

# Marvell Technology Group Ltd. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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# **Abstracts**

Marvell Technology Group 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 Marvell Technology Group Ltd. and its competitors. This provides our Clients with a clear understanding of Marvell Technology Group Ltd. position in the <u>Semiconductor</u> Industry.

The report contains detailed information about Marvell Technology Group 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 Marvell Technology Group 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 Marvell Technology Group 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 Marvell Technology Group 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 Marvell Technology Group Ltd. business.

#### About Marvell Technology Group Ltd.

Marvell Technology Group Ltd., a semiconductor company, engages in the design, development, and sale of integrated circuits. The company provides application-specific standard products. It is developing system-on-a-chip (SoC) devices using its portfolio of intellectual property in the areas of analog, mixed-signal, digital signal processing, and embedded ARM-based microprocessor integrated circuits.

The company's product portfolio includes devices for data storage, enterprise-class Ethernet data switching, Ethernet physical-layer transceivers (PHY), handheld cellular, Ethernet-based wireless networking, personal area networking, Ethernet-based PC connectivity, control plane communications controllers, video-image processing, and power management solutions. Its products serve applications used in carrier, metropolitan, enterprise, and PC-client data communications and storage systems. Additionally, the company serves the consumer electronics market for the convergence of voice, video, and data applications.

The company provides PHY wired and wireless Ethernet-switching solutions that enable the data transmission between communications systems to manufacturers of highspeed networking and wireless equipment, including Asustek Computer Inc., Cisco



Systems, Inc., Dell Inc., Hewlett Packard Company, Huawei Technologies Co., Ltd., Juniper Networks, Inc., Brocade Communication Systems, Inc., Intel Corporation, and NETGEAR, Inc.

#### **Products and Markets**

The company targets computers, communications-related equipment, and consumer devices that require integrated mixed-signal devices for high-speed data storage, transmission and management. It also targets a range of electronic products that can utilize its power management solutions. The company's product offerings are primarily targeted at three end markets: enterprise and infrastructure communications networks, the converged digital home, and converged mobility.

The company offers its customers in these markets a range of integrated circuit solutions using proprietary communications mixed-signal processing (CMSP) and digital signal processing technologies. The devices the company develops usually incorporate similar building blocks of intellectual property, including ARM-based CPUs, wired or wireless communication intellectual property, data switching fabrics, and a variety of peripheral interfaces.

#### Storage Products

The company offers a range of storage products targeted for hard disk drives, tape drive electronics, optical disk drives, solid-state flash drives, and storage subsystems technology. It offers both discrete components targeted at specific storage-class requirements, as well as complex SoC solutions, which integrate multiple functional blocks onto a single device.

Storage System-on-a-Chip: The company's integrated drive electronics platform is a flexible SoC solution. It provides Storage SoC solutions for enterprise, desktop, and mobile storage systems. The company's SoC products incorporate the read channel, hard disk controller (HDC), embedded memory, and one or more Marvell designed ARM-microprocessors into a single integrated circuit.

Read Channel: A read channel is a mixed-signal integrated circuit that provides the interface between the analog signals stored on magnetic disk drives and the digital signals that computers can understand and manipulate. Read channel performance is measured as a function of the signal-to-noise ratio (SNR). The higher the SNR value of a read channel circuit, the better the circuit is able to separate valid data from system



induced noise. The company's read channel devices utilize various signaling algorithms, including advanced partial response maximum likelihood (Advanced PMRL) or the low density parity check (LDPC) algorithm.

Hard Disk Controller: A HDC is an integrated circuit that provides input/output (I/O), interface control between the hard disk drive read channel, servo motor controller and the host system. The HDC consists of a buffer controller, multi-core ARM-based CPUs, a disk formatter and host bus interface. The company supports various host system interfaces, including serial advanced technol

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.

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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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