

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

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Abstracts

Ultratech, 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 Ultratech, Inc. and its competitors. This provides our Clients with a clear understanding of Ultratech, Inc. Inc. position in the <u>Semiconductor</u> Industry.

The report contains detailed information about Ultratech, 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 Ultratech, 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 Ultratech, 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 Ultratech, 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 Ultratech, Inc. business.

About Ultratech, Inc.

Ultratech, Inc. develops, manufactures, and markets photolithography and laser thermal processing equipment. The company supplies step-and-repeat photolithography systems based on one-to-one (1X) imaging technology to customers located throughout North America, Europe, Japan, Taiwan, and the rest of Asia.

Products

The company offers two different series of 1X lithography systems for use in the semiconductor fabrication process: the 1000 Family, which addresses the markets for high volume/low cost semiconductor fabrication and R&D packaging activities and nanotechnology applications; and the AP series, designed to meet the requirements in the advanced packaging market. These steppers offer minimum feature size capabilities ranging from 2.0 microns to 0.75 microns.

For the advanced packaging market, the company offers its AP series built on the Unity Platform. These advanced packaging systems were developed for high volume bump and wafer level chip scale packaging (WLCSP) manufacturing and post passivation lithography applications. They provide broadband or selective exposure (g, h or i-line), and are used in conjunction with downstream processes to produce a pattern of bumps,



or metal connections, on the bond pads of the die for flip chip devices.

The AP series, consisting of the AP300 and AP200, are built on its Unity Platform and feature a customer-configurable design that supports flexible manufacturing requirements, as well as tool extendibility for multiple device generations. The 1000 family is a small field system available with gh-line, i-line and broadband ghi-line illumination options. In semiconductor applications, the company offers the Star 100. This platform is typically used in the manufacture of power devices, ASICs, analog devices and compound semiconductors. In addition, this platform is suited for a number of nanotechnology applications.

The company offers the NanoTech systems, which utilize a platform based on the previous 1000 Series steppers, incorporating an optional dual side alignment (DSA) capability for applications requiring lithography on both sides of a wafer, to provide customers with a 1X stepper solution for this special processing requirement. The NanoTech steppers also have capabilities directed at TFH backend, or rowbar processing applications. These steppers are used to expose the air bearing surface (ABS) patterns on rowbars. In addition to selling new systems, the company sells upgrades to systems in its installed base and refurbished systems.

The company offers an advanced laser-based thermal annealing tool, the LSA100A, built on its Unity Platform. Thermal annealing is used by the semiconductor industry for various process steps, including activation of implanted impurities, dielectric film formation, formation of silicides and stabilization of copper grain structures. Annealing tools in use by manufacturers of semiconductor devices are furnaces and rapid thermal annealing, or rapid thermal processing (RTP), systems.

Customers

The company's products are used by the manufacturers of integrated circuits, including advanced packaging processes and various nanotechnology components, thin film head magnetic recording devices (thin film heads (TFHs)), optical networking devices, laser diodes, and high-brightness light emitting diodes (HBLEDs). Its major customers include Taiwan Semiconductor Manufacturing Co. Ltd.; Intel Corporation; and STATS ChipPAC Ltd.

Competition

The company's competitors include Suss Microtec AG; Dainippon Screen



Manufacturing Co., Ltd., Applied Materials, Inc.; and Mattson Technology, Inc.

History

Ultratech, Inc. was founded in 1979.

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 3×3 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.

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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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