

Inphi Corporation Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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Abstracts

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

The report contains detailed information about Inphi Corporation 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 Inphi Corporation. 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 Inphi Corporation 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 Inphi Corporation 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 Inphi Corporation business.

About Inphi Corporation

Inphi Corporation operates as a fabless provider of analog semiconductor solutions for the communications and computing markets.

The company's analog semiconductor solutions provide signal integrity at data speeds. Its solutions provide an interface between analog signals and digital information in high-performance systems, such as telecommunications transport systems, enterprise networking equipment, datacenters and enterprise servers, storage platforms, test and measurement equipment, and military systems.

Products

As of December 31, 2009, the company had approximately 170 products across 17 product lines, including products that perform a range of functions, such as amplifying, encoding, multiplexing, demultiplexing, retiming and buffering data and clock signals at speeds of approximately 100 Gbps. These products are key enablers for servers, routers, switches, storage and other equipment that process, store and transport data traffic. Its products are also used in test and measurement equipment and military radar systems that capture and process high-speed and ultra broadband signals.

Clock and Data Recovery (CDR): It recovers the clock from high-speed signals; used to retime the signal prior to re-transmitting to ensure the highest signal integrity.

Clock fanout: It provides replication and buffering of high-speed clock signals.

Demultiplexer (DEMUX): It de-serializes a high-speed data stream to multiple lower speed data streams for further signal processing.

D Flip Flops: It retimes the input signal to deliver optimal signal integrity.

Differential Amplifiers: It amplifies differential signals and drives high-speed analog-to-digital converters.

Differential Encoders: It provides differential encoding function for Differential Phase Shift Keying (DPSK) transmission.

Isolation Memory Buffer (iMB): It provides critical high-speed interface between CPU and memory.

Latched Comparator: It is used as a high-speed 1-bit analog-to-digital converter.

Logic Gates: It is a standard AND, OR, XOR logic gates used as general-purpose building blocks for high-speed data processing.

Modulator Driver: It amplifies a small signal to 8V (or higher) output voltage in order to drive optical modulators for very long distance data transmission.

Multiplexer (MUX): It serializes multiple data streams to a high-speed data stream prior to transmission.

Phase-Lock Loop (PLL): It provides critical high-speed interface between CPU and memory.

Prescalers: It divides the high frequency clock to a lower frequency clock.

Register Buffers: It regenerates a CPU's command and address signals.

RZ Converter: It converts a Non-Return-to-Zero (NRZ) digital bit stream to Return-to-Zero (RZ) format.

Serializer-Deserializer (SERDES): It combines a serializer, deserializer, equalizer and CDR functions on one chip.

Transimpedance Amplifier (TIA): It amplifies small currents generated by a photodetector for further signal processing.

Sales

The company operates direct sales offices in Japan, Korea, Singapore, Taiwan, and the United States.

Customers

The company's products are designed into systems sold by original equipment manufacturers (OEMs), including Agilent Technologies, Inc., Alcatel-Lucent, Cisco Systems, Inc, Danaher Corporation, Dell Inc., EMC Corporation, Hewlett-Packard Company, Huawei Technologies Co., Ltd., International Business Machines Corporation, and Oracle Corporation. Its major customers include Samsung Electronics Co., Ltd. and Micron Technology, Inc. It sells both directly to these OEMs and to other intermediary systems or module manufacturers that, in turn, sell to these OEMs. During 2009, it sold its products to approximately 160 customers. It works with AMD and Intel Corporation to design architectures and products that solve bandwidth bottlenecks in existing and next generation communications and computing systems.

Suppliers

The company's principal foundries are Global Communications Semiconductors, Inc. (GCS), Sumitomo Electric Device Innovations Inc., Taiwan Semiconductor Manufacturing Company Ltd. (TSMC), TowerJazz Semiconductor Ltd., and United Monolithic Semiconductors S.A.S. (UMS). It also uses third-party contract manufacturers for a significant majority of its assembly and test operations, including Kyocera Corporation, Natel Engineering Co., Inc., Orient Semiconductor Electronics Ltd., Signetics Korea Co., Ltd., and STATS ChipPAC Ltd.

Competition

The company's primary competitors include Broadcom Corporation, Hittite Microwave Corporation, Integrated Device Technology, Inc., and Texas Instruments.

History

Inphi Corporation was incorporated in 2000.

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.
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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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