries. In the United States, the company conducts sales and marketing activities from seven locations. Outside of the United States, its sales offices are located in Taiwan, South Korea, China, Japan, Germany, Singapore, the Netherlands, France and Italy. In Japan, SEN Corporation has a non-

exclusive license to use certain patented and unpatented technology owned by the company.

Significant Events

As of March 30, 2009, the company also owned 50% of the equity of SEN Corporation, an SHI and Axcelis Company, or 'SEN,' a producer of ion implantation equipment in Japan. In February 2009, the company entered into an agreement to sell its shares in SEN, which closed on March 30, 2009.

Competition

Ion Implantation: In ion implantation, the company competes against Varian Semiconductor Equipment Associates, Inc., SEN Corporation, Nissin Electric Co., Ltd. and AIBT.

Dry Strip: The company's principal competitors in the dry strip product market are PSK, Inc., Mattson Technology Inc. and Novellus Systems, Inc.

History

Axcelis Technologies, Inc. was founded in 1995.

The above Company Fundamental Report is a half-ready report and contents are subject to change.

It means that we have all necessary data in our database to prepare the report but need **2-3 days** to complete it. During this time we are also updating the report with respect to the current moment. So, you can get all the most recent data available for the same price. Please note that preparation of additional types of analyses requires extra time.

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1 – Data availability depends on company's security policy.

2 – These sections are available only when you purchase a report with appropriate additional types of analyses.
The complete financial data is available for publicly traded companies.

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ANALYSIS FEATURES

SWOT Analysis

SWOT, which stands for Strengths, Weaknesses, Opportunities and Threats, is an analytical framework that identifies the internal and external factors that are favorable and unfavorable for a company.

Enhanced SWOT Analysis

Enhanced SWOT is a 3x3 grid that arranges strengths, weaknesses, opportunities and threats into one scheme:

How to use the strengths to take advantage of the opportunities?

How to use the strengths to reduce likelihood and impact of the threats?

How to overcome the weaknesses that obstruct taking advantage of the opportunities?

How to overcome the weaknesses that can make the threats a reality?

Upon answering these questions a company can develop a project plan to improve its business performance.

PESTEL Analysis

PESTEL (also termed as PESTLE) is an ideal tool to strategically analyze what influence different outside factors – political, economic, sociocultural, technological, environmental and legal – exert on a business to later chart its long term targets.

Being part of the external analysis when carrying out a strategic assessment or performing a market study, PESTEL gives an overview of diverse macro-environmental factors that any company should thoughtfully consider. By perceiving these outside environments, businesses can maximally benefit from the opportunities while minimizing the threats to the organization.

Key Factors Examined by PESTEL Analysis:

Political – What opportunities and pressures are brought by political bodies and what is the degree of public regulations' impact on the business?

Economic – What economic policies, trends and structures are expected to affect the organization, what is this influence's degree?

Sociological – What cultural and societal aspects will work upon the demand for the business's products and operations?

Technological – What impact do the technological aspects, innovations, incentives and barriers have on the organization?

Environmental – What environmental and ecological facets, both locally and farther afield, are likely to predetermine the business?

Legal – What laws and legislation will exert influence on the style the business is carried out?

IFE, EFE, IE Matrices

The Internal Factor Evaluation matrix (IFE matrix) is a strategic management tool helping audit or evaluate major weaknesses and strengths in a business's functional areas. In addition, IFE matrix serves as a basis for identifying and assessing relationships amongst those areas. The IFE matrix is utilised in strategy formulation.

The External Factor Evaluation matrix (EFE matrix) is a tool of strategic management that is typically utilised to assess current market conditions. It is an ideal instrument for visualising and prioritising the threats and opportunities a firm is facing.

The essential difference between the above mentioned matrices lies in the type of factors incorporated in the model; whilst the latter is engaged in internal factors, the former deals exceptionally with external factors – those exposed to social, political, economic, legal, etc. external forces.

Being a continuation of the EFE matrix and IFE matrix models, the Internal External matrix (IE matrix) rests upon an investigation of external and internal business factors

integrated into one suggestive model.

Porter Five Forces Analysis

The Porter's five forces analysis studies the industry of operation and helps the company find new sources of competitive advantage. The analysis surveys an industry through five major questions:

What composes a threat of substitute products and services?

Is there a threat of new competitors entering the market?

What is the intensity of competitive rivalry?

How big is the bargaining power of buyers?

How significant is the bargaining power of suppliers?

VRIO Analysis

VRIO stands for Value, Rarity, Imitability, Organization. This analysis helps to evaluate all company's resources and capabilities and bring them together into one aggregate table that includes:

Tangible resources

Financial

Physical

Technological

Organizational

Intangible resources

Human

Innovation and Creativity

Reputation

Organizational capabilities

The result of the analysis gives a clear picture of company's competitive and economic implications, answering the questions if the resources mentioned above are:

Valuable?

Rare?

Costly to imitate?

Organized properly?

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