

# ATMI Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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## Abstracts

ATMI 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 ATMI Inc. and its competitors. This provides our Clients with a clear understanding of ATMI Inc. position in the [Semiconductor](#) Industry.

The report contains detailed information about ATMI 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 ATMI 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 ATMI 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 ATMI 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 ATMI Inc. business.

## **About ATMI Inc.**

ATMI, Inc. supplies materials, materials packaging, and materials delivery systems used worldwide in the manufacture of microelectronics devices.

### **Products**

The company's products consist of 'front-end' semiconductor performance materials, sub-atmospheric pressure gas delivery systems for handling and delivery of toxic and hazardous gases to semiconductor process equipment, materials packaging and dispensing systems that allow for the introduction of low volatility liquids and solids to microelectronics and biopharmaceutical processes. It also focuses on developing manufacturing processes to meet the critical purity and integrity requirements of the microelectronics manufacturers.

### **Solutions**

The company serves and provides applications and analytical support services to three primary markets: integrated circuit (IC) fabrication (including ion implant and interconnect materials and delivery systems), flat-panel displays (including advanced high-purity materials packaging and dispensing systems), and the life sciences market.

## IC Fabrication

**Ion Implant Module:** The company's patented SDS solutions use a standard gas cylinder containing an adsorbent material. It has developed ion implants, such as SDS3 and AutoClean. Materials packaged in SDS systems include primarily arsine, phosphine, and boron trifluoride.

**Advanced Interconnect Solutions:** The company has developed various solutions for the advanced interconnect of IC fabrication.

**Surface Preparation:** The company's AP and ST brand wafer photoresist strip cleaning materials are proprietary chemistries used for applications, such as semiconductor post-etch residue removal, wafer etching, organics removal, negative resist removal, edge bead removal, and corrosion prevention. Its surface preparation solutions are being used in various copper IC fabrication plants (fabs) around the world for various surface preparation applications, such as post-CMP cleaning and pre-nitride deposition surface treatment.

**Copper Plating:** The company offers ViaForm copper materials used in copper ECD applications. ViaForm materials include inorganic and proprietary organic molecules that provide the backbone for copper interconnects. The ViaForm solution enables manufacturers to eliminate processing steps by applying two layers of copper in a single step known as dual damascene.

**Deposition:** The advanced interconnects also include several processes for depositing thin films such as CVD and atomic layer deposition (ALD) processes that are enabled by advanced liquid, gaseous and solid precursors. The company markets its UltraPur materials for pre-metal dielectric, dielectric and barrier applications.

The company has adopted the carbon adsorption technology used in SDS and introduced products for semiconductor deposition processes marketed under the SAGE brand. These applications include low-k plasma-enhanced deposition, or 'PE-CVD', processes using low-k materials, pre-metal dielectric high-density plasma, or 'HDP-CVD', and films using phosphine gases and thermal deposition processes using germane gases. The company has also introduced a silane product in a VAC package used in processes such as HDP-CVD, for improved safety.

**Materials Packaging:** The company's NOWPak liner technologies and container assemblies form the basis for its high-purity liquid materials packaging and dispensing

system product portfolio. For applications in IC fabrication, this product line includes the: Bag-in-a-Bottle and Bag-in-a-Drum container systems, each with its own companion dispense connection system. Each package features a pre-cleaned collapsible inner liner, or 'bag', inside a rugged, high-density polyethylene overpack.

### Flat-Panel Display Market

The company's NOWPak container assemblies also address the needs of the flat-panel display market through the Bag-in-a-Can product, which has its own companion dispense connection system and uses 10 to 200 liter containers.

### Life Sciences

The company addresses critical materials handling needs for the life sciences markets. Other markets for the company's proprietary high-purity materials handling and dispensing systems include

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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## 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?

## I would like to order

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