

# Applied Micro Circuits Corp. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

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## Abstracts

Applied Micro Circuits Corp. 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 Applied Micro Circuits Corp. and its competitors. This provides our Clients with a clear understanding of Applied Micro Circuits Corp. position in the [Semiconductor](#) Industry.

The report contains detailed information about Applied Micro Circuits Corp. 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 Applied Micro Circuits Corp.. 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 Applied Micro Circuits Corp. 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 Applied Micro Circuits Corp. 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 Applied Micro Circuits Corp. business.

### **About Applied Micro Circuits Corp.**

Applied Micro Circuits Corporation provides semiconductor solutions for the enterprise, telecom and consumer/small medium business (SMB) markets. The company designs, develops, markets, and supports integrated circuits (ICs), which are essential for the processing, transporting, and storing of information worldwide.

#### **Products and Customers**

The company develops products for processing and for transporting data, as well as providing connectivity solutions. These products are used in various communications and other networking applications, such as the infrastructure for wide area networks, carrier access networks, and enterprise networks.

**Physical Layer Products:** The company's Telecom portfolio of physical layer (PHY) ICs transmit and receive signals in a high-speed serial format. Its PHY ICs also convert high-speed serial formats to low-speed parallel formats and vice versa. The company's customers include original equipment manufacturers (OEMs) for both wide area and access network equipment, including Cisco, Juniper Networks, Fujitsu, Huawei, Nokia-Siemens Networks, Alcatel-Lucent, and ZTE.

The company also designs and markets competitive datacom 10GE optical PHYs. These products, such as the QT2025 and the QT2225 are targeted at the higher volume datacenter switching and server markets served by system vendors, such as Cisco, Force-10, Extreme Networks, Juniper Networks, Hewlett-Packard, Dell, IBM, and Fujitsu.

**Framer and Mapper Products:** The company's framing layer ICs transmit and receive signals to and from the physical layer in a parallel format and are used in high-speed optical network infrastructure equipment. For the Optical Transport Network (OTN), AppliedMicro framer products incorporate its forward error correction (FEC) design to improve performance. The company offers the Pemaquid device, an Ethernet optimized OTN mapper and FEC device, which Electronic Products Magazine named Product. The company's customers for framers and mappers include Adva, Alcatel-Lucent, Ciena, Cisco, ECI, Ericsson, NEC, Nortel, Tellabs, Fujitsu, Huawei, Juniper, and ZTE.

**Embedded Processor Products:** The company supplies embedded processors. Its embedded processors are deployed in various critical applications in target markets, such as Wireless Infrastructure, Wireless LAN (WLAN), and Residential, Datacenters and Enterprise. In Wireless Infrastructure, its embedded processors are used in base station controllers by suppliers of WCDMA and GSM equipment. In networking equipment, such as edge, core and enterprise routers, its embedded processors handle overall system maintenance and management functions. In WLAN applications, its embedded processors are installed in a significant share of all Enterprise class access points shipped worldwide.

The company's products utilize IBM's PowerPC 4xx processor cores in various speed grades. These cores are integrated with peripheral functionality to create specialized system on a chip (SoC) product solutions.

The company offers the APM83K family of products. It offers multi-core solutions to its customers. The first part in the APM83K family provides support for Gigabit Ethernet, PCI Express, USB, and integrated security processing acceleration, which would offer performance of approximately 1.5 GHz (Gigahertz). Its Embedded Processor customers include Cisco, Nokia-Siemens Networks, Brocade, Hewlett-Packard, Apple, Fujitsu, Panasonic, and Ericsson.

**Packet Processing Products:** The company's packet processor ICs are programmable processors that receive and transmit signals to and from the framing layer and perform the processing of packet and cell headers. Its customers for packet processors include

Alcatel-Lucent, Cisco, Fujitsu, Nortel, Huawei, and Juniper.

**Cell Switching Products:** The company's switch fabric ICs switch information in the proper priority and to the proper destinations. Its switch fabric product portfolio includes its packet routing switch (PRS) fabric devices, such as the PRS 80G, Q-80G and queuing managers like C48X and C192X. The company's customers for switching layer products include Alcatel-Lucent, Fujitsu, Huawei, Ericsson, Nortel and Tellabs.

## Dispositions

In 2009, the company sold its 3ware storage adapter business to LSI Corporation.

## Suppliers

The company purchases its ceramic and plastic packages from various vendors, including Advanced Semiconductor Engineering (ASE), AMKOR, ASAT, IBM, Kyocera, and NTK.

## Competition

In the transport communications IC markets, the company competes primarily against companies, such as Broadcom, PMC-Sierra, Cortina, Netlogic, and Vitesse. In the embedded processor communications IC market, it competes with technology companies such as Freescale Semiconductor, Cavium, and Intel.

## History

Applied Micro Circuits Corporation 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.

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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?

## I would like to order

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