

# Alpha & Omega Semiconductor, Ltd. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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# **Abstracts**

Alpha & Omega Semiconductor, Ltd. 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 Alpha & Omega Semiconductor, Ltd. and its competitors. This provides our Clients with a clear understanding of Alpha & Omega Semiconductor, Ltd. position in the <a href="Semiconductor">Semiconductor</a> Industry.

The report contains detailed information about Alpha & Omega Semiconductor, Ltd. 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 Alpha & Omega Semiconductor, Ltd.. 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 Alpha & Omega Semiconductor, Ltd. 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 Alpha & Omega Semiconductor, Ltd. 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 Alpha & Omega Semiconductor, Ltd. business.

#### About Alpha & Omega Semiconductor, Ltd.

Alpha and Omega Semiconductor Limited engages in the design, development, and supply of a range of power semiconductors worldwide. The company's portfolio of power semiconductors includes approximately 600 power discrete and power integrated circuit, or power IC, products.

The company's portfolio of products targets high-volume end-market applications, such as notebooks, netbooks, flat panel displays, mobile phone battery packs, set-top boxes, portable media players, and power supplies.

#### **Products**

The company, to serve the analog market for power semiconductors, has created a product portfolio consisting of two categories, power discretes and power ICs. The primary function of power MOSFETs is to deliver power, such as switching, transferring or converting electricity. The company also offers power ICs which, in addition to delivering power, control and regulate the sequence and rate of power management variables, such as the flow of and level of voltage.



#### Power Discrete Products

Power discretes are used across a voltage and spectrum, requiring them to operate under harsh conditions. The company markets general purpose MOSFETs that are used in multiple applications, as well as MOSFETs targeted for specific applications.

The company's power discrete product line includes trench MOSFETs, electrostatic discharge, protected MOSFETs and SRFETs. Its MOSFET product line is built on generations of MOSFET process technology platforms.

# Power IC products

In addition to the traditional monolithic, or single chip, design, the company employs a multi-chip approach for its power ICs.

#### Customers

The company developed direct relationships with original equipment manufactures (OEMs), most of which it serves through its distributors and original design manufactures (ODMs), and they include Dell Inc., Hewlett-Packard Company, LG Electronics, Inc., and Samsung Group. In addition, its power semiconductors are also incorporated into products sold to OEMs, including ASUSTeK Computers Inc.

Through its distributors, the company provides products to ODMs who are contract manufacturers for OEMs. Its ODM customers included Compal Electronics, Inc., Foxconn, Quanta Computer Incorporated, AOC International, and Wistron Corporation. As of June 30, 2010, the two distributors of the company's products are WPG Holdings Limited and Promate Co. Ltd.

#### Competition

The company's major competitors in power discretes include Advanced Power Electronics Corp., Diodes Incorporated, Fairchild Semiconductor International, Inc., Infineon Technologies AG, International Rectifier Corporation, Niko Semiconductor Co., Ltd., ON Semiconductors Corp., Renesas Technology Corp., STMicroelectronics N.V., Toshiba Corporation, and Vishay Intertechnology, Inc. Its major competitors for its power ICs include Anpec Electronics Corporation, Global Mixed-mode Technology Inc., Monolithic Power Systems, Inc., National Semiconductor Corporation, Richtek



Technology Corp., Semtech Corporation, Texas Instruments Incorporated, and Volterra Semiconductor Corporation.

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 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.



# 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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